

**RESTRICTED**

**CLASS 47**

**CLASS 47**

**RF TRANSFORMERS AND COILS**

Includes: All RF Transformers  
Coils  
Chokes  
Tuning Units  
Plug-in Coils

Note: Power and Audio (Iron Core) Types Covered  
by Class 30

NAVSHIPS 900,109 (A)

**RESTRICTED**





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SHEET 47-1

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO    | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|-----------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -47000                | CASE:<br>coil container; empty metal case.   | 12/21/31            |           |                        |                |                |                       | CBA  |                            |            |                             | RU-1              |
| -47001                | COIL ASSEMBLY, RF:   | 12/21/31            |           |                        |                |                |                       | CBA  |                            |            |                             | RU-1              |
| -47002                | COIL, RF:<br>RF choke coil; three sect wnd, single layer wnd; unshielded; c/o 30, 35 and 30 turns per sect of #36 S wire; 3 3/8" lg x approx 3/4" wd on faces of octagon; phenolic tubing form, air core; form 3 3/8" lg x 1 1/2" diam, o/a; one 0.206" diam mtg hole in ctr of ea end; two #6-32 thd type radial brass term; coils wnd on eight ins, ea 2 1/4" lg x 1/4" h. | 1/20/32             | RE47AA101 | 16-C-72666-7523        | N16-C-13265    |                |                       | CAY  | M-7403905-1                | CAY        |                             | TAR-2             |
| -47003                | COIL, RF:<br>RF grid choke; single wnd.  | 1/20/32             |           |                        |                |                |                       | CAY  | M-7402160-4                | CAY        |                             | TAR-2<br>RO       |
| -47004                | COIL, RF:<br>RF grid choke; single wnd.  | 1/20/32             |           |                        |                |                |                       | CAY  | M-7402141-5                | CAY        |                             | TAR-2<br>RO       |
| -47005                | COIL, RF:<br>RF grid choke.  | 1/20/32             |           |                        |                |                |                       | CAY  | M-7407416-1                | CAY        |                             | TAR-2<br>RO       |
| -47006                | COIL, RF:<br>RF grid choke; single wnd; unshielded; form has air core.   | 1/20/32             |           |                        |                |                |                       | CAY  | T-7602507-1                | CAY        | T-7602507-1                 | TAR-2<br>RO       |
| -47007                | COIL, RF:<br>RF grid choke; single wnd, unshielded.  | 1/20/32             |           |                        |                |                |                       | CAY  | M-7402160-5                | CAY        |                             | TAR-2<br>RO       |
| -47008                | COIL, RF:<br>RF plate choke; three pie wnd; unshielded; form has air core; form 3 3/8" lg x 1 1/2" diam.   | 1/20/32             |           |                        | N16-C-13265    |                |                       | CAY  | M-7403905-1                | CAY        |                             | TAR-2<br>RO       |
| -47009                | COIL, RF:<br>RF grid choke.  | 1/20/32             |           |                        |                |                |                       | CAY  | M-7402160-4                | CAY        |                             | TAR-2<br>RO       |
| -47010                | COIL, RF:<br>RF grid choke.  | 1/20/32             |           |                        |                |                |                       | CAY  | M-7402141-5                | CAY        |                             | TAR-2<br>RO       |
| -47011                | COIL, RF:<br>RF grid choke.  | 1/20/32             |           |                        |                |                |                       | CAY  | M-7404176-1                | CAY        |                             | TAR-2<br>RO       |
| -47012                | COIL, RF:<br>RF grid choke.  | 1/20/32             |           |                        |                |                |                       | CAY  | M-7602507-1                | CAY        |                             | TAR-2<br>RO       |
| -47013                | COIL, RF:<br>RF grid choke.  | 1/20/32             |           |                        |                |                |                       | CAY  | M-7402160-5                | CAY        |                             | TAR-2<br>RO       |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

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SHEET 47-2

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|-----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -47014                | COIL ASSEMBLY, RF: 1/26/32<br>for loading ant; c/c 1 compensating capacitor (adj) 10-70 mmf, 2 compensating capacitors (adj) 140-220 mmf, 1 loop load fixing capacitor 0.0005 mfd p/m 10%, 250v, 100 ohm freq loop load coils 152.7 microhenries, low freq loop load coils 1139.0 microhenries; anticap sw; freq range 100 to 1000 kc; approx 1 1/2" lg x 4 1/8" h x 5 1/4" wd, o/a.                        | XA-8172             |        |                        | 16-T-98161-3851 |                |                       | CRV  | P-701223-1                 | CRV        | P-701223 rev 9              | IM                |
| -47015                | COIL, RF: 1/26/32<br>ant balance coil; single pie wnd; unshielded; inductance 101 microhenries; approx 1 1/2" lg x 1 1/4" diam, o/a; bakelite form, air core; mtd from ends of coil form; two wire lead term.   | XA-8172             |        |                        |                 |                |                       | CRV  | K-801911-1                 | CRV        | M-401438-12                 | IM                |
| -47016                | COIL CONTAINER: 3/18/32<br>for radio rec; metal container; c/o 6 plug-in coil assem CAY part/dwg #T-7603332-G1 through -06 for rec freq ranges 15 to 28, 28 to 56, 56 to 106, 106 to 221, 221 to 475 and 475 to 1000 kc respectively; 25 21/32" wd x 8 11/32" h x 5 15/32" d, o/a; container has 6 felt lined compartments.   | XA-8218             |        | 16-C-78537-4011        |                 |                |                       | CAY  | P-7704043                  |            |                             | RO-3              |
| -47017                | COIL CONTAINER: 3/18/32<br>coil container; metal case, w/contents; contains seven sets of plug-in coils for NT-46005 Receiver, freq ranges 300 to 575, 575 to 1,100, 1,100 to 2,040, 2,040 to 4,140, 4,140 to 8,115, 8,115 to 13,800 and 13,800 to 22,000 kc; 19 1/4" lg x 8 31/32" h x 5 3/32" d o/a; eight compartments, felt lined; fourteen locking handles on front of cabinet, made for bulkhead mtg. | XA-8218             |        | 16-T-98271-1007        | N16-C-3954      |                |                       | CAY  | 7704044                    | CAY        |                             | RO-3              |
| -47018                | CASE: 5/17/32<br>coil container; empty metal case; 19 1/4" lg x 11 3/16" wd x 5 3/32" thk o/a excluding handles; ten compartments; 20 locking handles, 1 drawer handle.   | XA-8300             |        | 16-C-170001-184        |                 |                |                       | CAY  | P-7703286 subO             | CAY        |                             | GK-1              |
|                       |   |                     |        |                        |                 |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                 |                |                       |      |                            |            |                             |                   |
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|                       |   |                     |        |                        |                 |                |                       |      |                            |            |                             |                   |

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SHEET 47-2

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SHEET 47-3

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O CCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|-----------------|--------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -47019                | COIL ASSEMBLY, RF: 11/7/32<br>p/o rec unit; c/o tuned input coil, band-pass coil, two tuned coupling coils, and tuned osc coil; freq range 224 kc to 350 kc; 11 1/2" lg x 4 5/8" wd x 3 5/8" thk o/a; plug-in type coil.     |                     |        | 16-T-98164-4976        |                 |              |                       | CBY  |                            | CBY        |                             | GP                |
| -47020                | COIL ASSEMBLY, RF: 11/7/32<br>p/o rec unit; c/o tuned input coil, band-pass coil, two tuned coupling coils, and tuned osc coil; freq range 350 kc to 545 kc; 11 1/2" lg x 4 5/8" wd x 3 5/8" thk o/a; plug-in type coil.     |                     |        | 16-T-98166-4950        |                 |              |                       | CBY  |                            | CBY        |                             | GP                |
| -47021                | COIL ASSEMBLY, RF: 11/7/32<br>p/o rec unit; c/o tuned input coil, band-pass coil, two tuned coupling coils, and tuned osc coils; freq range 545 to 850 kc; 11 1/2" lg x 4 5/8" wd x 3 5/8" thk o/a; plug-in type coil.       |                     |        | 16-T-98172-6751        |                 |              |                       | CBY  |                            | CBY        |                             | GP                |
| -47022                | COIL ASSEMBLY, RF: 11/7/32<br>p/o rec unit; c/o tuned input coil, band-pass coil, two tuned coupling coils, and tuned osc coil; freq range 850 kc to 1,330 kc; 11 1/2" lg x 4 5/8" wd x 3 5/8" thk o/a; plug-in type coil.   |                     |        | 16-T-98175-9891        |                 |              |                       | CBY  |                            | CBY        |                             | GP                |
| -47023                | COIL ASSEMBLY, RF: 11/7/32<br>p/o rec unit; c/o tuned input coil, band-pass coil, two tuned coupling coils, and tuned osc coil; freq range 1,330 kc to 2,040 kc; 11 1/2" lg x 4 5/8" wd x 3 5/8" thk o/a; plug-in type coil. |                     |        | 16-T-98177-9891        |                 |              |                       | CBY  |                            | CBY        |                             | GP                |
| -47024                | COIL ASSEMBLY, RF: 11/7/32<br>p/o rec unit; c/o tuned input coil, band-pass coil, two tuned coupling coils, and tuned osc coil; freq range 2,040 kc to 3,000 kc; 11 1/2" lg x 4 5/8" wd x 3 5/8" thk o/a; plug-in type coil. |                     |        | 16-T-98183-3126        |                 |              |                       | CBY  |                            | CBY        |                             | GP                |
| -47025                | COIL ASSEMBLY, RF: 11/7/32<br>p/o rec unit; c/o tuned input coil, band-pass coil, two tuned coupling coils, and tuned osc coil; freq range 3,000 kc to 4,500 kc; 11 1/2" lg x 4 5/8" wd x 3 5/8" thk o/a; plug-in type coil. |                     |        | 16-T-98185-6301        |                 |              |                       | CBY  |                            | CBY        |                             | GP                |
| -47026                | COIL ASSEMBLY, RF: 11/7/32<br>p/o rec unit; c/o tuned input coil, band-pass coil, two tuned coupling coils, and tuned osc coil; freq range 4,000 to 6,000 kc; 11 1/2" lg x 4 5/8" wd x 3 5/8" thk o/a; plug-in type coil.    |                     |        | 16-T-98189-4951        | N16-C-14393-101 |              |                       | CBY  |                            | CBY        |                             | GP                |

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SHEET 47-3

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SHEET 47-4

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                     |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|---------------------------------------|
| -47027                | COIL SET: 11/7/32<br>p/o NT-46006 Radio Receiver; c/o tuned input coil, band-pass coil, two tuned coupling coils, and tuned osc coils; freq range 5,400 kc to 8,100 kc; 11 1/2" lg x 4 5/8" wd x 3 5/8" thk o/a; plug-in type coil has Navy nameplate.  |                     |        | 16-T-98194-2706        |                |                |                       | CBY  | FR-213                     | CBY        |                             | GF<br>RU-2                            |
| -47028                | COIL ASSEMBLY, RF: 11/7/32<br>p/o rec unit; c/o tuned input coil, band-pass coil, two tuned coupling coils, and tuned osc coil; freq range 8,500 kc to 12,500 kc; 11 1/2" lg x 4 5/8" wd x 3 5/8" thk o/a; plug-in type coil.   |                     |        | 16-T-98199-8564        |                |                |                       | CBY  |                            | CBY        |                             | GF                                    |
| -47029                | COIL CONTAINER: 11/7/32<br>coil container for NT-47019 to NT-47028 coils; empty metal case; 11 1/2" lg x 4 5/8" wd x 3 5/8" thk o/a.  |                     |        | 16-C-170001-183        | N16-C-3959     | R16-C-34170    |                       | CBY  | 2203-2                     | CBY        |                             | GF<br>RU-11 (2)<br>RU-5a<br>RU-16 (2) |
| -47030                | COIL ASSEMBLY: 11/8/32<br>p/o NT-46012 Receiver Unit; c/o one tuned input coil, one band-pass coil, two tuned coupling coils and one tuned osc coil; freq range 224 to 350 kc; 11 1/2" lg x 4 5/8" wd x 3 5/8" thk o/a; plug-in type coil; has Navy nameplate.  |                     |        | 16-T-98164-5026        |                | R16-C-28793    |                       | CBY  | FR-214                     | CBY        |                             | RU-2                                  |
| -47030-A              | COIL SET: 7/21/49<br>RF rec coils for 200 to 400 kc; c/o 2 CBY input coils #2338-1A, 1 CBY osc coil assem #2339-1A, 1 CBY band pass coil assem #2340-1A, 1 CBY band pass coil assem #2341-1A; steel panel and coil shields, black wrinkle finish; for 200 to 400 kc; 11" lg x 3 3/8" wd x 2 9/16" d, o/a; plug in type; has Navy nameplate; handle on side. |                     |        | 16-T-98183-1301        |                |                |                       |      |                            |            |                             | RU-2A                                 |
| -47031                | Coil Assembly: 11/8/32<br>p/o NT-46012 Receiver Unit; c/o one tuned input coil, one band-pass coil, two tuned coupling coils and one tuned osc coil; freq range 350 to 545 kc; 11 1/2" lg x 4 5/8" wd x 3 5/8" thk o/a; plug-in type coil; has Navy nameplate.  |                     |        | 16-T-98166-5001        |                | R16-C-28793-5  |                       | CBY  | FR-215                     | CBY        |                             | RU-2                                  |
| -47032                | Coil Assembly: 11/8/32<br>p/o NT-46012 Receiver Unit; c/o one tuned input coil, one band-pass coil, two tuned coupling coils and one tuned osc coil; freq range 545 to 850 kc; 11 1/2" lg x 4 5/8" wd x 3 5/8" thk o/a; plug-in type coil; has Navy nameplate.  |                     |        | 16-T-98172-6801        |                | R16-C-28790-15 |                       | CBY  | FR-216                     | CBY        |                             | RU-2                                  |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                                       |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                                       |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109 (A)  
SUPPLEMENT # 1

SHEET 47-4

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SHEET 47-5

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -47033                | Coil Assembly: 11/8/32<br>p/o NT-46012 Receiver Unit; c/o tuned input coil, band-pass coil, two tuned coupling coils and tuned osc coil; freq range 850 to 1,330 kc; 11 1/2" lg x 4 5/8" wd x 3 5/8" thk o/a; plug-in type coil; has Navy nameplate.    |                     |        | 16-T-98175-9901        |                | R16-C-28790-20 |                       | CBY  | FR-217                     | CBY        |                             | RU-2              |
| -47034                | Coil Assembly: 11/8/32<br>p/o NT-46012 Receiver Unit; c/o tuned input coil, band-pass coil, two tuned coupling coils and tuned osc coil; freq range 1330 to 2040 kc; 11 1/2" lg x 4 5/8" h x 3 5/8" wd, o/a; plug-in type coil; has Navy nameplate.     |                     |        | 16-T-98177-9901        |                | R16-C-28790-25 |                       | CBY  | FR-218                     | CBY        |                             | RU-2              |
| -47035                | Coil Assembly: 11/8/32<br>p/o NT-46012 Receiver Unit; c/o tuned input coil, band-pass coil, two tuned coupling coils and tuned osc coil; freq range 2,040 to 3,000 kc; 11 1/2" lg x 4 5/8" wd x 3 5/8" thk o/a; plug-in type coil; has Navy nameplate.  |                     |        | 16-T-98183-3176        |                | R16-C-28791    |                       | CBY  | FR-219                     | CBY        |                             | RU-2              |
| -47036                | Coil Assembly: 11/8/32<br>p/o NT-46012 Receiver Unit; c/o tuned input coil, band-pass coil, two tuned coupling coils and tuned osc coil; freq range 3,000 to 4,500 kc; 11 1/2" lg x 4 5/8" wd x 3 5/8" thk o/a; plug-in type coil; has Navy nameplate.  |                     |        | 16-T-98185-6801        |                | R16-C-28791-5  |                       | CBY  | FR-220                     | CBY        |                             | RU-2              |
| -47037                | Coil Assembly: 11/8/32<br>p/o NT-46012 Receiver Unit; c/o tuned input coil, band-pass coil, two tuned coupling coils, and tuned osc coil; freq range 4,000 to 6,000 kc; 11 1/2" lg x 4 5/8" wd x 3 5/8" thk o/a; plug-in type coil; has Navy nameplate. |                     |        | 16-T-98189-5001        |                | R16-C-28791-10 |                       | CBY  | FR-221                     | CBY        |                             | RU-2              |
| -47038                | Coil Assembly: 11/8/32<br>p/o NT-46012 Receiver Unit; c/o tuned input coil, band-pass coil, two tuned coupling coils and tuned osc coil; freq range 5,400 to 8,100 kc; 11 1/2" lg x 4 5/8" wd x 3 5/8" thk o/a; plug-in type coil; has Navy nameplate.  |                     |        | 16-T-98194-2701        |                | R16-C-28791-15 |                       | CBY  | FR-222                     | CBY        | FR-222                      | RU-2              |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-5

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SHEET 47-6

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN   |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|---|
| -47039                | Coil Assembly: 11/8/32<br>p/o NT-46012 Receiver Unit; c/o tuned input coil, band-pass coil, two tuned coupling coils and tuned osc coil; freq range 8,100 to 12,500 kc; 11 1/2" lg x 4 5/8" wd x 3 5/8" thk o/a; plug-in type coil; has Navy nameplate.                           |                     |        | 16-T-98198-9901        |                | R16-C-28791-20 |                       | CBY  | FR-223                     | CBY        |                             | RU-2  |
| -47040                | COIL SET: 11/15/32<br>for radio receiver use.   |                     |        |                        |                |                |                       | CNA  |                            |            |                             | RAD-2   |
| -47041                | COIL, RF: 1/4/33<br>RF choke; one wnd, two pie wnd, multi layer wnd; un-shielded; 2 millihenrys, c/o 275 turns #35 wire; 1.5" OD x 1.375" ID x 1.125" lg o/a; air core; mtg by hole through ctr of case; three ins RMA color coded lead term out of top.<br>NOTE: DP-1 thru DP-3. |                     |        | 16-C-74546-7395        |                |                |                       | CRV  | K-806732-1                 | CRV        |                             | RAA<br>RAB thru<br>RAB-2<br>DO thru<br>DO-3<br>DP<br>SKE NOTE |
| -47042                | COIL ASSEMBLY: 1/30/33<br>radio osc coil; plug-in type coil; two wnd; shielded aluminum can; freq range 6,200 to 7,700 kc; air core; ext tuning; plug-in type mtg; four receptacle connector term; has Navy nameplate.  |                     |        |                        |                | R16-C-28783    |                       | CBY  | G-588                      | CBY        |                             | GF  |
| -47043                | COIL, RF: 1/30/33<br>ant coil; plug-in type coil; two wnd; shielded aluminum can; freq range 6200 to 7700 kc; 3 1/8" lg x 3 1/4" wd x 3 1/8" h; air core; ext tuning; plug-in type mtg; five receptacle connector term; has Navy nameplate.                                       |                     |        | 17-T-81445-7486        |                | R16-C-28680    |                       | CBY  | F-488                      | CBY        | G-264                       | GF  |
| -47044                | COIL, RF: 1/30/33<br>osc coil; plug-in type coil; two wnd; shielded aluminum can; freq range 3,150 to 3,850 kc; air core; ext tuning; plug-in type mtg; four receptacle connector term.   |                     |        |                        |                | R16-C-28783-10 |                       | CBY  |                            |            |                             | GF  |
| -47045                | COIL, RF: 1/30/33<br>ant coil; plug-in type coil; two wnd; shielded aluminum can; freq range; 3,150 to 3,850 kc; air core; ext tuning; plug-in type mtg; five receptacle connector term.  |                     |        |                        |                | R16-C-28685    |                       | CBY  |                            |            |                             | GF  |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-6

RESTRICTED

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SHEET 47-7

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -47046                | COIL ASSEMBLY: 7/12/33<br>p/o NT-46012 Receiver Unit; c/o one tuned input coil, one band-pass coil, two tuned coupling coils and one tuned osc coil; freq range 9500 to 13575 kc; 1 1/2" lg x 4 5/7" wd x 3 5/8" thk, o/a; plug-in type coil; has Navy nameplate.   |                     |        | 16-T-98199-9521        |                | R16-C-28828    |                       | CBY  |                            | CBY        |                             | RU-2              |
| -47047                | TRANSFORMER, RF: 7/20/33<br>RF trans; two wnd, pie wnd; shielded, rectangular metal can; freq range 100 to 1500 kc, used between loop and rec; 7 1/4" lg x 4" wd x 5 3/4" h o/a; air core; form 1 7/8" lg x 5/8" diam; four 9/32" diam holes on 6 5/8" x 2 1/2" mtg/c; 16" lg flexible cable; leads enter assem through conduit connector.                              |                     |        | 17-T-81028-1845        |                |                |                       | CRV  | P-705251-1                 | CRV        |                             | DO-3              |
| -47048                | TRANSFORMER, variable RF: 7/20/33<br>RF trans; two wnd; shielded rectangular metal can; rated 76 microhenries; 5 1/2" h x 7 1/4" lg x 4" wd o/a; iron core; four 9/32" diam mtg holes on 6 5/8" x 2 1/2" mtg/c; five term inside case; mutual inductance adj by spacing of coils.   |                     |        |                        |                |                |                       | CRV  | P-705251-2                 | CRV        |                             | DO-3              |
| -47049                | TRANSFORMER, RF: 8/8/33<br>RF trans; two wnd both CT; rectangular metal shield case; pri 1050 ohms resistance, secd 1150 ohms resistance, turns ratio 1/0.5 to 1.5/0.75; form 1 3/4" lg x 1 9/16" h x 1 3/4" wd; air core; four mtg holes on 1" x 2" mtg/c; six RMA color coded leads out of bottom.  |                     |        |                        |                |                |                       | CRV  | IX-932A                    | CRV        | IX-280425 rev1              | FC                |
| -47050                | Inductance System: 8/21/33<br>CANCELLED:  |                     |        |                        |                |                |                       |      |                            |            |                             | RAD-3             |
| -47051                | TRANSFORMER, RF: 8/28/33<br>IF osc; two wnd, pie wnd; cylindrical, metal shield inside case; freq range 100 to 1500 kc; approx 3" lg x 2 3/4" diam o/a; air core; form 9/16" OD x 2 1/16" lg; adj tuning capacitors; scdr adj on top of chassis mts by bkt; wire lead term from side of case; shield screws into thd base, assem incl four capacitors and one resistor. |                     |        |                        | R16-T-6149-3   |                |                       | CRV  | K-801700-2                 | CRV        |                             | DO-1 thru DO-3    |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-7

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SHEET 47-8

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                                  |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|--|
| -47052                | TRANSFORMER, IF: 8/28/33<br>oper freq 81.5 kc; shielded in cylindrical metal can; approx 3" h x 2 3/4" diam o/a excluding bkt; air core; tuned pri and sec; variable trimmer capacitors, adj from top of can; mtd by bkt; four wire lead term; ea coil 17.5 millihenrys at 1000 cyc, shield screws into thd base, assem incl two capacitors and two trimmer capacitors.   |                     |        | 17-T-67454-2391        | M16-T-6149-1   |                |                       | CRV | M-401383-3 sub3            | CRV        |                             | DO thru<br>DO-3<br>DF thru<br>DF-3                 |
| -47053                | TRANSFORMER, OSCILLATOR UNIT: 8/28/33<br>osc unit; p/o Navy Type 46031-A Receiver; c/o 6 Coils, CRV dwg #M-401445-03, #M-401445-04, #M-406010-01, #M-406010-02, #M-401446-05, #M-401446-06, 9 var capacitors, seven 10-70 mmf, two 5-35 mmf, and 3 fixed capacitors, 2000/5088/1000 mmf, also 100000 ohms resistor; freq ranges LF 100-250 kc, med freq 225-600 kc, HF 560-1500 kc; 7 3/4" h x 10 13/32" lg x 5" wd, o/a approx; mtd by bkt; freq ranges varied by Navy Type 24006 Ganged Bend Change Switch. |                     |        | 16-T-98015-1001        |                |                |                       | CRV | T-601113-02<br>sub 5       |            |                             | DO-1 thru<br>DO-3                                  |
| -47054                | COIL, RF: 8/28/33<br>ant coil; single wnd, random wnd; unshielded; rated 42.1 millihenrys at 1000 cyc, 25 1/2 turns #28 ins varnish wire, 7.16 ohms DC resistance; 3" lg x 1 1/2" wd x 5/8" thk o/a; phenolic form, air core; coil form 1 1/2" diam x 1/4" thk; two mtg holes 2 3/4" c to c; two solder term on end of form.  |                     |        | 16-C-75432-4601        |                |                |                       | CRV | K-801898-1 sub3            | CRV        |                             | DO<br>DO-1 thru<br>DO-3<br>DF<br>DF-1 thru<br>DF-3 |
| -47055                | COIL, RF: 8/28/33<br>RF coil; one wnd, close wnd; unshielded; c/o ten turns #14-60 Litz wire; 1" lg x 1 5/8" diam o/a excluding mtg bkt; air core; form 1" lg x 1 1/2" diam; mts by two holes in bkt 2 3/4" c to c; two solder lug term on form; ins varnish over coil.   |                     |        | 16-C-72027-5937        |                |                |                       | CRV | K-801902-1 sub2            | CRV        |                             | DO(2) thru<br>DO-3(2)<br>DF<br>DF-1 thru<br>DF-3   |
| -47056                | TRANSFORMER, RF: 8/28/33<br>RF transf; four wnd, pie wnd; rectangular metal shield can; freq range 100 to 1500 kc; 4 5/8" h x 4 9/16" lg x 3 7/8" wd o/a; air core; form 1" lg x 3/4" OD; three var tuning capacitors; adj by knob on shaft and scdr adj on top of case; four screw type ter, four jacks on bottom of case; loop leads furnished.   |                     |        | 17-T-81403-2951        |                |                |                       | CRV | P-701223-2                 | CRV        |                             | DO<br>DO-1 thru<br>DO-3                            |

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NAVSHIPS 900,109(A)  
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SHEET 47-8

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SHEET 47-9

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFOR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                                  |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|--|
| -47057                | TRANSFORMER, variable RF: 8/28/33<br>ant transf; single wnd; unshielded; 5 3/8" lg x 5" h x 4 1/8" wd o/a; phenolic form, air core; varied by handwheel; threaded shaft on front of mtg plate; two tapped mtg holes 4" c to c; two flex wire lead term from front of mtg plate.  |                     |        |                        |                |                |                       | CRV  |                            | CRV        | P-701598-1 sub0             | DO<br>DO-1 thru<br>DO-3<br>DP<br>DP-1 thru<br>DP-3 |
| -47058                | TRANSFORMER ASSEMBLY, variable RF: 8/28/33<br>p/o NT-46031-A Receiver; c/o NT-47060, -47061, -47062 Variometers w/ component parts and hardware to make common mtg; used to control freq range of 100 to 1500 kc; 9 7/16" lg x 6 3/8" h x 3 1/16" wd o/a; eight mtg holes in top bkt on 2 3/8" x 1" mtg/c.   |                     |        |                        |                |                |                       | CRV  | P-701206-2 sub2            | CRV        |                             | DO<br>DO-1 thru<br>DO-3                            |
| -47059                | Inductance System: 9/8/33<br>coil container; base is hardwood, cover of aluminum and sides are sponge rubber ins; case incl contents; contains six RF amplr coils covering freq range from 100 to 20000 kc and six rec coils over same freq ranges; 20 13/16" lg x 4 1/2" h x 9 5/8" wd o/a; has Navy nameplate.   | RA47E201            |        | 16-T-98271-1001        |                |                |                       |      |                            |            |                             | RG-3   |
| -47060                | TRANSFORMER, variable RF: 9/13/33<br>variable RF transf; two wnd, single layer wnd; unshielded; 3 3/8" lg x 3 1/16" wd x 1 3/4" d o/a excluding shaft; phenolic form, air core; rotatable coil, adj by 1 5/16" lg x 1/4" diam shaft; two #6-32 tapped mtg holes on either side of shaft 1" c to c; four screw type term on sides of case; inductance at 1 kc 9.2 millihenries max, 1.35 millihenries min.  |                     |        |                        |                |                |                       | CAG  | 269                        | CRV        | M-31012-5 sub2              | DO<br>DO-1 thru<br>DO-3<br>DP<br>DP-1 thru<br>DP-3 |
| -47061                | TRANSFORMER, variable RF: 9/13/33<br>variable RF transf; two wnd, single layer wnd; unshielded; 3 3/8" lg x 3 1/16" wd x 1 3/4" d o/a excluding shaft; phenolic form, air core; rotatable coil, adj by 1 5/16" lg x 1/4" diam shaft; two #6-32 tapped mtg holes on either side of shaft 1" c to c; four screw type term on side of case; inductance at 1 kc 1.68 millihenries max, 0.205 millihenries min. |                     |        |                        |                |                |                       | CAG  | 269                        | CRV        | M-31012-6 sub2              | DO<br>DO-1 thru<br>DO-3<br>DP<br>DP-1 thru<br>DP-3 |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-9

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SHEET 47-10

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                                  |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|--|
| -47062                | TRANSFORMER, variable RF: 9/13/33<br>variable RF transf; two wnd, single layer wnd; unshielded; 3 3/8" lg x 3 1/16" wd x 1 3/4" d o/a excluding shaft; phenolic form, air core; rotatable coil, adj by 7/16" lg x 1/4" diam shaft; two #6-32 tapped mtg holes on either side of shaft 1" c to c; four screw type term on sides of case; inductance at 1 kc 670 microhenries max, 57 microhenries min. |                     |        |                        |                |                |                       | CAG | 269                        | CRV        | M-31012-7 sub2              | DO<br>DO-1 thru<br>DO-3<br>DP<br>DP-1 thru<br>DP-3 |
| -47063                | COIL, RF: 9/18/33<br>RF choke coil; single wnd; shielded in metal case; rated 250 millihenries p/m 10% at 100v, 1,000 cyc, 100 ma DC, 1,075 ohms DC resistance; 1 15/32" h x 1 27/64" wd x 2 45/64" lg o/a; air core; two holes, 0.144" diam 2 21/64" c to c; two solder lug term on top of case.   |                     |        | 16-C-75681-4205        | N16-C-13249    |                |                       | CSC | 125                        | CAY        | K-7810017-1 rev1            | JAV-2<br>TBY<br>TBY-1                              |
| -47064                | COIL ASSEMBLY, RF: 6/14/34<br>xmt, tuning assembly; u/w NT-52027 Transmitter Unit; c/o two RF shielded coil assem mtd on one frame; aluminum w/black crackle face plate; freq range 6,200 to 7,700 kc; plug-in type mtg, five jacks for ea shield cen; not interchangeable w/QP model.  |                     |        | 16-T-98196-9526        |                |                |                       | CBY | 1825-2-A                   | CBY        |                             | GF-1   |
| -47065                | Inductance Coil: 6/14/34<br>rec tuning assem; p/o NT-46041 Receiver Unit; c/o two RF transf, one band-pass assem and one osc. coil assem, mtd in common case; freq range 224 to 350 kc; 11 1/2" lg x 4 5/8" h x 3 5/8" wd o/a; plug-in type coil; has Navy nameplate; covers range A of Navy models RU-3 and RU-3a.   |                     |        | 16-T-98164-5001        |                |                |                       | CBY | 1772-3-A                   | CBY        |                             | RU-3<br>RU-3a                                      |
| -47066                | Inductance Coil: 6/14/34<br>rec tuning assem; p/o NT-46041 Receiver Unit; c/o two RF transf, one band-pass assem and one osc coil assem mtd in common case; freq range 350 to 545 kc; 11 1/2" lg x 4 5/8" h x 3 5/8" wd o/a; plug-in type coil; has Navy nameplate; covers range B of Navy models RU-3 and RU-3a.   |                     |        | 16-T-98166-5026        |                |                |                       | CBY | 1773-3-A                   | CBY        |                             | RU-3<br>RU-3a                                      |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-10

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SHEET 47-11

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                       |
|-----------------------|---|---------------------|--------|------------------------|-----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|---|
| -47067                | Inductance Coil; 6/14/34<br>rec tuning assem; p/o NT-46041 Receiver Unit; c/o two RF transf, one band-pass assem and one osc coil assem mtd in common case; freq range 545 to 850 kc; 11 1/2" lg x 4 5/8" h x 3 5/8" wd o/a; plug-in type coil; has Navy nameplate; covers range C of Navy models RU-3, RU-3a and RU-5.     |                     |        | 16-T-98172-6826        |                 |                |                       | CW   | 1774                       | CW<br>CBY  | 1869<br>1774-3-A            | RU-3<br>RU-3a<br>RU-16 (7)<br>GF-11 (9) |
| -47068                | Inductance Coil; 6/14/34<br>rec tuning assem; p/o NT-46041 Receiver Unit; c/o two RF transf, one band-pass assem and one osc coil assem mtd in common case; freq range 850 to 1,330 kc; 11 1/2" lg x 4 5/8" h x 3 5/8" wd o/a; plug-in type coil; has Navy nameplate; covers range D of Navy models RU-3, RU-3a and RU-5.   |                     |        | 16-T-98175-9926        |                 |                |                       | CBY  | 1775-3-A                   | CW         | 1873                        | RU-3<br>RU-3a<br>RU-16 (7)<br>GF-11     |
| -47069                | Inductance Coil; 6/14/34<br>rec tuning assem; p/o NT-46041 Receiver Unit; c/o two RF transf, one band pass assem and one osc coil assem mtd in common case; freq range 1,330 to 2,040 kc; 11 1/2" lg x 4 5/8" h x 3 5/8" wd o/a; plug-in type coil; has Navy nameplate; covers range E of Navy models RU-3, RU-3a and RU-5. |                     |        | 16-T-98177-9926        | N16-C-14393-100 |                |                       | CBY  | 1776-3-A                   | CW         | 1877                        | RU-3<br>RU-3a<br>RU-16 (7)<br>GF-11     |
| -47070                | Inductance Coil; 6/14/34<br>rec tuning assem; p/o NT-46041 Receiver Unit; c/o two RF transf, one band-pass assem and one osc coil assem mtd in common case; freq range 2,040 to 3,000 kc; 11 1/2" lg x 4 5/8" h x 3 5/8" wd o/a; plug-in type coil; has Navy nameplate; covers range F of Navy models RU-3, RU-3a and RU-5. |                     |        | 16-T-98183-3201        |                 |                |                       | CBY  | 1777-3-A                   | CW<br>CW   | 2821<br>2818                | RU-3<br>RU-3a<br>RU-16 (7)<br>GF-11     |
| -47071                | Inductance Coil; 6/14/34<br>rec tuning assem; p/o NT-46041 Receiver Unit; c/o two RF transf, one band pass assem and one osc coil assem mtd in common case; freq range 3,000 to 4,525 kc; 11 1/2" lg x 4 5/8" h x 3 5/8" wd o/a; plug-in type coil; has Navy nameplate; covers range G of Navy models RU-3, RU-3a and RU-5. |                     |        | 16-T-98187-1401        |                 |                |                       | CBY  | 1778-3-A                   | CW         | 1884                        | RU-3<br>RU-3a<br>RU-16 (7)<br>GF-11 (7) |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-11

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SHEET 47-12

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                       |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|---|
| -47072                | Inductance Coil: 6/14/34<br>rec tuning assem; p/o NT-46041 Receiver Unit; c/o two RF transf, one band pass assem and one osc coil assem mtd in common case; freq range 4,000 to 6,000 kc; ll 1/2" lg x 4 5/8" h x 3 5/8" wd o/a; plug-in type coil; has Navy nameplate; covers range H of Navy models RU-3, RU-3a and RU-5.                      |                     |        | 16-T-98189-9026        |                |                |                       | CBY  | 1779-3-A                   | CW<br>CW   | 2822<br>2819                | RU-3<br>RU-3a<br>RU-16 (7)<br>GF-11 (7) |
| -47073                | Inductance Coil: 6/14/34<br>rec tuning assem; p/o NT-46041 Receiver Unit; c/o two RF transf, one band pass assem and one osc coil assem mtd in common case; freq range 5,400 to 8,100 kc; ll 1/2" lg x 4 5/8" h x 3 5/8" wd o/a; plug-in type coil; has Navy nameplate; covers range I of Navy model RU-3, and RU-3a.                            |                     |        | 16-T-98194-2726        |                |                |                       | CBY  | 1780-3-A                   | CBY        |                             | RU-3<br>RU-3a                           |
| -47074                | Inductance Coil: 6/14/34<br>rec tuning assem; p/o NT-46041 Receiver Unit; c/o two RF transf, one band pass assem and one osc coil assem mtd in common case; freq range 8,100 to 12,500 kc; ll 1/2" lg x 4 5/8" h x 3 5/8" wd o/a; plug-in type coil; has Navy nameplate; covers range J of Navy models RU-3 and RU-3a.                           |                     |        | 16-T-98198-9926        |                |                |                       | CBY  | 1781-3-A                   | CBY        |                             | RU-3<br>RU-3a                           |
| -47075                | Inductance Coil: 6/14/34<br>rec tuning assem; p/o NT-46041 Receiver Unit; c/o two RF transf, one band pass assem and one osc coil assem mtd in common case; freq range 9,050 to 13,575 kc; ll 1/2" lg x 4 5/8" h x 3 5/8" wd o/a; plug-in type coil; has Navy nameplate; covers range K of Navy models RU-3, RU-3a and RU-5.                     |                     |        | 16-T-98199-9064        |                |                |                       | CBY  | 1782-3-A                   | CW         | 1896                        | RU-3<br>RU-3a<br>RU-16 (7)<br>GF-11 (7) |
| -47076                | Dual Inductance Coil: 6/14/34<br>rec tuning assem; p/o NT-46041 Receiver Unit; c/o three RF transf, one band pass assem and one osc coil assem, mtd in common case; freq range 400 to 600 kc/3,000 to 4,500 kc; ll 1/2" lg x 4 5/8" h x 3 5/8" wd o/a; plug-in type coil; has Navy nameplate; covers range L and G of Navy model RU-3 and RU-3a. |                     |        | 16-T-98206-1126        |                |                |                       | CBY  | 1823-3-A                   | CBY        |                             | RU-3<br>RU-3a                           |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-12

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SHEET 47-13

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -47077                | DUAL INDUCTANCE COIL: 6/14/34<br>rec tuning assem; p/o Navy Type 46041 Receiver Unit; c/o three RF transf, band pass assem and osc coil assem mtd in common case; 400 to 600 kc, 5200 to 7700 kc freq range; 11 1/2" lg x 4 5/8" h x 3 5/8" wd, o/a; plug-in type coil; Navy nameplate on front; range L and M of Navy Models RU-3, RU-3a.  |                     |        | 16-T-98202-1226        |                |                |                       | CBY  |                            | CBY        | 1824-3A                     | RU-3<br>RU-3a     |
| -47078                | TUNING UNIT, RF: 8/4/34<br>p/o WF-52051 Transmitter-Rectifier Unit; c/o various component parts to regulate freq; steel case w/black lacquer finish; coil A freq range 350-850 kc, coil B freq range 850-1,500 kc; coil D freq range 3,000-4,525 kc, coil E freq range 4,525-6,500 kc, coil F freq range 6,200-9,050 kc; coil C freq range 1,500-3,000 kc, this coil is not furnished but may be ordered; approx 9 15/64" lg x 6 15/32" h x 8 1/8" d o/a; plug-in type assem. |                     |        |                        |                |                |                       | CRV  |                            | CRV        |                             | GP                |
| -47079                | Antenna Inductance: 8/4/34<br>ant load coil; single wnd tapped; shielded; freq range 350 to 540 kc; 6 1/4" lg x 5 5/8" wd x 3 3/8" h o/a; plug-in type mtg; two binding post term.  |                     |        |                        |                |                |                       | CRV  |                            | CRV        | PH-43277                    | GP<br>GP-2        |
| -47080                | Inductance System: 12/11/34<br>p/o WF-52039 Transmitter Unit; coil A freq range 350 to 800 kc, coil B freq range 800 to 1,500 kc; coil D freq range 3,000 to 4,525 kc, coil E freq range 4,525 to 6,500 kc, coil F freq range 6,200 to 9,050 kc; 7 3/8" h x 10 7/16" wd x 7 3/8" d o/a; rack mtd.   |                     |        |                        |                |                |                       |      |                            | CW         |                             | GP-1              |
| -47081                | Loop Output Transformer: 12/14/34<br>RF transf; double wnd; unshielded; rated 80 microhenrys; 5 1/2" h x 7 1/4" lg x 4" wd o/a; iron core; four 9/32" diam holes on 6 5/8" x 2 1/2" mtg/c; five term inside case; mutual inductance adj by spacing of coils; has Navy nameplate.  |                     |        |                        | NL6-T-6476     |                |                       | CRV  | KX-281375                  | CRV        |                             | DP-1 thru<br>DP-3 |
| -47082                | Receiver Input Transformer: 12/14/34<br>RF transf; double wnd; unshielded; rated 76 microhenrys; 5 1/2" h x 7 1/4" lg x 4" wd o/a; iron core; four 9/32" diam holes on 6 5/8" x 2 1/2" mtg/c; five term inside case; mutual inductance adj by spacing of coils; has Navy nameplate.   |                     |        |                        |                |                |                       | CRV  | KX-281375                  | CRV        |                             | DP-1 thru<br>DP-3 |

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NAVSHIPS 900,109(A)  
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SHEET 47-13

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SHEET 47-14

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PARY NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                  |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|------------------------------------|
| -47083                | COIL ASSEMBLY, RF: 1/22/35<br>loop loading unit; c/o med freq loop load coil, LF loop load coil, three loop trimmer capacitors rated 10 mmf to 70 mmf, and one loop trimmer capacitor rated 40 mmf; med freq loop load coil 197.5 microhenries at 1 kc, LF loop load coil 1047 microhenries at 1 kc; approx 4 1/2" lg x 4 1/8" h x 5 1/4" wd o/a. |                     |        |                        |                |                |                       | CRV  | P-701223-2 sub9            | CRV        |                             | DP-1 thru DP-3 DQ                  |
| -47084                | COIL ASSEMBLY, RF: 1/22/35<br>osc tuning unit; p/o NT-46038 Receiver; c/o six coils, nine var capacitors, three fixed capacitors and one resistor; freq range 100 to 1500 kc; approx 7 3/4" h x 10 13/32" lg x 5" wd o/a; mtd by bkt; freq ranges changed by NT-24006 Switch.   |                     |        |                        |                |                |                       | CRV  | T-601113-2 sub9            | CRV        |                             | DP DP-1 thru DP-3                  |
| -47085                | COIL ASSEMBLY, RF: 1/22/35<br>CANCELLED: use NT-47053.  |                     |        |                        |                |                |                       | CRV  | T-601113-904               | CRV        |                             | DQ                                 |
| -47086                | COIL, RF: 8/2/35<br>choke coil; single wnd; unshielded; rated 2 milli-henries p/m 10%, 60 ma, 10 ohms p/m 10% DC resistance; 7/8" lg x 1" diam o/a excluding term; air core; four 7/8" lg x 1/2" diam; mts by hole through ctr of form; two solder lug term.  |                     |        | 16-C-74543-2721        |                |                |                       | OWG  |                            | CBS        | D-BA-176-1 alt0             | RAG<br>RAH<br>RAG-1<br>RAH-1       |
| -47087                | COIL, RF: 10/23/35<br>inductance coil; freq range 6000 to 9050 kc.  |                     |        |                        |                |                |                       | CBY  |                            | CBY        |                             | RU-2                               |
| -47088                | COIL ASSEMBLY, RF: 12/23/35<br>rec tuning assem;p/o NT-46048-A Receiver Unit; c/o two RF coils, one coupling coil, one osc coil and one amplr coil mtd in common case; freq range 6000 kc to 9050 kc; 11 1/2" lg x 3 5/8" wd x 4 5/8" h o/a; plug in type mtg; covers range N of Navy model RU-5.   |                     |        | 16-T-98195-8051        |                |                |                       | CBY  |                            | CW<br>CW   | 2824<br>2845                | RU-3<br>RU-3a<br>RU-16(7)<br>GF-11 |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-14

**RESTRICTED**

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SHEET 47-15

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR                      | MANUFACTURER'S PART NUMBER           | CONTRACTOR               | CONTRACTOR'S DWG OR PART NO  | EQUIPMENT USED IN              |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|--------------------------|--------------------------------------|--------------------------|--|--------------------------------|
| -47089                | INDUCTANCE SYSTEM: 2/6/35<br>to make possible freq band selection by changing the plug-in coil sets; ea set has two aluminum shield cans mtd on steel frame; c/o four coil sets, ea set c/o one ext coil assem and one radio oec coil assem containing two grid resistors; for aircraft use; mark set A, type 47089-A, w/ freq range 3000 to 3675 kc, mark set B, type 47089-B, w/ freq range 3675 to 4525 kc, mark set C, type 47089-C, w/ freq range 6000 to 7350 kc, mark set D, type 47089-D, with freq range 7350 to 9050 kc; u/w NT-52028 Radio Transmitter; has Navy nameplate. |                     |        | 16-T-98271-1002        |                |                |                       | CBY<br>CBY<br>CBY<br>CBY | 47089A<br>47089B<br>47089C<br>47089D | CBY<br>CBY<br>CBY<br>CBY | 2260-1-A<br>2263-1-A<br>2278-1-A<br>2280-1-A<br>2284-1-A<br>2286-1-A<br>2290-1-A<br>2292-1-A | GF-2                           |
| -47090                | Inductance System: 2/19/35<br>coil container; metal case, w/ contents; contains seven inductance systems for freq bands of 300 to 610, 610 to 1210, 1210 to 2480, 2480 to 5160, 5160 to 10680, 10680 to 15820 and 15820 to 23000 kc; 15" wd x 13 1/2" h x 9 1/2" d o/a excluding handle; eight compartments; one non-rigid handle; fourteen snap fasteners inside case, two snap fasteners outside case, has Navy nameplate.   |                     |        | 16-C-170001-225        |                |                |                       | CBS                      |                                      | CBS                      |  | RAH (2)<br>RAH-1 (2)           |
| -47091                | Inductor Unit, variable: 3/7/35<br>diplex coupling unit; single wnd; unshielded, aluminum case; c/o 39 turns of 1/16" x 1/2" wire tapped at 1 1/5 turns, 1 3/5 turns, 4/5 turns, 2/5 turns from left end, tapped at 1/4 turns, 2 1/4 turns, 4 1/4 turns, 6 1/4 turns, 8 1/4 turns, 10 1/4 turns, 11 3/4 turns, 13 3/4 turns, 15 3/4 turns, 17 3/4 turns from right end; 29 3/8" lg x 15" wd x 17 5/16" h o/a; air core, air wnd; two var inductance sw; mtg bkt on case w/ four holes on 13 13/16" x 20 13/16" mtg/c; two term bolts, one on ea end; has Navy nameplate.               | RW 47F180           |        |                        | N16-C-36930    |                |                       | RW                       |                                      |                          |  | XZ-1                           |
| -47092                | CASE: 3/18/35<br>coil container; empty metal case; 5 9/16" lg x 3 1/4" wd x 3 1/8" d o/a; incl two posts, one at ea end to fit snap lock.  |                     |        | 16-C-170001-182        |                | R16-C-34180    |                       | CBY                      | 2204                                 | CBY                      |  | GF-2<br>GF-4<br>GF-11<br>RU-16 |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-15

**RESTRICTED**



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SHEET 47-16

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                            |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|--|
| -47093                | COIL, RF: 4/15/35<br>RF transf; single wnd, close wnd; shielded, rectangular metal can; ten turns #14-60 Litz wire; air core; 1" h x 1 1/2" diam o/a excluding mtg bkt and term; two mtg holes 2 3/4" c to c; two eyelet solder term; ins varnish on coil.   |                     |        | 16-C-72027-5927        |                 |                |                       | CRV  | K-801902-2<br>sub4         | CRV        |                             | DP-1<br>DP-2<br>DP-3<br>DQ                   |
| -47094                | COIL, RF: 4/29/36<br>choke coil; single wnd, universal wnd, impr; unshielded; rated 0.005 by p/m 10% at 175 kc, c/o 475 turns #36 ES wire, 44 ohms DC resistance; encl in bakelite shell 7/8" lg x 1 1/2" diam o/a; air core, form 5/8" lg x 9/16" diam; mts by two wire lead term.  |                     |        | 16-C-74875-2608        | N16-C-13164-2   |                |                       | CRV  |                            | CRV<br>CMX | K-815819-501<br>A-360149    | RAI<br>RAL-1<br>RAL-5 thru<br>RAL-8          |
| -47095                | COIL, RF: 12/23/35<br>choke coil, single wnd, multiple sect; shielded in metal can; rated 8 millihenries p/m 10%, 60 ohms p/m 10% DC resistance, 300 vacv; 1 1/2" lg x 1 7/16" wd x 1 7/16" h o/a excluding term and mtg bkt; air core, two mtg bkt w/ one 1/8" diam holes 1 13/16" c to c; two screw type term.   |                     |        | 16-C-75015-5734        | N16-C-13285-200 |                |                       | CBS  | RA-163                     | CBS        | D-50W-389 a1to              | RAG (2)<br>RAG-1 (2)<br>RAH (2)<br>RAH-1 (2) |
| -47096                | COIL, RF: 12/23/35<br>choke coil; single wnd; unshielded; c/o twenty-five turns #23 E wire, 1 5/8" lg x 1/2" diam, o/a; air core, form 1 5/8" lg x 1/2" diam; mts by one #4-40 thd hole at one end; two solder lug term.   |                     |        | 16-C-72385-5051        |                 |                |                       | CBS  | RA-119                     | CBS        | D-50X-215-A                 | RAH<br>RAH-1                                 |
| -47097                | COIL, RF: 12/23/35<br>choke coil; single wnd; unshielded; c/o fourteen turns #20 E wire; 1 5/8" lg x 1/2" diam, o/a; air core, form 1 5/8" lg x 1/2" diam; mts by two solder lug term.   |                     |        | 16-C-72168-9214        |                 |                |                       | CBS  | RA-120                     | CBS        | D-50X-215-B                 | RAH<br>RAH-1                                 |
| -47098                | Inductance Coil: 3/9/36<br>rec tuning assem; p/o NT-46043 Receiver Unit; c/o three RF transf, one band pass assem, and one oec coil assem mtd in common case; freq range 224 kc to 350 kc, and 350 kc to 545 kc; 1 1/2" lg x 4 5/8" h x 3 5/8" wd o/a; plug-in type coil; has Navy nameplate; covers ranges A and B of Navy Model RU-4, can be used interchangeably in Navy Model RU-3, RU-3a, RU-4. |                     |        | 16-T-98201-5176        |                 |                |                       | CBY  | 2852-3                     | CBY        |                             | RU-4   |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-16

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SHEET 47-17

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFOR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                           |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|---|
| -47099                | COIL ASSEMBLY, RF: 3/23/36<br>rec tuning assem; c/o two RF transf, band pass assem, osc coil assem, mtd in common case; freq range 5200 to 7700 kc; 11 1/2" lg x 4 5/8" h x 3 5/8" wd o/a; plug-in type coil; covers range M of Navy Model RU-5.  |                     |        | 16-T-98192-6301        |                |                |                       | CRV  | 2891-2                     | CRV        | 2823<br>2820                | RU-4<br>RU-16(7)<br>GF-11(7)                |
| -47100                | Loop Output Transformer: 4/1/36<br>RF transf; double wnd; unshielded; 80 microhenries inductance; 5 1/2" h x 7 1/4" lg x 4" wd o/a excluding cable connector; iron core; four 9/32" diam mtg holes on 6 5/8" x 2 1/2" mtg/a; five term inside case; has Navy nameplate; mutual inductance varied by scdr adj of coils.  |                     |        |                        | R16-T-6618     | R16-T-6420     |                       | CRV  | K-833045 sub1              | CRV        |                             | DP-4 thru<br>DP-6<br>DP-8<br>DP-10<br>DP-11 |
| -47101                | Receiver Input Transformer: 4/21/36<br>RF transf; double wnd; unshielded; 76 microhenries inductance; 5 1/2" h x 7 1/4" lg x 4" wd o/a excluding cable connector; iron core; four 9/32" diam mtg holes on 6 5/8" x 2 1/2" mtg/c; five term inside case; has Navy nameplate; mutual inductance varied by scdr adj of coils.  |                     |        |                        | R16-T-5975     | R16-T-5975     |                       | CRV  | K-833045 sub1              | CRV        |                             | DP-4 thru<br>DP-6<br>DP-8<br>DP-10<br>DP-11 |
| -47102                | Inductance System: 5/14/36<br>xmr coil set; p/o NT-52058 Transmitter-Rectifier Unit; coil A freq range 350-800 kc, coil B freq range 800-1,500 kc, coil D freq range 3,000-4,525 kc, coil E freq range 4,525-6,500 kc, coil F freq range 6,200-9,050 kc; 8 1/2" h x 10 3/16" lg x 9 5/16" d o/a; plug-in type mtg; has Navy nameplate.                                    |                     |        |                        |                |                |                       | CAY  |                            |            |                             | GP-3  |
| -47103                | Coil Antenna Loading: 5/14/36<br>snt coil; single wnd, tapped; shielded in rectangular metal case; 527 microhenrys at 500 kc, 0.763 ohms DC resistance; 7 3/4" lg x 4" wd x 7" h o/a incl term; air core; tunes by varying taps on coil; switch on front of control box; four 3/16" diam mtg holes on 2 1/2" x 4" mtg/c; two screw type term; has Navy nameplate on side. |                     |        | 16-C-76694-1756        |                | R16-C-21360    |                       | CAY  | 7705713-1                  | CAY        | P-7705893                   | GP-3  |
| -47104                | CASE: 5/14/36<br>empty carrying case for tuning unit NT-47102; metal w/black crinkle finish; felt lined; 12" lg x 10 7/8" wd x 9 11/16" thk o/a; single carrying handle on cover; eight sliding snap fasteners on cover.  |                     |        | 16-C-170001-226        |                |                |                       |      |                            |            |                             | GP-3  |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-17

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SHEET 47-18

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO   | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN               |
|-----------------------|--|---------------------|----------|------------------------|-----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|---------------------------------|
| -47105                | Dual Coil:<br>p/o NT-46048-A Receiver Unit; freq ranges: 195 to 290 kc range O, 290 to 435 kc range P; 11 1/2" lg x 4 5/8" wd x 3 5/8" thk o/a; plug-in type coil; has Navy nameplate.   | 6/16/36             |          | 16-T-98201-1601        |                 | R16-C-28810    |                       | CBY | 3283                       | CBY        | 3284<br>3283-3              | RU-5<br>RU-16 (6)<br>GF-11 (6)  |
| -47106                | COIL ASSEMBLY, RF:<br>rec tuning; p/o NT-46048-A Receiver Unit; c/o two RF transf, band pass assem, osc coil assem, mtd in common case; freq range 400 kc to 600 kc range L; 11 1/2" lg x 4 5/8" h x 3 5/8" wd o/a; plug-in type coil.   | 6/16/36             |          | 16-T-98168-8751        | R16-RK-39507    |                |                       | CBY | 3325                       | CBY<br>CBY | 3326<br>1716-1              | RU-5<br>RU-16 (6)<br>GF-11 (6)  |
| -47107                | Dual Coil Set:<br>c/o two single band pass coil sets w/gang sw, ea band c/o tuned input coil, band pass coil, two tuned coupling coils, and tuned osc coils; frq ranges: 540 to 830 kc range Q, 3,000 to 4,525 kc range G; 11 1/2" lg x 4 5/8" wd x 3 5/8" thk o/a; plug-in coil set; has Navy nameplate.  | 7/2/36              |          | 16-T-98202-3551        | R16-C-14393-106 | R16-C-28812    |                       | CBY | 2853                       | CBY        | 2858                        | RU-4a<br>RU-16 (6)<br>GF-11 (6) |
| -47108                | Dual Coil Set:<br>c/o two single band coil sets w/gang sw, ea band c/o tuned input coil, band pass coil, two tuned coupling coils, and tuned osc coils; freq range: 540 kc to 830 kc range Q, 5,200 kc to 7,700 kc range M; 11 1/2" lg x 4 5/8" wd x 3 5/8" thk o/a; plug-in coil set; has Navy nameplate.   | 7/2/36              |          | 16-T-98202-3676        | R16-C-14393-108 | R16-C-28814    |                       | CBY | 2854                       | CBY        | 2861                        | RU-4a<br>RU-16 (6)<br>GF-11 (6) |
| -47109                | COIL SET:<br>freq band selected by changing the plug-in coil sets; ea set has 5 shield cans mtd on steel frame; c/o 8 coil sets, ea set c/o 5 coil assem; for shore station use; mark set A, type 47109-A, range 200 to 450 kc, mark set B, type 47109-B, range 450 to 900 kc, mark set C, type 47109-C, range 900 to 1800 kc, mark set D, type 47109-D, range 1800 to 3600 kc, mark set E, type 47109-E, range 3600 to 5500 kc, mark set F, type 47109-F, range 5500 to 8500 kc, mark set G, type 47109-G, range 8500 to 14000 kc, mark set H, type 47109-H, range 14000 to 20000 kc; types A, B, and C can be w/v Navy Type 50045 Coupler for direction finding. | 8/4/36              | RWL3A136 | 16-T-98271-1003        |                 |                |                       | CRR |                            | CRR        |                             | DS                              |
|                       |  |                     |          |                        |                 |                |                       |     |                            |            |                             |                                 |
|                       |  |                     |          |                        |                 |                |                       |     |                            |            |                             |                                 |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-18

**RESTRICTED**

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SHEET 47-19

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR               | MANUFACTURER'S PART NUMBER | CONTRACTOR                      | CONTRACTOR'S DWG OR PART NO                                     | EQUIPMENT USED IN   |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|-----------------------|-------------------|----------------------------|---------------------------------|---|---|
| -47110                | COIL, RF: 9/26/36<br>RF choke; one wnd, four pie universal wnd; 1.7 mh, DC resistance not over 40 ohms, 0.125 amps; 1 5/8" lg x 5/8" OD, o/a excluding term; air core, isolantite core; 1 3/8" lg x 1/2" OD; mts by two wire lead term; encased in lam ins case, wax filled.<br>NOTE: IM-15 thru IM-17.  |                     |        | 16-C-74510-1869        | N16-C-13150     | R16-C-17440    |                       | CRR<br>CRR<br>CJJ | A-A1665-A<br>Special       | CRR<br>CRR<br>CRR<br>CKB<br>CKB | A-A1664<br>A-A1665<br>A-A1666<br>16-A5003-1<br>A15-A5003-1 revA | IM thru<br>IM-2<br>IM-4<br>IM-4a<br>IM-5 thru<br>IM-7<br>SEE NOTE |
| -47111                | REACTOR: 9/26/36<br>CANCELLED: use NT-30380.   |                     |        | 16-R-29592-6505        |                 |                |                       | CRP               | Special                    | CRR                             | A1716-B altB  | IM<br>IM-1  |
| -47112                | COIL ASSEMBLY, RF: 11/17/36<br>rec coil set; p/o NT-46051-A Receiver Unit; freq ranges: 400-600 kc Range L, 6,000-9,050 kc Range N; 11 3/4" lg x 4 3/8" wd x 3 5/8" d o/a; plug-in coil set; NT-23053 Dual Coil Set Local Control incl w/set.  |                     |        | 16-T-98202-1326        | N16-C-14393-104 | R16-C-28816    |                       | CBY               |                            | CBY                             | 3549-3  | RU-5a<br>RU-16<br>GF-11   |
| -47113                | COIL, RF: 12/3/36<br>choke; single wnd, 1,200 turns #30 AWG wire; unshielded; 25 millhenrys at 900 cps; 1 7/8" OD x 63/64" h o/a excluding term; ins form, air core; mts by 0.189" hole in ctr; two 7/32" h solder term on side; wax impr.   |                     |        | 16-C-75335-7355        |                 |                |                       | CW                | 50                         | CW                              | B80-610772-5  | GO-1 (5)<br>GO-2 (5)  |
| -47114                | TRANSFORMER, IF: 2/8/37<br>peak freq 1515 kc; interstage, first IF; shielded in rectangular metal can; 4" h x 1 7/8" lg x 1 7/16" wd o/a excluding term and mtg studs; isolantite form, air core; tuned pri and sec'd; variable mica capacitor tuning; two #6-32 thd x 3/8" mtg studs 1 11/32" c to c on bottom of can; one wire lead extending through top of can and three wire leads from bottom of can; incl two NT-48770 Variable Mica Capacitors, one NT-63360-252 Resistor and one NT-63360-103 Resistor; cover wax impr. |                     |        | 17-T-67751-2351        | N16-T-6077      |                |                       | CAI               | 52099 Mod13                | CG<br>CGQ<br>CEZ                | M7462407-1 rev4<br>D-TR-1017<br>TR-1017                         | TBO<br>TBO-1<br>TRX-4<br>TRX-5<br>TRX-40                          |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-19

**RESTRICTED**

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SHEET 47-20

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR       | CONTRACTOR DWG OR PART NO                | EQUIPMENT USED IN  |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------------|--|--|
| -47115                | TRANSFORMER, IF: 2/8/37<br>peak freq 1515 kc; interstage, second IF; shielded in rectangular metal can; 4" h x 1 7/8" lg x 1 7/16" wd o/a excluding term and mtg studs; isolantite form, air core, single tuned; variable mica capacitor tuning; two #6-32 thd x 3/8" mtg studs 1 11/32" c to c on bottom of can; one wire lead extending through top of can and three wire leads from bottom of can; incl one NT-48770 Variable Mica Capacitor, two NT-48772 Fixed Mica Capacitors, one NT-63360-102 Resistor and one NT-63360-205 Resistor; cerovar impr. |                     |        |                        | N16-T-6078     |                |                       | CAI  | S-2098 modified            | CG<br>CGQ<br>CHZ | 7462408-1 rev4<br>D-TR-1016<br>TR-1016   | TBO<br>TBO-1<br>TBX-4<br>TBX-5<br>TBX-4a                     |
| -47116                | COIL, RF: 2/8/37<br>RF choke; one wnd, three pie universal wnd; shielded, round metal case; 10 millihenrys, total 85 ohms DC resistance, 330 turns #36 ES wire; 1 9/16" lg x 1 1/2" OD, o/a excluding term; ceramic form, air core; two wire lead term on side.   |                     |        | 16-C-75108-9540        | N16-C-13221    |                |                       | CG   | ML-7462433-1               | CG<br>CHZ        | M-7462433-1 rev1<br>SA-1505              | TBO<br>TBO-1<br>TBX-4<br>TBX-4a                              |
| -47117                | COIL, RF: 2/8/37<br>RF choke; one wnd, three pie universal wnd; shielded, cylindrical metal can; 1650 microhenrys total, ea pie has 6 ohms DC resistance, 120 turns #30 DS wire; 2 1/8" lg x 1 13/32" OD o/a approx; air core; form 1 1/2" diam x 1 15/16" lg; mts by #8-32 thd x 3/8" d tapped hole in base; two solder lug term on side.  |                     |        | 16-C-74498-2517        | N16-C-13277    | R16-C-16919    |                       | CG   | ML-7461856-3               | CG               | 7461856-1 rev2                           | TBO<br>TBO-1   |
| -47118                | COIL, RF: 2/8/37<br>RF choke; one wnd, universal wnd; shielded cylindrical metal can; 313 microhenrys, 6 ohms DC resistance, 120 turns #30 DS wire; 2 1/8" lg x 1 13/32" OD o/a approx; ceramic form, air core; form 1 9/16" lg x 1 1/2" OD; mts by #0-32 thd x 3/8" d tapped hole in base; two solder cottar-pin type term; coil vacuum varnish impr.  |                     |        | 16-C-74056-1587        | N16-C-13219    |                |                       | CG   | ML-7461856-4               | CG<br>CGQ<br>CHZ | M-7461856-2 rev2<br>B-CL-1026<br>SA-1676 | TBO (2)<br>TBO-1 (2)<br>TBX-4 (2)<br>TBX-4a (2)<br>TBX-5 (2) |
| -47119                | COIL, RF: 6/24/37<br>match transf; freq range 1 to 30 mc; gas tight.  |                     |        |                        |                |                | 3C1082-1A             | CFI  | L-3                        |                  |  |  |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-20

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SHEET 47-21

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO   | A B O STOCK NO | SIGNAL CORPS STOCK NO    | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR  | CORR CTORS DWG OR PART NO   | EQUIPMENT USED IN  |
|-----------------------|---|---------------------|--------|------------------------|------------------|----------------|--------------------------|------------|----------------------------|---|---|--|
| -47120                | <p>COIL, RF: 1/5/38</p> <p>RF choke; one wnd, pie wnd; unshielded; 85 milli-henrys, 60 ma DC, 240 ohms DC resistance, 2,100 turns #36 wire; 1 11/16" lg x 1 1/2" OD o/a excluding term end mtg tabs; air core; two 5/32" diam holes, 1 3/4" c to c; two solder lug term on side of can.</p> <p>NOTE: NMB-2; NMC-1; QCC; QCD; QCM-1 thru QCM-4; WAA; WDA; WDA-1; WFA.</p>  |                     |        | 16-C-75556-4117        | N16-C-13298-18   |                | 30308-12                 | CHC<br>CEM | RFC-85                     | CBM   | 610-30<br>769-10<br>1000A-17 alt0<br>983-13<br>A11574-1 1ss0  | JK-2B<br>JK-5<br>NM-13<br>NM-13a<br>NM-15<br>NMA<br>SEE NOTE                         |
| -47121                | <p>COIL, RF: 1/5/38</p> <p>RF choke; single wnd; unshielded; 250 millihenrys, 420 ohms DC resistance, 60 ma; 1 13/16" lg x 1 1/2" OD, o/a excluding term and mtg tabs; bakelite form; has 5/32" diam holes 1 3/4" c to c; two solder lug term at base of coil.</p> <p>NOTE: WCA; WCA-1; WDA; WDA-1.</p>   |                     |        | 16-C-75681-5155        | N16-C-13287      |                | 30308-11                 | CHC        | RFC-250                    | CRV<br>CBM<br>CDE<br>CBM<br>CBM<br>CRR                      | W-303084-178<br>803-315<br>4124-16<br>803-120<br>803 sheet 17A<br>A-11574-2 1ss0  | QB-2<br>NMD-1<br>QCC-2<br>QCL<br>QLB<br>WBA<br>SEE NOTE                              |
| -47122                | <p>COIL, RF: 4/18/38</p> <p>RF choke; single wnd, four pie bilateral wnd; unshielded; 2.5 mh p/m 15% at 1 kc, 0.125 amp, 50 ohms p/m 10% DC resistance, 1 mmf distributed cap, ea pie c/o 222 turns #35 ES wire; 2" lg x 1/2" OD, o/a excluding leads; isolantite form, 11/32" diam x 2" lg; mts by two wire leads term from coil; varnish impr, fungus proof.</p> <p>NOTE: TCC-2; TCH; TCJ; TCJ-1; TCP-3; TDN-4; YB-2; AN/CPN-8; AN/MPN-1A; TS-28/UPN.</p> |                     |        | 16-C-74716-6606        | N16-C-13145-30   |                | 206670.1/C1<br>30326-100 | CNA        | R100                       | CRV<br>CGG<br>CDL<br>CDU<br>COL<br>CRV<br>CRR<br>CWS<br>COL | K-850820 rev3<br>24A106115 revA<br>A-17A6017 rev0<br>DD-3223-A-2<br>240 2000 00<br>E-834206 sub3<br>A-10556H<br>560509 rev 1<br>240 2100 00 | DT<br>DAB<br>MRM<br>RBO-2<br>RCH<br>TBS thru<br>TBS-8<br>TCA<br>TCC thru<br>SEE NOTE |
| -47122-A              | <p>COIL, RF: 11/1/45</p> <p>choke; single wnd four pie universal wnd w/two taps; unshielded; 2.5 mh inductance at 125 ma, 50 ohms DC resistance, ea pie c/o 222 turns #36 ES wire; 2" lg x 1/2" diam o/a excluding leads; phenolic form, air core; mtd by pigtail term; two pigtail term and two flex wire lead term; same as NT-47122 except has two taps.</p>   |                     |        | 16-C-74712-2639        | N16-C-13156-30-1 |                |                          | CNA        | R-100 modified             | CZE   | 525-116 1ssA  | OBV  |
| -47123                | <p>Inductance System: 4/21/38</p> <p>xmtr coil set; p/o NT-52081 Transmitter-Rectifier Unit; coil A freq range 350-800 kc, coil B freq range 800-1,500 kc, coil D freq range 3,000-4,525 kc; coil E freq range 4,525-6,500 kc, coil F freq range 6,200-9,050 kc; 8 1/2" h x 10 3/16" lg x 9 3/8" d o/a; plug-in type mtg; has Navy nameplate.</p>   |                     |        |                        |                  |                | R16-C-28933              | CAY        |                            | CAY   | P-7706550 sub4  | GP-4 (5)   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-21

**RESTRICTED**

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SHEET 47-22

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO                    | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|--|-------------------|
| -47124                | Plug-in Tuning Unit Container: 4/21/38<br>carrying case for tuning unit; aluminum case w/aluminum cover, black wrinkle finish; 12" lg x 10 7/8" wd x 9 11/16" thk o/a; felt lined; single carrying handle on cover; six sliding snap fasteners on cover; has Navy nameplate.   |                     |        | 16-C-170001-179        |                |                |                       | CAI |                            | CAI        | P-7706111 sub1                                 | GP-4<br>TCE       |
| -47124-A              | Plug-in Tuning Unit Container: 5/4/42<br>carrying case for tuning unit; steel case w/aluminum cover; 12" lg x 10 7/8" wd x 9 11/16" thk o/a; single carrying handle on cover; six sliding fasteners on cover; has Navy nameplate; same as NT-47124 except for case material.   |                     |        | 16-C-170001-228        |                | R16-C-34190    |                       | CAI |                            | CAI        | P-7708740 sub0                                 | GP-7              |
| -47125                | EXTERNAL ANTENNA LOADING COIL: 4/21/38<br>adj electrical length of ant; c/o coil, 2 term, and rotary sw; phenol fiber and aluminum alloy case, black wrinkle finish; 350 to 540 kc freq range; rectangular case; case dimes 6 7/8" h x 4" wd x 5 15/16" d, less knob and term; four 0.180" csk holes on 2 1/2" x 4" mtg/c on LH side of case; Navy nameplate on front of case. |                     |        | 16-C-91710-7931        |                |                |                       | CAI | P-7706519                  | CAI        | P-7706519 sub 0                                | GP-4              |
| -47126                | COIL, RF: 4/19/38<br>RF choke; one wnd, three layers; unshielded; 33 turns #16 E wire; phenolic form, air core; form 3/8" diam; two term.  | BA69F322            |        |                        |                |                |                       | RW  |                            |            |  | DT                |
| -47127                | Coil Set: 4/26/38<br>p/o NT-52063-A; coil A freq range 2,000 to 2,500 kc, coil B freq range 2,450 to 3,250 kc, coil C freq range 2,950 to 3,700 kc, coil D freq range 3,650 to 4,550 kc; plug-in coil set; has Navy nameplate.   |                     |        |                        |                |                |                       |     |                            | CBY        | 4839-2<br>4832-2<br>2258-2<br>2295-2           | GP-6              |
| -47128                | Coil Set: 4/26/38<br>p/o NT-46064 Receiver Unit; coil A freq range 200 to 400 kc, coil B freq range 1,000 to 2,000 kc, coil C freq range 200 to 380 and 2,000 to 3,700 kc, coil D freq range 200 to 380 and 3,100 to 5,600 kc, coil E freq range 530 to 1,000 and 2,000 to 3,700 kc; 11 1/2" lg x 4 5/8" wd x 3 5/8" thk o/a; plug-in coil set; has Navy nameplate.            |                     |        |                        |                |                |                       |     |                            | CBY        | 5701-3<br>5702-3<br>4882-3<br>4887-3<br>4847-3 | RU-8              |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |  |                   |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |  |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-22

**RESTRICTED**

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SHEET 47-23

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -47129                | TRANSFORMER, RF: 4/29/38<br>RF transf, band 1; two wnd; oval, metal shield can; pri has 0.03 ohms DC resistance, secd has 0.46 and 1.21 ohms DC resistance, band 1 has freq range 200 to 500 kc, band 2 has freq range 475 to 800 kc; pri and secd both tapped; 1 7/16" h x 1 3/8" lg x 1 1/8" wd o/a excluding term; iron core; mts by two screws in base; five solder lug term on top of can.   |                     |        |                        |                |                |                       | CRR | A-11429                    | CRR<br>CRR | A-11429 1ae0<br>AC55310-1   | DU<br>DV<br>DW    |
| -47130                | TRANSFORMER, RF: 4/29/38<br>RF transf, band 3; two wnd, pri tapped; oval, metal shield can; pri has 0.05 ohms DC resistance, secd has 0.14 ohms DC resistance, freq range 800 to 1,800 kc; 1 7/16" h x 1 3/8" lg x 1 1/8" wd o/a excluding term; iron core; mts by two screws in base; four solder lug term on top.   |                     |        | 17-T-81049-1066        |                |                |                       | CRR | A11351-1                   | CRR<br>CRR | A11351-1 1aeA<br>AC55310-2  | DU<br>DV<br>DW    |
| -47131                | TRANSFORMER, RF: 4/29/38<br>RF transf, band 4; two wnd, pri tapped; oval, metal shield can; freq range 1,800 to 4,000 kc, pri has 0.03 ohms DC resistance, secd has 0.05 ohms DC resistance; 1 7/16" h x 1 3/8" lg x 1 1/8" wd o/a excluding term; iron core; mts by two screws in base; four solder lug term on top of can.  |                     |        |                        | N16-T-7152     |                |                       | CRR | A11351-2                   | CRR<br>CRR | A11351-2 1aeA<br>AC55308-1  | DU                |
| -47132                | TRANSFORMER, RF: 4/29/38<br>RF transf, band 5; two wnd; round, metal shield can; freq range 4,000 to 8,000 kc, pri has 0.02 ohms DC resistance, secd has 0.01 ohms DC resistance; 1 5/16" h x 2" diam, o/a excluding term; iron core; four solder lug term on top of can.   |                     |        |                        |                |                |                       | CRR | A11364                     | CRR<br>CRR | A11364 1aeA<br>AC55309-1    | DU                |
| -47133                | Antenna Loading Coil: 6/27/38<br>ant loading coil; bank wnd, single wnd, tapped; shielded, rectangular metal can; freq range 350 to 540 kc; ea coil, 87 turns w/tap at 55 turns #81-x 38. Litz wire; 4" wd x 7" h x 7 3/4" lg o/a excluding term; air core; form 2 1/8" diam; knob on front panel (five position sw); four 3/16" holes in side for mtg; two screw term on stand-off ins on top of case; has Navy nameplate and dial marks on front panel. |                     |        | 16-C-76503-4597        |                |                |                       |     |                            | CW         | E80-610462 1ae2             | GN                |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-23

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SHEET 47-24

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN              |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|--------------------------------|
| -47134                | Antenna Loading Coil: 7/7/38<br>RF transf; single, tapped vnd; shielded, rectangular metal can; 88 turns Litz wire #64-36 AWG, eight taps, #1 at 18 turns, #2 at 29 1/4 turns, #3 at 40 1/4 turns, #5 at 58 1/4 turns, #6 at 67 turns, #7 at 74 turns, #8 at 82 turns; 16 7/8" lg x 12 7/8" h x 16 9/16" wd; isolantite form, air core; form 6" OD; incl three binding posts on front, rotary sw, rubber feet; for use on ships and semi-portable use, has Navy nameplate. |                     |        |                        |                |                |                       | CG   | 4MY5A1                     | CG         | Photo-522541                | TBR<br>TBR-1                   |
| -47135                | Coil Set: 11/2/38<br>xmtr coil set; u/v NT-52063-A Transmitter; freq range 2,000-2,500 kc; 3 1/8" wd x 3 1/4" d x 5 9/16" lg o/s; plug-in coil set; has Navy nameplate; interchangeable w/coil A of NT-47127.  |                     |        | 16-T-98180-7801        |                |                |                       | CW   | 200A                       | CBY        | 4839                        | GF-7<br>GF-11<br>RU-16         |
| -47136                | Coil Set: 11/2/38<br>xmtr coil set; p/o NT-52063-A Transmitter; freq range 2,500-3,200 kc; 5 1/2" lg x 3 1/4" wd x 3 1/8" d o/s; plug-in coil set, has Navy nameplate; interchangeable w/coil B of NT-47127.   |                     |        | 16-T-98184-8081        |                |                |                       | CBY  |                            | CBY        | 4832                        | GF-7<br>GF-11 (3)<br>RU-16 (3) |
| -47137                | Coil Set: 11/2/38<br>xmtr coil set; p/o NT-52063-A Transmitter; freq range 3,000-3,675 kc; 5 1/2" lg x 3 1/4" wd x 3 1/8" d o/s; plug-in coil set, has Navy nameplate; interchangeable w/coil C of NT-47127 or coil A of NT-47089.   |                     |        | 16-T-98185-2081        |                |                |                       | CBY  |                            | CBY        | 2258                        | GF-7<br>GF-11<br>RU-16         |
| -47138                | Coil Set: 12/5/38<br>xmtr coil set; p/o NT-52063-A Transmitter; freq range 3,675-4,525 kc; 5 1/2" lg x 3 1/4" wd x 3 1/8" d o/s; plug-in coil set, has Navy nameplate; interchangeable w/coil D of NT-47127 or coil B of NT-47089.   |                     |        | 16-T-98188-7761        |                |                |                       | CBY  |                            | CBY        | 2295                        | GF-7<br>GF-11 (3)<br>RU-16 (3) |
| -47139                | Coil Set: 12/5/38<br>xmtr coil set; p/o NT-52063-A Transmitter; freq range 4,000-4,900 kc; 5 1/2" lg x 3 1/4" wd x 3 1/8" d o/s; plug-in coil set; has Navy nameplate.   |                     |        | 16-T-98188-9751        |                |                |                       | CBY  | 5979                       | CBY        | 5979                        | GF-7<br>GF-11 (3)<br>RU-16 (3) |
| -47140                | Coil Set: 12/5/38<br>xmtr coil set; p/o NT-52063-A Transmitter; freq range 4,900-6,000 kc; 5 1/2" lg x 3 1/4" wd x 3 1/8" d o/s; plug-in coil set; has Navy nameplate.   |                     |        | 16-T-98192-1201        |                |                |                       | CBY  | 3422                       | CBY        | 3422                        | GF-7<br>GF-11 (3)<br>RU-16 (3) |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-24

**RESTRICTED**

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SHEET 47-25

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN              |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|--------------------------------|
| -47141                | Coil Set: 12/5/38<br>xmtr coil set; p/o NT-52063-A Transmitter; freq range 6,000-7,350 kc; 5 1/2" lg x 3 1/4" wd x 3 1/8" d o/a;<br>plug-in coil set; has Navy nameplate; interchangeable w/coil C of NT-47089.                                     |                     |        | 16-T-98195-4351        |                |                |                       | CBY | 2296                       | CBY        | 2296                        | GF-7<br>GF-11 (3)<br>RU-16 (3) |
| -47142                | Coil Set: 12/5/38<br>xmtr coil set; p/o NT-52063-A Transmitter; freq range 7,350 to 9,050 kc; 5 1/2" lg x 3 1/4" wd x 3 1/8" d o/a; plug-in coil set; has Navy nameplate; interchangeable w/coil D of NT-47089.                                     |                     |        | 16-T-98198-5081        |                |                |                       | CBY | 2297                       | CBY        | 2297                        | GF-7<br>GF-11 (3)<br>RU-16 (3) |
| -47143                | Coil Set: 12/5/38<br>rec coil set; p/o NT-46064 Receiver Unit; freq range ZB, 200-400 kc; 11 1/8" lg x 3 3/4" wd x 3 1/2" d o/a; plug-in coil set; has Navy nameplate.  |                     |        | 16-T-98163-3201        |                |                |                       | CBY | 5701                       | CBY        | 5701                        | RU-9                           |
| -47144                | Coil Set: 12/5/38<br>rec coil set; p/o NT-46064 Receiver Unit; freq range ZE, 1,000-2,000 kc; 11 1/8" lg x 3 3/4" wd x 3 1/2" d o/a; plug-in coil set; has Navy nameplate.  |                     |        | 16-T-98177-1601        |                |                |                       | CBY | 5702                       | CBY        | 5702                        | RU-9                           |
| -47145                | Dual Coil Set: 12/5/38<br>rec coil set; p/o NT-46064 Receiver Unit; freq range ZA, 200-380 kc, freq range ZF, 2,000-3,750 kc;<br>11 3/4" lg x 4 3/8" wd x 3 5/8" d o/a; plug-in coil set; has Navy nameplate; interchangeable w/coil C of NT-47128. |                     |        | 16-T-98201-2476        |                |                |                       | CBY | 4882                       | CBY        | 4882                        | RU-9                           |
| -47146                | Dual Coil Set: 12/5/38<br>rec coil set; p/o NT-46064 Receiver Unit; freq range ZA, 200-380 kc, freq range ZG, 3,100-5,600 kc;<br>11 3/4" lg x 4 3/8" wd x 3 5/8" d o/a; plug-in coil set; has Navy nameplate; interchangeable w/coil D of NT-47128. |                     |        | 16-T-98201-2576        |                |                |                       | CBY | 4887                       | CBY        | 4887                        | RU-9                           |
| -47146-A              | Dual Coil Set: 2/28/40<br>p/o NT-46064 Receiver Unit; freq range ZR 200 to 394 and freq range ZG 3,100 to 5,600 kc; 11 1/2" lg x 4 5/8" wd x 3 5/8" thk o/a; plug-in coil set; has Navy nameplate.  |                     |        |                        |                |                |                       | CBY | 6702                       | CBY        | 6702                        | RU-15                          |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                                |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                                |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-25

**RESTRICTED**

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SHEET 47-26

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO    | EQUIPMENT USED IN              |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|--------------------------------|--------------------------------|
| -47147                | Dual Coil Set: 12/5/38<br>rec coil set; p/o NT-46064 Receiver Unit; freq range ZA, 200-380 kc, freq range ZH, 5,500-9,050 kc; 11 3/4" lg x 4 3/8" wd x 3 5/8" d o/a; plug-in coil set; has Navy nameplate.   |                     |        | 16-T-98201-2676        |                |                |                       | CBY | 6021                       | CBY        | 6021                           | RU-9                           |
| -47147-A              | Dual Coil Set: 2/28/40<br>p/o NT-46064 Receiver Unit; freq range ZR 200 to 394 and freq range ZH 5,500 to 9,050 kc; 11 1/2" lg x 4 5/8" wd x 3 5/8" thk o/a; plug-in coil set; has Navy nameplate.   |                     |        | 16-T-98201-3496        |                |                |                       | CBY | 6705                       | CBY        | 6705                           | RU-15                          |
| -47148                | Dual Coil Set: 12/5/38<br>rec coil set; p/o NT-46064 Receiver Unit; freq range ZD 530-1,000 kc and freq range ZF 2,000-3,700 kc; 11 3/4" lg x 4 3/8" wd x 3 5/8" d o/a; plug-in coil set; has Navy nameplate; interchangeable w/coil E of NT-47128.  |                     |        | 16-T-98202-2961        |                |                |                       | CBY | 4847                       | CBY        | 4847                           | RU-9                           |
| -47149                | COIL, RF: 12/20/38<br>filter choke; single wnd; unshielded; 35.5 milli-henrys p/m 5% at 1000 cps, 25v, 10.5 ohms DC resistance; 2 5/16" lg x 7/8" diam o/a excluding term; bakelite form, laminated iron core; two #6-32 tapped holes 1 3/4" c to c, strap mtd; two solder tab term one end of coil; varnish impr. |                     |        | 16-C-75396-3723        |                |                |                       | CBY | 2998                       | CBY        | 2998-1-C chg2                  | GP-6<br>RU-8<br>GP-11<br>RU-16 |
| -47150                | Tuning Unit: 1/11/39<br>xmtr coil set; freq range 350-800 kc; 8 1/2" h x 10 13/16" wd x 9 1/2" d o/a; plug-in type mtg; has Navy nameplate; same as Range A of NT-47123.   |                     |        | 16-T-98023-1501        | N16-U-1070     | R16-C-28940    |                       | CAY |                            | CAY<br>CAY | DL-7502217-1<br>P-7706317 sub2 | GP-4a<br>GP-5<br>TCE<br>TCE-1  |
| -47150-A              | Tuning Unit: 1/14/42<br>xmtr coil set; freq range 350-800 kc; 8 1/2" h x 10 13/16" wd x 9 1/2" d o/a; plug-in type mtg; has Navy nameplate; same as NT-47150 except dial is fabricated instead of cast.  |                     |        | 16-T-98023-1506        | N16-U-1070     | R16-C-28940    |                       | CAY |                            | CAY        | P-7706317 sub3                 | GP-7                           |
| -47151                | Tuning Unit: 1/11/39<br>xmtr coil set; freq range 800 to 1,500 kc; 8 1/2" h x 10 13/16" wd x 9 1/2" d o/a; plug-in type mtg; has Navy nameplate; same as Range B of NT-47123.  |                     |        | 16-T-98035-5826        | N16-U-1075     | R16-C-28942    |                       | CAY |                            | CAY<br>CAY | DL-7502218-1<br>P-7706317 sub2 | GP-4a<br>GP-4<br>TCE<br>TCE-1  |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                                |                                |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                                |                                |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-26

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SHEET 47-27

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO    | EQUIPMENT USED IN                     |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|--------------------------------|---------------------------------------|
| -47151-A              | Tuning Unit: 1/14/42<br>xmtr coil set; freq range 800 to 1,500 kc; 8 1/2" h x 10 13/16" wd x 9 1/2" d o/a; plug-in type mtg; has Navy nameplate; same as NT-47151 except dial is fabricated instead of cast.   |                     |        | 16-T-98035-5831        |                |                |                       | CAY |                            | CAY        | P-7706317 sub3                 | GP-7                                  |
| -47152                | Tuning Unit: 1/11/39<br>xmtr coil set; freq range 3,000 to 4,525 kc; 8 1/2" h x 10 13/16" wd x 9 1/2" d o/a; plug-in type mtg; has Navy nameplate; similar to Range D of NT-47123 except antenna load coil rated 41 microhenrys inductance and antenna tap sw has five taps. |                     |        | 16-T-98046-5996        | N16-U-1076     | R16-C-28914    |                       | CAY |                            | CAY        | DC-7502220-1<br>P-7706317 sub2 | GP-4a<br>GP-5<br>TCE<br>GP-4<br>TCE-1 |
| -47152-A              | Tuning Unit: 1/14/42<br>xmtr coil set; freq range 3,000 to 4,525 kc; 8 1/2" h x 10 13/16" wd x 9 1/2" d o/a; plug-in type mtg; has Navy nameplate; same as NT-47152 except dial is fabricated instead of cast.   |                     |        | 16-T-98046-6001        |                |                |                       | CAY |                            | CAY        | P-7706317 sub3                 | GP-7                                  |
| -47153                | Tuning Unit: 1/11/39<br>xmtr coil set; freq range 4,525 to 6,000 kc; 8 1/2" h x 10 13/16" wd x 9 1/2" d o/a; plug-in type mtg; has Navy nameplate; same as Range E of NT-47123.  |                     |        | 16-T-98050-9134        | N16-U-1077     | R16-C-28950    |                       | CAY |                            | CAY        | DC-7502221-1<br>P-7706317 sub2 | GP-4a<br>GP-5<br>TCE<br>TCE-1         |
| -47153-A              | Tuning Unit: 1/14/42<br>xmtr coil set; freq range 4,525 to 6,000 kc; 8 1/2" h x 10 13/16" wd x 9 1/2" d o/a; plug-in type mtg; has Navy nameplate; same as NT-47153 except dial is fabricated instead of cast.   |                     |        | 16-T-98050-9139        |                |                |                       | CAY |                            | CAY        | P-7706317 sub3                 | GP-7                                  |
| -47154                | Tuning Unit: 1/11/39<br>xmtr coil set; freq range 6,200 to 9,050 kc; 8 1/2" h x 10 13/16" wd x 9 1/2" d o/a; plug-in type mtg; has Navy nameplate; same as Range F of NT-47123.  |                     |        | 16-T-98055-5826        |                | R16-C-28955    |                       | CAY |                            | CAY        | DC-7502222-1<br>P-7706317 sub2 | GP-4a<br>GP-5<br>TCE<br>TCE-1         |
| -47154-A              | TUNING UNIT: 1/14/42<br>xmtr coil set; freq range 6,200 to 9,050 kc; 8 1/2" h x 10 13/16" lg x 9 1/2" d o/a; plug-in type mtg; has Navy nameplate; same as NT-47154 except dial is fabricated instead of cast.   |                     |        | 16-T-98055-5831        |                | R16-C-28955    |                       | CAY |                            | CAY        | P-7706317 sub3                 | GP-7                                  |
| -47155                | Tuning Unit: 9/13/39<br>xmtr coil set; freq range 1,500 to 3,000 kc; 8 1/2" h x 10 13/16" wd x 9 1/2" d o/a; plug-in type mtg, fabricated type dial; has Navy nameplate.   |                     |        | 16-T-98042-5489        | N16-U-105      | R16-C-28960    |                       | CAY |                            | CAY        | DC-7502219-1<br>P-7706317 sub3 | GP-4a<br>TCE<br>TCE-1                 |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-27

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SHEET 47-28

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|----------------------------|-------------------|
| -47155-A              | CANCELLED.   |                     |        |                        |                |                |                       |      |                            |            |                            |                   |
| -47156                | Coil Set; 10/12/39<br>rec coil set; freq range 190-450 kc, band 1; 10" lg x 5 3/8" d x 2 7/16" h o/a; plug-in coil type mtg; has Navy nameplate; incl calibration chart and frame and logging chart and frame. |                     |        | 16-T-98161-6106        | N16-T-7199-40  |                |                       | CNA  |                            | CNA        |                            | RAS thru RAS-5    |
| -47157                | Coil Set; 10/12/39<br>rec coil set; freq range 450-900 kc, band 2; 10" lg x 5 3/8" d x 2 7/16" h o/a; plug-in coil type mtg; has Navy nameplate; incl calibration chart and frame and logging chart and frame. |                     |        | 16-T-98170-3622        | N16-T-7199-44  |                |                       | CNA  |                            | CNA        |                            | RAS thru RAS-5    |
| -47158                | Coil Set; 10/12/39<br>rec coil set; freq range 0.9-2.0 mc band 3; 10" lg x 5 3/8" d x 2 7/16" h o/a; plug-in coil type mtg; has Navy nameplate; incl calibration chart and frame and logging chart and frame.  |                     |        | 16-T-98176-9951        | N16-T-7199-50  |                |                       | CNA  |                            | CNA        |                            | RAS thru RAS-5    |
| -47159                | Coil Set; 10/12/39<br>rec coil set; freq range 2-4 mc, band 4; 10" lg x 5 3/8" d x 2 7/16" h o/a; plug-in coil type mtg; has Navy nameplate; incl calibration chart and frame and logging chart and frame.     |                     |        | 16-T-98182-1076        | N16-T-7199-55  |                |                       | CNA  |                            | CNA        |                            | RAS thru RAS-5    |
| -47160                | Coil Set; 10/12/39<br>rec coil set; freq range 4-7 mc, band 5; 10" lg x 5 3/8" d x 2 7/16" h o/a; plug-in coil type mtg; has Navy nameplate; incl calibration chart and frame and logging chart and frame.     |                     |        | 16-T-98190-2851        | N16-T-7199-57  |                |                       | CNA  |                            | CNA        |                            | RAS thru RAS-5    |
| -47161                | Coil Set; 10/12/39<br>rec coil set; freq range 7-14 mc, band 6; 10" lg x 5 3/8" d x 2 7/16" h o/a; plug-in coil type mtg; has Navy nameplate; incl calibration chart and frame and logging chart and frame.    |                     |        | 16-T-98198-4316        | N16-T-7199-60  |                |                       | CNA  |                            | CNA        |                            | RAS thru RAS-5    |
| -47162                | Coil Set; 10/12/39<br>rec coil set; freq range 14-30 mc, band 7; 10" lg x 5 3/8" d x 2 7/16" h o/a; plug-in coil type mtg; has Navy nameplate; incl calibration chart and frame and logging chart and frame.   |                     |        | 16-T-98200-4556        | N16-T-7199-63  |                |                       | CNA  |                            | CNA        |                            | RAS thru RAS-5    |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-28

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SHEET 47-29

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN        |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|--------------------------|
| -47163                | Coil Set: 10/12/39<br>rec coil set; freq range 175 to 400 kc; 2 7/16" h x 10 3/8" lg x 5 1/4" d o/a; plug-in coil type mtg; has Navy nameplate; incl calibration chart w/frame and logging chart w/frame fastened on front.       |                     |        | 16-T-98161-5726        |                |                |                       | CNA |                            | CNA        | E-901 chg0                  | RAW<br>RBJ thru<br>RBJ-4 |
| -47164                | Coil Set: 10/12/39<br>rec coil set; freq range 480 to 900 kc; 2 7/16" h x 10 3/8" lg x 5 1/4" d o/a; plug-in coil type mtg; has Navy nameplate; incl calibration chart w/frame and logging chart w/frame fastened on front panel. |                     |        | 16-T-98170-5140        |                |                |                       | CNA |                            | CNA        | E-901 chg0                  | RAW<br>RBJ thru<br>RBJ-4 |
| -47165                | Coil Set: 10/12/39<br>rec coil set; freq range 0.9 to 2 mc; 2 7/16" h x 10 3/8" lg x 5 1/4" d o/a; plug-in coil type mtg; has Navy nameplate; incl calibration chart w/frame and logging chart w/frame fastened on front panel.   |                     |        | 16-T-98176-9076        |                |                |                       | CNA |                            | CNA        | E-901 chg0                  | RAW<br>RBJ thru<br>RBJ-4 |
| -47166                | Coil Set: 10/12/39<br>rec coil set; freq range 2 to 4 mc; 2 7/16" h x 10 3/8" lg x 5 1/4" d o/a; plug-in coil type mtg; has Navy nameplate; incl calibration chart w/frame and logging chart w/frame fastened on front panel.     |                     |        | 16-T-98182-1101        |                |                |                       | CNA |                            | CNA        | E-901 chg0                  | RAW<br>RBJ thru<br>RBJ-4 |
| -47167                | Coil Set: 10/12/39<br>rec coil set; freq range 4 to 7 mc; 2 7/16" h x 10 3/8" lg x 5 1/4" d o/a; plug-in coil type mtg; has Navy nameplate; incl calibration chart w/frame and logging chart w/frame fastened on front panel.     |                     |        | 16-T-98190-2900        |                |                |                       | CNA |                            | CNA        | E-901 chg0                  | RAW<br>RBJ thru<br>RBJ-4 |
| -47168                | Coil Set: 10/12/39<br>rec coil set; freq range 7 to 14 mc; 2 7/16" h x 10 3/8" lg x 5 1/4" d o/a; plug-in coil type mtg; has Navy nameplate; incl calibration chart w/frame and logging chart w/frame fastened on front panel.    |                     |        | 16-T-98198-4351        |                |                |                       | CNA |                            | CNA        | E-901 chg0                  | RAW<br>RBJ thru<br>RBJ-4 |
| -47169                | Coil Set: 10/12/39<br>rec coil set; freq range 14 to 30 mc; 2 7/16" h x 10 3/8" lg x 5 1/4" d o/a; plug-in coil type mtg; has Navy nameplate; incl calibration chart w/frame and logging chart w/frame fastened on front panel.   |                     |        | 16-T-98200-4576        |                |                |                       | CNA |                            | CNA        | E-901 chg0                  | RAW<br>RBJ thru<br>RBJ-4 |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                          |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                          |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-29

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SHEET 47-30

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|----------------------------------|
| -47170                | COIL, RF: 12/21/39<br>choke; single wnd, helical wnd; unshielded; 250 millihenry p/m 20% at 50 kc, 60 milliamperes max, 450 ohms DC resistance; 4300 turns #36 E wire;<br>1 13/16" lg x 2 3/16" diam, o/a; moulded phenolic case bakelite; 2 mtg holes in base 0.149" diam on 1 1 3/4" ctr; 2 stud terminals on base tapped #4-40, screws supplied; case marked "R.F. Choke Coil 250 M.H. Type 119"; case wax sealed.   |                     |        | 16-C-75681-5310        |                |                |                       | CAG  | 119-A                      |            |                             | RF-a<br>RF-a                     |
| -47171                | TRANSFORMER, RF: 12/28/40<br>ant coupling unit; two wnd; rectangular, bronze casting shield; pri DC resistance 0.4 ohms when two coils are series connected, secd has 0.4 ohms DC resistance when two coils are series connected, freq range 200 to 4,000 kc; 5 1/8" h x 8 9/32" lg x 6 7/8" wd o/a excluding fittings; iron core; form 1/2" approx ID; adj core; knob on panel; four 1/4" diam mtg holes in base; one term on ins shell; has term connected to case and shield separating coils, gas filled. | RA66F208B           |        | 17-T-81406-1881        | N16-C-14631    |                |                       | CW   | 137A                       |            |                             | RF-50067<br>RF-50068<br>RF-50069 |
| -47172                | COIL, RF: 2/27/41<br>RF choke; 4 pie wnd; unshielded; rated 2 1/2 millihenries, 200 ma, DC resistance 26 ohms; 1 1/2" lg x 7/8" OD, o/a; air core; 860 turns #34 SSE wire; 2 solder lug term on form; polystyrene lmpr; 2 brass strips riveted to ea lug.   |                     |        | 16-C-74737-4755        |                |                |                       | CEM  | 4537                       | CYJ        |                             | TCQ<br>RCD                       |
| -47173                | TRANSFORMER, RF: 5/1/41<br>input 125 amp RF, output 5 amp.  |                     |        |                        |                |                |                       | CG   | M-7465652-1                | CG         | M-7465652-1                 | TOG                              |
| -47174                | TRANSFORMER, RF: 5/1/41<br>input 200 amp RF, output 5 amp.  |                     |        |                        |                |                |                       | CG   | M-7465652-2                | CG         | M-7465652-2                 | TOG                              |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-30

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**RESTRICTED**

SHEET 47-31

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O S OCK NO  | A S O STOCK NO | SIGNAL CORP STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR        | CONTRACTOR'S DWG OR PART NO                         | EQUIPMENT USED IN                   |
|-----------------------|---|---------------------|--------|------------------------|-----------------|----------------|----------------------|-----|----------------------------|-------------------|---|-------------------------------------|
| -47175                | COIL, RF: 5/10/41<br>RF choke; one wnd, single layer; unshielded; rated 2.5 microhenrys, 200 ma, DC resistance 0.07 ohms, 40 turns #24 DSC copper wire, 0.4 mmf distributed cap; 1 1/2" lg x 1 1/4" diam o/a excluding leads; alsimg form, air core; mtd by two ferrules on ends of form; two wire lead term on top of form.                |                     |        | 16-C-72884-1496        |                 |                |                      | CYM | 4528                       | CYM               | 4104-2  | YB-1<br>YB-2(9)                     |
| -47176                | COIL, RF: 5/16/41<br>RF choke; single wnd, four sect; unshielded; rated 8 millihenrys at 125 ma max, DC resistance 70 ohms; 1 3/8" lg x 7/8" OD o/a excluding leads and mtg bkt; ceramic form, air core; two 1/8" diam mtg holes 1 13/16" c to c; wax impr.   |                     |        | 16-C-75020-2317        | N16-C-13156-140 |                | 3C308                | CHC | CH-8                       | CRV<br>CDE<br>CHC | K-874173-1 sub1<br>1772 rev0<br>1772                | YB-1<br>SD-1 (2)<br>thru<br>SD-4(2) |
| -47177                | COIL, RF: 5/16/41<br>RF choke; one wnd, honeycomb wnd; unshielded; rated 4.35 millihenrys max at 400 kc, 0.75 amp, DC resistance 6.4 ohms nominal; 3/8" lg x 2 3/16" OD o/a excluding leads; bakelite form, air core; mts by 1" diam hole in ctr of form; two wire lead term, one from inside surface and one from outside surface of coil. |                     |        | 16-C-74849-3558        | N16-C-13177     |                |                      | CAY | L303476                    | CAY<br>CAY<br>CDE | M-7405019 sub15<br>T-7607503-6<br>sub1<br>1796 rev0 | YB-1<br>TDE thru<br>TDE-3           |
| -47178                | COIL, RF: 5/16/41<br>RF choke; single wnd, honeycomb wnd; unshielded; rated 6.85 millihenrys, 1.75 ohms DC resistance, wnd w/ #18 DC wire; 1" lg x 4 3/8" OD o/a excluding term; mts by 1" diam hole in ctr of form; two wire lead term, one from inside surface and one from outside surface of coil.                                      |                     |        | 16-C-74980-1828        |                 |                |                      | CAY | L-303485                   | CDE               | 1797 rev0   | YB-1                                |
| -47179                | COIL, RF: 6/6/41<br>RF choke; single wnd, four pie universal wnd; unshielded; rated 2.5 millihenrys, 125 ma, 50 ohms DC resistance, 1 mmf distributed cap; 1 15/16" lg x 1/2" OD o/a excluding term; isolantite form; has #6-32 thd x 3/8" d tapped in one end of form for mtg; two solder term, one at ea end of coil.                     |                     |        | 16-C-74714-8416        |                 |                |                      | CNA |                            | CG                | K-7875538 rev2                                      | TCX                                 |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-31

**RESTRICTED**



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SHEET 47-32

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | COMTRACTOR | CONTRACTOR'S DWG OR PART NO           | EQUIPMENT USED IN            |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|---------------------------------------|------------------------------|
| -47180                | COIL, RF: 6/26/41<br>input transf; 1 wnd of 2 pies, spaced 3/8", universal wnd, w/4 crosses per turn; rectangular, metal shield can; mutual inductance varied by coils position changes, for freq range 100 to 1500 kc, 256 microhenries inductance; ea pie has 94 turns #41ES Litz wire, tapped at 28 and 40 turns, total turns 188; 5 3/4" lg x 5 1/2" wd x 4" h, o/a less mtg; steatite ceramic form w/powdered iron core; 1/2" OD x 3/8" ID x 2 3/8" lg; pie spacing adj; int adj by hand; mtd by four 9/32" diam holes on 6 5/8" x 2 1/2" mtg/c; has shielded cable between transf and rec; for use when transmission line exceeds 10 ft. |                     |        | 16-C-72668-2180        | N16-T-5984     |                |                       | CRV |                            | CRV        | K-866352-501<br>sub 0<br>K-855784-501 | DP-12<br>DP-13<br>DQ-5       |
| -47181                | Coil Set: 9/4/41<br>rec coil set; p/o NF-46081 Receiver; freq range 50 to 100 kc, band 00; 10 3/8" lg x 5 3/8" d x 2 7/16" h o/a; plug-in coil type mtg; has Navy nameplate.   |                     |        | 16-T-98161-2351        |                |                |                       | CNA |                            | CNA        | E-901 rev0                            | RBJ thru<br>RBJ-4            |
| -47182                | Coil Set: 9/4/41<br>rec coil set; p/o NF-46081 Receiver; freq range 100 to 200 kc, band 0; 10 3/8" lg x 5 3/8" d x 2 7/16" h o/a; plug-in coil type mtg; has Navy nameplate.   |                     |        | 16-T-98161-3701        |                |                |                       | CNA |                            | CNA        | E-901 chg0                            | RBJ thru<br>RBJ-4            |
| -47183                | COIL, RF: 11/5/41<br>Retardation Coil; single wnd, duolateral wnd; unshielded; rated 40.7 millihenrys to 43.2 millihenrys, 120 ohms DC resistance, 2040 turns #34 IS wire, 65 ma max; approx 1 1/8" OD x 1 5/32" lg, o/a excluding term; air core, phenol plastic form; mts by 1" diam hole in ctr of form; two solder lug term on base.   |                     |        | 16-C-75432-2287        |                |                |                       | CW  | 200D                       | CW         | ES-682036-1 iss2                      | SJ                           |
| -47184                | SUPPRESSOR, parasitic: 11/19/41<br>resistor and coil type; 1 1/32" lg x 5/8" OD o/a excluding leads; 10 turns 1/32" diam E wire spaced 1/64" wnd on 250 ohms 1/2w resistor; uncased; one wire lead term from ea end of coil used for mtg; varnish impr.  |                     |        | 16-S-89867-8226        | N16-N-493-16   |                |                       | CRV | K-855908-503               | CRV        | K-855908-503<br>sub1                  | YE-1(4)<br>YE (4)<br>YE-2(4) |
| -47184-A              | SUPPRESSOR, parasitic: 11/19/41<br>resistor and coil type; 1 1/32" lg x 5/16" OD o/a excluding leads; 10 turns 1/32" diam E wire spaced 1/64" wnd on 250 ohms 1/2w resistor; uncased; one wire lead term used for mtg and one flex ins lead term w/grid clip on the end; varnish impr; same as CRV-47184 except for flex lead w/grid clip.   |                     |        | 16-S-89867-8241        | N16-N-493-15   |                |                       | CRV | K-855908-501               | CRV        | K-855908-501<br>sub1                  | YE-1(5)<br>YE(5)<br>YE-2(5)  |

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NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-32

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SHEET 47-33

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO  | EQUIPMENT USED IN  |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|-----------------------|-----|----------------------------|------------|--|--|
| -47185                | SUPPRESSOR, parasitic:<br>resistor and coil type; 1 3/4" lg x 5/16" OD o/a excluding leads; 15 turns 1/32" diam E wire spaced 1/16" wnd on 250 ohms 2w resistor; uncased; one wire lead term from ea end of coil used for mtg; varnish impr.   | 11/19/41            |        | 16-B-89881-4255        | N16-N-493-45    |                |                       | CRV | K-855908-502               | CRV        | K-855908-502<br>sub1   | YE-1(2)<br>YE (2)<br>YE-2(2)                                       |
| -47186                | SUPPRESSOR, parasitic:<br>resistor and coil type; 1" lg x 1/4" OD o/a excluding leads; 20 turns 0.02" diam E wire and on 5 meg 1/2w resistor; uncased; one wire lead term from ea end of coil used for mtg; varnish impr.  | 11/19/41            |        | 16-B-89888-7199        | N16-N-493-55    |                |                       | CRV | K-855706-501               | CRV        | K-855706-501<br>sub2   | YE-1(2)<br>YE (2)<br>YE-2(2)                                       |
| -47187                | COIL, RF:<br>RF choke; single wnd, two pie universal wnd; unshielded; ea pie c/o 600 turns of 0.01" diam wire; 1 1/4" lg x 1 1/4" OD o/a excluding leads; ceramic form; has #6-32 thd x 5/16" d topped in ea end of form for mtg; has one wire lead at ea end of coil; varnish impr.                     | 11/19/41            |        | 16-C-72680-8576        | N16-C-13299     |                |                       | CRV | M-420846-501               | CRV        | M-420846-501<br>sub3   | YE-1(2)<br>YE (2)<br>YE-2(2)                                       |
| -47188                | COIL, RF:<br>transf; three pie wnd, universal wnd; unshielded; ea wnd c/o 620 turns #26 DSE wire, w/10 ohms DC resist-<br>anod; approx 5" lg x 2" OD o/a excluding leads;<br>steatite form, air core; form 5" lg x 1" OD; has a tapped hole in ea end of form for mtg; six wire lead term; varnish impr. | 11/19/41            |        | 16-C-76001-8543        | N16-C-13298-99  |                |                       | CRV |                            | CRV        | M-420683-501<br>sub1   | YE-1(3)<br>YE(3)<br>YE-2(3)  |
| -47189                | COIL, RF:<br>choke coil; single wnd, four pie, universal wnd; unshielded; ea pie c/o 375 turns #26 ES wire; 4 1/2" lg x 1 1/2" OD o/a excluding term; air core, ceramic form; form 1" OD x 4 1/2" lg; has a tapped mtg hole at ea end of form; two tab type term, one ea end of form; varnish impr.      | 11/19/41            |        | 16-C-72680-8641        | N16-C-13298-100 |                |                       | CRV |                            | CRV        | M-420684-501<br>sub3   | YE-1(3)<br>YE (3)<br>YE-2(3)                                       |
| -47190                | COIL, RF:<br>RF choke coil; single wnd; unshielded; rated 5.5 microhenrys at 1 amp DC, 0.85 ohms DC resistance, 60 turns #28 E wire; 1 3/4" lg x 5/16" OD o/a excluding term; air core; two pigtail term used for mtg.<br>NOTE: RAL-6(3); RAL-7(3); RAL-8(3).  | 11/28/41            |        | 16-C-73012-3351        | N16-C-13163     |                | 3C357-3               | COM | Z-1                        | COM        | F-28850-1B<br>K-871304-1 eub3<br>A-360138 revD<br>V-5835321AA rev5<br>A-1310-11 revA | RBA (4)<br>RBA-1(4)<br>MAH (3)<br>RAK-6(3)<br>RAK-8(3)<br>SEE NOTE |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-33

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SHEET 47-34

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK - NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                      |
|-----------------------|--|---------------------|--------|--------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|--|
| -47191                | Plug-in Tuning Unit: 12/8/41<br>LF xmt coil set; p/o NT-52233 Transmitter; freq range 2.3 to 4.2 mc; 6 3/8" h x 3 15/16" wd x 10" d o/a; plug-in type mtg; has Navy nameplate.   |                     |        | 16-T-98044-6500          |                | R16-C-28906    |                       | CRV |                            | CRV        | M-422146<br>W-305244 sub1   | ATB                                    |
| -47192                | Plug-in Tuning Unit: 12/8/41<br>HF xmt coil set; p/o NT-52233 Transmitter; freq range 3 to 9.05 mc; 6 3/8" h x 3 15/16" wd x 10" d o/a; plug-in type mtg; has Navy nameplate.  |                     |        | 16-T-98046-6496          |                | R16-C-28906-5  |                       | CRV |                            | CRV        | W-305206 sub2               | ATB (2)                                |
| -47193                | COIL, RF: 1/24/42<br>retardation coil; single wnd; unshielded; rated 300 millihenrys at 1000 cps, 150 ohms DC resistance, 4120 turns #28 DS wire; approx 7 1/4" lg x 5 1/2" wd x 5 1/4" h o/a incl term; six 0.209" diam holes on 4 1/2" x 2 1/4" x 1 1/8" mtg/c; two screw term, one ea on top and bottom; coil encl in oil filled case.  |                     |        | 16-C-75715-7875          | N16-RC-17765   |                |                       | CML |                            | CW         | ES-636583 sub1<br>ES-8575   | SJ                                     |
| -47194                | Matching Transformer: 2/2/42<br>matches and couples two transmission lines to single transmission line; impedance ratio 140 ohms to 70 ohms at 246 mc; wt 15 lb approx; body 13 11/32" lg x 3 1/2" OD w/o leads and mtg ft, 29 9/16" lg, o/a with leads incl; mte by four 0.437" diam mtg holes spaced 10 11/32" x 5 1/2"; nameplate on case; encased in metal case, has 2 leads 1 end and 1 on other end. |                     |        | 16-T-25301-1218          | N16-T-3872-1   |                |                       | CRV | K-875970                   | CRV        | K-875970 sub0               | YE-1                                   |
| -47195                | COIL, RF: 2/9/42<br>retardation coil; one wnd, eight pie duolateral wnd; unshielded; rated 3 millihenrys at 1800 cyc and 0 amp DC, 45 ohms DC resistance, 1325 turns #34DS wire, rated 1v max; 4 7/8" lg x 2 1/8" wd x 2 1/2" h; ceramic form, air core; mts by bkt w/two mtg holes 4 1/4" c to c; two solder lug term; housed in oil filled ceramic container.  |                     |        | 16-C-74616-6785          | N16-RC-17758   |                |                       | CML |                            | CW         | ES-8599                     | MK-8<br>SH<br>SJ<br>SL<br>SL-1<br>SL-a |
| -47196                | COIL, RF: 2/9/42<br>RF choke; single wnd, duolateral wnd; unshielded; rated 20 millihenrys at 1800 cps, DC resistance 120 ohms, 1280 turns #36 ES wire; 1 9/32" lg x 1 1/4" diam o/a; ceramic form, air core; two solder lug term used for mtg.  |                     |        | 16-C-75290-3280          | N16-RC-17720   |                | 3C1084q-4             | CW  | ES-8593                    | CW         |                             | MK-8<br>SH<br>SJ                       |
|                       |  |                     |        |                          |                |                |                       |     |                            |            |                             |  |
|                       |  |                     |        |                          |                |                |                       |     |                            |            |                             |  |
|                       |  |                     |        |                          |                |                |                       |     |                            |            |                             |  |
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SHEET 47-34

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NAVSHIPS 900,109(A)  
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**RESTRICTED**

SHEET 47-35

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR       | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN   |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------------|-----------------------------|---|
| -47197                | COIL, RF:<br>RF choke; one wnd, duolateral wnd; unshielded; rated 100 microhenrys at 10 kc, DC resistance 4.2 ohms, 130 turns #34 DS wire; 1 1/8" lg x 1/2" diam o/a excluding leads; ceramic form, air core; #6-32 thd x 3/8" d tapped hole in base; two wire lead term.  | 2/9/42              |        | 16-C-73751-1644        | N16-RC-17852   |                |                       | CW         | KS-8590                    | CW               | ESA-636584                  | MK-8<br>SH<br>SJ  |
| -47198                | COIL, RF:<br>retardation coil; single wnd, duolateral wnd; unshielded; rated 400 millihenrys p/m % at 1800 cwt, 0 amp DC, 1000 ohms DC resistance, 5300 turns #38 ES wire 1 1/2w max; approx 1 5/8" OD x 1 5/32" lg, o/a; air core, ceramic form; mts by 5/32" diam mtg hole in ctr of form; two solder lug term on base.  | 2/9/42              |        | 16-C-75722-3395        | N16-RC-17818   |                |                       | CW         | KS-8592                    | CW               | ESA-682036-3                | MK-8<br>SH<br>SJ<br>SJ-1<br>SV<br>MK-16<br>MK-27                    |
| -47199                | COIL, RF:<br>RF choke; single wnd, four pie universal wnd; unshielded; ea wnd 250 microhenrys, 178 turns #36 ES wire, 165 ma DC; 1 15/16" lg x 1.1/16" wd x 1 1/8" h o/a excluding term and mtg studs; ceramic form, air core; two #4-36 thd studs 1 1/4" c to c at base of form; five solder lug term; wax impr.  | 2/12/42             |        | 16-C-74344-2915        | N16-RC-17660   |                | 30307-12              | CFW        | 12166                      | CFW              | 12166 rev0                  | SG<br>SG-1(2)<br>SG-28(2)   |
| -47200                | COIL, RF:<br>retardation coil; single wnd, duolateral wnd; unshielded; rated 7.3 millihenrys min to 8 millihenrys max, 0.9 ohms DC resistance, 33 1/3 turns #35 DS wire; 1 1/8" lg x 3/8" OD o/a excluding leads; ceramic form; has #6-32 thd x 3/8" d tapped for mtg screw at one end of form; two leads from ea end of coil; wax impr, moistureproof.<br>NOTE: SV-1; SS; MK-8 Mod 2(3); MK-8 Mod 3; MK-9; MK-10; MK-10 Mod 5(3); MK-12; MK-12 Mod 1; MK-16; MK-18; MK-27(3). | 2/16/42             |        | 16-C-75003-9320        | N16-C-13519-1  |                | 301987-70             | CW<br>OAGB | D-161570<br>SM-3568        | CW               | ESA-649405 1as3             | SH<br>SJ<br>MK-8<br>SJ-1(3)<br>SL<br>SL-a<br>SL-1<br>SV<br>SEE NOTE |
| -47201                | COIL, RF:<br>RF choke; single wnd, three pie universal wnd; unshielded; rated 300 microhenrys, 10.6 ohms DC resistance, 240 turns #36 ES wire, 80 turns to ea pie; 1 3/8" lg x 1/2" OD o/a incl term; ceramic form; #4-36 thd x 3/8" d tapped mtg hole in one end of form; two solder lug term on one end of form.   | 2/22/42             |        | 16-C-74041-6369        | N16-C-13150-24 |                |                       | CFW        | 12174                      | CFP<br>CFW<br>CG | 92-5058<br>12174 revB       | SG<br>SG-1(2)<br>SG-28(2)<br>SM<br>SM-1(3)                          |
|                       |  |                     |        |                        |                |                |                       |            |                            |                  |                             |   |
|                       |  |                     |        |                        |                |                |                       |            |                            |                  |                             |   |

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NAVSHIPS 900.109(A)  
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SHEET 47-35

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SHEET 47-36

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR               | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN  |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|--------------------------|-----------------------------|--|
| -47202                | COIL SET DUAL: 3/7/42<br>c/o 2 sets ea, tuned input coil, band pass coil, 2 tuned coupling coils, tuned osc coil, range sw; steel housing unfinished; freq range 2040 to 3000 kc and 6000 to 9050 kc, 2 channel selective tuning; 11 3/16" lg x 4 5/16" wd x 3 9/16" h o/a; four 9/32" diam mtg holes on 3 1/8" x 6 1/8" mtg/c; Navy nameplate.  |                     |        | 16-T-98203-8401        |                | R16-C-28816-60 |                       | CW         | ES-691307                  | CW                       | ES-691307                   | RU-16<br>RU-17<br>RU-18<br>RU-19                               |
| -47203                | COIL SET DUAL: 3/7/42<br>c/o 2 sets ea, tuned input coil, band pass coil, 2 tuned coupling coils, tuned osc coil, range sw; metal case, black finish; freq range 2040 to 3000 kc, 3000 to 4525 kc, 2 channel selective tuning; 11 3/16" lg x 4 5/16" wd x 3 9/16" h; plug-in coil box; has Navy nameplate.   |                     |        | 16-T-98203-8276        |                | R16-C-28816-65 |                       | CW         | ES-691310                  |                          |                             | RU-16 thru<br>RU-19<br>GF-11 (6)                               |
| -47204                | COIL SET DUAL: 3/7/42<br>c/o changeable set of RF coils and freq range sw mtd in shielding cans on common chassis; 540 to 830 kc and 2040 to 3000 kc, 2 channel selective tuning; 11 3/16" lg x 4 5/16" wd x 3 9/16" h o/a; has four 5/16" diam mtg holes on 4 13/16" x 3 1/4" mtg/c which fit over projections for snap slide fasteners; Navy nameplate, freq range sw marked "HIGH-LOW"; has plug-in type connections. |                     |        | 16-T-98202-3476        |                | R16-C-28817    |                       | CW         | 7971-3-H                   |                          |                             | RU-16<br>RU-17<br>RU-18<br>RU-19<br><br>GF-11(6)               |
| -47205                | ANTENNA LOADING COIL: 3/18/42<br>ant loading coil; single wnd, single layer wnd, tapped; shielded, steel case; rated 90 millihenries tapped at 15, 27, 44, 60, 76 millihenries, 60 turns of #12 E wire; 8 1/2" lg x 6" wd x 5 3/4" h o/a excluding term and mtg bkt; ceramic form, air core; four holes on 9" lg x 3" mtg/c; two screw term on front of case; has a 7 position sw on front of case; has Navy nameplate.  |                     |        | 16-C-73668-9768        | R16-C-14635    |                | 3C10848-5             | OML<br>COL | 190Z-1                     | COL<br>CEZ<br>CKP<br>CIR | 623C                        | TCS<br>TCS-1 thru<br>TCS-4<br>CIH<br>TCS-6<br>TCS-14<br>TCS-15 |
| -47206                | ANTENNA TUNING UNIT: 4/9/42<br>c/o CRR Antenna Variometer #AL73270-1, CRR Antenna Switch #AC59515-1, Rajah Co Antenna Plug, Transmitter Plug type #S-805 #11; metal w/black crackle finish on front panel; freq range 200 to 540 kc; 6 3/4" wd x 10 7/32" h x 12 3/32" lg, o/a; plug-in type mtg; Navy nameplate; ant tuning sw and variometer control on front panel.   |                     |        | 16-T-98018-8256        |                |                |                       | CRR        |                            |                          |                             | ATD  |

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SHEET 47-36

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SHEET 47-37

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                         |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|---|
| -47207                | TUNING UNIT: 4/9/42<br>xmr coil set; p/o NT-52253 Transmitter; freq range 200 to 540 kc; 10 11/32" h x 3 3/8" wd x 10 7/16" d o/a; plug-in type mtg; has Navy nameplate.  |                     |        | 16-T-98018-8051        |                | R16-C-28907    |                       |     |                            | CRR        |                             | ATD                                       |
| -47208                | TUNING UNIT: 4/9/42<br>4 CER Inductors type #AL71891-1, #AL71892-1, #AL71893-1, #AL71894-1, 2 CAW type #1580-L-221 Condensers, 9 CER type "J" Condensers; metal w/black crackle finish on front panel; freq range 540 to 1500 kc; 10 11/32" h x 3 3/8" wd x 10 7/16" lg, o/a; plug-in type mtg; Navy nameplate; front panel controls, ant tuning and coupling dials, oec plate and grid tuning dials, power amplr tuning dial.  |                     |        | 16-T-98028-8501        |                | R16-C-28907-5  |                       |     |                            | CRR        |                             | ATD                                       |
| -47209                | TUNING UNIT: 4/9/42<br>xmr coil set; p/o NT-52253 Transmitter; freq range 1500 to 3000 kc; 10 11/32" h x 3 3/8" wd x 10 7/16" d o/a; plug-in type mtg; has Navy nameplate.  |                     |        | 16-T-98042-5302        |                | R16-C-28907-10 |                       |     |                            | CRR        | CRR                         | ATD                                       |
| -47210                | TUNING UNIT: 4/9/42<br>tunes oec, power amplr, and ant ckt of xmr; p/o Navy Type 52253 Transmitter Unit; c/o capacitors, var inductors, associated parts; freq range 3000 to 9050 kc; 10 11/32" h x 3 3/8" wd x 10 7/16" lg, o/a; plug-in type mtg.   |                     |        | 16-T-98046-7453        |                | R16-C-28907-15 |                       |     |                            | CRR        |                             | ATD                                       |
| -47211                | TUNING UNIT: 4/9/42<br>tunes oec, power amplr, and ant ckt of xmr; p/o Navy Type 52253 Transmitter Unit; c/o capacitors, var inductors, associated parts; freq range 9050 to 15800 kc; 10 7/16" lg x 3 3/8" wd x 10 11/32" h, o/a; plug-in type mtg.  |                     |        | 16-T-98063-5151        |                | R16-C-28907-20 |                       |     |                            | CRR        |                             | ATD                                       |
| -47212                | TRANSFORMER, IF: 4/27/42<br>140 kc; interstage, 3rd IF; shielded in rectangular aluminum can; 2 13/16" lg x 1 1/2" wd x 4 1/4" h, o/a, excluding term; air core; tuned pri and sec; built-in var capacitor tuning w/scdr adj at top of can; 3 mtg holes 0.170" diam in mtg ft 1 1/4" from bottom of can on isosceles triangular mtg pattern w/ 3/4" base and 2 7/16" h; 5 stud term; wax impr, c/o two 7 to 44 mmf var capacitor, two 225 mmf fixed capacitor and 1 Navy Type 47538 IF Choke Coil, coil pri rated 4750 microhenries, sec rated 5034 microhenries; p/o Navy Type 46076 Radio Receiver. | NAVSHIPS 900385     |        | 17-T-67489-5081        | N16-T-6006     |                |                       | CCT |                            | CAT        | T-7607849-1 sub1            | RBM (5)<br>RBM-1 (5)<br>thru<br>RBM-5 (5) |

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NAVSHIPS 900.109(A)  
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SHEET 47-37

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SHEET 47-37-1

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                                    |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|--|
| -47213                | TRANSFORMER, IF: 4/27/42<br>oper freq 1255 kc; third IF stage; shielded in rectangular aluminum can; 2 13/16" lg x 1 1/2" wd x 4 1/4" h o/a excluding term; air core; tuned pri and secd; built-in variable capacitor tuning w/acdr adj at top of can; three 0.170" diam mtg holes on 2 7/16" x 3/4" mtg/c; four stud term; wax impr, c/o one var capacitor, two fixed capacitor and one IF choke coil; p/o NT-46077 Radio Receiver.  |                     |        | 17-T-67740-4689        | N16-T-6007     |                |                       |     |                            | CCT        |                             | RBM (5)<br>thru<br>RBM-5(5)<br>RBS<br>RBS-1<br>RBS-2 |
| -47214                | TRANSFORMER, IF: 4/27/42<br>second IF stage; shielded in rectangular aluminum can; 2 13/16" lg x 1 1/2" wd x 4 1/4" h o/a excluding term; air core; tuned pri and secd; built-in variable capacitor tuning w/acdr adj at top of can; three 0.170" diam mtg holes on 2 7/16" x 3/4" mtg/c; four stud term; wax impr, c/o one v r capacitor, three fixed capacitors, two fixed resistors and one IF coil; p/o NT-46076 Radio Receiver.  |                     |        | 17-T-67489-5076        | N16-T-6004     |                |                       |     |                            | CCT        |                             | RBM (8)<br>thru<br>RBM-5(8)                          |
| -47215                | TRANSFORMER, IF: 4/27/42<br>oper freq 1255 kc; 2nd IF stage; shielded in rectangular aluminum can; 2 13/16" lg x 1 1/2" wd x 4 1/4" h, o/a w/mtg bkt excluding term, 1 15/16" lg excluding mtg bkt; air core; tuned pri and secd; built-in variable capacitor tuning w/adj at top of can; three 0.170" diam mtg holes on 2 7/16" x 3/4" mtg/c; 6 stud term; wax impr, c/o 2 var capacitors, 3 fixed capacitors, 1 fixed resistor and 1 IF coil; p/o Navy Type 46077 Radio Receiver. |                     |        | 17-T-67740-4659        |                |                |                       |     |                            | CCT        |                             | RBM (7)<br>thru<br>RBM-5 (7)<br>RBS thru<br>RBS-2    |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |  |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |  |
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|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |  |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-37-1

**RESTRICTED**

**RESTRICTED**

SHEET 47-38

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPOR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO        | EQUIPMENT USED IN                                   |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|------------------------------------|---|
| -47216                | TRANSFORMER, RF:<br>EFO transf; single universal wnd, tapped; shielded in rectangular aluminum can; 3" lg x 1 15/16" wd x 1 1/2" h, o/a excluding term and mtg bkt; air core; built-in trimmer capacitor; scdr adj at top of can; two bkt w/ 0.170" diam hole in ea on 2 7/16" x 5/8" mtg/c; three stud term at top of can; wax impr, o/o one 100 mmf capacitor, one 170 mmf capacitor, one 3-25 mmf var capacitor, one 15000 ohm resistor and one CW osc coil, tapped; p/o NT-46076 Radio Receiver.  | 4/27/42             |        | 16-C-76508-5763        | N16-T-5003     |                |                       |      |                            | CAY<br>CAY | 7608018-602<br>P-7708206-1 sub0    | REM(5)<br>thru<br>REM-5(5)                          |
| -47217                | TRANSFORMER, RF:<br>EFO transf; single wnd, tapped; shielded in rectangular aluminum can; oper freq 1256 kc; 3" lg x 1 15/16" wd x 1 1/2" h o/a excluding term and mtg bkt; air core; built-in trimmer capacitor; scdr adj at top of can; two bkt w/ 0.170" diam hole on ea on 2 7/16" x 5/8" mtg/c; three stud term; wax impr; o/o one var capacitor, two fixed capacitors, one fixed resistor and one osc coil; p/o NT-46077 Radio Receiver.  | 4/27/42             |        | 16-C-76503-2779        | N16-T-7199-83  |                |                       |      |                            | CAY<br>CAY | 7608018-613<br>P-7708206-2<br>sub0 | REM(5)<br>thru<br>REM-5(5)<br>RBS<br>RBS-1<br>RBS-2 |
| -47218                | TRANSFORMER, IF:<br>140 kc; interstage, 1st IF; shielded in rectangular aluminum can; 2 11/16" lg x 1 1/2" wd x 4 1/4" h, o/a excluding term; air core; tuned pri and scdr; built-in var capacitor tuning w/scdr adj at top of can; one 0.170" diam mtg hole in bkt on side and two 0.154" diam csk holes 3/4" o to c in mtg bkt on opposite side; 6 stud term; wax impr; c/o one 7.44 mmf var capacitor, one 310 mmf fixed capacitor, one 225 mmf fixed capacitor, one 100 mmf fixed capacitor, one 15 mmf fixed capacitor, one 82 ohms resistor, one 1 meg resistor and one Navy Type 47517 Choke Coil; p/o Navy Type 46076 Radio Receiver. | 4/27/42             |        | 17-T-67489-5071        | N16-T-6002     |                |                       |      |                            | CAY<br>CAY | 7608018-599<br>T-7607847-1 sub2    | REM (9)<br>thru<br>REM-5 (9)                        |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                                    |   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                                    |   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-38

**RESTRICTED**



**RESTRICTED**

SHEET 47-39

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR        | CONTRACTOR'S DWG OR PART NO     | EQUIPMENT USED IN   |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|-------------------|---------------------------------|---|
| -47219                | TRANSFORMER, IF: 4/27/42<br>oper freq 1255 kc; first IF stage; shielded in rectangular aluminum can; 2 11/16" lg x 1 1/2" wd x 4 1/4" h o/a excluding term; air core; tuned pri and sec; built in variable capacitor tuning w/scr adj at top of can; one 0.170" diam mtg hole in bkt on one side and two 0.154" diam csk holes 3/4" c to c in bkt on opposite side; six stud term; wax impr, c/o one var capacitor, two fixed capacitors and one IF choke coil; p/o NT-46077 Radio Receiver.                           |                     |        | 17-T-67740-4639        | N16-T-6003     |                |                       | OCT  |                            | CAY<br>CAY<br>OCT | 7608018-610<br>T-7607850-1 sub0 | RBM (5)<br>thru<br>RBM-5(5)<br>RBS<br>RBS-1<br>RBS-2                  |
| -47220                | COIL ASSEMBLY, RF: 4/27/42<br>p/o Navy Type 46076 Medium Frequency Receiver; p/o med freq oec unit assem c/o 4 transf, 2 resistors, 13 capacitors and 3 sw; metal cntr; freq range 340 to 2140 kc in 4 bands; rectangular shape; 5 1/8" lg x 5 1/32" wd x 2 3/8" h, o/a; mtd by 4 holes in 1 side, 4" x 13/16" mtg/c; nameplate w/Navy Type number; nameplate slides to give access to adj screws.   |                     |        | 16-0-66002-5251        | N16-T-6405     |                |                       | OCT  |                            | CAY<br>CAY        | 7607857-1 sub 1<br>7608018-598  | RBM (22)<br>RBM-1 (22)<br>thru<br>RBM-5 (22)                          |
| -47221                | COIL ASSEMBLY, RF: 4/27/42<br>p/o Navy Type 46077 HF Receiver; p/o HF oec assem c/o 4 transf, 13 capacitors, 1 resistor and 3 sw; metal cntr; freq range 3.255 to 21.255 mc in 4 bands; rectangular shape; 4 1/8" lg x 5 1/32" wd x 2 3/8" h, o/a; mtd by 4 holes in 1 side, 4" x 1 3/16" mtg/c; nameplate w/Navy Type number; nameplate slides to give access to adj screws.  |                     |        | 16-0-66007-4939        | N16-T-6405-4   |                |                       | OCT  |                            | CAY<br>CAY        | T-7607858-1 sub1<br>7608018-609 | RBM (21)<br>RBM-1 (21)<br>thru<br>RBM-5 (21)<br>RBS<br>RBS-1<br>RBS-2 |
| -47222                | TRANSFORMER ANTENNA: 4/27/42<br>p/o Navy Type 46076 Medi m Frequency Receiver; p/o med freq ant unit assem, c/o four transf, eleven capacitors, one resistor, one 2 sect rotary sw; metal cntr; freq range 200 to 2000 kc in four bands; rectangular shape; 4 5/8" lg x 4 5/8" wd x 1 13/16" h o/a excluding term, 5 7/32" lg x 4 15/16" wd x 1 13/16" h o/a; mtd by four #6-32 thd tapped holes in one side, 4" x 1 3/16" mtg/c; nameplate w/Navy Type number; nameplate slides to give access to trimmer adj screws. |                     |        | 16-T-98206-3776        | N16-T-18587    |                |                       | OCT  |                            | CAY               | T-7607855-1 sub1                | RBM (18)<br>thru<br>RBM-5 (18)  |
|                       |  |                     |        |                        |                |                |                       |      |                            |                   |                                 |   |
|                       |  |                     |        |                        |                |                |                       |      |                            |                   |                                 |   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-39

**RESTRICTED**

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SHEET 47-40

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                             |                                     |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|---|-------------------------------------|
| -47223                | <p>TRANSFORMER ANTENNA: 4/27/42</p> <p>HF ant coil assem; p/o Navy Type 46077 High Frequency Receiver; c/o CAY ant coil band #4 part/dwg T-7608014P343, ant coil band #3 part/dwg T-7608014P344, ant coil band #2 part/dwg T-7608014P345, ant coil band #1 part/dwg T-7608014P346, four var air capacitors part/dwg T-7608010P8, two Navy Type 48710-D10 Capacitors, one Navy Type 48771-D20 Capacitor, one Navy Type 48674-B10 Capacitors, one Navy Type 48771-B20 Capacitor, one Navy Type 48591-B5 Capacitor, one Navy Type 48674-B10 Capacitor, one Navy Type 63360-10 Resistor, one 2 sect rotary sw part/dwg T-7608017P554, and part/dwg T-7608017P555, encl in metal can; freq range of 2 mc to 18.1 mc; rectangular shape; 4 5/8" lg x 4 5/8" wd x 1 13/16" h, o/a, excluding term, 4 29/32" lg x 4 15/16" wd x 1 13/16" h, o/a, incl term; four #6-32 thd tapped mtg holes on 4" x 1 3/16" mtg/c; incl nameplate w/ Navy Type #; nameplate slides to give access to trimmer screw adj.</p> |                     |        | 16-T-98207-1451        | N16-T-18586-1  |                |                       |     |                            | CCT        |                             | CAY<br>CAY<br>T-7608018P607<br>T-7607856-1    | RBM (17)<br>thru<br>RBM-5 (17)      |
| -47223-A              | <p>TRANSFORMER ANTENNA: 4/12/44</p> <p>p/o Navy Type 46077 HF Receiver; p/o HF ant unit assem, c/o 4 transf, 10 capacitors, 1 resistor, one 2 sect rotary sw; metal can; freq range 2000 to 18100 kc in 4 bands; rectangular shape; 4 5/8" lg x 4 5/8" wd x 1 13/16" h, o/a, excluding term, 4 29/32" lg x 4 15/16" wd x 1 13/16" h, o/a, incl term; mtd by four #6-32 thd tapped holes in 1 side, 4" x 1 3/16" mtg/c; nameplate w/ Navy Type number; nameplate slides to give access to trimmer adj screws; same as Navy Type 47223 except for addition of separate prt wnd.</p>   |                     |        | 16-R-33591-1150        | N16-T-18586    |                |                       |     |                            | CCT        |                             | CAY<br>CCT<br>T-7607856 eub 6<br>B-5796 rev 0 | RBM-3<br>RBM-4<br>RBS thru<br>RBS-2 |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-40

**RESTRICTED**

**RESTRICTED**

SHEET 47-40-1

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO      | EQUIPMENT USED IN            |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|---------------------------------|------------------------------|
| -47224                | COIL ASSEMBLY, RF: 4/27/42<br>p/o NT-46076 Radio Receiver; p/o med freq RF unit assem, c/o eight transf, sixteen capacitors, seven resistors and one three sect rotary sw; shielded in rectangular metal case divided into two sect; freq range 200 to 2000 kc in four bands; 5 1/32" lg x 3 3/4" wd x 5 1/16" h o/a; four #6/32 tapped holes in base on 4" x 3 1/8" mtg/c; two nameplates w/ Navy type number which slides to give access to adj screws. |                     |        | 16-R-33591-1147        | N16-T-7101     |                |                       | CCT |                            | CAY        | T-7607859-1 sub0                | RM(32)<br>thru<br>RM-5(32)   |
| -47225                | COIL ASSEMBLY, RF: 4/27/42<br>p/o NT-46077 Radio Receiver; p/o HF RF unit assem, c/o eight transf, thirteen capacitors, one resistor and one two sect rotary sw; shielded in rectangular case divided into two sect; freq range 2000 to 18100 kc in four bands; 5 1/32" lg x 3 3/4" wd x 5 1/16" h o/a; four #6/32 tapped holes in base on 4" x 3 1/8" mtg/c; two nameplates w/ Navy type number which slides to give access to adj screws.               |                     |        | 16-R-33691-1149        | N16-T-7102     |                |                       | CCT |                            | CAY<br>CCT | T-7607860-1 sub0<br>B-5806 rev0 | RM(29)<br>thru<br>RM-5(29)   |
| -47226                | TUNING UNIT CONTAINER: 5/4/42<br>carrying case for tuning unit; steel case and steel cover; 12" lg x 10 7/8" wd x 9 11/16" tbk o/a; single carrying handle and six eliding fasteners on cover has Navy nameplate.   |                     |        | 16-C-170001-178        |                |                |                       | CAY |                            | CAY        |                                 | GP-7                         |
| -47227                | GONIOMETER: 6/15/42<br>aluminum housing w/gray wrinkle enamel; freq range 250 to 1500 kc; 7 1/8" h x 6 7/8" OD o/a; two mtg bkt 1" lg; three male receptacles on one side.  |                     |        |                        | N16-G-4310-4   |                |                       |     |                            | CFT<br>CFT | NLA-41497<br>NLA-41497-1        | DAK<br>DAK-1<br>DAK<br>DAK-1 |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-40-1

**RESTRICTED**

**RESTRICTED**

SHEET 47-41

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -47228                | COIL, RF: 6/24/42<br>retardation coil; two wnd, duolateral wnd; unshielded; rated 50 microhenries, 3.4 ohms DC resistance, Q is 30 at 1100 kc; c/o 55 turns #36 ES wire; 1 1/4" lg x 1 1/16" wd OD o/a; ceramic form, air core; mtd by #6 RH screw through ctr of form; two solder lug term on top of form; varnish impr.                                      |                     |        |                        |                 |                |                       | CW  | KS-8684                    | CW         | ES0-637664-1,2<br>1es1      | SH                |
| -47229                | COIL, RF: 6/24/42<br>RF choke coil, two wnd, duolateral wnd; unshielded; rated 110 microhenries, 30 ohms DC resistance, Q is 30 at 1000 kc; c/o 80 turns #36 ES wire; 1 1/4" lg x 1 1/16" OD o/a; ceramic form, air core; mtd by #6 RH screw through ctr of form; two solder lug term on top of form; varnish impr.  |                     |        |                        |                 |                |                       | CW  | KS-8685                    | CW         | ES0-637664-3,4<br>1es1      | SH<br>OAA-2       |
| -47230                | COIL, RF: 6/24/42<br>RF choke coil; single wnd, duolateral wnd; unshielded; rated 5 millihenrys p/m 15,40 ohms DC resistance, Q is 60 at 180 kc; c/o 490 turns #35 ES wire; 1 1/4" lg x 1 1/16" OD o/a; ceramic form, air core; mtd by #6 RH screw through ctr of form; two solder lug term on top of form; varnish impr.                                      |                     |        | 16-C-74880-3940        | N16-C-13285-150 |                |                       | CW  | KS-8686                    | CW         | ES0-637058 1es 1            | SH<br>QJB         |
| -47231                | GONIOMETER: 7/6/42<br>aluminum case, gray enamel finish; freq range 1.5 to 3.75 mc, 5 wnd; 1140 rpm, 110v, AC, 60 cyc, 1/8 hp, 3.2 amp, single ph; 8 7/8" lg x 6 7/8" h x 9" wd, o/a; mta by 2 thumb screws to back of automatic brg indicator through a bkt 8 1/8" c to c; u/w visual indicator unit 3 male receptacles on 1 side AN Connector AN-3102-18-5P. |                     |        | 16-G-76948-9451        |                 |                |                       | CFT |                            | CFT<br>CFT | NLA-41058-14-1<br>NUS-14    | DAL<br>DAJ        |
|                       |  |                     |        |                        |                 |                |                       |     |                            |            |                             |                   |
|                       |  |                     |        |                        |                 |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-41

**RESTRICTED**

**RESTRICTED**

SHEET 47-42

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -47232                | GONIOMETER: 7/6/42<br>aluminum case, gray enamel finish; 3.75 to 7.5 mc freq range, 5 wvd; 1140 rpm, 110v, AC, 60 cyc, 1/8 hp, 3.2 amp, single ph; 8 7/8" lg x 9" wd x 6 7/8" h, o/a; mts by thumb screws to back of automatic brg indicator through bkt 8 1/8" c to c; u/w visual indicator unit, contains 3 male receptacles on 1 side<br>AN-3102-1B-5P.        |                     |        | 16-G-77428-9476        | N16-G-4303     |                |                       | CFT |                            | CFT        | NUS-15<br>NLA-41058-14-2    | DAM<br>DAJ        |
| -47233                | GONIOMETER: 7/6/42<br>aluminum case, gray E finish; freq range 7.5 to 15 mc 5 wvd; 1140 rpm, 110v, AC, 60 cyc, 1/8 hp, 3.2 amp, single ph; 8 7/8" lg x 9" wd x 6 7/8" h, o/a; mts by 2 thumb screws on ea side through a bkt to back of automatic brg indicator 8 1/8" c to c; u/w visual indicator unit, contains 3 male receptacles on 1 side<br>AN-3102-1B-5P. |                     |        | 16-G-77548-9475        | N16-G-4307     |                |                       | CFT |                            | CFT        | NUS-16<br>NLA-41058-14-3    | DAM<br>DAJ        |
| -47234                | GONIOMETER: 7/6/42<br>aluminum case, gray enamel finish; freq range 15 to 30 mc, 5 wvd; 1140 rpm, 110v, 60 cyc, 3.2 amp, 1/8 hp, single ph; 8 7/8" lg x 9" wd x 6 7/8" h, o/a; mtd by 2 thumb screws on ea side through a bkt to back of automatic brg indicator 8 1/8" c to c; u/w visual indicator unit, contains 3 male receptacles<br>AN-3102-1B-5P.          |                     |        | 16-G-77668-9476        | N16-G-4303-100 |                |                       | CFT |                            | CFT        | NUS-17<br>NLA-41058-14-4    | DAJ<br>DAO        |
| -47235                | TRANSFORMER, RF: 7/6/42<br>ant coil; two wvd; unshielded; freq range 1.25 mc to 2.5 mc; air core; built-in padder capacitor tuning w/ecdr adj through bottom of common shield for ant coils in tuning unit; mtd by bolts through base; four solder term on base; p/o ant tuning unit.   |                     |        |                        | N16-T-3976     |                |                       | CFT | NL-41293                   |            |                             | DAL<br>DAJ        |
| -47236                | TRANSFORMER, RF: 7/6/42<br>ant coil; two wvd; unshielded; freq range 2.5 to 5 mc; air core; built-in padder capacitor tuning w/ecdr adj through bottom of common shield for ant coils in tuning unit; mtd by bolts through base; four solder term on base; p/o ant tuning unit.   |                     |        |                        | N16-T-3977     |                |                       | CFT | NL-41292                   |            |                             | DAL<br>DAM<br>DAJ |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-42

**RESTRICTED**

**RESTRICTED**

SHEET 47-43

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN   |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|---------------------|
| -47237                | TRANSFORMER, RF: 7/6/42<br>ant coil; two wnd; unshielded; freq range 5 to 10 mc; air core; built-in padder capacitor tuning w/scdr adj through bottom of common shield for ant coils in tuning unit; mtd by bolts through base; four solder term on base; p/o ant tuning unit.   |                     |        |                        | N16-T-3975     |                |                       | CFT | NL-40294                   |            |                             | DAM<br>DAN<br>DAJ   |
| -47238                | TRANSFORMER, RF: 7/6/42<br>ant coil; two wnd; unshielded; freq range 10 to 20 mc; air core; built-in padder capacitor tuning with scdr adj through bottom of common shield for ant coils in tuning unit; mts by bolts through base; four solder term on base; p/o ant tuning unit.   |                     |        |                        |                |                |                       | CFT | NL-41291                   | CFT        | NL-41291-2                  | DAN<br>DAO<br>DAJ   |
| -47239                | ANTENNA COIL ASSEMBLY: 7/6/42<br>sense ant coil; plug-in type; 2 wnd, single layer wnd, pri 3 turns #26 AWG E copper wire, secd 8 turns #18 AWG E copper wire; rectangular aluminum shield can; 4 1/2" lg x 1 15/16" h x 3" wd excluding prongs; air core; mtd on low loss 5-prong por socket; 5 prong plug-in term; stamped "SENSE CIRCUIT TRANSFORMER-20-40MC-NL-40288"; incl trimmer capacitor, not used. |                     |        | 17-T-81311-9241        | N16-T-3979     |                |                       | CFT | NL-40288                   | CFT        | NL-40288-2                  | DAO<br>DAJ          |
| -47240                | COIL, RF: 7/9/42<br>RF choke; single wnd, four pie universal wnd; unshielded; rated 5 millihenrys p/m 5% at 1000 cps, 25 ma; 59.18 ohms DC resistance c/o 1280 turns #36 ES wire; 2" lg x 1/2" OD o/a excluding leads; ceramic core; two 2" lg wire lead term used for mtg.  |                     |        | 16-C-74892-5647        | N16-RC-17732   |                | 3C307-5               | CFW | 12362                      | CRP<br>CRP | 92-5062<br>DL296-5004 sub 1 | SC<br>SC-1<br>SC-28 |
| -47241                | COIL, RF: 7/9/42<br>RF choke; single wnd, four pie universal wnd; unshielded; 2.5 millihenrys p/m 2% at 1000 cps, 25 ma, 40.46 ohms DC resistance; c/o 904 turns #36 ES wire; 2" lg x 1/2" OD o/a excluding term; ceramic core; two 2" lg wire lead term used for mtg.   |                     |        | 16-C-74716-4589        | N16-RC-17729   |                |                       | CFW | 12360                      | CRP<br>CRP | 92-5059<br>DL296-5004 sub 1 | SC<br>SC-1<br>SC-18 |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                     |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-43

**RESTRICTED**

**RESTRICTED**

SHEET 47-44

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN            |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|------------------------------|
| -47242                | TRANSFORMER, IF: 8/3/42<br>peak freq 455 kc; detector input stage; shielded in rectangular metal can; 2 3/8" lg x 2 1/16" wd x 4 1/16" h o/a excluding leads; polystyrene form; tuned pri and sec; var air capacitor tuning w/scr adj at top of can; two #6-32 thd x 5/16" lg spade bolts 1 15/16" c to c on bottom of can; four color coded wire leads extending from bottom of can; rated 1.35 microhenrys p/m 20% c/o, 8 ohms DC resistance, two wnd ea c/o 260 turns #10-41 Litz wire; p/o WT-46187 Radio Receiver. |                     |        | 17-T-67618-9901        | N16-T-6097     |                | 30329-20              | CNA | SA-41-C                    | CNA        | D-842 rev1                  | RAO-2 thru<br>RAO-7<br>RAO-9 |
| -47243                | COIL, RF: 7/9/42<br>RF choke; single wnd, universal wnd, unshielded; rated 7.5 millihenrys p/m 2% at 1000 cps, 15 ma, 80.5 ohms DC resistance; c/o 759 turns #38 ES wire; 7/8" lg x 1 1/16" OD o/a excluding term; ceramic form; has 5/32" diam hole through ctr of form for mtg; two solder lug term on top of form.   |                     |        | 16-C-74999-6949        | N16-RC-17735   |                |                       | CFW | 12358                      | CRP<br>CRP | 92-5060<br>DLG96-5003 sub1  | SG<br>SG-1<br>SG-2S          |
| -47244                | COIL, RF: 7/9/42<br>RF choke; single wnd, universal wnd, unshielded; rated 2.5 millihenrys p/m 2% at 1000 cps, 15 ma, 160.2 ohms DC resistance; c/o 1347 turns #38 ES wire; 7/8" lg x 1 1/16" OD o/a excluding term; ceramic form; has 5/32" diam hole through ctr of form for mtg; two solder lug term on top of form.   |                     |        | 16-C-74662-5695        | N16-RC-17700   |                |                       | CFW | 12359                      | CRP<br>CRP | 92-5056<br>DLG96-5003 sub1  | SG<br>SG-1<br>SG-2S          |
| -47245                | COIL, RF: 7/9/42<br>CANCELLED: same as Navy Type 47860.   |                     |        | 16-C-74874-9562        | N16-RC-17731   |                |                       | CFW | 12164                      | CRP<br>CRP | 92-5061<br>DLG96-5003 sub 1 | SG<br>SG-1<br>SG-2S          |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                              |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                              |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-44

**RESTRICTED**

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SHEET 47-45

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------|
| -47246                | TRANSFORMER, RF: 7/30/42<br>RF coil assem; five pie wnd, universal wnd; unshielded; wnd #1 and 2 c/o 350 turns #10-41 Litz wire tapped at 54 turns, wnd #3 c/o 160 turns #10-41 Litz wire tapped at 54 turns, wnd #4 c/o 120 turns #10-41 Litz wire tapped at 54 turns, wnd #5 c/o 20 turns #30 ES wire tapped at 15 and 10 turns, wnd #1 and 2, 3, 4, 5 has 17, 8, 6, 0.7 ohms DC resistance; 2 5/8" lg x 1 1/2" OD o/a incl term; ceramic form, air core; mts by #10-32 thd x 1/2" lg RH screw through hole in bottom of form; eleven color coded solder lug term on outside of form; wax impr. |                     |        | 17-T-82067-1031        | N16-T-7014     |                | 30326-55F             | CNA<br>CZU | SA-55F                     | CNA<br>CWQ | D-784 sub 1<br>9A1670       | RBL thru<br>RBL-4 |
| -47247                | COIL, RF: 7/30/42<br>RF coil; four pie wnd, universal wnd; unshielded; wnd #1 and 2 c/o 350 turns #10-41 Litz wire, 17 ohms DC resistance, wnd #3, 160 turns #10-41 Litz wire, 8 ohms DC resistance, wnd #4 c/o 120 turns #10-41 Litz wire, 6 ohms DC resistance; 2 5/8" lg x 1 1/2" OD o/a incl term; ceramic form, air core; mts by #10-32 thd x 1/2" lg RH screw through hole on bottom of form; four color coded solder lug term on outside of form; wax impr.  |                     |        | 16-C-75036-8193        | N16-T-7015     |                | 30326-55H             | CNA<br>CZU | SA-55-H                    | CNA<br>CWQ | D-785 sub 1<br>9A1666       | RBL thru<br>RBL-4 |
| -47248                | COIL, RF: 7/30/42<br>RF coil; four pie wnd, universal wnd; unshielded; wnd #1 and 2 c/o 350 turns #10-41 Litz wire, 17 ohms DC resistance, wnd #3, 160 turns #10-41 Litz wire, 8 ohms DC resistance, wnd #4, 120 turns #10-41 Litz wire tapped at 50 turns, 6 ohms DC resistance; 2 5/8" lg x 1 1/2" OD o/a incl term; ceramic form, air core; mts by #10-32 thd x 1/2" lg RH screw through bottom of form; five color coded solder lug term on outside of form; wax impr.  |                     |        | 16-C-75036-8203        | N16-T-7016     |                | 30326-55C             | CZU<br>CNA | SA-55-G                    | CNA<br>CWQ | D-786 sub 1<br>9A1668       | RBL thru<br>RBL-4 |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-45

**RESTRICTED**



**RESTRICTED**

SHEET 47-46

| NA TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|---------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------|
| -47249              | <p>COIL, RF: 7/30/42</p> <p>RF coil; five pie wnd, universal wnd; unshielded; wnd #1 c/o 120 turns #30 ES wire, 5 ohms DC resistance, wnd #2 c/o 1525 turns #10-41 Litz wire, 115 ohms DC resistance, wnd #3 c/o 925 turns #10-41 Litz wire, 62 ohms DC resistance, wnd #4 c/o 830 turns #10-41 Litz wire, 50 ohms DC resistance, wnd #5 c/o 35 turns #30 ES wire, 1.4 ohms DC resistance; 4 3/4" lg x 3" OD</p> <p>o/a incl term; ceramic form, air core; mts by #10-32 thd x 1/2" lg RH screw through bottom of form; eleven color coded solder lug term around form; wax impr.</p> |                     |        | 16-C-75975-1965        |                |                | 3C326-55C             | CNA<br>CZU | SA-55-C                    | CNA<br>CWQ | D-787 subl<br>9A1676        | RBL thru<br>RBL-4 |
| -47250              | <p>COIL, RF: 7/30/42</p> <p>RF coil; three pie wnd, universal wnd; unshielded; wnd #1 c/o 1500 turns #10-41 Litz wire, 110 ohms DC resistance, wnd #2 c/o 910 turns #10-41 Litz wire, 62 ohms DC resistance, wnd #3 c/o 810 turns #10-41 Litz wire, 50 ohms DC resistance; 4 3/4" lg x 3" OD</p> <p>o/a incl term; ceramic form, air core; mts by #10-32 thd x 1/2" lg RH screw through hole at bottom of form; four color coded solder lug term on outside of form; wax impr.</p>  |                     |        | 16-C-75696-8671        | N16-T-7012     |                | 3C326-55E             | CNA<br>CZU | SA-55-E                    | CNA<br>CWQ | D-788 subl<br>9A1672        | RBL thru<br>RBL-4 |
| -47251              | <p>COIL, RF: 7/30/42</p> <p>RF coil; three pie wnd, universal wnd; unshielded; wnd #1 c/o 1500 turns #10-41 Litz wire, 110 ohms DC resistance tapped at 400 turns, wnd #2 c/o 910 turns #10-41 Litz wire, 62 ohms DC resistance tapped at 250 turns, wnd #3 c/o 810 turns #10-41 Litz wire, 50 ohms DC resistance tapped at 160 turns; 4 3/4" lg x 3" OD</p> <p>o/a incl term; ceramic form, air core; mts by #10-32 thd x 1/2" lg RH screw through hole at bottom of form; seven color coded solder lug term around form; wax impr.</p>  |                     |        | 16-C-75696-8681        | N16-T-7013     |                | 3C326-55D             | CNA<br>CZU | SA-55-D                    | CNA<br>CWQ | D-789 subl<br>9A1674        | RBL thru<br>RBL-4 |
| -47252              | <p>REACTOR: 7/30/42</p> <p>filter choke; one sect; rated 18 hyp/m 20%, 0.025 amp DC, 1.5v, 1000 cy; 470 ohms DC resistance; 2 kv RMS test; metal case, vacuum impr; c/o 7500 turns #34 E wire; approx 3 1/16" lg x 2 15/16" wd x 1 3/8" h o/a excluding term; four 0.138"-32 tapped holes on 2 1/2" x 2 5/8" mts/c; two solder lug term 15/32" lg on top of case.</p>   |                     |        | 16-R-29348-6647        | N16-C-13002    |                | 3C326-31D             | CYC<br>CNA | C-1958<br>SA-31-D          | CWQ<br>CNA | 52X63 1e0D<br>D-781 subl    | RBL thru<br>RBL-4 |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-46

**RESTRICTED**

**RESTRICTED**

SHEET 47-47

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN               |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|---------------------------------|
| -47253                | <p>TRANSFORMER, RF: 8/3/42</p> <p>BFO transf; single wnd, universal wnd; shielded in rectangular aluminum can; rated 1.5 millihenrys, 10.2 ohms DC resistance, 455 kc; c/o 316 turns #32 ES</p> <p>Litz wire tapped at 57 turns; 4 1/16" lg x 2 3/8" wd x 2 1/16" h o/a excluding leads and mtg studs; polystyrene form, air core; var air capacitor tuning w/ scdr adj through top of can; two #6-32 thd x 5/16" lg spade bolts 1 15/16" c to c; three color coded wire lead term, two from bottom and one from side of can; incl one fixed capacitor, one fixed reeleter and two var air capacitors enclosed in can; p/o NT-46187 Radio Receiver.</p> |                     |        | 16-0-76735-4095        | NI6-T-5001     |                | 3C329-26              | CNA<br>CWQ | SA-41-D<br>9A1620          | CNA<br>CWQ | D-840 sub1<br>9A1620        | RAO-2 thru<br>RAO-7<br>RAO-9    |
| -47254                | <p>TRANSFORMER, IF: 8/3/42</p> <p>peak freq 455 kc; second IF stage; shielded in rectangular metal can; 4 1/16" h x 2 3/8" lg x 2 1/16" wd o/a excluding leads and mtg studs; polystyrene form, air core; tuned pri and secd; var air capacitor tuning w/scdr adj at top of can; two #6-32 thd x 5/16" lg studs 1 15/16" c to c on bottom of can; four color coded wire lead term, three from bottom and one from side of can; p/o NT-46187 Radio Receiver.</p>   |                     |        | 17-T-67619-1010        | NI6-T-6098     |                | 2Z9641.214            | CNA<br>CWQ | SA-41-E<br>9A1619          | CNA<br>CWQ | D-841 sub1<br>9A1619        | RAO-2<br>thru<br>RAO-7<br>RAO-9 |
| -47255                | <p>GONIOMETER: 8/17/42</p> <p>c/o brg indicator w/diam calibrated 0 to 360 deg Admiralty pattern #1320A modified and two fixed coils and one movable coil British type 529, Admiralty pattern 5329 modified by NRL; black enamel finish; freq range 1 to 20 mc, 115v AC, 60 cyc, 1 ph; 6" OD approx; two mtg ft on base of unit.</p>  |                     |        |                        |                |                |                       | RA         |                            | RA         |                             | DAR                             |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-47

**RESTRICTED**

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SHEET 47-48

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -47256                | COIL, RF: 8/25/42<br>IF coil; single wnd, single layer wnd; unshielded; 5.2 microhenrys at 1000 cps, 0.29 ohms DC resistance; c/o 42 turns #29 QF wire; 1 7/8" lg x 1/4" OD o/a excluding term; dielectens form; has #6-32 thd x 5/16" d hole in one end for mtg; two solder lug term on coil form; varnish impr.  |                     |        | 16-C-72992-5344        |                |                |                       | CG   | K-35J311-1                 | CG         | K-35J311-1 rev0             | MK-11 Mod1        |
| -47257                | TRANSFORMER, IF: 8/25/42<br>inter stage; unshielded; 1 1/2" lg x 7/16" OD with rectangular mtg base; phenolic form; tuned pri and secd; four turns of wire flat wnd for adj; two holes for mtg screws on rectangular base; four solder lug term on base; pri rated 10.7 microhenrys at 1000 cps, 0.39 ohms DC resistance, c/o 25 turns #28 DC wire secd rated 8.6 microhenrys at 1000 cps, 0.28 ohms DC resistance, c/o 23 turns #28 DC wire; varnish impr.  |                     |        | 17-T-67932-8222        | N16-RT-77410   |                |                       | CG   | K-35J323-1                 | CG         | K-35J323-1 rev0             | MK-11 Mod1        |
| -47258                | TRANSFORMER, IF: 8/25/42<br>interstage; unshielded; 1 1/2" lg x 7/16" OD with rectangular mtg base; phenolic form; tuned pri and secd; four turns of wire flat wnd for adj; two holes for mtg screws on rectangular base; four solder lug term on base; pri rated 11 microhenrys at 1000 cps, 0.3 ohms DC resistance, c/o 25 turns #28 DC wire, secd rated 5.8 microhenrys at 1000 cps, 0.215 ohms DC resistance, c/o 18 turns #28 DC wire, varnish impr.    |                     |        |                        | N16-RT-77411   |                |                       | CG   | K-35J323-2                 | CG         | K-35J323-2 rev0             | MK-11 Mod 1(2)    |
| -47259                | TRANSFORMER, IF: 8/25/42<br>interstage; unshielded; 1 1/2" lg x 7/16" OD with rectangular mtg base; phenolic form; tuned pri and secd; four turns of wire flat wnd for adj; two holes for mtg screws on rectangular base; four solder lug term on base; pri rated 8.7 microhenrys at 1000 cps, 0.255 ohms DC resistance, c/o 23 turns #28 DC wire, secd rated 7.3 microhenrys at 1000 cps, 0.225 ohms DC resistance, c/o 21 turns #28 DC wire, varnish impr. |                     |        |                        | N16-RT-77412   |                |                       | CG   | K-35J323-3                 | CG         | K-35J323-3 rev0             | MK-11 Mod1        |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-48

**RESTRICTED**

**RESTRICTED**

SHEET 47-49

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -47260                | COIL, RF: 8/25/42<br>RF choke; single wnd, universal wnd; unshielded; rated 0.210 millihenrys at 1000 cps, 4 ohms DC resistance, c/o 291 turns #29 ES wire; 1 3/4" lg x 5/8" OD w/rectangular mtg base; phenolic form; two holes for mtg screws in base; two solder lug term on base; varnish impr.  |                     |        | 16-C-72867-1580        | N16-RC-17798   |                |                       | CG   | K-35J287-1                 | CG         | K-35J287-1 rev2             | ME-11 Mod1        |
| -47261                | COIL, RF: 8/25/42<br>IF coil; single wnd, single layer close wnd; unshielded; rated 10.4 microhenrys at 1000 cps, 0.40 ohms DC resistance, c/o 37 turns #29 wire tapped at 6 turns; 1 1/2" lg x 7/16" OD w/rectangular mtg base; phenolic form; two holes for mtg screws in base; four solder lug term on base; varnish impr.  |                     |        | 16-C-73129-6587        | N16-RT-77414   |                |                       | CG   | K-35J400-1                 | CG         | K-35J400-1 rev0             | ME-11 Mod1        |
| -47262                | TRANSFORMER, IF: 8/25/42<br>interstage; unshielded; 1 1/2" lg x 7/16" OD with rectangular mtg base; phenolic form; tuned pri and sec; four turns of wire flat wnd for adj; two holes for mtg screws in base; four solder lug term on base; pri rated 1.3 microhenrys at 1000 cps, 0.092 ohms DC resistance, c/o 7 turns #28 DC wire, sec rated 6.6 microhenrys at 1000 cps, 0.225 ohms DC resistance, c/o 18 turns #28 DC wire, varnish impr.  |                     |        |                        | N16-RT-77415   |                |                       | CG   | K-33J776-1                 | CG         | K-33J776-1 rev0             | ME-11 Mod1        |
| -47263                | GONIOMETER: 8/29/42<br>gray wrinkle E, sand cast, aluminum housing; freq range 1.5 mc to 22 mc, driven by 105 to 125v, AC, 55 to 65 cyc, 1 ph, 3.2 amp, 1/8 hp, 1140 rpm motor; wt 3.5 lb; 8 1/8" lg x 5 11/16" wd x 4 9/16" h, o/a; mts by knurled thumbscrews through bkt w/two 3/8" wd mtg slots, radial spaced 4 7/8" o to o; Navy nameplate; c/o 2 stator coils spaced at 90 deg, rotating search coil, rotating transf, 3 AN-3102-18-5F receptacles, stator #1 c/o 8 turns #24 EC wire, 0.206 ohms DC resistance, stator #2 c/o 8 turns #24 EC wire, 0.206 ohms DC resistance, rotor #1 c/o 8 turns #24 EC wire, 0.157 ohms DC resistance, transf pri c/o 18 turns #24 EC wire, 0.121 ohms DC resistance, transf sec c/o 18 turns #24 EC wire, 0.130 ohms DC resistance. |                     |        | 16-G-77108-5511        | N16-G-4300     |                |                       | CFT  |                            | CFT        | RF-953-2A                   | DAQ               |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-49

**RESTRICTED**

**RESTRICTED**

SHEET 47-50

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                                     |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|---|
| -47263-A              | <p>CONIOMETER: 2/4/44</p> <p>die cast case w/ gray wrinkle enamel; freq range 1.5 to 22 mc; wt 3.5 lbs; 8 1/8" lg x 5 11/16" wd x 4 9/16" h o/a; two 3/8" wd open mtg slots radiel spaced, 4 7/8" c to c; has Navy nameplate; c/o two stator coils, spaced at 90 deg, rotating search coil, rotating transf, three AM-3102-18-5P Receptacles, stator #1 c/o 8 turns #24 EC wire, 0.206 ohms DC resistance, stator #2 c/o 8 turns #24 EC wire, 0.206 ohms DC resistance, rotor #1 c/o 8 turns #24 EC wire, 0.157 ohms DC resistance, transf pri c/o 18 turns #24 EC wire, 0.121 ohms DC resistance, transf sec c/o 18 turns #24 EC wire, 0.130 ohms DC resistance; same as NT-47263 except is die cast instead of sand cast, not mechanically interchangeable.</p> |                     |        | 16-G-77108-5651        | N16-G-4300-1   |                |                       |     |                            | OFT        | RF-2138-14                  | DAU<br>DAU-1  |
| -47264                | <p>COIL, RF: 9/1/42</p> <p>osc; one wnd; unshielded; rated 253 millihenrys, 63.1 ohms DC resistance, c/o 1925 turns #2 ES wire tapped at 1000 turns; 2 3/8" lg x 1.950" OD o/a incl term; textolite form, metal plate lam core; three mtg tabs w/slots spaced 120 deg apart; three lug term on side.</p>  |                     |        | 16-C-75692-5182        | N16-RT-77960   |                |                       | OG  | K-35J770-1                 | OG         | K-35J770-1 rev2             | SN  |
| -47265                | <p>COIL, RF: 9/1/42</p> <p>RF choke; single wnd, universal wnd; shielded in round metal can; rated 3.85 millihenrys, 9.5 ohms DC resistance, c/o 233 turns #34 ES wire; 2" lg x 1 5/16" OD o/a excluding term and mtg tabs; bakelite form, iron core; two holes for mtg screws 1 1/4" c to c; two solder lug term on bottom; varnish impr.</p>  |                     |        | 16-C-76574-4723        | N16-RC-17808   |                |                       | OG  | K-35J673-1                 | OG         | K-35J673-1 rev2             | SN<br>SQ  |
| -47266                | <p>COIL, RF: 9/1/42</p> <p>RF choke; single wnd, universal wnd; unshielded, BS phenolic case; rated 6 millihenrys at 1000 cps, 16.7 ohms DC resistance, c/o 560 turns #32 ES wire; 13/16" lg x 1 7/16" OD o/a excluding term and mtg tabs; textolite form, iron core; two holes for mtg screws 1 5/16" c to c; two solder lug term on bottom; varnish impr, BS.</p>   |                     |        | 16-C-74948-2045        | N16-C-14381    |                |                       | OG  | K-35J564-2                 | OG         | K-35J564-2 rev1             | SN<br>SP<br>SP-1M(2)<br>VG thru<br>VG-3<br>MK-11 Mod1 |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-50

**RESTRICTED**

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SHEET 47-51

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A B O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO     | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|---------------------------------|-------------------|
| -47267                | COIL, RF: 9/1/42<br>RF choke; single wnd, universal wnd; unshielded, BS phenolic case; rated 12 millihenry at 1000 cps, 23.6 ohms DC resistance, c/o 790 turns #32 ES wire; 13/16" lg x 1 7/16" OD o/a excluding term and mtg tabs; textolite form, iron core; two holes for mtg screws 1 5/16" c to c; two solder lug term on bottom; varnish impr.                          |                     |        | 16-0-75177-3935        | N16-RC-17838   |                |                       | CG   | K-35J564-1                 | CG<br>CG   | K-58822469AD<br>K-35J564-1 rev1 | SN<br>SM-1(3)     |
| -47268                | COIL, RF: 9/15/42<br>osc; one wnd; unshielded; rated 14 microhenry at 2750 kc; freq range 2.8 to 3.3 mc; c/o 23 turns #34 E wire; 15/16" h x 1 7/8" lg x 3/4" wd o/a; bakelite form, iron core; form 7/16" OD x 15/16" lg; adj iron core w/ scdr adj through top of form; has mtg holes in bakelite form; four hole term on base; wax impr; incl NT-63433-102 Fixed Resistor. |                     |        | 16-0-76616-2515        |                |                |                       | OOI  | 1453.17A-1                 | OOI        | 1453.17A-1                      | MU                |
| -47269                | COIL, RF: 9/15/42<br>osc; one wnd; unshielded; rated 9.6 microhenry at 3200 kc; freq range 3.2 to 3.8 mc; c/o 19 turns #34 E wire; 15/16" h x 1 1/8" lg x 3/4" wd o/a; bakelite form, iron core; form 7/16" OD x 15/16" lg; adj iron core w/ scdr adj through top of form; has mtg holes in form; four hole term on base; wax impr, incl NT-63433-102 Fixed Resistor.         |                     |        | 16-0-76613-6437        |                |                |                       | OOI  | 1453.17A-2                 | OOI        | 1453.17A-2<br>dated 10/8/42     | MV                |
| -47270                | COIL, RF: 9/15/42<br>osc; one wnd; unshielded; rated 7.2 microhenry at 3700 kc; freq range 3.7 to 4.4 mc; c/o 16 turns #34 E wire; 15/16" h x 1 1/8" lg x 3/4" wd o/a; bakelite form, iron core; form 7/16" OD x 15/16" lg; adj iron core w/ scdr adj through top of form; has mtg holes in form; four hole term on base; wax impr, incl NT-63433-102 Fixed Resistor.         |                     |        | 16-0-76603-8215        |                |                |                       | OOI  | 1453.17A-3                 | OOI        | 1453.17A-3<br>dated 10/8/42     | MW                |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-51

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SHEET 47-52

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                    |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|--------------------------------------|
| -47271                | COIL, RF: 9/15/42<br>one wmd; unshielded; rated 5.3 microhenrys at 4300 kc; freq range 4.3 to 5 mc; c/o 14 turns #34 E wire; 15/16" h x 1 1/8" lg x 3/4" wd o/a; bakelite form, iron core; form 7/16" OD x 15/16" lg; adj iron core w/scdr adj through top of form; has mtg holes in form; four hole term on base; wax impr, incl NT-63433-102 Fixed Resistor.                  |                     |        | 16-C-76589-2515        |                |                |                       | CCI | 1453.17A-4                 | CCI        | 1453.17A-4                  | MX                                   |
| -47272                | COIL, RF: 9/15/42<br>plate choke; single wmd, universal wmd; unshielded; rated 1700 microhenrys, Q is 36 at 500 kc, c/o 500 turns #38 ES wire; 1/2" lg x 1/2" OD o/a excluding leads; wmd on hollow wood core and 1 meg, 1/4w resistor; mts by resistor leads; two wire leads connected to resistor leads; wax impr.  |                     |        | 16-C-74503-1645        |                |                |                       | OML | 14-6865                    | CCI<br>CCI | 145-3.17D rev0<br>20-012    | MU<br>MV<br>MW<br>MX<br>DAV-2<br>MAB |
| -47273                | COIL, RF: 9/15/42<br>tank coil; single wmd, single layer wmd; unshielded; rated 45 microhenrys, Q is 115 at 2400 kc, freq range 2.3 to 2.8 mc, c/o 66 turns #32 DC wire tapped at 10 turns from bottom; 2 1/2" lg x 3/4" OD o/a; bakelite form, air core; bottom plug has #6-32 tap for mtg screw; three solder eyelets on side of form; wax impr; incl a NT-47272 Plate Choke. |                     |        | 16-C-73520-9771        |                |                |                       | CCI | 145-3.17B-1                | CCI        | 145-3.17B                   | MU                                   |
| -47274                | COIL, RF: 9/15/42<br>tank coil; single wmd, single layer wmd; unshielded; rated 33 microhenrys, Q is 132 at 2700 kc, freq range 2.7 to 3.3 mc, c/o 60 turns #28 DC wire tapped at 12 turns from bottom; 2 1/2" lg x 3/4" OD o/a; bakelite form, air core; bottom plug has #6-32 tap for mtg screw; three solder eyelets on side of form; wax impr; incl a NT-47272 Plate Choke. |                     |        | 16-C-73444-5443        |                |                |                       | CCI | 145-3.17B-2                | CCI        | 145-3.17B                   | MW                                   |
| -47275                | COIL, RF: 9/15/42<br>tank coil; single wmd, single layer wmd; unshielded; rated 24 microhenrys, Q is 136 at 3200 kc, freq range 3.2 to 3.9 mc, c/o 51 turns #26 DC wire tapped at 9 turns from bottom; 2 1/2" lg x 3/4" OD o/a; bakelite form, air core; bottom plug has #6-32 thd for mtg screw; three solder eyelets on side of form; wax impr; incl a NT-47272 Plate Choke.  |                     |        | 16-C-73348-5443        |                |                |                       | CCI | 145-3.17B-3                | CCI        | 145-3.17B                   | MW                                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                                      |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                                      |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                    |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----------|----------------------------|------------|-----------------------------|--------------------------------------|
| -47276                | COIL, RF: 9/15/42<br>PA tank coil; single wnd, single layer wnd; unshielded; rated 19 microhenrys, Q is 142 at 3800 kc, freq range 3.8 to 4.6 mc, c/o 45 turns #24 DC wire tapped at 7 turns from bottom; 2 1/2" lg x 3/4" OD c/a; bakelite form, air core; mts by plug which has #6-32 thd for mtg screw; three solder eyelets on side of form.  |                     |        | 16-C-73283-2405        |                |                |                       | CCI       | 145-3.17B-4                | CCI        | 145-3.17B-4                 | MX                                   |
| -47277                | COIL, RF: 12/12/42<br>RF choke; two wnd, avolateral wnd; unshielded; rated 500 microhenrys, 6.5 ohms DC resistance, freq range 10 kc to 2 mc, 8000 <del>vac</del> and 15000v AC test; c/o 525 turns #29 double nylon wire; 4 7/8" lg x 2 1/8" wd x 2 1/2" h o/a incl term; ceramic form, air core; form 2 1/8" lg x 1/4" OD; two 0.277" diam holes 4 1/4" c to c in mtg bkt; two solder lug term on ends of coil case; oil filled ceramic case.   |                     |        | 16-C-74182-1773        | 116-RC-17768   |                |                       | CML<br>CW | KS-8943                    | CW         | ESL-643243 1se1             | SL<br>SL-1<br>SL-a                   |
| -47278                | TRANSFORMER, IF: 9/15/42<br>peak freq 455 kc; input type, first IF; shielded in sq metal can; 2 1/2" h x 1 1/2" sq c/a approx excluding leads; iron core; tuned pri and secd; slug tuned w/hex nut adj at ea end of can, max coupling dimen 5/16"; four wire lead term at one end of form; same as NT-47279 except for coupling dimension.  |                     |        | 17-T-67630-4576        |                |                |                       | CFW       | 12133                      | CCI        | 145-3.17E                   | MU<br>MV<br>MW<br>MX<br>DAB<br>DAV-2 |
| -47279                | TRANSFORMER, IF: 9/15/42<br>peak freq 455 kc; output type, second IF; shielded in sq metal can; 2 1/2" h x 1 1/2" sq c/a approx excluding leads; iron core; tuned pri and secd; slug tuned w/hex nut adj at ea end of can, max coupling dimen 1/4"; four wire lead term at one end of form; pri rated 1.2 millihenrys, Q is 58, 30 ohms DC resistance, c/o 510 turns #5X4ES Litz wire, secd rated 20.6 millihenrys, Q is 58, 26 ohms DC resistance, c/o 600 turns #5X4ES Litz wire; same as NT-47278 except for coupling dimension. |                     |        | 17-T-67630-4626        |                |                |                       | CFW       | 12134                      | CCI        | 145-3.17E                   | MU<br>MV<br>MW<br>MX<br>DAV-2<br>OAB |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN       |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------------|
| -47280                | COIL, RF: 9/16/42<br>ant coil; plug-in type; single wnd, single layer wnd; unshielded; rated 25.3 microhenrys at 1580 kc, c/o 37 turns #26 DC wire; 1 5/8" lg x 1" OD o/a excluding term; phenolic form; five plug-in type term on bottom used for mtg.  |                     |        | 16-C-73384-9890        |                |                |                       | CCI | 154-3.2                    | CCI        | 154-3.2 rev1                | CCI-60041               |
| -47281                | Antenna Loading Coil: 10/2/42<br>CANCELLED: reassigned CU-25/ART-13.   |                     |        |                        |                | R16-C-21385    | 306001-25             | COL | 180H-1                     | COL        | 520 1915 00<br>K-359-E      | ATC<br>AN/ART-13        |
| -47282                | Antenna Loading Coil: 10/2/42<br>CANCELLED: reassigned CU-26/ART-13.   |                     |        | 16-T-98027-4501        | N16-T-18610    |                | 306001-26             | COL | 180H-2                     | COL        | 520 1906 00<br>K-412-D-1    | ATC<br>AN/ART-13        |
| -47283                | TRANSFORMER, IF: 10/3/42<br>peak freq 1560 kc; detector stage; shielded in rectangular aluminum can; 2 3/8" lg x 2 1/16" wd x 4 1/16" h o/a excluding leads and mtg studs; iron core; tuned pri and secd; built-in variable air capacitor tuning w/scdr adj at top of can; two 5/16" lg x #6-32 thd mtg studs 1 5/16" c to c; four color coded wire lead term extending from bottom of can; incl fixed ceramic capacitor 75 mmf p/m 10%, 1000 vdcw across both pri and secd wnd, inductance 0.85 microhenrys, 1.4 ohms DC resistance.                          |                     |        | 17-T-67751-6801        | N16-T-6052     |                |                       | CNA | SA-42-A                    | CNA        | D-943 sub2                  | RBB-1<br>RBB-2<br>RBB-3 |
| -47284                | TRANSFORMER, IF: 10/3/42<br>peak freq 1560 kc; second IF stage; shielded in rectangular metal can; 2 3/8" lg x 2 1/16" wd x 4 1/16" h o/a excluding leads and mtg stud; iron core; tuned pri and secd; built-in variable air capacitor tuning w/scdr at top of can; two 5/16" lg x #6-32 thd mtg studs 1 5/16" c to c; four color coded wire lead term, three extending from bottom of can and one from side of can; incl fixed ceramic capacitor 75 mmf p/m 10%, 1000 vdcw across both pri and secd wnd, inductance 0.85 microhenrys, 1.4 ohms DC resistance. |                     |        | 17-T-67751-6851        | N16-T-6051     |                |                       | CNA | SA-42-B                    | CNA        | D-942 sub2                  | RBB-1<br>RBB-2<br>RBB-3 |

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NAVSHIPS 900,109(A)  
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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN       |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------------|
| -47285                | TRANSFORMER, RF: 10/5/42<br>RF0 transf; single wnd, universal wnd; shielded in rectangular aluminum can; rated 80 microhenrys at 1560 kc, 1.85 ohms DC resistance, c/o 62 1/2 turns #10-41 Litz wire tapped at 48 turns from start; 4 1/16" lg x 2 3/8" wd x 2 1/16" h c/a excluding leads and mtg studs; polystyrene form; built-in variable air capacitor tuning w/scdr adj at top of can; two #6-32 thd x 5/16" lg mtg studs 1 15/16" c to c; three color coded wire leads, two extending from bottom of can and one from side of can; incl fixed ceramic capacitor 0.0001, 500v DC in series w/wnd and fixed resistor 50,000 ohms p/m 10%, 1/2w in parallel w/capacitor inside can. |                     |        | 16-C-76657-5406        | 116-T-5000     |                |                       | CNA        | SA-42-C                    | CNA        | D-941 sub2                  | RBB-1<br>RBB-2<br>RBB-3 |
| -47286                | TRANSFORMER, RF: 10/5/42<br>first RF transf; plug in type; two wnd, universal wnd; unshielded; pri c/o 23 turns #32 BS wire, 5 ohms DC resistance, secd c/o 223 turns #10-41 Litz wire, 0.5 ohms DC resistance, freq range 300 to 600 kc; 2 11/32" lg x 1 21/64" wd x 1 15/16" h o/a incl term; iron core; built-in variable air capacitor tuning across secd w/scdr adj on top of form; two 5/16" diam mtg holes 7/8" o to c; five prong type term on bottom; p/o NT-46188 Radio Receiver.   |                     |        | 17-T-81409-1308        | 116-T-7040     |                |                       | CNA<br>CNA | SA-513<br>Coil type E-1    | CNA        | E-494 sub1                  | RBB-1<br>RBB-2<br>RBB-3 |
| -47287                | TRANSFORMER, RF: 10/5/42<br>first RF transf; plug in type; two wnd, universal wnd; unshielded; pri c/o 43 turns #30 BS wire, 0.7 ohms DC resistance, secd c/o 122 turns #10-41 Litz wire, 2.8 ohms DC resistance, freq range 0.6 to 1.2 mc; 2 11/32" lg x 1 21/64" wd x 1 11/16" h c/a incl term; polystyrene form; built-in variable air capacitor tuning across secd w/scdr adj on top of form; two 5/16" diam mtg holes 7/8" c to c; five prong type term on bottom; p/o NT-46188 Radio Receiver.  |                     |        | 17-T-81418-1258        | 116-T-7041     |                |                       | CNA<br>CNA | SA-514<br>Coil type D-1    | CNA        | E-490 sub0                  | RBB-1<br>RBB-2<br>RBB-3 |

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SHEET 47-56

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN       |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------------|
| -47288                | TRANSFORMER, RF: 10/5/42<br>first RF transf; plug in type; two wnd, single layer wnd; unshielded; pri c/o 10 turns #30 DS wire, 0.25 ohms DC resistance, secd o/o 42 7/8 turns #28 E wire, 0.7 ohms DC resistance, freq range 1.7 to 3.9 mc; 2 11/32" lg x 1 21/64" wd x 2 7/16" h o/a incl term; bakelite form; built-in variable air capacitor tuning across secd w/secr adj at top of form; two 5/16" diam mtg holes 7/8" c to c; five prong type term on bottom; p/o NT-46188 Radio Receiver.                                 |                     |        | 17-T-81432-2158        | N16-T-7042     |                |                       | CNA<br>CNA | SA-515<br>Coil type C-1    | CNA        | E-486 sub0                  | RBH-1<br>RBH-2<br>RBH-3 |
| -47289                | TRANSFORMER, RF: 10/5/42<br>first RF transf; plug in type; two wnd, single layer wnd; unshielded; pri c/o 6 turns #28 DS wire, 0.1 ohms DC resistance, secd c/o 21 turns #22 E wire, 0.1 ohms DC resistance, freq range 3.9 to 8 mc; 2 11/32" lg x 1 21/64" wd x 2 7/16" h o/a incl term; bakelite form; built-in variable air capacitor tuning across secd w/secr adj at top of form; two 5/16" diam mtg holes 7/8" c to c; five prong type term on bottom; p/o NT-46188 Radio Receiver.   |                     |        | 17-T-81438-7558        | N16-T-7043     |                |                       | CNA<br>CNA | SA-516<br>Coil type B-1    | CNA        | E-482 sub0                  | RBH-1<br>RBH-2<br>RBH-3 |
| -47290                | TRANSFORMER, RF: 10/5/42<br>first RF transf; plug in type; two wnd, single layer wnd; unshielded; pri c/o 3 turns #30 DS wire, 0.1 ohms DC resistance, secd c/o 8 3/4 turns #22 E wire, 0.02 ohms DC resistance, freq range 8 to 16 mc; 2 11/32" lg x 1 21/64" wd x 2 3/16" h o/a incl term; polystyrene form; built-in variable air capacitor tuning across secd w/secr adj at top of form; two 5/16" diam mtg holes 7/8" c to c; five prong type term on bottom; incl fixed capacitor across secd; p/o NT-46188 Radio Receiver. |                     |        | 17-T-81491-1258        | N16-T-7044     |                |                       | CNA<br>CNA | SA-517<br>Coil type A-1    | CNA        | E-478 sub0                  | RBH-1<br>RBH-2<br>RBH-3 |

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SHEET 47-57

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR                       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                   |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|----------------------------|----------------------------|------------|-----------------------------|-------------------------------------|
| -47291                | TRANSFORMER, RF: 10/5/42<br>second RF transf; plug in type; two wnd, universal wnd; unshielded; pri c/o 2805 turns #38 ES wire, 360 ohms DC resistance, secd c/o 268 turns #32 ES wire, 7.5 ohms DC resistance, freq range 300 to 600 kc; 2 11/32" lg x 1 21/64" wd x 2 7/32" h, o/a incl term; polystyrene form 1 7/32" lg x 1/2" OD; built-in var air capacitor tuning across secd w/secdr adj at top of form; two 5/16" diam mtg holes 7/8" c to c; 5 prong type term on bottom; incl fixed capacitor from end of pri to end of secd wnd; p/o Navy Type 46188 Radio Receiver.                         |                     |        | 17-T-81747-2301        | N16-T-7045     |                |                       | CNA<br>CNA                 | SA-518<br>Coil type E-2    | CNA        | E-495 cbg0                  | RBH-1<br>RBH-2<br>RBH-3             |
| -47292                | TRANSFORMER, RF: 10/5/42<br>second RF transf; plug in type two wnd, universal wnd; unshielded; pri c/o 1035 turns #38 ES wire, 140 ohms DC resistance, secd c/o 130 turns #10-41 Litz wire, 2.8 ohms DC resistance, freq range 600 to 1200 kc; 2 11/32" lg x 1 21/64" wd x 2 5/16" h o/a incl term; polystyrene form; built-in variable air capacitor tuning across secd w/secdr adj at top of form; two 5/16" diam mtg holes 7/8" c to c; five prong type term on bottom; incl fixed capacitor from end of pri to end of secd; p/o NT-46188 Radio Receiver.   |                     |        | 17-T-81418-1308        | N16-T-7046     |                |                       | CNA<br>CNA<br>CAQK<br>CABU | SA-519<br>Coil type D-2    | CNE<br>CNA | 300.280<br>E-491 sub0       | RBH-1<br>DAS-4(B)<br>RBH-2<br>RBH-3 |
| -47293                | TRANSFORMER, RF: 10/5/42<br>second RF transf; plug in type; two wnd, pri universal wnd, secd single layer wnd; unshielded; pri c/o 448 turns #36 ES wire, 25 ohms DC resistance, secd c/o 43 1/3 turns #28 E wire, 0.7 ohms DC resistance, freq range 1.7 to 3.9 mc; 2 11/32" lg x 1 21/64" wd x 2 11/16" h o/a incl terms; pri polystyrene form, secd bakelite form; built-in variable air capacitor tuning across pri w/secdr adj at top of form; two 5/16" diam mtg holes 7/8" c to c; five prong type term on bottom; incl capacitor wnd adjacent to last turn of secd; p/o NT-46188 Radio Receiver. |                     |        | 17-T-81432-2213        | N16-T-7047     |                |                       | CNA<br>CNA                 | SA-520<br>Coil type C-2    | CNA        | E-487 sub0                  | RBH-1<br>RBH-2<br>RBH-3             |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | COR. FACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN       |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|-------------|-----------------------------|-------------------------|
| -47294                | TRANSFORMER, RF: 10/5/42<br>second RF transf; plug in type; two wnd, pri universal wnd, secd single layer wnd; unshielded; pri c/o 160 turns #36 ES wire, 7 ohms DC resistance, secd c/o 21 1/3 turns #22 E wire, 0.1 ohms DC resistance, freq range 3.9 to 8 mc; 2 11/32" lg x 1 21/64" wd x 2 7/16" h o/a incl term; pri polystyrene form, secd bakelite form; built-in variable air capacitor tuning across secd w/scdr adj at top of form; two 5/16" diam mtg holes 7/8" c to c; five prong type term on bottom; incl cap wnd adjacent to last turn of pri; p/o NT-46188 Radio Receiver.                                 |                     |        | 17-T-81438-7613        | N16-T-7048     |                |                       | CNA<br>CNA | SA-521<br>Coil type B-2    | CNA         | E-483 sub0                  | RBH-1<br>RBH-2<br>RBH-3 |
| -47295                | TRANSFORMER, RF: 10/5/42<br>second RF transf; plug in type; two wnd, pri universal wnd, secd single layer wnd; unshielded; pri c/o 29 turns #7-41 Litz wire, 1.4 ohms DC resistance, secd c/o 9 turns #22 E wire, 0.02 ohms DC resistance, freq range 8 to 16 mc; 2 11/32" lg x 1 21/64" wd x 2 3/16" h o/a incl term; pri polystyrene form, secd bakelite form; built-in variable air capacitor tuning across secd w/scdr adj at top of form; two 5/16" diam mtg holes 7/8" c to c; five prong type term on bottom; incl cap wnd adjacent to last turn of pri; p/o NT-46188 Radio Receiver.                                 |                     |        | 17-T-81451-1308        | N16-T-7049     |                |                       | CNA<br>CNA | SA-522<br>Coil type A-2    | CNA         | E-479 sub0                  | RBH-1<br>RBH-2<br>RBH-3 |
| -47296                | TRANSFORMER, RF: 10/5/42<br>RF transf u/v first detector; plug in type; two wnd, universal wnd; unshielded; pri c/o 2805 turns #38 ES wire, 360 ohms DC resistance, secd c/o 268 turns #32 ES wire, 7.5 ohms DC resistance, freq range 300 to 600 kc; 2 11/32" lg x 1 21/64" wd x 2 7/32" h o/a incl term; polystyrene form; built-in variable air capacitor tuning across secd w/scdr adj at top of form; two 5/16" diam mtg holes 7/8" c to c; five prong type term on bottom; incl fixed capacitor from end of pri to end of secd wnd, variable air capacitor across secd is gnd at one end; p/o NT-46188 Radio Receiver. |                     |        | 17-T-81409-1358        | N16-T-7050     |                |                       | CNA<br>CNA | SA-523<br>Coil type E-3    | CNA         | E-496 sub0                  | RBH-1<br>RBH-2<br>RBH-3 |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-58

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SHEET 47-59

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN        |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|--------------------------|
| -47297                | <p>TRANSFORMER, RF: 10/5/42</p> <p>RF transf u/w first detector; plug in type; two wnd, universal wnd; unshielded; pri c/o 1035 turns #38 ES wire, 140 ohms DC resistance, secd c/o 130 turns #10-41 Litz wire, 2.8 ohms DC resistance, freq range 600 to 1200 kc; 2 11/32" lg x 1 21/64" wd x 2 5/16" h o/a incl term; polystyrene form; built-in variable air capacitor tuning across secd w/scdr adj at top of form; two 5/16" diam mtg holes 7/8" c to c; five prong type term on bottom; incl fixed capacitor from end of pri to end of secd wnd, variable air capacitor across secd is gnd at one end; p/o NT-46188 Radio Receiver.</p>   |                     |        | 17-T-81418-1262        | 116-T-7051     |                |                       | CNA<br>CNA | SA-524<br>Coil type D-3    | CNA        | E-492 sub0                  | RBH-1<br>RBH-2.<br>RBH-3 |
| -47298                | <p>TRANSFORMER, RF: 10/5/42</p> <p>RF transf u/w first detector; plug in type; two wnd, pri universal wnd, secd single layer wnd; shielded; pri c/o 448 turns #36 ES wire, 25 ohms DC resistance, secd c/o 43 1/3 turns #28 E wire, 0.7 ohms DC resistance, freq range 1.7 to 3.9 mc; 2 11/32" lg x 1 21/64" wd x 2 7/16" h, o/a incl term; pri polystyrene form, secd bakelite form; pri form 1/2" x 3/8", secd form 1 1/2" x 1" OD; built-in var air capacitor tuning across secd w/scdr adj at top of form; two 5/16" diam mtg holes 7/8" c to c; 5 prong type term on bottom; incl cap wnd adjacent to last turn of pri, var air capacitor across secd is gnd at 1 end; p/o Navy Type 46188 Radio Receiver.</p> |                     |        | 17-T-81432-2208        | 116-T-7052     |                |                       | CNA<br>CNA | SA-525<br>Coil type C-3    | CNA        | E-488 sub0                  | RBH-1<br>RBH-2<br>RBH-3  |
| -47299                | <p>TRANSFORMER, RF: 10/5/42</p> <p>RF transf u/w first detector; plug in coil; two wnd, pri universal wnd, secd single layer wnd; unshielded; pri c/o 160 turns #36 ES wire, 7 ohms DC resistance, secd c/o 21 1/3 turns #22 E wire, 0.1 ohms DC resistance, freq range 3.9 to 8 mc; 2 11/32" lg x 1 21/64" wd x 2 7/16" h o/a incl term; pri polystyrene form, secd bakelite form; built-in variable air capacitor tuning across secd w/scdr adj at top of form; two 5/16" diam mtg holes 7/8" c to c; five prong type term on bottom; incl cap wnd adjacent to last turn of pri, variable air capacitor across secd is gnd at one end; p/o NT-46188 Radio Receiver.</p>   |                     |        | 17-T-81438-7608        | 116-T-7053     |                |                       | CNA<br>CNA | SA-526<br>Coil type B-3    | CNA        | E-484 sub0                  | RBH-1<br>RBH-2<br>RBH-3  |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-59

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SHEET 47-60

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN       |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------------|
| -47300                | TRANSFORMER, RF: 10/5/42<br>RF transf, u/w first detector; plug-in type; two wnd, pri universal wnd, secd single layer wnd; unshielded; pri c/o 29 turns #7-41 Litz wire, 1.4 ohms DC resistance, secd c/o 9 turns #22 E wire, 0.02 ohms DC resistance, freq range 8 to 16 mc; 2 11/32" lg x 2 3/16" h x 1 21/64" wd o/a incl term; polystyrene form; built in air capacitor across secd; secd adj at top of form; two 5/16" diam holes 7/8" c to c; five prong type term on bottom; cap wnd adjacent to last turn of secd, start tap of secd gnd; same as NT-47295 except that secd start tap is gnd. |                     |        | 17-T-81451-1283        | N16-T-7054     |                |                       | CNA  | SA-527                     | CNA        | E-480 rev0                  | RBH-1<br>RBH-2<br>RBH-3 |
| -47301                | TRANSFORMER, RF: 10/5/42<br>RF transf, u/w HF osc; plug-in type; two wnd, single layer wnd; unshielded; tickler wnd c/o 10 1/4 turns #28 E wire, 0.2 ohms DC resistance, secd c/o 40 1/2 turns #28 E wire, 0.7 ohms DC resistance, freq range 300 to 600 kc; 2 11/32" lg x 2 7/16" h x 1 21/64" wd o/a incl term; bakelite form; two built in air capacitors; secd adj at top of form; two 5/16" diam holes 7/8" c to c; five prong type term on bottom; two fixed capacitors incl in can; u/w NT-46188 Radio Receiver.  |                     |        | 17-T-81409-1258        | N16-T-7055     |                |                       | CNA  | SA-528                     | CNA        | E-497 rev0                  | RBH-1<br>RBH-2<br>RBH-3 |
| -47302                | TRANSFORMER, RF: 10/5/42<br>RF transf u/w HF osc; plug-in type; two wnd, single layer wnd; unshielded; tickler wnd c/o 9 1/2 turns #28 E wire, 0.1 ohms DC resistance, secd c/o 38 1/2 turns #28 E wire, 0.7 ohms DC resistance, freq range 600 to 1200 kc; 2 11/32" lg x 2 7/16" h x 1 21/64" wd o/a incl term; bakelite form; two built in air capacitors; secd adj at top of form; two 5/16" diam holes 7/8" c to c; five prong type term on bottom; two fixed capacitors incl in can; u/w NT-46188 Radio Receiver.   |                     |        | 16-C-76497-5699        | N16-T-7056     |                |                       | CNA  | SA-529                     | CNA        | E-493 rev0                  | RBH-1<br>RBH-2<br>RBH-3 |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                         |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-60

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SHEET 47-61

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | Co-TRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN       |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------------|
| -47303                | TRANSFORMER, RF: 10/5/42<br>RF transf u/w HF osc; plug-in type; two wnd single layer wnd; unshielded; tickler wnd c/o 4 1/2 turns #28 E wire, 0.1 ohms DC resistance, secd c/o 21 1/2 turns #28 E wire, 0.4 ohms DC resistance, freq range 1.7 to 3.9 mc; 2 11/32" lg x 2 7/16" h x 1 21/64" wd o/a incl term; bakelite form; built in air capacitor across secd; scdr adj at top of form; two 5/16" diam holes 7/8" c to c; five prong type term on bottom; fixed capacitor in one lead of secd wnd; u/w MT-46188 Radio Receiver.   |                     |        | 16-C-76433-4386        | N16-T-7057     |                |                       | CNA | SA-530                     | CNA        | E-489 rev0                  | RBH-1<br>RBH-2<br>RBH-3 |
| -47304                | RF TRANSFORMER: 10/5/42<br>RF transf; plug-in type; 2 wnd, single layer wnd; coil shielded in metal can; tickler wnd c/o 1 2/3 turns #28 E wire, 0.04 ohms DC resistance, secd c/o 10 1/2 turns #28 E wire, 0.2 ohms DC resistance, freq range 3.3 to 8.0 mc; 2 11/32" lg x 2 1/16" h x 1 21/64" h, excluding term; bakelite form 1 1/2" x 1" OD; built-in air capacitor across secd, variable; scdr adj at top of form; 2 mtg holes 5/16" diam on 7/8" mtg/c; 5 prongs on bottom, 4 are used, 2 are tap positions; fixed capacitor from end of secd wnd; u/w Navy Type 46188 Radio Receiver.                                  |                     |        | 16-C-76337-4067        | N16-T-7058     |                |                       | CNA | SA-531                     | CNA        | E-485 rev 0                 | RBH-1 thru<br>RBH-3     |
| -47305                | TRANSFORMER, RF: 10/5/42<br>RF transf u/w HF osc; plug-in type; three wnd, tickler and secd single layer wnd, ter universal wnd; unshielded; tickler wnd c/o 5 1/3 turns #30 DS wire, 0.1 ohms DC resistance, secd c/o 7 2/3 turns #22 E wire, 0.02 ohms DC resistance, ter c/o 18 turns #10-41 Litz wire, 0.8 ohms DC resistance, freq range 8 to 16 mc; 2 11/32" lg x 2 3/16" h x 1 21/64" wd o/a incl term; polystyrene form; built in air capacitor across secd; scdr adj at top of form; two 5/16" diam holes 7/8" c to c; five prong type term on bottom; two fixed capacitors encl in can; u/w MT-46188 Radio Receiver. |                     |        |                        | N16-T-7059     |                |                       | CNA | SA-532                     | CNA        | E-481 rev0                  | RBH-1<br>RBH-2<br>RBH-3 |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-61

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SHEET 47-62

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A B O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|----------------------------------|
| -47306                | COIL, RF: 10/13/42<br>ant loading coil; single wnd, tapped; coil shielded in metal can; freq range 2000 to 3000 kc when used w/ant shorter than 80 ft; air core; incl one 11 position coarse sw, and one 7 position fine sw; mts by two mtg bkts and universal mtg holes in all sides of the box; has two binding posts.   |                     |        |                        | N16-C-14392    |                |                       | COL        | 190U-1                     |            |                             | TCH-1                            |
| -47307                | COIL, RF: 12/22/42<br>RF choke; single wnd, single layer wnd; unshielded; rated 0.05 microhenries at 500 kc, DC resistance 0.0175 ohms, turns #18 E copper wire; 1 1/4" lg x 1/3" OD o/a excluding term; phenolic form, 1 1/4" lg x 1/4" OD; mts by two wire leads one at ea end of form; wax impr.  |                     |        | 16-C-72683-7483        | N16-RC-17649   |                |                       | CGI        | SA00-2919                  | CGI        |                             | OAA-2                            |
| -47308                | TRANSFORMER, RF: 12/29/42<br>RF transf; plug-in type; two wnd, single layer wnd; unshielded; pri 3 7/8 turns #30 DS wire, 0.166 ohms DC resistance, secd 5 7/8 turns #22 E wire, 0.02 ohms DC resistance, freq range 14 to 30 mc; 2 11/32" lg x 1 11/16" h x 1 21/64" wd o/a incl term; bakelite form; incl built in air capacitor across secd; scdr adj at top of form; two 5/32" diam holes 7/8" c to c; five prong type term on bottom; has fired capacitor incl in can; u/w NT-46187 Radio Receiver.   |                     |        | 17-T-81458-3058        | N16-T-7075     |                |                       | CNA<br>CNA | SA-54-Q<br>Coil type A-1   | CNA        | E-159 rev0                  | RAO-2<br>RAO-6<br>RAO-7<br>RAO-9 |
| -47309                | TRANSFORMER, RF: 12/29/42<br>RF transf; plug-in type; three wnd, single layer wnd, pri and secd interwound; unshielded; pri c/o 9 1/2 turns #36 DS wire, 0.7 ohms p/m 10% DC resistance, secd c/o 10 1/3 turns #22 E wire, 0.04 ohms p/m 10% DC resistance, ter c/o 49 turns #38 E wire, 5.8 ohms p/m 10% DC resistance, freq range 14 to 30 mc; 2 11/32" lg x 1 7/8" h x 1 21/64" wd o/a incl term; bakelite form; incl built in air capacitor across secd; scdr adj at top of form; two 5/32" diam holes 7/8" c to c; five prong type term on bottom; same as NT-47310 except for relation of pri and secd wnd; u/w NT-46187 Radio Receiver. |                     |        | 17-T-81458-4071        | N16-T-7080     |                |                       | CNA<br>CNA | SA-54-R<br>Coil type A-2   | CNA        | E-160 rev0                  | RAO-2<br>RAO-6<br>RAO-7<br>RAO-9 |
|                       |  |                     |        |                        |                |                |                       |            |                            |            |                             |                                  |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-62

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SHEET 47-63

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                     |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|---------------------------------------|
| -47310                | <p>TRANSFORMER, RF: 12/29/42</p> <p>RF transf; plug-in type; three wnd, single layer wnd, pri end secd interwound; unshielded; pri c/o 9 1/2 turns #36 DS wire, 0.7 ohms p/m 10% DC resistance, secd c/o 10 1/3 turns #22 E wire, 0.04 ohms p/m 10% DC resistance, ter c/o 49 turns #38 E wire, 5.8 ohms p/m 10% DC resistance, freq range 14 to 30 mc; 2 11/32" lg x 1 7/8" h x 1 21/64" wd o/a incl term; bakelite form; incl built in air capacitor across secd; secd adj at top of form; two 5/32" diam holes 7/8" c to c; five prong type term on bottom; same as NT-47309 except for relation of pri and secd wnd.</p> |                     |        | 17-T-81458-4081        | N16-T-7070     |                |                       | CNA<br>CNA | SA-54-S<br>Coil type A-3   | CNA        | E-161 rev0                  | RA0-2<br>RA0-6<br>RA0-7<br>RA0-9      |
| -47311                | <p>TRANSFORMER, RF: 12/29/42</p> <p>RF transf; plug-in type; two wnd, single layer wnd; unshielded; tickler wnd c/o 2 1/4 turns #30 DS wire, 0.05 ohms DC resistance, secd c/o 5 1/2 turns #22 E wire, 0.02 ohms DC resistance, freq range 14 to 30 mc; 2 11/32" lg x 1 11/16" h x 1 21/64" wd o/a incl term; bakelite form; incl built in air capacitor across secd; secd adj at top of form; two 5/32" diam holes 7/8" c to c; five prong type term on bottom; has fixed capacitor from start of secd to gnd; u/w NT-46187 Radio Receiver.</p>   |                     |        | 16-C-76281-7850        | N16-T-6391-4   |                |                       | CNA<br>CNA | SA-54-T<br>Coil type A-4   | CNA        | E-162 rev0                  | RA0-2<br>RA0-6<br>RA0-7<br>RA0-9      |
| -47312                | <p>TRANSFORMER, RF: 12/29/42</p> <p>first RF transf; plug-in type; two wnd, single layer wnd; unshielded; pri c/o 2 4/5 turns #28 DS wire, 0.2 ohms DC resistance, secd c/o 9 1/2 turns #24 E wire, 0.09 ohms DC resistance, freq range 6.4 to 14 mc; 2 11/32" lg x 1 21/64" wd x 2 1/16" h, o/a; bakelite form air core; 1 1/2" x 1" form; built-in var air capacitor across secd; secd adj at top of form; 2 mtg holes 5/32" diam on 7/8" mtg/c; 5 prongs on bottom; wax inspr.</p>  |                     |        | 17-T-82196-3060        | N16-T-7074     |                | 3C329-13              | CNA<br>CNA | SA-54-M<br>Coil type B-1   | CNA<br>CWQ | E-163 rev0<br>9A1624 1esa   | RA0-2 thru<br>RA0-6<br>RA0-7<br>RA0-9 |
|                       |  |                     |        |                        |                |                |                       |            |                            |            |                             |                                       |
|                       |  |                     |        |                        |                |                |                       |            |                            |            |                             |                                       |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-63

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SHEET 47-64

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                     |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|---------------------------------------|
| -47313                | TRANSFORMER, RF: 12/29/42<br>second RF transf; plug-in type; two wnd, pri univer-<br>sal wnd, secd single layer wnd; unshielded; pri c/o<br>73 turns #36 ES wire, 3.4 ohms DC resistance, secd<br>c/o 9 2/5 turns #24 E wire, 0.1 ohm DC resistance,<br>freq range 6.4 to 14 mc; 2 11/32" lg x 1 21/64" wd x<br>2 1/16" h, c/a; pri polystyrene form, secd bakelite<br>form; built-in var air capacitor across secd; scdr<br>adj at top of form; 2 mtg holes 5/32" diam on 7/8"<br>mtg/c; 5 prongs on bottom; wax impr, cap wnd inter-<br>wound, turn on end of secd; u/v Navy Type 46187<br>Radio Receiver; same as Navy Type 47314 except for<br>Q of secd. |                     |        | 17-T-82196-3062        | N16-T-7079     |                | 30329-28              | CNA<br>CNA | SA-54-N<br>Coil type B-2   | CWQ<br>CNA | 9A1637 1ssA<br>E-164 rev0   | RAO-2 thru<br>RAO-6<br>RAO-7<br>RAO-9 |
| -47314                | TRANSFORMER, RF: 12/29/42<br>detector transf; plug-in type; two wnd, pri universal<br>wnd, secd single layer wnd; unshielded; pri c/o 73<br>turns #36 ES wire, 3.4 ohms DC resistance, secd c/o<br>9 2/5 turns #24 E wire, 0.1 ohm DC resistance, freq<br>range 6.4 mc to 14 mc; 2 11/32" lg x 1 21/64" wd x<br>2 1/16" h, c/a; pri polystyrene form, secd bakelite<br>form; built-in var air capacitor across secd; scdr<br>adj at top of form; 2 mtg holes 5/32" diam on 7/8"<br>mtg/c; 5 prongs on bottom; wax impr, cap wnd inter-<br>wound, turn on end of secd; u/v Navy Type 46187<br>Radio Receiver; same as Navy Type 47313 except for Q<br>of secd. |                     |        | 17-T-82196-3064        | N16-T-7069     |                | 30329-24              | CNA<br>CNA | SA-54-0<br>Coil type B-3   | CWQ<br>CNA | 9A1648 1ssA<br>E-165 rev0   | RAO-2 thru<br>RAO-7<br>RAO-9          |
| -47315                | TRANSFORMER, RF: 12/29/42<br>osc transf; plug-in type; 1 wnd, single layer wnd, 2<br>sect; unshielded; tickler wnd c/o 2 3/5 turns #28 DS<br>wire, 0.04 ohm DC resistance, secd wnd c/o 8 3/4<br>turns #24 E wire, 0.03 ohm DC resistance, freq range<br>6.4 mc to 14 mc; 2 11/32" lg x 1 21/64" wd x 2 1/16"<br>h, c/a; bakelite form, air core; 1 1/2" lg x 1" diam<br>form; built-in var air capacitor; scdr adj at top of<br>form; 2 mtg holes 5/32" diam on 7/8" mtg/c; 5 prongs<br>on bottom, only 4 used; wax impr, has fixed capacitor<br>in series w/var capacitor; u/v Navy Type 46187<br>Radio Receiver.   |                     |        | 16-C-76322-4426        | N16-T-6391-3   |                | 30329-18              | CNA<br>CNA | SA-54-P<br>Coil type B-4   | CNA        | E-166 rev 0                 | RAO-2 thru<br>RAO-6<br>RAO-7<br>RAO-9 |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-64

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SHEET 47-65

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO | EQUIPMENT USED IN                |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|----------------------------|----------------------------------|
| -47316                | TRANSFORMER, RF: 12/29/42<br>RF transf; two wnd, single layer wnd; unshielded; pri c/o 7 turns #28 DS wire, 0.3 ohms DC resistance, secd c/o 22 3/4 turns #28 E wire, 0.4 ohms DC resistance, freq range 2.8 to 6.4 mc; 2 11/32" lg x 1 21/64" wd x 2 1/16" h c/a incl term; bakelite form, air core; incl built-in padder capacitor; scdr adj at top of form; two 5/32" diam holes 7/8" c to c; five prong type term on bottom.  |                     |        | 17-T-82185-4860        | N16-T-7073     |                |                       | CNA<br>CNA | SA-54-1<br>Coil type C-1   | CNA        | E-167 rev0                 | RAO-2<br>RAO-6<br>RAO-7<br>RAO-9 |
| -47317                | TRANSFORMER, RF: 12/29/42<br>RF transf; two wnd, pri universal wnd, secd single layer wnd; unshielded; pri c/o 252 turns #36 ES wire, 13.2 ohms DC resistance, secd c/o 22 3/4 turns #28 E wire, 0.4 ohms DC resistance, freq range 2.8 to 6.4 mc; 2 11/32" lg x 1 21/64" wd x 2 1/16" h c/a incl term; secd bakelite form, pri polystyrene form, air core; incl built-in padder capacitor; scdr adj at top of form; two holes 5/32" diam 7/8" c to c; five prong type term on bottom; u/w NT-46187 Radio Receiver; same as NT-40318 except for relation of pri and secd wnd. |                     |        | 17-T-82185-4862        | N16-T-7078     |                |                       | CNA<br>CNA | SA-54-7<br>Coil type C-2   | CNA        | E-168 rev0                 | RAO-2<br>RAO-6<br>RAO-7<br>RAO-9 |
| -47318                | TRANSFORMER, RF: 12/29/42<br>RF transf; two wnd, pri universal wnd, secd single layer wnd; unshielded; pri c/o 252 turns #36 ES wire, 13.2 ohms DC resistance, secd c/o 22 3/4 turns #28 E wire, 0.4 ohms DC resistance, freq range 2.8 to 6.4 mc; 2 11/32" lg x 1 21/64" wd x 2 1/16" h c/a incl term; secd bakelite form, pri polystyrene form, air core; incl built-in padder capacitor; scdr adj at top of form; two holes 5/32" diam 7/8" c to c; five prong type term on bottom; u/w NT-46187 Radio Receiver; same as NT-40317 except for relation of pri and secd wnd. |                     |        | 17-T-82185-4864        | N16-T-7068     |                |                       | CNA<br>CNA | SA-54-K<br>Coil type C-3   | CNA        | E-169 rev0                 | RAO-2<br>RAO-6<br>RAO-7<br>RAO-9 |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-65

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SHEET 47-66

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR#       | MANUFACTURER'S PART NUMBER  | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|-----------------------------|------------|-----------------------------|----------------------------------|
| -47319                | <p>TRANSFORMER, RF: 12/29/42</p> <p>RF transf; two wnd, single layer wnd; unshielded; tickler wnd c/o 5 3/4 turns #28 E wire, 0.4 ohms DC resistance, secd c/o 20 turns #28 E wire, 13.2 ohms DC resistance, freq range 2.8 to 6.4 mc; 2 11/32" lg x 1 21/64" h, o/a, 25 3/4 turns #28 wire total turns; bakelite form, air core 1 1/2" lg x 1" OD; incl built-in padder capacitor; scdr adj at top of form, variable, 3.5 to 14 mmf and a fixed capacitor 0.00136 mfd; 2 holes 5/32" diam, 7/8" c to c; 5 prong type term on bottom; tapped at end of plate wnd sect; u/w Navy Type 46187 Radio Receiver.</p> |                     |        | 16-T-76433-3845        | N16-T-6391-2   |                | 30329-17              | CNA<br>CNA | SA-54-L<br>Coil type C-4    | CNA        | E-170 rev0                  | RAO-2 thru<br>RAO-7<br>RAO-9     |
| -47320                | <p>TRANSFORMER, RF: 12/29/42</p> <p>RF transf; two wnd, universal wnd; unshielded; pr c/o 23 turns #30 DS wire, 0.4 ohms DC resistance, secd c/o 53 turns #10-41 Litz wire, 1.4 ohms DC resistance, freq range 1.3 to 2.8 mc; 2 11/32" lg x 1 21/64" wd x 2 1/16" h o/a incl term; polystyrene form, air core; incl built-in padder capacitor; scdr adj at top of form; two holes 5/32" diam 7/8" c to c; five prong type term on bottom; u/w NF-46187 Radio receiver.</p>   |                     |        | 17-T-82180-9360        | N16-T-7072     |                |                       | CNA<br>CNA | D-15A-54-E<br>Coil type D-1 | CNA        | E-171 rev0                  | RAO-2<br>RAO-6<br>RAO-7<br>RAO-9 |
| -47321                | <p>TRANSFORMER, RF: 12/29/42</p> <p>RF transf; two wnd, universal wnd; unshielded; pri c/o 353 turns #36 ES wire, 26 ohms DC resistance, secd c/o 54 turns #10-41 Litz wire, 1.4 ohms DC resistance, freq range 1.3 to 2.8 mc; 2 11/32" lg x 1 21/64" wd x 1 9/16" h, o/a; polystyrene form, air core, 1" lg x 9/16" OD; incl built-in padder capacitor, variable, 4 to 21 mmf across secd; scdr adj at top of form; 2 holes for mtg 5/32" diam, 7/8" c to c; 5 prong type term on bottom; u/w Navy Type 46178 Radio Receiver.</p>   |                     |        | 17-T-82180-9362        | N16-T-7077     |                |                       | CNA<br>CNA | SA-54-F<br>Coil type D-2    | CNA        | E-172 rev0                  | RAO-2<br>RAO-6<br>RAO-7<br>RAO-9 |
| -47322                | <p>TRANSFORMER, RF: 12/29/42</p> <p>RF transf; two wnd, universal wnd; unshielded; pri c/o 353 turns #36 ES wire, 26 ohms DC resistance, secd c/o 54 turns #10 ES wire, 1.4 ohms DC resistance, freq range 1.3 to 2.8 mc; 2 11/32" lg x 1 21/64" wd x 1 9/16" h, o/a; polystyrene form, air core, 1" lg x 9/16" OD; incl built-in padder capacitor, variable, 4 to 21 mmf across secd; scdr adj at top of form; 2 mtg holes 5/32" diam, 7/8" c to c; 5 prong type term on bottom.</p>  |                     |        | 17-T-82180-9364        | N16-T-7067     |                |                       | CNA<br>CNA | SA-54-G<br>Coil type D-3    | CNA        | E-173 rev 0                 | RAO-2<br>RAO-6<br>RAO-7<br>RAO-9 |

SHEET 47-66

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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

RESTRICTED

SHEET 47-67

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR               | MANUFACTURER'S PART NUMBER                 | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-------------------|--|------------|-----------------------------|----------------------------------|
| -47323                | TRANSFORMER, RF: 12/29/42<br>RF transf; two wnd, single layer wnd; unshielded; tickler wnd c/o 7 1/2 turns #28 E wire, 0.15 ohms DC resistance, secd c/o 48 1/4 turns #28 E wire, 0.9 ohms DC resistance, freq range 1.3 to 2.8 mc, 55 1/3 turns #28 wire total turns; 2 11/32" lg x 1 21/64" wd x 2 13/32" h, c/a incl term; bakelite form, air core, 1 1/2" lg x 1" OD; incl built-in var padder capacitors, 1 var 4.5 to 28 mmf, 1 fixed 0.0008 mfd; scdr adj at top of form; 2 mtg holes 5/32" diam, 7/8" c to c; 5 prong type term on bottom. |                     |        | 16-C-76503-1548        | N16-T-6391-1   |                |                       | CNA<br>CNA        | SA-54-E<br>Coil type D-4                   | CNA        | E-174 rev 0                 | RAO-2<br>RAO-6<br>RAO-7<br>RAO-9 |
| -47324                | TRANSFORMER, RF: 12/29/42<br>RF transf; 2 wnd, universal wnd; unshielded; freq range 0.54 to 1.3 mc, pri has 0.7 ohm DC resistance, secd has 3.2 ohms DC resistance; pri wnd has 39 turns #30 DS wire, secd wnd has 129 turns #10-41 Litz; 2 11/32" lg x 1 21/64" wd x 1 5/16" h, o/a; polystyrene form, air core 3/4" lg x 9/16" OD; incl built-in var capacitor 3 to 11 mmf across secd; scdr adj at top of form; 2 mtg holes 5/32" diam 7/8" c to c; 5 prong type term on bottom.   |                     |        | 17-T-82166-3063        | N16-T-7071     |                |                       | CNA<br>CNA        | E-1SA-54-A<br>Coil type E-1                | CAN        | E-175 rev 0                 | RAO-2<br>RAO-6<br>RAO-7<br>RAO   |
| -47325                | TRANSFORMER, RF: 12/29/42<br>RF transf; 2 wnd, universal wnd; unshielded; freq range 0.54 to 1.3 mc, pri has 0.7 ohm DC resistance, secd has 3.8 ohms DC resistance; pri wnd has 39 turns #30 DS wire, secd wnd has 130 turns #10-41 Litz; 2 11/32" lg x 1 21/64" wd x 1 5/16" h, o/a; polystyrene form 3/4" lg x 9/16" OD, air core; incl built-in var capacitor 3 to 11 mmf across secd; scdr adj at top of form; 2 mtg holes 5/32" diam 7/8" c to c; 5 prong type term on bottom.   |                     |        | 17-T-82166-3065        | N16-T-7076     |                |                       | CNA<br>CNA<br>CNA | E-2SA-54-B<br>E-176 rev 0<br>Coil Type E-2 |            |                             | RAO-2<br>RAO-6<br>RAO-7<br>RAO-9 |
| -47326                | TRANSFORMER, F: 12/29/42<br>RF transf; 2 wnd, universal wnd; unshielded; freq range 0.54 to 1.3 mc, pri has 0.7 ohm DC resistance, secd has 3.8 ohms DC resistance; pri wnd has 39 turns #30 DS wire, secd wnd has 130 turns #10-41 E DS wire; 2 11/32" lg x 1 21/64" wd x 1 5/16" h, o/a; polystyrene form 3/4" lg x 9/16" OD, air core; incl built-in var capacitor 3 to 11 mmf across secd; scdr adj at top of form; 2 mtg holes 5/32" diam 7/8" c to c; 5 prong type term on bottom.   |                     |        | 17-T-82166-3067        | N16-T-7066     |                |                       | CNA<br>CNA        | E-3SA-54-C<br>Coil type E-3                | CNA        | E-177 rev 0                 | RAO-2<br>RAO-6<br>RAO-7<br>RAO-9 |
|                       |  |                     |        |                        |                |                |                       |                   |  |            |                             |                                  |
|                       |  |                     |        |                        |                |                |                       |                   |  |            |                             |                                  |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-67

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SHEET 47-68

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO  | MFGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR           | CONTRACTOR'S DWG OR PART NO  | EQUIPMENT USED IN  |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|------------------------|------------|----------------------------|----------------------|--|--|
| -47327                | TRANSFORMER, RF: 12/29/42<br>RF transf; 2 wnd, universal wnd; unshielded; 0.54 to 1.3 mc, pri has 0.6 ohm DC resistance, secd has 2.2 ohms DC resistance; pri wnd has 39 turns #30 D, C wire, secd wnd has 92 turns #10-41 E, IS wire; 2 11/32" lg x 1 21/64" wd x 1 3/4" h, o/a; polyetj-rene form, air core; 3/4" lg x 9/16" OD form; incl 3 built-in capacitors, 1 var 4.5 to 28 mmf, 1 var 3 to 30 mmf, and 1 fixed 300 mmf; scdr adj at top of form; 2 mtg holes 5/32" diam 7/8" c to o; 5 prong type term on bottom, 4 used. |                     |        | 17-T-82166-3061        | N16-T-6391      |                |                        | CNA<br>CNA | E-4SA-54D<br>Coil type E-4 | CNA                  | E-178 rev 0  | RA0-2<br>RA0-6<br>RA0-7<br>RA0-9   |
| -47328                | COIL, RF: 2/4/43<br>retardation coil; single wnd, duolateral wnd, wax impr; unshielded; rated 110 millihenrys at 1800 cyc, 60.0 ma max, 440 ohms DC resistance, 2870 turns #38 ES wire; approx 1 5/16" OD x 1 5/32" lg o/a excluding term; air core, phenolic form; mte by mtg hole through ctr of form; two solder lug term on base.  |                     |        | 16-C-75593-3395        | N16-C-13163-151 |                | 301988-1<br>30CX1066-8 | CW<br>CW   | 200-Y<br>2004              | CW                   | ESA-682036-5<br>1ee3   | MK-10<br>MK-19<br>MK-29 Mod2<br>MK-18<br>MK-28 Mod0<br>MK-34 Mod3<br>MK-34 Mod4<br>MK-34 Mod2  |
| -47329                | COIL, RF: 2/4/43<br>RF choke; single wnd, duolateral wnd; unshielded; rated 4.65 millihenrys max, 4.45 millihenry min at 1800 cyc, 31 ohms DC resistance max, 200 ma max, 540 turns #34 ES wire; approx 1 7/16" OD x 1 5/32" lg o/a incl term; air core, phenolic form; one 5/32" diam mtg hole through ctr of form; two solder lug term on base.  |                     |        | 16-C-74858-2953        |                 |                |                        | CW         | 200BB                      | CW                   | ESA-682036-6<br>1ee3   | MK-10  |
| -47330                | COIL, RF: 2/4/43<br>retardation coil; single wnd, duolateral wnd, wax impr and dip seal treated; unshielded; rated 11.4 millihenrys p/m 1% at 80 kc, 100 ma max, 72 ohms DC resistance, 830 turns #35 ES wire; approx 1 7/16" OD x 1 9/32" lg o/a incl term; air core, ceramic form; one 5/32" diam mtg hole through ctr of form; two solder lug term on base.<br>NOTE: MK-29 Mod2; MK-34 Mod2; QBF(2); QJA(2); SJ-1; SL-1; SL-a; SS; SV; SV-1; MK-12 Mod 1.   |                     |        | 16-C-75165-4483        | N16-C-13242     |                | 206996-1053<br>A/C1    | CW         | EB-8709                    | CW<br>CW<br>CW<br>CW | ESX-638975-9A<br>ESX-654024-66<br>ESA-642116 1ee1<br>EB-8709<br>ESA-682036-4<br>1ee1 | MK-10<br>MK-8 Mod3<br>MK-12<br>MK-13 Mod0<br>MK-18<br>MK-19<br>MK-27<br>MK-28 Mod0<br>SEE NOTE |
|                       |  |                     |        |                        |                 |                |                        |            |                            |                      |  |  |
|                       |  |                     |        |                        |                 |                |                        |            |                            |                      |  |  |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-68

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SHEET 47-69

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O / STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO  | EQUIPMENT USED IN   |
|-----------------------|--|---------------------|--------|------------------------|----------------|------------------|-----------------------|------|----------------------------|------------|------------------------------|---|
| -47330-A              | COIL, RF: 5/26/45<br>RF choke; one wnd, duolateral wnd; unshielded; rated 11.4 millihenrys at 60 kc, 72 ohms DC resistance, 100 ma max, 830 turns #35 ES wire; 1 1/4" OD x 1 9/32" lg o/a incl term; ceramic form, air core; one 5/32" diam mtg hole through ctr of form; two solder lug term on base; same as NT-47330 except is not wax impr and dip seal treatment not applied.   |                     |        | 16-C-75165-4498        | N16-C-13207-72 |                  |                       | CW   | KS-13027                   | CW         | ESL-638210 1ee2              | MK-13 Mod0  |
| -47331                | COIL, RF: 2/4/43<br>RF choke; two sect CT, duolateral wnd; unshielded; rated 1.0 millihenrys nom, 8 ma at 200v DC or 150v AC; c/o 280 turns #40 E stranded wire, 5 ohms DC resistance, freq range 100 to 300 kc; 1 1/4" h x 1 7/16" diam o/a incl term; ceramic form, air core; one 5/32" diam mtg hole through ctr of form; three solder lug term on top of form; impr, test voltage 300v to gnd.   |                     |        | 16-C-74341-8539        | N16-RC-18233   |                  |                       | CW   | KS-8936                    | CW         | ESA-643241 1ee1              | MK-8  |
| -47332                | COIL, RF: 2/5/43<br>RF choke; single wnd, solenoidal type wnd; shielded in metal can; rated 4.0 millihenrys, 2 ma at 3000 cps, c/o 832 turns #20 E wire, 2 ohms DC resistance; 3 1/2" lg x 1 3/4" wd x 1 3/4" h o/a excluding term and mtg studs; form 3 1/8" lg x 1 21/64" diam; two mtg studs on 3/8" x 7/8" diagonal mtg/c; two solder term on bottom; varnish impr, solenoidal type wnd on magnetic core, potted in metal can.<br>NOTE: MK-34 Mod 2; MK-34 Mod 3; MK-34 Mod 4; PM; SS; SV-1; UF; UN; SV. |                     |        | 16-C-74838-3509        | N16-C-13168-5  |                  | 3C1987-05             | CW   | D-162305                   | CW         | ESO-638315 1ee1              | MK-9<br>MK-10<br>MK-12<br>MK-13<br>MK-18<br>MK-19<br>MK-12 Mod1<br>MK-28 Mod0<br>MK-29 Mod2<br>SEE NOTE |
| -47333                | COIL, RF: 2/5/43<br>inductor equalizer; single wnd; rectangular metal shield can; rated 100 millihenrys c/o 326 turns #29 E wire, 27.5 ohms p/m 10% DC resistance, coil rated 5v AC; 3 1/4" h x 3" lg x 2 1/8" wd o/a; powdered iron core 1 3/4" lg; four 7/32" holes 2 9/16" x 1 15/32" mtg/c; two term on por ina.   |                     |        | 16-C-75585-3852        | N16-C-13001-14 |                  |                       | CFX  | 11375                      | CCS<br>CCS | B-654 rev0<br>6-185          | PD-1<br>PH<br>PJ  |
| -47334                | GONIOMETER: 2/27/43<br>gray wrinkle enamel, aluminum housing; freq range 250 to 1500 kc; 8 1/8" lg x 4 5/8" wd x 5 11/16" h, o/a; mts in back of automatic brg indicator by 2 knurled thumb screws on 4 7/8" mtg/c; 3 male receptacles on 1 side AN Connector AN-3102-18-5F; same electrically as Navy Type 47227 except is smaller in size and different method of mtg.   |                     |        | 16-C-76576-9101        | N16-C-4310     |                  |                       | CFT  | RF-1560-2                  | CFT<br>CFT | RE-325-14<br>RF-1560-2 1se A | DAK-1<br>DAK  |

SHEET 47-69

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL



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SHEET 47-70

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | ES O S OCK NO   | A S O STOCK NO | SIGNAL STOC | CORPS NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR     | CONTRACTOR'S DWG OR PART NO  | EQUIPMENT USED IN          |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|-------------|----------|------|----------------------------|----------------|--|----------------------------|
| -47335                | COIL, RF: 4/12/43<br>ant loading coil assem; coil double layer wnd; mtd in watertight metal case approx 7" x 7" x 5 1/4"; coil c/o 91 turns #18 EDC wire, 32 ohms DC resistance, 12 taps; 1 1/4" h x 8 7/8" wd x 5 7/8" thk, o/a, stuffing tube on bottom; phenolic coil form, air core; form 5 1/2" lg x 2" diam w/term board mtd on top; adj by 14 scdr lug term on board; coil mtd by 2 mtg holes on form, box mtd by 4 eers on back ea w/ 7/16" diam mtg hole, 5" x 8 1/8" mtg/c; 14 solder lug term; Navy nameplate on side.        |                     |        | 16-C-75321-4641        | N16-RT-81136-73 |                |             |          | CG   | P-367627                   | CFE<br>CC      | 300.441<br>47798-1   | DAS<br>DAS-4               |
| -47336                | ANTENNA COUPLING TRANSFORMER: 5/10/43<br>RF tranef; 2 wnd, 1 single layer wnd, 1 double copper layer wnd; shielded, sq metal can; wnd #1, 250 ohms DC resistance, wnd #2, 700 ohms DC resistance, iron core; wnd #2 c/o 20 turns #28 ES wire, wnd #1 c/o 18 turns #28 ES wire; 10 1/8" lg x 10 1/2" wd x 5 5/16" h, excluding term; crolite form, iron core; 4 mtg holes 3/8" diam on 6 3/4" x 9 1/8" mtg/c; 8 solder lug term inside case, 2 stand off pillar term on outside of case; for matching 700 ohm rhombic ant to 70 ohm line. | RW47F191A           |        | 16-C-91701-1070        |                 |                |             |          |      |                            |                |  |                            |
| -47337                | COIL, RF: 5/11/43<br>RF choke; single wnd, universal wnd; unshielded; rated 49 to 73.5 millihenrys at 1000 cps, c/o 1975 turns #38 ES wire, 221 ohms DC resistance; approx 1 5/8" lg x 1 5/8" OD o/a; phenolic form, adj iron core; scdr adj at top of form; two holes for mtg screws 1 1/4" c to c; two solder lug term on bottom; varnish impr.  |                     |        | 16-C-76841-8251        | N16-RT-81145    |                |             |          | CG   | K-47075                    | CG             | X-47045-1 rev0   | SC-3<br>SK-2<br>SK-3<br>SP |
| -47338                | REACTOR: 6/3/43<br>retardation coil; dual wnd in common case; term 1-2, 1.0 hy, term 1-3, 4.0 hy at 30v, 800 cyc, 50 ma; 350 ohms effective resistance, term 1-2, 125 ohms DC resistance, term 2-3, 125 ohms DC resistance; approx 3000v test; wnd 1-2, 1950 turns, wnd 2-3, 1950 turns; 3 7/16" h x 2 9/16" lg x 1 23/32" wd, o/a approx, 2 9/16" h less term and mtg studs; 3 hook type solder term 7/8" lg, 1/2" c to c; 3 hook type solder term on bottom 7/8" lg; permalloy core.   |                     |        | 16-R-29661-7226        | N16-C-13063     |                |             |          | CW   | D163600                    | CW<br>CW<br>CW | ESX-633975-25<br>ESX-654024-05<br>ESX-657306-163<br>ESA-645287 133 1 | Q3F<br>QJA<br>QJ5          |
|                       |  |                     |        |                        |                 |                |             |          |      |                            |                |  |                            |
|                       |  |                     |        |                        |                 |                |             |          |      |                            |                |  |                            |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-70

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SHEET 47-71

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR         | MANUFACTURER'S PART NUMBER | CONTRACTOR     | CONTRACTOR'S DWG OR PART NO                         | EQUIPMENT USED IN                 |
|-----------------------|---|---------------------|--------|------------------------|-----------------|----------------|-----------------------|-------------|----------------------------|----------------|---|-----------------------------------|
| -47339                | TRANSFORMER, RF: 6/3/43<br>RF transf; three wnd, duolateral wnd; shielded in metal can; pri c/o 574 turns #36 wire, 58 ohms DC resistance, first secd c/o 16 turns #28 E wire, 0.3 ohms DC resistance, second secd c/o 16 turns #28 E wire, 0.3 ohms DC resistance, freq range 150 kc to 180 kc; 2 9/16" lg x 2 17/32" wd x 1 11/16" h o/a excluding term and mtg studs; two 0.164-32 thd x 11/16" lg mtg studs on 1 3/4" mtg/c; seven solder lug term on bottom; impedance ratio 30000 to 80 w/secd in parallel. |                     |        | 17-T-81315-8591        | H16-T-7153      |                |                       | CAQB<br>CM  | SW3548<br>D163115          | CM<br>CM<br>CM | ESX-654024-124<br>ESX-657008-209<br>ESA-645914 1982 | QBF<br>QBF(2)<br>QJA(2)<br>QJB(2) |
| -47340                | TRANSFORMER, IF: 6/17/43<br>peak freq 175 kc; interstage transf; shielded in rectangular aluminum can; 2 3/8" lg x 2 1/16" wd x 4 1/16" h o/a excluding mtg studs; bakelite form, air core; tuned pri and secd; two var air capacitors; two 5/16" lg x #6-32 thd screws 1 15/16" c to c; four color coded leads from bottom of can; incl two capacitors rated 6-85 mmf, and two resistors rated 250,000 ohms, 1/2w.   |                     |        | 17-T-67508-7741        |                 |                |                       | CNA         | SA-1303                    | CNA            | F-319 sub2  | RAS-1<br>(Modified)               |
| -47341                | TRANSFORMER, IF: 6/17/43<br>peak freq 175 kc; interstage transf; shielded in rectangular aluminum can; 4 1/16" h x 2 3/8" lg x 2 1/16" wd o/a excluding mtg studs; bakelite form, air core; tuned pri and secd; two var air capacitors; two 5/16" lg x #6-32 thd studs 1 15/16" c to c; five color coded wire lead term; incl two capacitors rated 6 to 85 mmf, and two resistors rated 250,000 ohms, 1/2w.   |                     |        | 17-T-67508-7771        |                 |                |                       | CNA         | SA-1304                    | CNA            | F-318 sub2  | RAS-1<br>(Modified)               |
| -47342                | Antenna Loading Coil: 6/24/43<br>ant loading coil; single wnd, single layer wnd, wax impr; shielded in metal case; c/o 51 turns #24 copper wire tapped at 11, 21, 31, 41, 43, 45, 47 and 49 turns, 0.3 ohms DC resistance, rated 163 microhenrys; 6 1/8" lg x 5 1/8" wd x 4 27/32" h o/a excluding term and mtg bkt; bakelite form, air core; four 5/16" diam holes on 7 1/8" x 3 5/16" mtg/c; ten screw term on board and one lead in term on bottom; has Navy nameplate.  |                     |        | 16-C-73904-2801        | N16-T-18589-100 |                |                       | CFE<br>CBEC | 35-389                     | CFE            | 300.247   | DAS-1<br>DAS-3                    |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-71

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SHEET 47-72

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR        | MANUFACTURER'S PART NUMBER | CONTRACTOR        | CONTRACTORS DWG OR PART NO     | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-------------|----------------------------|-------------------|--------------------------------|-------------------|
| -47342-A              | Antenna Loading Coil: 10/4/44<br>ant loading coil; single wnd, single layer wnd, var<br>impr; unshielded in metal case; c/o 51 turns #24 copper<br>wire tapped at 8, 15, 21, 27, 32, 37, 41, 45 and 48<br>turns, 0.3 ohms DC resistance, rated 163 microhenrys;<br>6 1/8" lg x 5 1/8" wd x 4 27/32" h o/a excluding term<br>end mtg bkt; bakelite form, air core; four 5/16" diam<br>holes on 3 5/16" x 7 1/8" mtg/c; ten screw term on<br>board and one lead in term on bottom; has Navy name-<br>plate; same as NT-47342 except coil box has stuffing<br>tube in one end instead of a por entering ins. |                     |        | 16-C-73904-2811        | NT6-T-18605    |                |                       | CFE<br>CBEG | 300.303                    | CFE<br>CFE<br>CFE | 300.303A<br>95.684D<br>95.686C | DAS-3<br>DAS-1    |
| -47343                | Coupling Unit: 7/2/43<br>coupling unit; c/o five RF coils and tuning capacitor<br>on common mtg; freq range 1 to 22 mc; rectangular<br>shaped; approx 11 1/4" lg x 8" wd; mts by four holes<br>in back; incl two dials, one for switching coils,<br>one for varying cap; has Navy nameplate.  |                     |        | 16-T-98042-1001        |                |                |                       | CEJ         |                            | CRV               | MI-19442                       | TDU               |
| -47344                | COIL, RF: 7/2/43<br>RF coil used in first amplr; single wnd, tapped;<br>unshielded; freq range 2 to 6 mc; approx 2 7/8" lg<br>x 1 1/2" diam o/a; ins form, air core; freq varied<br>by shorting out turns; uses lug term located on coil<br>to short out turn; mts by two stand-offs w/one at<br>ea end of coil form; five copper strap term; coil CRV<br>type 3L4-1.   |                     |        |                        |                |                |                       | CEJ         |                            | CRV               | MI-7265-A                      | TDU               |
| -47345                | COIL, RF: 7/2/43<br>RF coil used in first amplr; single wnd, tapped;<br>unshielded; freq range 5 to 12 mc; approx 2 7/8" lg<br>x 1 1/2" diam o/a; ins form, air core; freq varied<br>by shorting out turns; uses lug term located on coil<br>to short out turns; mts by two stand-offs w/one at ea<br>end of coil form; five copper strap term; coil CRV<br>type 3L4-2.   |                     |        |                        |                |                |                       | CEJ         |                            | CRV               | MI-7265-B                      | TDU               |
|                       |   |                     |        |                        |                |                |                       |             |                            |                   |                                |                   |
|                       |   |                     |        |                        |                |                |                       |             |                            |                   |                                |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-72

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SHEET 47-73

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|----------------------------|-------------------|
| -47346                | COIL, RF: 7/2/43<br>RF coil used in first amplr; single wnd, tapped; unshielded; freq range 9 to 20 mc; approx 2 7/8" lg x 1 1/2" diam o/s; ins form, air core; freq varied by shorting out turns; uses lug term located on coil to short out turns; mts by two stand-offs w/one at ea end of coil form; five copper strap term; coil CRV type 3L4-3   |                     |        |                        |                |                |                       | CEJ  |                            | CRV        | MI-7265-C                  | TDU               |
| -47347                | COIL, RF: 7/2/43<br>RF coil used in first amplr; single wnd, tapped; unshielded; freq range 19 to 22 mc; approx 2 7/8" lg x 1 1/2" diam o/s; ins form, air core; freq varied by shorting out turns; uses lug term located on coil to short out turns; mts by two stand-offs w/one at ea end of coil form; five copper strap term; coil CRV type 3L4-4. |                     |        |                        |                |                |                       | CEJ  |                            | CRV        | MI-7265-D                  | TDU               |
| -47348                | COIL, RF: 7/2/43<br>RF coil used in second amplr; single wnd, tapped; unshielded; freq range 2 to 5 mc; approx 7" lg x 3" diam o/s; ins form, air core; freq varied by shorting out turns; uses lug term located on coil to short out turns; mts by two stand-off ins; three copper strap term; coil CRV type 3L7-1.                                   |                     |        |                        |                |                |                       | CEJ  |                            | CRV        | MI-7265-E                  | TDU               |
| -47349                | COIL, RF: 7/2/43<br>RF coil used in second amplr; single wnd, tapped; unshielded; freq range 5 to 10 mc; approx 7" lg x 3" diam o/s; ins form, air core; freq varied by shorting out turns; uses lug term located on coil to short out turns; mts by two stand-off ins; three copper strap term; coil CRV type 3L7-2.                                  |                     |        |                        |                |                |                       | CEJ  |                            | CRV        | MI-7265-F                  | TDU               |
| -47350                | COIL, RF: 7/2/43<br>RF coil used in second amplr; single wnd, tapped; unshielded; freq range 10 to 18 mc; approx 7" lg x 3" diam o/s; ins form, air core; freq varied by shorting out turns; uses lug term located on coil to short out turns; mts by two stand-off ins; three copper strap term; coil CRV type 3L7-3.                                 |                     |        |                        |                |                |                       | CEJ  |                            | CRV        | MI-7265-G                  | TDU               |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-73

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SHEET 47-74

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -47351                | COIL, RF: 7/2/43<br>RF coil used in second amplr; single wnd, tapped; unshielded; freq range 18 to 22 mc; approx 7" lg x 3" diam o/a; ins form, air core; freq varied by shorting out turns; uses lug term located on coil to short out turns; mts by two stand-off ins; three copper strap term; coil CRV type 3L7-4. |                     |        |                        |                |                |                       | CEJ |                            | CRV        | MI-7265-H                   | TDU               |
| -47352                | COIL, RF: 7/2/43<br>RF coil used in third (power) amplr; single wnd, tapped; unshielded; freq range 1.8 to 2.5 mc; air core, air wnd; freq varied by shorting out turns; uses lug term located on coil to short out turns; mts on mtg form w/two holes; five copper strap term; coil CRV type 4L1-1.                   |                     |        |                        |                |                |                       | CEJ |                            | CRV        | MI-7265-J                   | TDU               |
| -47353                | COIL, RF: 7/2/43<br>RF coil used in third (power) amplr; single wnd, tapped; unshielded; freq range 5 to 10 mc; air core, air wnd; freq varied by shorting out turns; uses lug term located on coil to short out turns; mts on mtg form w/two holes; five copper strap term; coil CRV type 4L1-2.                      |                     |        |                        |                |                |                       | CEJ |                            | CRV        | MI-7265-K                   | TDU               |
| -47354                | COIL, RF: 7/2/43<br>RF coil used in third (power) amplr; single wnd, tapped; unshielded; freq range 9 to 12 mc; air core, air wnd; freq varied by shorting out turns; uses lug term located on coil to short out turns; mts on mtg form w/two holes; five copper strap term; coil CRV type 4L1-3.                      |                     |        |                        |                |                |                       | CEJ |                            | CRV        | MI-7265-L                   | TDU               |
| -47355                | COIL, RF: 7/2/43<br>RF coil used in third (power) amplr; single wnd, tapped; unshielded; freq range 11.8 to 18 mc; air core, air wnd; freq varied by shorting out turns; uses lug term located on coil to short out turns; mts on mtg form w/two holes; five copper strap term; coil CRV type 4L1-4.                   |                     |        |                        |                |                |                       | CEJ |                            | CRV        | MI-7265-M                   | TDU               |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-74

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SHEET 47-75

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -47356                | COIL, RF: 7/2/43<br>RF coil used in third (power) amplr; single wnd, tapped; unshielded; freq range 18 to 20 mc; air core, air wnd; freq varied by shorting out turns; uses lug term located on coil to short out turns; mts on mtg form w/two holes; five copper-strap term; coil CRV type 4L1-5.   |                     |        |                        |                |                |                       | CEJ |                            | CRV        | MI-7265-N                   | TDU               |
| -47357                | COIL, RF: 7/2/43<br>RF coil used in third (power) amplr; single wnd, tapped; unshielded; freq range 20 to 22 mc; air core, air wnd; freq varied by shorting out turns; uses lug term located on coil to short out turns; mts on mtg form w/two holes; five copper strap term; coil CRV type 4L1-6.   |                     |        |                        |                |                |                       | CEJ |                            | CRV        | MI-7265-P                   | TDU               |
| -47358                | COIL, RF: 7/2/43<br>RF choke; single wnd, layer wnd; unshielded; freq range 2 to 18 mc; 5 3/4" lg x 2 1/2" diam o/a; steatite form, air core; mtd by bolts through coil form; two wing nut term.   |                     |        |                        |                |                |                       | CEJ |                            | CRV        | MI-7265-Q                   | TDU               |
| -47359                | COIL, RF: 7/2/43<br>RF choke; one wnd, unshielded; freq range 18 to 22 mc; 5 3/4" lg x 2 1/2" diam o/a; steatite form, air core; mts by bolts through coil base; two screw type term.  |                     |        |                        |                |                |                       | CEJ |                            | CRV        | MI-7265-R                   | TDU               |
| 47360                 | COIL ASSEMBLY, TUBE FOCUSING: 7/27/43<br>focusing tubes; general use; 300v, 0.02 amp approx, DC resistance 17000 ohms p/m 10%, inductance 300 henries p/m 20% at 1000 cyc; 39000 turns of 0.004 E wire, #38 E approx; 1 3/4" lg x 4.625" OD, o/a, 1 1/2" ID; mtd by three #8-32 holes on side, spaced 120 deg apart; "901630-501" stamped on form.             |                     |        | 16-C-77273-1001        | 116-C-14090-3  |                |                       | CRV | K-901630-501<br>sub 1      |            |                             | SA-3              |
| -47361                | COIL, RF: 7/29/43<br>RF choke; single wnd, two pie universal wnd, varnish impr; unshielded; rated 4.1 millihenry p/m 0.1% at 1000 cps, 500 ma DC, 5w max, o/o approx 270 turns #26 DC wire per pie, 8 ohms DC resistance; 3" lg x 1 1/2" OD o/a; alsmag form; two #10-32 thd holes for mtg, one at ea end of form; two solder lug term, one at ea end of coil. |                     |        | 16-C-74845-6886        |                |                |                       | CFT | RA-1682-1                  | CFT        | RA-1682-1 1ssa              | YL                |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-75

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SHEET 47-76

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR        | CONTRACTOR'S DWG OR PART NO                       | EQUIPMENT USED IN                                 |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|-----------------------|------|----------------------------|-------------------|---|---|
| -47362                | COIL, RF: 9/2/43<br>RF choke; single wnd, single layer wnd; unshielded; freq bend 2 1/2 meters, rated 2.3 microhenrys p/m 20%, 0.19 ohms p/m 20% DC resistance, 1 amp; 1 3/4" lg x 1/4" OD o/a; steatite form; mtd by two axial wire lead term; moisture proofed.  |                     |        | 16-C-72876-2128        | N16-RC-17850    |                |                       | COM  | Z-0                        | CALG<br>CW        | A91<br>BA-10174 1se1                              | MK-12<br>MK-12(2)<br>MK-12 Mod1 (2)<br><br>OBV(2) |
| -47363                | COIL SET: 9/17/43<br>phenolic forms w/aluminum or zinc shields; c/o 3 plug-in type coils; (1) ant transf w/low and high impedance pri, low impedance pri, 14 turns #36 DS wire CT, secd, 76 turns #30 DC wire w/125 mmf silver mica capacitor, CFW #13066; (2) RF plate coil, 76 turns #30 DC wire w/125 mmf silver mica capacitor, CFW #13064; (3) grid coil, same as (2) CFW #13065; 3 shields ea 3 1/2" lg x 1 7/16" sq; for band #1 (2.0 to 2.8 mc); permeability tuned; same as Navy Type 47364 except for different value of capacitor.                      |                     |        | 16-C-78532-9741        | N16-RT-80309    |                |                       | CFW  |                            | CCI<br>CCI<br>CCI | 82-2F-208 rev A<br>82-2F-301 rev A<br>82F-CW301X  | RDE   |
| -47364                | COIL SET: 9/17/43<br>phenolic forms w/aluminum or zinc shields; c/o 3 plug-in type coils; (1) ant transf w/low and high impedance pri; low impedance pri, 14 turns #36 DS wire CT; secd, 76 turns #30 DC wire w/50 mmf silver mica capacitor; CFW #13066; (2) RF plate coil, 76 turns #30 DC wire w/50 mmf silver mica capacitor; CFW #13064; (3) grid coil, same as (2); CFW #13065; 3 shields ea 3 1/2" lg x 1 7/16" sq; for band #1A (2.8 to 4.0 mc); permeability tuned; same as Navy Type 47363 except for different value of capacitors.                     |                     |        | 16-C-78532-9771        | N16-RT-80309-50 |                |                       | CFW  |                            | CCI<br>CCI<br>CCI | 82-2F-208 rev A<br>82-2F-301 rev A<br>82F-CW-301X | RDE   |
| -47365                | COIL SET: 9/17/43<br>phenolic forms w/aluminum or zinc shields; c/o 3 plug-in type coils; (1) ant transf w/low and high impedance pri, 8 turns #30 DC wire CT, sec, 38 turns #22 DC wire w/125 mmf silver mica capacitor, CFW #13069; (2) grid coil, 30 turns #22 DC wire w/125 mmf silver mica capacitor, CFW #13068; (3) plate coil, 37 turns #22 DC wire w/125 mmf silver mica capacitor, CFW #13067; 3 shields ea 3 1/2" lg x 1 7/16" sq; for band #2 (4.0 mc to 5.5 mc); permeability tuned, same as Navy Type 47366 except for different value of capacitor. |                     |        | 16-C-78532-9801        | N16-RT-90309-51 |                |                       | CFW  |                            | CCI<br>CCI<br>CCI | 82-2F-208 rev A<br>82-2F-301 rev A<br>82F-CW-301X | RDE   |
|                       |  |                     |        |                        |                 |                |                       |      |                            |                   |   |   |
|                       |  |                     |        |                        |                 |                |                       |      |                            |                   |   |   |

SHEET 47-76

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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

**RESTRICTED**

SHEET 47-77

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR       | CONTRACTOR'S DWG OR PART NO            | EQUIPMENT USED IN                |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|-----------------------|-----|----------------------------|------------------|--|----------------------------------|
| -47366                | COIL SET: 9/17/43<br>for 5.5 to 8 mc oper range of Navy Type 46219 Radio Receiver; phenolic forms w/aluminum or zinc shields; c/o 3 plug-in type coils, (1) ant transf w/low and high impedance pri, low impedance pri, 8 turns #30 DCC wire CT, secd, 38 turns #22 DCC wire w/50 mmf silver mica capacitor, CFW #13069, (2) grid coil, 38 turns #22 DCC wire w/50 mmf silver mica capacitor, CFW #13068, (3) plate coil, 37 turns #22 DCC wire w/50 mmf silver mica capacitor, CFW #13067; ea case 3 1/2" h x 1 7/16" lg x 1 7/16" wd, o/a excluding term; ea coil has plug-in type term; same as Navy Type 47365 except uses a 50 mmf capacitor. |                     |        | 16-C-78532-9831        | N16-RT-80309-52 |                |                       | CFW |                            | CCI              | 82F-CW-301X<br>82-ZF-208<br>82-2F-301  | RDE                              |
| -47367                | COUPLING UNIT, ANTENNA: 9/20/43<br>for coupling loop ant to a rec; p/o Navy Type 66096 Loop Antenna Assembly; freq 15 kc, 43.5 kc, 77.5 kc in 3 bands selected by rotary sw; wt 9 lb; 7 17/32" h x 8 7/8" wd x 8 19/32" lg, o/a; 3 mtg holes for 1/4" diam screws.   |                     |        | 16-C-91703-3718        | N16-P-7313      |                |                       | CRV | MI-8542                    | CRV              | M-427706 sub 1                         | RAK series                       |
| -47368                | Antenna Coupling Unit: 9/28/43<br>for matching a 50 ohm coax line to a 20 to 30 ohm vert ant; freq range 1.7 to 2 mc, peak power 125 kw; wt 169 lbs; 111 7/8" h x 31 1/2" lg x 19" wd o/a excluding term; has Navy nameplate.  |                     |        | 16-C-91718-8065        | N16-T-18544     |                |                       | CG  | 4MY69A1                    | CRP<br>CBM<br>CG | 82-5016-1<br>746-427<br>P-7766572 rev0 | I-TDP-1<br>TDP-1<br>SO-3<br>SU-1 |
| -47369                | ANTENNA TUNING UNIT: 10/6/43<br>for tuning ant; 1700 to 2000 mc; 75 1/2" h x 26 7/8" lg x 18 1/2" wd, o/a; mtd by 4 angle iron legs; incl dummy load and ant matching coils and RF ammeter.  |                     |        | 16-T-98043-8200        | N16-T-18545     |                |                       | CYJ | T-176                      | CRP<br>CPH       | 82-5017-1<br>SS-5M                     | TTP<br>SO-3                      |
| -47370                | Antenna Loading Coil: 10/12/43<br>ant coupling device; two tapped wnd; shielded in rectangular metal can; rated 480 to 3800 microhenrys, Q is approx 170 at 300 kc; wire size, Litz 48 x 38, number of turns in ea sect of stator 46, 48, 42, 24 and 44, rotor 23 turns in ea of two sect; 18 5/8" lg x 10 7/32" h x 10.273" wd o/a excluding term and cable connectors; air core; stator form 5" diam, rotor form 3 1/2" diam; tuned by varying rotor coil; six mtg holes 0.218" diam on 4 1/8" x 8 1/4" x 18.004" mtg/c; screw type term on front; incl capacitor and RF ammeter, has Navy nameplate.  |                     |        | 17-T-84089-6473        |                 |                |                       | COL | 180H-3                     | COL              | K-11070                                | TCZ                              |
|                       |  |                     |        |                        |                 |                |                       |     |                            |                  |  |                                  |
|                       |  |                     |        |                        |                 |                |                       |     |                            |                  |  |                                  |

SHEET 47-77

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL



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SHEET 47-78

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR      | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN       |
|-----------------------|---|---------------------|--------|------------------------|-----------------|----------------|-----------------------|----------|----------------------------|------------|-----------------------------|-------------------------|
| -47371                | COIL, RF: 10/15/43<br>RF choke; single wnd, single layer wnd; unshielded; rated 7 millihenrys, 5 ma, 0.5v at 3 mc, coil c/o 48 turns #32 E wire, 0.6 ohms DC resistance; 3/4" lg x 1/4" OD o/a excluding term; form is phenol linen rod; mte by two #20 tinned copper wire term.  |                     |        | 16-C-74986-9147        | N16-RC-17651    |                |                       | CW       | BA-303520                  | CW         | BA-303520 1se1              | MK-12<br>MK-12 Mod1     |
| -47372                | CONIGOMETER: 10/19/43<br>aluminum case, die cast; freq range 250 to 1500 kc; driven by 110v, 60 cyc, 3.2 amp, single ph, 1/8 hp, 1140 rpm motor; 8 3/32" lg x 5 3/4" wd x 5 11/16" h, o/a; bkt mtg in back of automatic brg indicator by 2 knurled thumb screws on 4 7/8" mtg/c; 3 male receptacles on 1 side AN Connector AN-3102-1B-5P; same electrically as Navy Type 47334 but has different physical dimen.      |                     |        | 16-C-76586-8201        | N16-C-4370      |                | 224886                | CFT      | RF-1699-2 1seA             | CFT        | RF-1485-14 1seA             | DAH-2<br>DAK-2<br>DAK-3 |
| -47373                | REACTOR: 10/21/43<br>power supply filter; single sect; rated 8.0 hy at 120 cyc, 0.070 amp max DC cur; 312 ohms DC resistance; 300v DC test voltage to gnd; c/o 3200 1/2 turns #34 E wire, sealed in metal can; approx dimen 2 1/2" h x 1 3/4" OD o/a; four holes in fl base for mtg; two solder term.   |                     |        | 16-R-29185-8537        |                 |                |                       | CRP      | U7886A                     | CJ<br>CRP  | QFC114-Q17<br>DL74-999 sub0 | QFC                     |
| -47374                | COIL, TUBE DEFLECTION: 11/2/43<br>RF deflection coil; term 1-2 has 1584 turns #35 E wire w/150 ohms DC resistance and 0.115 millihenry, term 3-4 and 5-6 ea have 792 turns #36 E wire w/90 ohms DC resistance and 57 millihenries, term 7-8 has 1584 turns #36 wire w/210 ohms DC resistance and 110 millihenries; approx 2 9/64" h x 3" OD, o/a excluding term, 1 9/16" ID; mte on tube; "D-163783" stamped on side. |                     |        | 16-C-78179-9201        | N16-RC-19301    |                |                       | CW       | D-163783                   | CW         | ESA-656611 1se 2            | MK-22                   |
| -47375                | TRANSFORMER, FOCUS COIL: 11/2/43<br>tube focus and centering coil; coil potted in metal case; 3 wnd, wnd (1-2), 20 hy, 19100 turns #37 E wire, 6000 ohms DC resistance, 30 ma DC, wnd (3-4) and (5-6) ea 0.1 hy, 2500 turns #38 E wire, 135 ohms DC resistance, 40 ma DC; 1 27/32" h x 3" OD x 1 9/16" ID approx; mte on base of CR tube.   |                     |        | 16-C-78223-4751        | N16-C-14090-200 |                |                       | CW<br>CW | D166210<br>ESA-656608      |            |                             | MR-22                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-78

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SHEET 47-79

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR     | CONTRACTOR'S DWG OR PART NO                 | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|----------------|---|-------------------|
| -47376                | TRANSFORMER, RF: 11/20/43<br>RF transf; 2 wnd, universal wnd, secd tapped; shielded in metal can; pri c/o 1440 turns #36 E wire, secd c/o 3090 turns #39 E wire, 1000 ohms DC resistance tapped at 1030 turns, coil connected in series w/pri c/o 1500 turns #36 E wire; 3 13/32" lg x 3 11/32" wd x 2 9/16" h, o/a; fibre form, air core; four 1/4-20 thd x 11/16" lg studs on 2 1/4" x 1 3/4" mtg/c; 6 solder lug term on bottom of can; can marked "INPUT<br>TRANS - D163113"; 800 ohm resistor and coil in series w/pri.  |                     |        | 17-T-81375-1999        |                |                |                       | CW  | D-163113                   | CW             | ESA-657750 1ss1                             | QBF               |
| -47377                | TRANSFORMER, RF: 11/20/43<br>RF transf; six wnd, pri has 4 wnd in series, secd has two wnd in series; shielded in metal can; freq range is .21 mc to 27 mc, impedance ratio is 80 ohms input to 100,000 ohms output, wnd 4 to 5 c/o 600 turns #34 E wire, wnd 5 to 6 c/o 600 turns #34 E wire, wnd 1-A c/o 4 turns #34 E wire, wnd B-3 c/o 4 turns #34 E wire, wnd 2-C c/o 20 turns #34 E wire, wnd D-2 c/o 20 turns #34 E wire; 2 19/32" h x 2 17/32" lg x 1 11/16" wd o/a excluding term end mtg studs; molybdenum permalloy core; two #8-32 thd x 11/16" lg studs 1 3/4" c to c; six solder post term on bottom of can; fixed capacitor across secd rated 275 mmf. |                     |        | 17-T-82062-2831        | N16-T-5991     |                |                       | CW  | D-163116                   | CW<br>CW       | ESI-638981-4<br>ESA-659254 1ss2             | QBF               |
| -47378                | COIL, RF: 11/20/43<br>RF auto-transf; single wnd, solenoidal wnd, tapped; shielded in metal case; rated 1120 microhenrys, 0.43 ohms DC resistance at 25 kc, coil c/o 223 turns #34 E wire tapped at 16 1/2, 31 1/2, 44 1/2, 54 1/2, 168 turns from finish end; approx 5 5/16" lg x 4 5/8" wd x 3 1/2" h o/a; air wnd, air core; four 1/4"-20 thd x 21/32" lg studs on 3 7/16" x 2 1/2" mtg/c; seven solder post term on bottom.   |                     |        | 16-C-74428-2967        | N16-C-13062    |                |                       | CML |                            | CW<br>CW<br>CW | ESI-638981-11<br>ESA-659256 1ss2<br>MS-8838 | QBF               |
| -47379                | COIL, RF: 12/9/43<br>osc; one wnd, universal wnd; shielded in rectangular metal can; rated 35.82 millihenrys max at 60 kc; 1 3/8" h x 1 3/8" wd x 3 1/4" lg; adj iron core; secd adj through top of can; two brass spade bolts on bottom of can for mtg; four solder lug term on top.   |                     |        | 16-C-76785-3809        |                |                |                       | CFW | 12757                      | CFW            | 12757 revA                                  | QFG               |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-79

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SHEET 47-80

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO  | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|------------------------------|-------------------|
| -47380                | TRANSFORMER SET, RF: 1/16/44<br>shielded in cylindrical metal can; set incl three plug-in type transf, (1) ant transf, (2) first RF transf and (3) second RF transf; ea transf 1 1/4" OD x 2 3/8" lg o/a excluding tuning adj and plug-in base; ea transf has base to fit octal type socket, ea secd rated 1160 to 2500 microhenrys, 13.6 ohms DC resistance, ea pri rated 2.7 ohms DC resistance, ea transf has tunable iron slug; p/o NT-46242 Radio Receiver for freq range of 196 to 255 kc. |                     |        | 17-T-87395-1001        | N16-T-7502     |                |                       | CCI<br>CCI | A-306<br>A-307             | CCI<br>CCI | 630-039 revA<br>630-040 revA | RDF               |
| -47381                | TRANSFORMER SET, RF: 1/15/44<br>shielded in cylindrical metal can; set incl three plug-in type transf, (1) ant transf, (2) first RF transf, (3) second RF transf; ea transf 1 1/4" OD x 2 3/8" lg o/a excluding tuning adj and plug-in base; ea transf has base to fit octal type socket, ea secd rated 1160 to 2500 microhenrys, 13.6 ohms DC resistance, ea pri rated 2.7 ohms DC resistance, ea transf has tunable iron slug; p/o NT-46242 Radio Receiver for freq range of 240 to 340 kc.    |                     |        | 17-T-87395-1051        |                |                |                       | CCI<br>CCI | A-309<br>A-308             | CCI<br>CCI | 630-041 revA<br>630-042 revA | RDF               |
| -47382                | TRANSFORMER SET, RF: 1/15/44<br>shielded in cylindrical metal can; set incl three plug-in type transf, (1) ant transf, (2) first RF transf, (3) second RF transf; ea transf 1 1/4" OD x 2 3/8" lg o/a excluding tuning adj and plug-in base; ea transf has base to fit octal type socket, ea secd rated 1160 to 2500 microhenrys, 13.6 ohms DC resistance, ea pri rated 2.7 ohms DC resistance, ea transf has tunable iron slug; p/o NT-46242 Radio Receiver for freq range of 323 to 439 kc.    |                     |        | 17-T-87395-1101        |                |                |                       | CCI<br>CCI | A-310<br>A-311             | CCI<br>CCI | 630-043 revA<br>630-044 revA | RDF               |
|                       |  |                     |        |                        |                |                |                       |            |                            |            |                              |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-80

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SHEET 47-81

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO     | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|---------------------------------|-------------------|
| -47383                | TRANSFORMER SET, RF: 5/1/44<br>shielded in cylindrical metal can; set incl three plug-in type transf, (1) ant transf, (2) first RF transf, (3) second RF transf; ea transf 1 1/4" OD x 2 3/8" lg o/a excluding tuning adj and plug-in base; ea transf has base to fit octal type socket, ant secd rated 759 to 1490 microhenrys, 12.3 ohms DC resistance, ant pri rated 1.2 ohms DC resistance, ea RF secd coil rated 690 to 1490 microhenrys, 12.3 ohms DC resistance, ea RF pri coil rated 9.9 ohms DC resistance, ea transf has tunable iron slug; p/o NT-46242 Radio Receiver for freq range of 421 to 561 kc. |                     |        | 17-T-87395-1151        | N16-T-7002-36  |                |                       | CCI<br>CCI | A-312<br>A-313             | CCI<br>CCI | 630-045 revA<br>630-046 revA CC | RDF               |
| -47384                | COIL, RF: 5/10/44<br>RF choke; single wnd, duolateral wnd; shielded in round aluminum can; rated 150 millihenrys, 520 ohms DC resistance, 100 ma, coil wnd w/ #39 E copper wire; 1" lg x 1 5/8" OD o/a excluding mtg screws; powdered iron core; two #6-32 thd x 5/16" spade screws 1 1/2" c to c; two solder lug term on bottom of can; wax impr.   |                     |        | 16-C-75620-9012        |                |                |                       | CM         | 861                        | CKY        | A-63223 rev0                    | MAE-1             |
| -47385                | COIL, RF: 7/7/44<br>RF choke; single wnd, single layer wnd; unshielded; rated 2 microhenrys p/m 10% at 1000 cyc, zero amp DC, coil c/o 47 turns #26 ES wire; 1 1/4" lg x 1 1/4" OD o/a excluding term; phenol fibre form; mts by two #20 tinned copper wire turn one at ea end of coil; wax impr.  |                     |        | 16-C-73857-1540        | N16-C-13179    |                |                       | CZC        | 8104                       | CZC        | 8104 1ee2                       | RCK<br>RDO(2)     |
| -47386                | COIL, RF: 7/7/44<br>RF choke; single wnd, two sect, first sect three pie universal wnd, second sect single layer close wnd; unshielded; first sect 620 microhenrys at 1000 cps, zero amp DC, ea pie c/o 49 turns #22 ES wire, second sect 17 microhenrys at 1000 cps, zero amp DC, 40 turns #22 ES wire; approx 4 5/16" lg x 1 1/8" OD o/a excluding term end mtg stud; phenolic form, iron core; adj iron core; secdr adj at top of form; has #10-32 thd x 5/16" lg mtg stud on one end of form; three solder lug term on form; varnish impr.   |                     |        | 16-C-76702-4011        | N16-C-13179-1  |                |                       | CZC        | 8103                       | CZC        | 8103 1ee2                       | RCK<br>RDO        |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-81

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SHEET 47-82

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO                 | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO | EQUIPMENT USED IN              |
|-----------------------|--|---------------------|--------|------------------------|--------------------------------|----------------|-----------------------|------|----------------------------|------------|----------------------------|--------------------------------|
| -47387                | COIL, RF: 7/10/44<br>RF coil; single wnd, single layer wnd; unshielded; rated 95 microhenrys at 1000 cyc, c/o 60 turns #20 E wire tapped at 3 1/16, 5 15/16, 9 1/16, 11 15/16, 15 1/16, 16 15/16, 19 1/16, 28, 43 turns from start of wnd, 0.35 ohms DC resistance; 5 1/8" lg x 2" OD o/a excluding term; two holes for mtg screws 4 1/2" c to c; eleven solder lug term on coil.                                      |                     |        | 16-C-73717-8853        |                                |                |                       | CGQ  | C-OL-1037B                 | CGQ        | C-OL-1037B rev0            | TRX-8                          |
| -47388                | DUAL REACTOR: 7/13/44<br>dual reactor; dual; 10 hy at 0.15 amp per sect; 150 ohms p/m 10% DC resistance; 10v RMS test across reactor w/150 ma DC cur through reactor, 2500v, AD test to gnd; 2825 turns of #30 wire; B case; 6 5/16" h x 4 9/16" lg x 4 7/64" wd, o/a; four #10-32 thd x 19/32" lg studs on 3" x 3 3/8" mtg/c; 3 solder lug term; freq 120 cyc.  |                     |        | 16-R-29813-8587        | N16-C-13130                    |                | 3C315-11              | UTR  | 81 0-A                     | CFT        | F-39306-1 1sb M            | DAK-2<br>DAH-2<br>DAU<br>DAU-1 |
| -47388-A              | REACTOR: 7/13/44<br>filter choke; one sect, tapped; ea sect 10 hy at 0.150 amp DC, 120 cyc; 150 ohms p/m 10% DC resistance; 350v DC test; c/o 2825 turns #30 wire; 5 3/8" h x 4 9/16" wd x 4 7/16" lg o/a excluding term and mtg studs; four #10-32 thd x 19/32" lg mtg studs on 3" x 3 3/8" mtg/c; three solder term 15/16" h w/ 3/4" diam bushings; same as NT-47388 except for term being higher and have bushings. |                     |        | 16-R-29688-7155        |                                |                |                       | CFT  | 366PR                      | CFT        | RF-2624-1 1sb B            | DAK-2<br>DAH-2                 |
| -4738                 | COIL, RF: 7/15/44<br>RF choke coil; 3 pie wnd, duolateral wnd; unshielded; rated 500 microhenries p/m 8# at 500 cps to 5000 cps, DC resistance at 70°F, 2.6 ohms, approx 242 turns #27 double nylon wire; 2" lg x 1" diam o/a excluding term and mtg base; ceramic form, air core; mts by three 0.152" diam holes on 9/16" mtg rod; one screw term top of base, one screw term at top of form; varnish impr.           |                     |        | 16-C-74170-2356        | N16-RC-17449<br>N16-C-13175-26 |                | 3CK303-21             | CW   | KS-8915                    | CW         | KS-8915 fac 1<br>app 1     | MC-22                          |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-82

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SHEET 47-83

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN    |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|----------------------|
| -47390                | COIL, RF: 7/17/44<br>RF choke coil; single wnd, duolateral wnd; unshielded; rated 2.17 max, 2.08 min millihenrys at 1.8 kc, max DC resistance at 70°F, 21 ohms, 375 turns #34ES wire, 0.200 amp; 1 5/32" lg x 1" OD o/a excluding term; air core, phenol plastic form; mts by hole through center of form w/#6-32 thd screw; two solder lug term on top of form.   |                     |        | 16-C-74586-7541        | N16-C-13504-4   |                | 3C303-69              | CAYM<br>CW | 406-0000<br>D-165771       | CW         | BA-101650 1ss1              | NK-31<br>AH/TFS-1B   |
| -47391                | COIL ASSEMBLY, RF: 7/20/44<br>osc coils; c/o four individual coils w/adj iron cores, CFE type 35.455 coils; rectangular aluminum can with lacquer finish; freq range ea coil 2.65 to 3.4 mc, ea coil c/o 24 turns #34 E wire, cap 216 mmf, min Q is 60 at 2.65 mc, min Q is 50 at 3.4 mc; approx 2" sq x 3" h o/a excluding term and mtg studs; two #6-32 thd spade bolts diagonally mtd on 1 1/4" x 1 7/8" mtg/c.   |                     |        | 16-C-77898-4701        | N16-T-6390-10   |                |                       | CAQK       | 300.279                    | CFE        | 300.279 alt 0               | DAS-3(4)<br>DAS-4(4) |
| -47392                | TRANSFORMER, RF: 7/20/44<br>osc transf; 4 wnd, 2 sect ea wnd, layer wnd; rectangular aluminum shield can; c/o 4 tranef CFE type #35.456, ea transf has 129 turns #34 plain E wire for secd, 5 1/2 turns #34 plain E wire for pri, min freq 1.61 mc, min Q 40, max freq 2.40 mc, max Q 50; 1 31/32" d x 1 31/32" wd x 3" lg, o/a excluding form and mtg studs; phenolic form, 2 coils form pri, 2 form secd, 258 turns; adj iron core; eodr adj through top of can; mtg by 2 spade bolts #6-32 thd; 10 lug term on top of can; form and wnd varnish impr, Q 40 to 50. |                     |        | 17-T-81746-9701        | N16-T-6390-5    |                |                       | CAQK       | 300.280                    | CFE        | 300.280 alt 0               | DAS-3 (8)            |
| -47393                | COIL ASSEMBLY, RF: 7/20/44<br>RF coils; c/o four individual coils w/adj iron cores, CFE type 35.454 coils; rectangular aluminum can with lacquer finish; freq range ea coil 1.66 to 2.45 mc, cap 48 mmf, min Q is 40 at 1.66 mc, min Q is 60 at 2.45 mc, ea coil c/o 102 turns #34 E wire; approx 2" sq x 3" h o/a excluding term and mtg studs; two #6-32 thd spade bolts diagonally mtd on 1 1/4" x 1 7/8" mtg/c.  |                     |        | 16-C-78534-5338        | N16-RT-81126-50 |                |                       | CAQK       | 300.281                    | CFE        | 300.281 alt 0               | DAS-3(4)<br>DAS-4(4) |
|                       |  |                     |        |                        |                 |                |                       |            |                            |            |                             |                      |
|                       |  |                     |        |                        |                 |                |                       |            |                            |            |                             |                      |
|                       |  |                     |        |                        |                 |                |                       |            |                            |            |                             |                      |
|                       |  |                     |        |                        |                 |                |                       |            |                            |            |                             |                      |
|                       |  |                     |        |                        |                 |                |                       |            |                            |            |                             |                      |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-83

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SHEET 47-84

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORP STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR   | CONTRACTOR'S DWG OR PART NO   | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|----------------------|------|----------------------------|--------------|-------------------------------|-------------------|
| -47394                | COIL, RF: 7/22/44<br>RF choke; single wnd, duolateral wnd; unshielded; 250 microhenrys at 1,000 cyc, zero amp DC, 4.5 ohms DC resistance, Q is 60 at 1,000 kc, coil c/o 156 turns #10-44 Litz wire; 7/8" lg x 5/8" OD o/s; bakelite form, air core; mts by one #6-32 tapped x 1/4" d hole in one end of form; two #14 tinned copper wire term from coil; varnish impr. |                     |        | 16-C-74002-5452        |                |                | 3C323-10G            | CAOS | 38522                      | CAOS<br>CAOS | A-38522D rev4<br>A38522E rev0 | CAOS-50AEX        |
| -47395                | COIL, RF: 7/22/44<br>RF choke; single wnd, duolateral wnd; unshielded; 200 microhenrys at 1000 cyc, zero amp DC, 3.5 ohms DC resistance, Q is 60 at 1,000 kc, coil c/o 143 turns #10-44 Litz wire; 7/8" lg x 5/8" OD o/s; bakelite form, air core; mts by one #6-32 tapped x 1/4" d hole in one of form; two #14 tinned copper wire term from coil; varnish impr.      |                     |        | 16-C-73963-8573        |                |                | 3C323-10K            | CAOS | 38520                      | CAOS<br>CAOS | A-38520D rev4<br>A38520E rev0 | CAOS-50AEX        |
| -47396                | COIL, RF: 7/22/44<br>RF choke; single wnd, duolateral wnd; unshielded; 75 microhenrys at 1,000 cyc, zero amp DC, 2 ohms DC resistance, Q is 60 at 1,000 kc, coil c/o 91 turns #10-44 Litz wire; 7/8" lg x 5/8" OD o/s; bakelite form, air core; mts by one #6-32 tapped x 1/4" d hole in one end of form; two #14 tinned copper wire term from coil; varnish impr.     |                     |        | 16-C-73655-6165        |                |                | 3C323-10J            | CAOS | 38518                      | CAOS<br>CAOS | A-38518D rev4<br>A38518E rev0 | CAOS-50AEX        |
| -47397                | COIL, RF: 7/22/44<br>RF choke; single wnd, duolateral wnd; unshielded; 160 microhenrys at 1,000 cyc, zero amp DC, 3 ohms DC resistance, Q is 60 at 1,000 kc, coil c/o 141 turns #10-44 Litz wire; 7/8" lg x 5/8" OD o/s; bakelite form, air core; mts by one #6-32 tapped x 1/4" d hole in one end of form; two #14 tinned copper wire term from coil; varnish impr.   |                     |        | 16-C-73896-3406        |                |                | 3C323-10P            | CAOS | 38519                      | CAOS<br>CAOS | A-38519D rev4<br>A38519E rev0 | CAOS-50AEX        |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-84

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SHEET 47-85

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR                              | CONTRACTOR'S DWG OR PART NO  | EQUIPMENT USED IN  |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|---|--|--|
| -47398                | COIL, RF:<br>RF choke; single wnd, duolateral wnd; unshielded; 500 microhenrys at 1,000 cye, zero amp DC, 6 ohms DC resistance, Q is 60 at 1,000 cps, coil c/o 229 turns #10-44 Litz wire; 7/8" lg x 1 1/16" OD o/a; bakelite form, air core; mts by one #6-32 tapped x 1/4" d hole in one end of form; two #14 tinned copper term from coil; varnish impr.   | 7/22/44             |        | 16-C-74144-6756        |                |                | 3C323-10H             | CAOS       | 38521                      | CAOS<br>CAOS                            | A-38521H rev4<br>A38521H rev0  | CAOS-50AEX   |
| -47399                | TRANSFORMER, IF:<br>peak freq 32 mc, range 30 to 34 mc; unshielded; 2 1/4" h x 1" lg x 15/16" wd o/a; bakelite form, powdered iron core; tuned pri only; slug tuning w/scr adj at top of form; mts by two 5/16" lg x #4-36 thd studs 23/32" c to c; four solder lug term on coil form; varnish impr, fungus proof.  | 7/22/44             |        | 17-T-68282-6398        |                |                | 2Z9643.205            | CAOS       | 42512                      | CAOS<br>CAOS                            | B42512H rev0<br>A42512E rev0   | CAOS-50AEX   |
| -47400                | COIL, RF:<br>RF choke; single wnd, six pie universal wnd; unshielded; rated 2.5 millihenrys, 0.5 amps, 8 ohms DC resistance, coil c/o six pies ea w/ 93 turns #28 DSE wire, freq range 1500 kc to 5300 kc, 6400 kc to 8000 kc, 9000 kc to 15000 kc; 2 1/2" lg x 1 3/16" OD o/a excluding term and mtg bkt; isolantite core; has two mtg bkts w/ 5/32" diam holes 3" c to c; two radial solder lug term, one on ea end of form.  | 7/25/44             |        | 16-C-74729-7141        | N16-C-13225    |                | 3C308-3               | CFC<br>CFW | CH-500<br>10998 Modified   | CAY<br>COL<br>CFC<br>CANB<br>CRR<br>CAY | P-7706801-2 sub8<br>240 2500 00 rev0<br>12212<br>A-65506 revB<br>A-508406 revB<br>M-7407506-1 sub8 | AN/APA-17<br>TBL-2<br>TBL-3<br>TBL-5 thru<br>TBL-7<br>TBL-10 thru<br>TBL-13<br>TCR (3) |
| -47401                | TRANSFORMER, IF:<br>peak freq 1515 kc; first IF stage; shielded in rectangular metal can; 4" h x 1 7/8" lg x 1 7/16" wd o/a excluding leads and mtg stud; ceramic form, air core; tuned pri and sec; variable capacitor tuning w/two scr adj through top of can; two #6-32 thd x 3/8" h mtg studs 1 11/32" c to c on bottom of can; one wire lead extending through side of can and three wire leads through bottom of can; incl two NT-48770 Fixed Mica Capacitors, one NT-63360-252 and one NT-63360-103 Fixed Resistors; cerowax impr; same as NT-47114 except grid lead emerges from side rather than top of can. | 7/25/44             |        | 17-T-67751-2356        | N16-T-6149-227 |                | 2Z9642.82             | CFW        | TR-1017                    | CGQ                                     | D-TR-1017 altE   | TBX-8  |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-85

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SHEET 47-86

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFOR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -47402                | TRANSFORMER, IF: 7/25/44<br>peak freq 1515 kc; second IF stage; shielded in rectangular metal can; 4" h x 1 7/8" lg x 1 7/16" wd o/a excluding leads and mtg studs; ceramic form, air core; single tuned; variable capacitor tuning w/acdr adj through top of can; two #6-32 thd x 3/8" lg mtg studs 1 11/32" c to o on bottom of can; one wire lead extending through side of can and three wire leads through bottom of can; incl one NT-48770 and one NT-48772 Fixed Mica Capacitors, one NT-63360-102 and one NT-63360-205 Fixed Resistors, cerowax impr; same as NT-47115 except grid lead emerges from side rather than top of can. |                     |        | 17-T-67751-2366        | HL6-T-18558    |                | 229642.83             | CFW  | TR-1016                    | OCQ        | D-TR-1016 altH              | TRX-8             |
| -47403                | COIL, RF: 7/27/44<br>RF choke; single wnd, duolateral wnd; unshielded; rated 16 millihenrys, 125 ma, 86 ohms DC resistance, c/o 1055 turns of #36 SSE wire; 17/32" h x 1 1/8" OD o/a excluding term; bakelite form, air core; has 3/16" diam mtg hole through ctr of form; two solder lug term on top; vacuum varnish impr, fungusproof.  |                     |        | 16-C-75240-3959        |                |                |                       | CME  | 690 Modified               | CANB       | A-65507 revD                | AN/APA-17         |
| -47404                | COIL, RF: 7/27/44<br>RF choke; single wnd, duolateral wnd; unshielded; rated 4.5 millihenrys, 125 ma, 38 ohms DC resistance, c/o 530 turns of #36 ES wire; 3/8" h x 1 1/8" OD o/a excluding term; bakelite form, air core; has 3/16" diam mtg hole through ctr of form; two solder lug term on top; vacuum varnish impr, fungusproof.   |                     |        | 16-C-74853-2630        |                |                |                       | CME  | 690 Modified               | CANB       | A-65508 revE                | AN/APA-17         |
| -47405                | TRANSFORMER, RF: 8/17/44<br>osc; two wnd, single layer wnd; rectangular aluminum shield can; first wnd c/o 84 turns #33 E wire closely spaced, second wnd c/o 30 turns #33 E wire closely spaced; 3" lg x 1 3/8" wd x 1 3/8" h o/a; phenolic form, metal core; adj metal core w/acdr adj at top of can; three bus wire lead term at bottom; tropicalizing wax impr, contains a 47,000 ohms fixed resistor and a 100 muf fixed capacitor; no freq drift.   |                     |        | 16-C-76648-7891        |                |                |                       | CANB | 3262                       | CME        | B-169-1 revD                | CME-60069         |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-86

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SHEET 47-87

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN               |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|---------------------------------|
| -47406                | COIL, RF: 8/17/44<br>RF coil; single wnd, single layer wnd; rectangular aluminum shield can; 130 turns of #36 E wire; 3" lg x 1 3/8" wd x 1 3/8" h o/a; phenolic form, metal core; adj metal core w/sodr adj at top of can; two bus wire lead term at bottom; tropicalizing wax impr, contains a 10000 ohms fixed resistor and a 25 muf fixed capacitor; no freq drift.   |                     |        | 16-C-76651-8337        |                |                |                       | CAQB | 3263                       | CME        | B-169-2                     | CMB-60069                       |
| -47407                | COIL, RF: 8/23/44<br>RF choke; single wnd, single layer wnd; unshielded; rated 30 microhenrys at 10 to 20 meters, 1 amp, 2 ohms DC resistance; 3" lg x 9/16" OD o/a; steatite core; mtd by wire leads from lugs; two solder lug term, one at ea end of form; moistureproof.   |                     |        | 16-C-73390-7860        | N16-C-13163-4  |                | 30K336-42             | COM  | Z-2                        | CPT        |                             | AN/ART-2<br>TDN-2 thru<br>TDN-4 |
| -47408                | GONIOMETER ASSEMBLY: 8/24/44<br>c/o capacitive goniometer, sense-directional sealed watertight assem switching relay, 2200 rpm DC motor, 2 ph alternator; gray wrinkle E die cast aluminum housing; freq range 100 mc to 160 mc driven by 24v, DC, 1/200 hp, 1 amp, 2200 rpm DC motor; 18 1/2" lg x 4 1/2" wd x 7 1/8" h, o/a; 2 knurled top thumb screws on perpendicular axes, mtd to ant mast; Navy name-plate.  |                     |        | 16-G-77956-1001        |                |                |                       |      |                            | CPT        | RF-3619-14A 100A            | DBF                             |
| -47409                | COIL, RF: 8/28/44<br>RF choke; single wnd, duolateral wnd; shielded in rectangular metal can; rated 2.1 to 2.9 millihenrys; 2 1/2" h x 1 7/16" wd x 1 7/16" lg o/a excluding term and mtg studs; metal core; adj metal slug w/sodr adj at top of can; two mtg bolts 1 7/16" c to c; two wire lead term extending from bottom of can; incl a 0.0004 mfd mica capacitor.  |                     |        | 16-C-76741-1145        |                |                |                       | CAI  | K250                       | CDU        | DD-3236-A-1                 | LORAN C-1                       |
| -47410                | COUPLING UNIT, antenna: 8/29/44<br>used to couple 50 ohm transmission lines and 40 to 50 sect whip type shipboard ant for 500w xmtr; incl oper motor assem and transmitting seleyn devices for 115v AC, 60 cyc, 1 ph operation encl in submergence proof case; shock and vibration mtd, suitable for bottom mtg on a deck rear mtg, or mtg to overhead; remotely controlled, from oper position by NT-23455 Control Console located not over 250 feet away. | REL3A934D           |        | 16-C-91719-1026        |                |                |                       | OGP  |                            |            |                             | NXer-62297                      |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-87

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SHEET 47-88

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -47411                | COIL SET: 8/29/44<br>rec coil set; p/o NT-46ADU Receiver; freq range 1.7 to 3.5 mc; 2 7/16" h x 10 3/8" wd x 5 1/4" d o/a; plug-in coil type mtg; has Navy nameplate; similar to NT-47166 except for modification of design and layout of components.   | RE13A865A           |        | 16-T-98180-6041        |                |                |                       | CNA  | SA1858                     | CNA        | F-951                       | RDG               |
| -47412                | COIL SET: 8/29/44<br>rec coil set; p/o NT-46ADU Receiver; freq range 3.5 to 7 mc; 2 7/16" h x 10 3/8" wd x 5 1/4" d o/a; plug-in coil type mtg; has Navy nameplate; similar to NT-47167 except for modification of design and layout of components.   | RE13A865A           |        | 16-T-98188-6451        |                |                |                       | CNA  | SA-1857                    | CNA        | F-951                       | RDG               |
| -47413                | COIL SET: 8/29/44<br>rec coil set; p/o NT-46ADU Receiver; freq range 7 to 14 mc; 2 7/16" h x 10 3/8" wd x 5 1/4" d o/a; plug-in coil type mtg; has Navy nameplate; similar to NT-47168 except for modification of design and layout of components.  | RE13A865A           |        |                        |                |                |                       | CNA  | SA-1856                    | CNA        | F-951                       | RDG               |
| -47414                | COIL SET: 8/29/44<br>rec coil set; p/o NT-46ADU Receiver; freq range 14 to 29 mc; 2 7/16" h x 10 3/8" wd x 5 1/4" d o/a; plug-in coil type mtg; has Navy nameplate; similar to NT-47169 except for modification of design and layout of components.   | RE13A865A           |        | 16-T-98200-4501        |                |                |                       | CNA  | SA-1855                    | CNA        | F-951                       | RDG               |
| -47415                | COIL, RF: 9/1/44<br>retardation coil; single wnd w/five taps; shielded in metal can; term #1 to 7 rated 784 microhenrys min to 816 microhenrys max at 25 kc, 0.412 ohms DC resistance, c/o 215 turns #34E wire tapped at 140, 160, 175, 190 and 200 turns for nominal inductances of 300, 400, 500, 600 and 700 microhenrys; approx 6" lg x 4 9/16" wd x 3 7/16" h, o/a excluding term and mtg studs; air core; three 1/4"-20 thd x 3/4" lg mtg studs irregularly spaced on 2 3/16" x 3 7/16" mtg/c on top of case; eleven solder stud term, term #1 thru 7 incl and A and B are on bottom of case, term C and D are on top of case, term A and B are connected to term C and D respectively but are not connected to the coil wnd, term #1 is connected to term A and any one of term #2 thru #7 may be connected to term B for variable inductance; varnish impr. |                     |        | 16-C-74267-7819        | NL6-C-13508-3  |                |                       | CNL  |                            | CW<br>CW   | ES0-661680 1es1<br>BB-9522  | QJB               |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-88

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SHEET 47-89

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO         | EQUIPMENT USED IN                      |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-------------------------------------|--|
| -47416                | TRANSFORMER, RF: 9/2/44<br>ant transf; two wnd, universal wnd; unshielded; pri rated 543 microhenrys, c/o 144 turns #38 ES wire, 18.5 ohms DC resistance, secd rated 30.5 microhenrys, c/o 37 turns of #30-44 Litz wire, 0.71 ohms DC resistance, freq range 2 to 3.6 mc; 1 5/8" lg; micarta form, air core; coil form 1 5/8" lg x 5/8" OD; three solder lug term on outside of coil; wax impr, fungusproof.  |                     |        | 17-T-81927-1502        | N16-T-7199-71  |                |                       | CAY<br>CCT |                            | CAY<br>CAY | 7608014-346<br>T-7607405-1<br>sub23 | RBS thru<br>RBS-3<br>RBM thru<br>RBM-5 |
| -47417                | TRANSFORMER, RF: 9/2/44<br>ant transf; two wnd, pri universal wnd, secd close wnd solenoid; unshielded; pri rated 174 microhenrys, c/o 78 1/2 turns #36 ES wire, 6.64 ohms DC resistance, secd rated 9.2 microhenrys, c/o 26 turns #19-44 Litz wire, 0.751 ohms DC resistance, freq range 3.6 to 6.5 mc; 1 5/8" lg; micarta form, air core; coil form 1 5/8" lg x 5/8" OD; three solder lug term on outside of form; wax impr, fungusproof.   |                     |        | 17-T-81918-6902        | N16-T-6405-100 |                |                       | CAY<br>CCT |                            | CAY<br>CAY | 7608014-345<br>T-7607405-2<br>sub23 | RBS thru<br>RBS-3<br>RBM thru<br>RBM-5 |
| -47418                | TRANSFORMER, RF: 9/2/44<br>ant transf; two wnd, pri universal wnd, secd space wnd solenoid; unshielded; pri rated 25.7 microhenrys, c/o 31 1/2 turns #36 ES wire, 2.43 ohms DC resistance, secd rated 2.9 microhenry, c/o 14 1/2 turns of #24 E wire, 0.067 ohms DC resistance, freq range 6.5 to 11.4 mc; 1 5/8" lg; micarta form, air core; coil form 1 5/8" lg x 5/8" OD; three solder lug term on outside of form; wax impr, fungusproof.   |                     |        | 17-T-81899-7802        | N16-T-6405-69  |                |                       | CAY<br>CCT |                            | CAY<br>CAY | 7608014-344<br>T-7607405-3<br>rev23 | RBS thru<br>RBS-3<br>RBM thru<br>RBM-5 |
| -47419                | TRANSFORMER, RF: 9/2/44<br>ant transf; two wnd, pri universal wnd, secd spaced solenoid wnd; unshielded; pri rated 25.3 microhenrys, c/o 28 1/2 turns of #36 ES wire 2.3 ohms DC resistance, secd rated 0.92 microhenry, c/o 8 turns #20 solid silver wire, 0.017 ohms DC resistance, freq range 11.4 to 20 mc; 1 5/8" lg x 11/16" OD, o/s; micarta form, air core; coil form 1 5/8" lg x 5/8" OD; mtd by wire leads from lugs; 3 solder lug term on outside of form; wax impr, fungus proof. |                     |        | 17-T-81893-7806        | N16-T-7199-68  |                |                       | CAY<br>CCT | T-7607405-4                | CAY<br>CAY | 7608014-343<br>T-7607405-4<br>rev23 | RBS thru<br>RBS-3<br>RBM thru<br>RBM-5 |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-89

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SHEET 47-90

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER | COM-TRACTOR       | CONTRACTOR'S DWG OR PART NO   | EQUIPMENT USED IN                      |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|-------------------|---|--|
| -47420                | TRANSFORMER, RF: 9/2/44<br>plate or grid transf; two wnd, pri close wnd solenoid, secd universal wnd; unshielded; pri rated 0.9 microhenrys, c/o 4 2/3 turns #32E wire, 0.149 ohms DC resistance, secd rated 31.8 microhenrys, c/o 38 turns of #7-41 Litz wire, 1.17 ohms DC resistance, freq range 2 to 3.6 mc; 1 5/8" lg x 1 1/16" OD, o/a; micarta form, air core; coil form, 5/8" lg x 5/8" OD; mts by 2 term leads; 4 solder lug term on outside of form; wax impr, fungus proof. |                     |        | 17-T-81893-7802        | N16-T-7199-72  |                |                       | CAY        |                            | CAY<br>CAY<br>CAY | 7608014-390<br>T-7607405-5 <sup>sub</sup> 23<br>T-7607405-9 <sup>rev</sup> 23 | RBS thru<br>RBS-3<br>RBM thru<br>RBM-5 |
| -47421                | TRANSFORMER, RF: 9/2/44<br>plate or grid transf; two wnd, pri close wnd solenoid, secd universal wnd; unshielded; pri rated 0.3 microhenrys, c/o 2 2/3 turns of #32E wire, 0.09 ohms DC resistance, secd rated 9.6 microhenries inductance, c/o 21 turns of #30-44 Litz wire, freq range 3.6 to 6.5 mc; 1 5/8" lg x 3/4" OD, o/a; micarta form, air core; coil form 1 5/8" lg x 5/8" OD; mts by 2 term leads; 4 solder lug term on outside of form; wax impr, fungus proof.            |                     |        | 17-T-81891-9607        | N16-T-7199-82  |                |                       | CAY        |                            | CAY<br>CAY<br>CAY | 7608014-349<br>T-7607405-6 <sup>sub</sup> 23<br>T-7607405-10<br>sub23         | RBS thru<br>RBS-3<br>RBM thru<br>RBM-5 |
| -47422                | TRANSFORMER, RF: 9/2/44<br>plate or grid transf; two wnd, solenoid wnd; unshielded; pri rated 0.2 microhenrys, c/o 1 2/3 turns of #28E wire, 0.019 ohms DC resistance, secd rated 2.9 microhenrys, c/o 14 turns of #24 E wire, 0.063 ohms DC resistance, freq range 6.5 to 11.4 mc; 1 5/8" lg; micarta form, air core; coil form 1 5/8" lg x 5/8" OD; four solder lug term on outside of form; wax impr, fungusproof.  |                     |        | 17-T-81891-6902        | N16-T-7199-79  |                |                       | CAY<br>CAY |                            | CAY<br>CAY<br>CAY | 7608014-348<br>T-7607405-7 <sup>sub</sup> 23<br>T-7607405-11<br>sub23         | RBS thru<br>RBS-3<br>RBM thru<br>RBM-5 |
| -47423                | TRANSFORMER, RF: 9/2/44<br>plate or grid transf; two wnd, solenoid wnd; unshielded; pri rated 0.1 microhenrys, c/o 2/3 turn of #28E wire, 0.01 ohms DC resistance, secd rated 0.95 microhenrys, c/o 8 turns of #20 soft solid silver wire, freq range 11.4 to 20 mc; 1 5/8" lg; micarta form, air core; 1 5/8" lg x 5/8" OD; four solder lug term on outside of form; wax impr, fungusproof.   |                     |        | 17-T-81891-4202        | N16-T-7199-80  |                |                       | CAY        |                            | CAY<br>CAY<br>CAY | 7608014-347<br>T-7607405-8 <sup>sub</sup> 23<br>T-7607405-12<br>sub23         | RBS thru<br>RBS-3<br>RBM thru<br>RBM-5 |
|                       |  |                     |        |                        |                |                |                       |            |                            |                   |   |  |
|                       |  |                     |        |                        |                |                |                       |            |                            |                   |   |  |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-90

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SHEET 47-91

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO          | EQUIPMENT USED IN                      |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|--------------------------------------|--|
| -47424                | COIL, RF: 9/2/44<br>osc coil; single wnd, solenoid wnd; unshielded; rated 14.8 microhenrys, c/o 32 1/2 turns #30E wire tapped at 9 1/2 and 15 turns, 0.623 ohms DC resistance, freq range 2 to 3.6 mc; 1 5/8" lg; mica form, air core; coil form 1 5/8" lg x 5/8" OD; four solder lug term on outside of form; wax impr, fungusproof.                              |                     |        | 16-C-73274-8661        | N16-T-7199-76  |                |                       | CAY  |                            | CAY<br>CAY | 7608014-358<br>T-7607405-13<br>sub23 | RBS thru<br>RBS-3<br>RBM thru<br>RBM-5 |
| -47425                | COIL, RF: 9/2/44<br>osc coil; single wnd, spaced solenoid wnd; unshielded; rated 11.4 microhenrys, c/o 25 3/4 turns #24E wire tapped at 7 1/2 and 15 turns, 0.113 ohms DC resistance, freq range 3.6 to 6.5 mc; 1 5/8" lg; mica form, air core; coil form 1 5/8" lg x 5/8" OD; four solder lug term on outside of form; wax impr, fungusproof.                     |                     |        | 16-C-73151-2952        | N16-T-7199-70  |                |                       | CAY  |                            | CAY<br>CAY | 7608014-357<br>T-7607405-14<br>sub23 | RBS thru<br>RBS-2<br>RBM thru<br>RBM-5 |
| -47426                | COIL, RF: 9/2/44<br>osc coil; single wnd, spaced solenoid wnd; unshielded; rated 2.57 microhenrys, c/o 13 3/4 turns #24E wire tapped at 3 1/2 and 10 turns, 0.065 ohms DC resistance, freq range 6.5 to 11.4 mc; 1 5/8" lg; mica form, air core; coil form 1 5/8" lg x 5/8" OD; four solder lug term on outside of form; wax impr, fungusproof.                    |                     |        | 16-C-72887-7855        | N16-T-7199-77  |                |                       | CAY  |                            | CAY<br>CAY | 7608014-356<br>T-7607405-15<br>sub23 | RBS thru<br>RBS-2<br>RBM thru<br>RBM-5 |
| -47427                | COIL, RF: 9/2/44<br>osc coil; single wnd, spaced solenoid wnd; unshielded; rated 82 microhenrys, c/o 7 1/2 turns #24E wire tapped at 2 1/2 and 5 turns, 0.038 ohms DC resistance, freq range 11.4 to 20 mc; 1 5/8" lg; mica form, air core; coil form 1 5/8" lg x 5/8" OD; four solder lug term on outside of form; wax impr, fungusproof.                         |                     |        | 16-C-73683-3191        | N16-T-7199-78  |                |                       | CAY  |                            | CAY<br>CAY | 7608014-355<br>T-7607405-16<br>sub23 | RBS thru<br>RBS-2<br>RBM thru<br>RBM-5 |
| -47428                | COIL, RF: 9/2/44<br>BFO coil; single wnd, two pie universal wnd, tapped; unshielded; rated 49.9 microhenrys, c/o 68 turns #36DC wire tapped at 12 1/2 turns, 5.39 ohms DC resistance, freq range 0.9 to 1.5 mc, tuned to 1.255 kc; 1 5/8" lg; mica form, air core; coil form 1 5/8" lg x 5/8" OD; three solder lug term on outside of form; wax impr, fungusproof. |                     |        | 16-C-73537-9308        |                |                |                       | CAY  |                            | CAY<br>CAY | 7608015-362<br>T-7607405-17<br>sub23 | RBS thru<br>RBS-2<br>RBM thru<br>RBM-5 |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                                      |  |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-91

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SHEET 47-92

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR               | MANUFACTURER'S PART NUMBER | CONTRACTOR        | CONTRACTOR'S DWG OR PART NO           | EQUIPMENT USED IN                                  |
|-----------------------|---|---------------------|--------|------------------------|-----------------|----------------|-----------------------|-------------------|----------------------------|-------------------|---------------------------------------|--|
| -47429                | IF TRANSFORMER: 9/2/44<br>peak freq 1255 kc; interstage, 1st IF; unshielded; 2 5/8" lg x 7/8" OD o/a; micarta form; two #4-40 tap holes 1 on ea end of coil form; 7 wire lead term; pri universal wnd rated 108 microhenrys, c/o 90 turns of #30-44 Litz wire, wnd in 2 pies, 1.52 ohms DC resistance, secd universal wnd rated 105 microhenrys, c/o 90 turns of #30-44 Litz wire wnd in 2 pies w/tap at 45 turns, 1.52 ohms DC resistance, ter random wnd, rated 11 microhenrys, c/o 6 1/2 turns of #36 DCC wire, 0.37 ohms DC resistance, capacitors and term not incl, wax impr; p/o Navy Type 46217 Radio Receiver; p/o Navy Type 47219 IF Transformer. |                     |        | 17-T-82062-9981        |                 |                |                       | CAY               |                            | CAY               | 7608014-359<br>T-7607405-18<br>sub 23 | RBS<br>RSB-1 (2)<br>RBM thru<br>RBM-5<br>RBS-2 (2) |
| -47430                | TRANSFORMER, IF: 9/2/44<br>peak freq 1255 kc; interstage; unshielded; 1 5/8" lg x 5/8" OD o/a; air core, micarta form; two wnd, pri and secd ea o/o two pie of 45 turns ea of #30-44 EE wire; one #6-32 tapped hole ea end for mtg; five wire lead term; wax impr, fungusproof.   |                     |        |                        |                 |                |                       | CAY<br>OCT<br>CAY | T-7607405-20               | CAY<br>OCT<br>CAY | 7608015-361<br>T-7607405-20<br>rev23  | RBS thru<br>RSB-2<br>RBM thru<br>RBM-5             |
| -47431                | COIL, RF: 9/12/44<br>RF choke coil; single wnd; shielded in metal can; rated 60 millihenrys, 140 ohms DC resistance, c/o 3,200 turns of #34E wire; 1 13/16" lg x 2 3/16" OD o/a incl term; air core; has two 0.149" diam mtg holes 1 3/4" c to c; two solder post term, w/#4-40 tapped hole at bottom of case.  |                     |        | 16-C-75491-4609        |                 |                |                       | CAG               | 379-3                      | CAG               | 379-3 chg600                          | Lorn C-1   |
| -47432                | COIL, RF: 9/11/44<br>choke; single wnd, duolateral wnd; unshielded; 50 microhenrys at 1,000 cyc, 0.25 amp max, 0.54 ohms max DC resistance at 70°F, c/o 52 turns of #19-40 Litz wire; 1 1/16" lg x 1" OD, o/a excluding term; molded phenolic form, air core; 0.164"-32 thd hole in ctr of base for mtg; two solder lug term on bottom.   |                     |        | 16-C-73552-4135        | N16-C-13163-100 |                | 3CK318-21             | CWG               | 400-3                      | CW<br>CG          | BA-10230-1 1ea1                       | TS-34/AP(2)<br>SP-1M<br>MK-34 Mod3<br>MK-34 Mod4   |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -47433                | COIL, RF: 9/12/44<br>osc coil; single wnd, single layer wnd, tapped; unshielded; rated 182 mmf tuning capacity, Q=75, tuned from 3,560 to 3,365 kc; 1 29/32" lg x 5/8" OD, o/a excluding tuning adj; bakelite form; adj powdered iron core w/scdr adj at top; incl #6-32 thd mtg bushing on adj slug screw; three solder lug term on bottom; wax impr and sealed against high humidity.  |                     |        | 16-C-76608-8262        |                |                |                       | CFW | 12565                      | CWV        | B-5226-1 rev0               | Loran C-1         |
| -47434                | TRANSFORMER, RF: 9/12/44<br>ant tuning tranef; two wnd; aluminum shield can; has tuning capacity of 98 mmf, Q is 65, freq range 1960 to 1,765 kc, pri wnd w/slug turned out rated 272 mmf, Q is 47 at 1800 kc; 1 1/4" lg x 1 1/4" wd x 1 3/4" h, excluding term, mtg studs and tuning adj; bakelite form; adj powdered iron core w/scdr adj at top of can; two #6-32 thd spade bolts 5/8" c to c on bottom of can; four solder lug term on bottom; wax impr, sealed against high humidity, term color coded.     |                     |        | 17-T-81432-4584        |                |                |                       | CFW | 12563                      | CWV        | B-5225-1 rev0               | Loran C-1         |
| -47435                | TRANSFORMER, RF: 9/12/44<br>detector tranef; two wnd; aluminum shield can; has tuning capacity of 98 mmf, Q is 65, freq range 1,960 to 1,765 kc, pri wnd w/slug turned out rated 117.5 mmf, Q is 48 at 900 kc; 1 1/4" lg x 1 1/4" wd x 1 3/4" h, o/a excluding term, mtg studs and tuning adj; bakelite form; adj powdered iron core w/scdr adj at top of can; two #6-32 thd spade bolts 1 5/32" c to c on bottom of can; 4 solder lug term on bottom; wax impr, sealed against high humidity, term color coded. |                     |        | 17-T-81432-4589        |                |                |                       | CFW | 12564                      | CWV        | B-5225-2 rev0               | Loran C-1         |
| -47436                | COIL, RF: 9/19/44<br>retardation coil; single wnd, duolateral wnd; unshielded; approx 1,025 turns of #34E wire, 70 ohms DC resistance, resonant capacity of 290 mmf max, 240 mmf min at 80 kc; 7/8" lg x 1 1/16" OD, o/a incl term; phenol fabric core tube, air core; mts by 3/16" diam hole through ctr of core; two solder post term on side of core; fungus and moisture resistant.  |                     |        | 16-C-75215-3571        |                |                |                       | CW  | D-164301                   | CW         | BA-103563 1003              | UE-1              |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

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NAVSHIPS 900,109(A)  
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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -47437                | COIL, RF: 9/19/44<br>retardation coil; single wnd, toroidal wnd, three tape; shielded in metal can; rated 563 microhenrys min to 597 microhenrys max at 0.002 amp, 100 kc, 1.35 ohms max DC resistance between term #1 and #5, term #1 to 2 c/o 105 turns #7-34 E wire, term #2 to #3 c/o 47 turns #7-34 E wire, term #3 to #4 c/o 38 turns #7-34 E wire, term #4 to #5 c/o 25 turns #7-34 E wire; 3 11/32" lg x 1 1/8" wd x 1 7/8" h o/a excluding term and mtg bkt; molybdenum permalloy powdered core; four mtg slots on 1 5/8" x 1 5/8" mtg/c; four solder lug term on bottom; ES metal case. |                     |        | 16-C-74197-3186        |                |                |                       | CW   | D-169006                   | CW         | BA-103560 1ee1              | UE-1              |
| -47438                | ANTENNA COUPLING ASSEMBLY: 9/30/44<br>for general radio use; c/o NT-47439 Ant Coupling Unit, NT-10392 Weatherproof Housing, shunt and series coils and accessories; wt approx 71 1/2 pounds; rectangular shape; 10 5/16" h x 20 1/2" lg x 18 1/2" wd o/a; mts by bkt w/four mtg holes; has Navy nameplate; weatherproof.  | RB9317C             |        | 16-C-91718-8234        |                |                |                       | CAQT | 229                        | CAQT       | 229-5 dated 9/30/44         |                   |
| -47439                | ANTENNA COUPLING UNIT: 9/30/44<br>matches ent w/resistance of 8 to 15 ohms and reactance of 300 to 600 ohms to a 52 ohm transmission line; assem c/o two var inductors, one in series w/antenna and one in shunt w/transmission line, veeder counters and two JAN type OC3/VRIQ5 tubes; rectangular steel housing; freq range 1.75 to 1.95 mc; inductance is indicated by veeder counter that shows the turns and tenths of turns in ckt; 12 25/32" h x 16 1/2" wd x 20 1/2" lg, o/a; 4 mtg holes in 2 base bkt; has Navy nameplate; weatherproof.  |                     |        | 16-C-91718-8640        |                |                |                       |      |                            | CAQT       | 29-10 dated 9/30/44         |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

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NAVSHIPS 900,109(A)  
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SHEET 47-95

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO        | EQUIPMENT USED IN      |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|------------------------------------|------------------------|
| -47440                | COIL, RF: 10/16/44<br>RF choke; single wnd, single layer wnd; unshielded, c/o 6 turns of 3/16" OD x 1/8" ID copper tubing<br>30 1/4" lg w/ 5/16" spacing between turns; approx 2 1/4" lg x 1 3/4" OD o/a excluding term board; air core; coil is soldered to lugs on term board, two mtg holes at one end of term board; two stud term on bottom of term board.   |                     |        | 16-C-71869-9525        | N16-C-14396-6  |                |                       | CAY  | P-7708728                  | CAY        | P-7708728-1 sub5                   | TDE thru TDE-3         |
| -47441                | COIL, RF: 10/16/44<br>RF choke; single wnd, basket wnd; unshielded; rated 0.55 millihenrys p/a 5% at 1,000 cyc, 1.7 ohms plus 5% minus 10% DC resistance, c/o 150 turns of #24DC wire; 1 1/16" lg x 1 25/32" OD o/a excluding leads; micarta form, air core; two wire lead term 6" lg from coil.  |                     |        | 16-C-74194-7331        | N16-C-13176    |                |                       | CAY  | L-369730                   | CAY        | L-369730 rev1                      | TDE (2) thru TDE-3 (2) |
| -47442                | COIL, RF: 10/18/44<br>RF choke; single wnd, four pie universal wnd; unshielded; rated 2.25 millihenrys at 1,000 cyc, 125 ma, 39 ohms DC resistance, 10w, c/o 226 turns #368S wire; 2" lg x 1/2" OD, o/a excluding leads; ceramic form, air core; mts by two wire lead term.   |                     |        | 16-C-74605-8871        | N16-C-13158-8  |                |                       | CFW  | 1380                       | CAY<br>CAY | P-7708469 sub1<br>K-7808974-1 sub7 | TDE (5) thru TDE-3 (5) |
| -47443                | IF TRANSFORMER: 10/19/44<br>IF PA tank coil (variometer); 5 wnd, 3 stator wnd, 2 rotor wnd; unshielded; 234 microhenries DC resistance 0.28 ohm, stator wnd #1 c/o 13 turns EDS wire double bank wnd, stator wnd #2 c/o 29 turns EDS wire, tapped at 5, 14, 16 and 23 turns from start, single layer wnd, stator wnd #3 c/o 21 turns EDS wire, rotor wnd #1 c/o 16 turns #38E Litz wire, double bank wnd, rotor wnd #2 c/o 9 turns #38 E Litz wire; rotor approx 1 3/4" lg x 2 13/16" diam, o/a, stator approx 9" lg x 3 1/2" diam, o/a; Micarta air core; rotor form approx 3/4" lg x 2 13/16" diam, stator form 9" lg x 3 7/16" diam; adj coupling; adj by 2 control shafts; mts by 2 brg bkt and 3 mtg bkts; stator 10 term, rotor & solder lug term; varnished. |                     |        | 17-T-84183-7621        | N16-T-18588    |                |                       | CAY  | T-7608524-2                | CAY        | T-7608524-2 rev8                   | TDE                    |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |                              |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|-----------------------------|-------------------|------------------------------|
| -47444                | COIL, RF: 10/20/44<br>RF choke; one wnd, four pie universal wnd; unshielded; rated 5.5 millihenrys, 50 ohms DC resistance, c/o 1,040 turns #36ES wire; approx 2 1/8" lg x 1 1/2" wd x 3/4" d o/a; bakelite form, air core; coil form 2 1/8" lg x 3/8" diam; two 0.154" diam mtg holes 3/4" c to c in base; two solder lug term on side.  |                     |        | 16-C-74935-6858        | N16-C-13175    |                |                       | CAI  |                            | CAI                         | F-7708623-1aubb12 | TDE (2)<br>thru<br>TDE-3 (2) |
| -47445                | COUPLING UNIT, antenna: 11/22/44<br>used to couple ant to coaxial transmission line; p/o NT-46265 Loran Receiver Indicator; rectangular cast alumina box, incl an inductance coil w/tape so impedance of antenna may be matched to input impedance of receiver; matched impedance 52 ohms to transmission line, ant freq 1,700 kc to 2,000 kc; has stud term on one end and receptacle for cable on other end; 12 1/8" lg x 6" wd x 6" h o/a; four 9/32" diam mtg holes for 1/4" screws on 7 1/4" x 5 1/4" mtg/c; wp, mts in any position. | RE13A944            |        | 16-C-91718-8081        |                |                |                       | CS   | 651007                     | CS                          | 651007            | DBE                          |
| -47446                | TRANSFORMER, variable RF: 10/20/44<br>RF transf; three wnd, two stator and one rotor wnd; unshielded; stator wnd #1 c/o 10 3/4 turns #14 wire tapped at 3, 6 and 10 turns from finish end, stator wnd #2 c/o 3 1/2 turns #14 wire, rotor wnd, c/o 6 turns #14 wire; 4 5/8" lg x 3 3/4" wd x 3 6/8" h o/a excluding term; air core; varied by turning rotor coil; mts by holes in base; six solder lug term on coil forms.  |                     |        | 17-T-84126-3851        | N16-T-6420-207 |                |                       | CAI  | P-7708640-1                | CAI                         | 7708640-1 rev3    | TDE thru<br>TDE-3            |
| -47447                | COIL, RF: 10/20/44<br>HF doubler coil; single wnd, single layer clockwise wnd; unshielded; c/o 27 turns #16DC copper wire centrally spaced, tapped at 7 1/2, 13, 22 turns from finish end; approx 3 3/4" lg x 2" OD o/a excluding term and mtg bkt; moldarta form, air core; two mtg bkt w/holes to accom #8-32 thd screws 1 3/8" c to c on bottom of form; five solder term, one on top, one on bottom, three on coil.  |                     |        |                        | N16-C-14378-90 |                |                       | CAI  | P-7708631-2                | CAI                         | 7708631-2 rev5    | TDE thru<br>TDE-3            |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR               | CONTRACTOR'S DWG OR PART NO  | EQUIPMENT USED IN         |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|--------------------------|--|---------------------------|
| -47448                | COIL, RF: 10/21/44<br>tank coil; single wnd, single layer wnd; unshielded; rated 30 microhenrye at 3000 kc, 0.034 DC resistance, c/o 26 turns of #12 hard solid silver wire; 5 11/16" lg x 2 1/2" wd x 5 3/16" h o/a excluding term and mtg bkt; ceramic form; moving cont on coil; four mtg bkt w/0.180" diam mtg holes on 6 9/16" x 2" mtg/c; two solder term, one on top and one on bottom; same as WT-47449 except not mechanically interchangeable.   |                     |        | 16-C-73432-9499        |                |                |                       | CAY  |                            | CAY                      | T-7608084 sub0   | TDE thru TDE-3            |
| -47449                | COIL, RF: 10/21/44<br>ant tuning coil; single wnd, single layer wnd; unshielded; rated 30 microhenrye at 3000 kc, 0.034 ohms DC resistance, c/o 26 turns of #12 solid silver wire; approx 5 11/16" lg x 2 1/2" wd x 4 9/16" h o/a excluding term and mtg bkt; ceramic form; has four mtg bkts w/ 0.180" diam holes on 6 9/16" x 2" mtg/c; two solder lugs, one on top, one on bottom; same as NT-47448 except not mechanically interchangeable.  |                     |        | 16-C-73432-9484        | N16-C-18581    |                |                       | CAY  |                            | CAY                      | T-7608084 sub0   | TDE thru TDE-3            |
| -47450                | COIL, RF: 10/23/44<br>single wnd, space wnd; unshielded; rated 16 microhenrye max, freq range 2 to 9.5 mc, c/o 24 turns #14 tinned copper wire tapped at 16 turns, 0.04 ohms DC resistance, 10 microhenrye at tap; approx 6 7/8" lg x 2 3/4" diam o/a incl term and mtg bkt; isolantite form, air core; coil form 6 1/2" lg x 2 1/2" diam; mts by mtg bkt w/four mtg holes; two screw type term and one eyelet solder term at tap.   |                     |        | 16-C-73245-8066        | N16-C-14392-41 |                |                       | CAY  | P-7706592-1                | CAY<br>CAY               | P-7706592-1 sub4<br>P-7705779-2 sub5   | TBK-9<br>TBK-16<br>TBK-12 |
| -47451                | COIL, RF: 10/23/44<br>second intermediate tank coil; single wnd, space wnd; unshielded, open frame; rated 22 microhenrye at 2000 to 18000 kc and 20 amp RF, approx 0.003 ohms DC resistance, c/o 14 turns 3/16" x 5/16" copper bar wire; approx 8 1/4" h x 7 3/4" wd x 11 3/4" lg o/a; air core; tuned by sliding arm w/knob on front; mts by bkt on base w/four holes on 10 5/16" x 4 1/2" mtg/c; 2 screw type term; c/o coil assem CAY #T-7603309-G2, knife sw #7708170-G-2, bkt dwg #7406897-P4; same as Navy Type 47451 and 47452 except for shaft length. |                     |        | 16-T-43276-1077        |                |                |                       | CAY  | S-867085                   | CAY<br>CAY<br>CAY<br>CAY | T-7609877-2 rev2<br>T-7609876-1 rev9<br>M-7409127-2 rev4<br>P-7704122-2 rev5 | TBK-9<br>TBK-16<br>TBM-12 |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO                     | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO          | EQUIPMENT USED IN  |
|-----------------------|---|---------------------|--------|------------------------|------------------------------------|----------------|-----------------------|-----|----------------------------|------------|--------------------------------------|--|
| -47452                | COIL, RF: 10/24/44<br>RF choke; single wnd, basket wnd; unshielded; rated 4 millihenrys at 1000 c/o, 5.15 ohms DC resistance, 0.4 amp test, 900 VAC continuous duty, c/o 375 turns #24 DCC wire; 1" lg x 2 9/16" diam o/a excluding leads; plastic form 1" lg x 1" diam, air core; mts by hole through ctr of form; two wire lead term on coil form.  |                     |        | 16-C-74822-7986        | W16-C-13151                        |                |                       | CAY | L-303481                   | CAY        | M-7405019-11<br>sub15                | TBK-9<br>TBK-11<br>TBK-15<br>TBK-16<br>TBM-6<br>TBM-12   |
| -47453                | COIL, RF: 10/24/44<br>RF choke; single wnd, basket wnd; unshielded; rated 0.084 millihenry p/m 10%, 350 ma, 0.62 ohms DC resistance, 1 kc test, c/o 65 turns #24 DC wire; 1" lg x 1 3/8" diam o/a excluding lead; plastic form, 1" lg x 1" diam, air core; mts by hole through ctr of form; two wire lead term on form.   |                     |        | 16-C-73684-6680        | W16-C-13274-5                      |                |                       | CAY | L-365782                   | CAY        | M-7405019-23<br>sub15                | TBK-9<br>TBK-11<br>TBK-15<br>TBM-6<br>TBM-12   |
| -47454                | COIL, RF: 10/24/44<br>RF choke; single wnd, four pie universal wnd; unshielded; rated 42 microhenrys at 100 ma, 2.07 ohms DC resistance, 2500v DC test, sect #1 c/o 5 turns #30 DC wire, sect #2 c/o 10 turns #30 DC wire, sect #3 c/o 10 turns #30 DC wire, sect #4 c/o 5 turns #30 DC wire; approx 3 1/4" lg x 2 1/2" diam o/a excluding bkt; phenolic form, air core; mts on bkt; two solder lug term.<br>NOTE: TBL-11; TBL-12; TBL-13; TBM-6; TBM-12. |                     |        | 16-C-73503-4984        |                                    |                |                       | CAY |                            | CAY<br>CAY | 7405204-1 sub15<br>7803570 sub12     | TBK-9<br>TBK-11<br>TBK-15<br>TBK-16<br>TBL-2<br>TBL-3<br>TBL-5 thru<br>TBL-7<br>TBL-10<br>SEE NOTE |
| -47455                | COIL, RF: 10/25/44<br>RF choke; single wnd, three pie universal wnd; unshielded; rated 160 microhenrys at 200 ma, 4.16 ohms DC resistance, ea pie c/o 80 turns #26 EC wire; approx 3 1/4" lg x 2 1/2" diam o/a excluding bkt; phenolic form, air core; mts on bkt; two solder lug term on form.   |                     |        | 16-C-73901-9200        | W16-C-13163-20-7<br>W16-C-13163-20 |                |                       | CAY |                            | CAY<br>CAY | M-7405204-2 sub15<br>K-7803570 sub12 | TBK-9(2)<br>TBK-11(2)<br>TBK-15(2)<br>TBK-16(2)<br>TBM-6(2)<br>TBM-12(2)                           |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-98

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SHEET 47-99

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN  |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|--|
| -47456                | COIL, RF: 10/25/44<br>grid choke; single wnd, single layer wnd; unshielded; rated 0.46 microhenrys at 30 amp, approx 0.01 ohm DC resistance, c/o 5 turns #10 wire; 1 9/16" lg x 1 1/16" OD o/a; air wnd, air core; 1 9/16" x 7/8" ID; two solder lug term, used for mtg.   |                     |        | 16-C-71804-5660        |                |                |                       | CAY  | M-7406169                  | CAY        | M-7406169-1 sub3            | TBK-9<br>TBK-16<br>TEM-12  |
| -47457                | COIL, RF: 10/25/44<br>RF choke; single wnd, basket wnd; unshielded; rated 0.35 millihenrys at 300 ma max, 1.35 ohms DC resistance, 500v AC, 1500 to 5000v DC continuous duty, c/o 125 turns #24 DCC wire; 1" lg x 1 9/16" diam o/a excluding leads; plastic form 1" lg x 1" diam, air core; mts by hole in ctr of form; two wire lead term.  |                     |        | 16-C-74071-1991        | 16-C-13272     |                |                       | CAY  | L-303483                   | CAY        | M-7405019-13 sub15          | TBK-9(3)<br>TBK-11(3)<br>TBK-15<br>TBK-16(3)<br>TEM-6<br>TEM-12(2) |
| -47458                | COIL, RF: 10/26/44<br>tank coil; single wnd; unshielded; rated 8.5 microhenrys, freq range 2,000 kc to 4,000 kc, 0.02 ohms DC resistance, c/o 16 5/6 turns #10 wire tapped at 3 turns from start of wnd; approx 4 5/8" lg x 3 3/4" OD o/a excluding term and mtg bkt; micarta form, air core; mts by bkt w/four mtg holes on 4 1/4" x 2 3/8" mtg/c; four solder lug term on top of form. |                     |        | 16-C-75037-6410        |                |                |                       | CAY  |                            | CAY        | 7705699-5 sub7              | TBK-9<br>TBK-16<br>TEM-12  |
| -47459                | COIL, RF: 10/26/44<br>RF trans; 2 wnd, double layer wnd; unshielded; 3.5 amp, AC or DC, 600v, DC, working v, freq range 1 to 2.2 mc, bottom wnd has 50 turns #14 wire, top wnd has 48.5 turns #14 wire, ea coil has 1 ohm DC resistance; 5 5/16" lg x 3" OD excluding mtg bkt; air core; 5 5/16" lg x 3" OD form; mts by 3 right angle mtg bkt 1 end; solder lug term; 3 capacitors.     |                     |        | 16-C-75832-5483        |                |                |                       | CAY  | P-7705707                  | CAY        | P-7705707-5 rev 32          | TBK-9  |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |  |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-99

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SHEET 47-100

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO              | EQUIPMENT USED IN   |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|--|---|
| -47460                | COIL, RF: 10/31/44<br>one wnd; unshielded; rated 27.5 microhenries at 2000 kc; c/o 16 turns wnd edgewise of 261.5" lg x 1/2" wd x 1/16" thk copper strap, tapped at 15 1/2, 11 11/12, 10 5/6, 12 1/6 turns, 0.0141 ohms total DC resistance; approx 3 1/4" lg x 5 5/8" OD o/a; air core; tuned by taps and a slider; sliding adj through side of form; mtd on coil assem for HF MO; six wire lead term.   |                     |        | 16-C-76638-8239        | N16-C-14375-41 |                |                       | CAY | 7604851                    | CAY        | K-7808727-1<br>rev 4                     | TBL-2<br>TBL-3<br>TBL-5 thru<br>TBL-7   |
| -47461                | COIL, RF: 10/31/44<br>RF coil used in doubler ckt; single wnd, single layer wnd; unshielded; rated 67.5 microhenrys at 2000 kc, 0.056 ohms DC resistance, c/o 28 turns #14 wire tapped at ninth turn from mtg end; approx 6 1/8" lg x 2 1/2" diam excluding term and mtg bkt; isolantite form, air core; mts by three mtg bkts w/ 0.180 diam holes spaced 135 deg, 90 deg and 135 deg apart on a 3 1/2" diam bolt circle; three solder lug term on side of form.  |                     |        | 16-C-73634-2405        |                |                |                       | CAY |                            | CAY        | 7705697-1 sub12                          | TBL-2<br>TBL-3<br>TBL-5 thru<br>TBL-7<br>TBL-10<br>thru<br>TBL-13                         |
| -47462                | TRANSFORMER, variable RF: 10/31/44<br>varicometer; three wnd, single layer wnd, wnd clockwise; unshielded; rated 172 microhenrys at 175 kc, 0.374 ohms p/m 10% DC resistance on rotor, 0.333 ohms p/m 10% DC resistance on stator, rotor c/o 50 1/2 turns of 0.004" Litz wire, stator first sect c/o 49 1/2 turns of 0.004" Litz wire, second sect c/o 20 1/4 turns of 0.004" Litz wire; 8 1/16" lg x 4 1/2" OD o/a excluding term; stator form micarta, rotor form moldarta, air core; adj coupling; six solder term, two rotor, one on ea side of stator and one ea on top and bottom of stator; varnish impr.                  |                     |        | 17-T-84148-8501        | N16-T-18544-8  |                |                       | CAY |                            | CAY<br>CAY | 760747-314<br>P-7706416-1 and<br>2 sub12 | TBL-2<br>TBL-3<br>TBL-5<br>TBL-7<br>TBL-10<br>TBL-6<br>TBL-11<br>TBL-12<br>TBL-13         |
| -47463                | TRANSFORMER, variable RF: 10/31/44<br>varicometer; three wnd, single layer wnd, wnd clockwise; unshielded; rated 944 microhenrys at 175 kc, 0.686 ohms DC resistance, rotor c/o 47 1/2 turns of #17 DCC copper wire stator, first sect c/o 21 turns of #16 DCC copper wire, second sect c/o 60 1/3 turns of #16 DCC copper wire tapped at 9 1/2, 11 1/2, 13 1/2, 15 1/2, 17 1/2, 33 1/2, 35 1/2, 37 1/2, 39 1/2, 41 1/2 turns; approx 8 7/8" lg x 5" OD o/a excluding term; stator form micarta, rotor form moldarta, air core; adj coupling; sixteen solder lug term, two on rotor, fourteen on outside of stator; varnish impr. |                     |        | 17-T-84149-4551        | N16-T-18543-50 |                |                       | CAY |                            | CAY<br>CAY | 7607474-308<br>T-7605551-1 and<br>sub7   | TBL-2(2)<br>TBL-3(2)<br>TBL-5(2)<br>thru<br>TBL-7 (2)<br>TBL-10 (2)<br>thru<br>TBL-13 (2) |

SHEET 47-100

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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

**RESTRICTED**

SHEET 47-101

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR | MANUFACTURER'S PART NUMBER | CONTRACTOR'S DWG OR PART NO  | EQUIPMENT USED IN  |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|--|--|
| -47464                | COIL, RF: 10/25/44<br>RF choke for use on 80 and 160 meter bands; single wnd, five pie honeycomb wnd; unshielded; rated 4 millihenrys at 1 kc, 600 ma, max 10 ohms DC resistance, 3 mmf distributed capacity; 3 1/8" lg x 2 5/16" wd x 2" h o/a incl term end mtg bkt; air core, ceramic form 2 1/2" lg x 1/2" OD; mts by three #6-32 screw holes on a "T" shaped mtg bkt on bottom; two solder lug term, one term is mtd on coil, other term mtd on ins separated from coil; same as Navy Type 472362 except Navy Type 472362 has additional mtg bkt and ins standoff. |                     |        | 16-C-74837-7906        | N16-C-13165    |                |                       | CNA  | R-152                      | CAY P-7705829-20<br>CAY T-7607093-197<br>CAY T-7607282-198<br>CAY 7607282-197rev13 | TBK-9<br>TBK-11<br>TBK-15<br>TBK-16<br>TBM-6                   |
| -47465                | TRANSFORMER, power: 10/25/44<br>CANCELLED: use NT-302668.   |                     |        |                        | N16-T-5270-15  |                |                       | CAY  | 302668                     | CAY L-332701 revL  | TBK-9<br>TEM-12  |
| -47466                | COIL, RF: 10/31/44<br>RF choke; single wnd, one pie lattice wnd; unshielded; rated 1.1 millihenrys at 1 kc, 0.125 amp DC, DC resistance 17 ohms, c/o 250 turns #36 EKS wire; 1 1/16" lg x 1 1/16" OD o/a excluding term; ceramic form 1/2" lg x 1/2" OD, air core; mts by 0.175" diam x 1/4" d hole in end of form opposite term; two solder lug term at base; impr w/moistureproof, fungus resistant coating.  |                     |        | 16-C-74415-1573        |                |                |                       | CDB  | 35,011A                    | CRB CK-1015A 1eeA  | TS-120/UP (3)<br>TS-191/UP (3)                                 |
| -47467                | COIL, RF: 10/31/44<br>RF choke; single wnd, one pie lattice wnd; unshielded; rated 30 millihenrys at 1 kc, 0.1 amp, 190 ohms DC resistance, c/o 1500 turns #38 ES wire; 1" lg x 1 1/16" OD o/a excluding term; ceramic form 3/16" lg x 1/2" OD, air core; mts by 0.173" diam x 1/4" d hole in end of form opposite term; two solder lug term; impr w/moistureproof, fungus resistance varnish.  |                     |        | 16-C-75372-6077        |                |                |                       | CDB  | CH-1218-8P                 | CRB CK-1014A 1eeO  | TS-120/UP<br>TS-191/UP   |
| -47468                | COIL, RF: 11/1/44<br>var RF coil; single wnd, single layer wnd; unshielded; rated 90 microhenrys p/m 10% at 2000 kc, 0.0187 ohms p/m 10% DC resistance, c/o 22 turns #10 silver covered half hard copper wire; 4 5/8" lg x 3" OD; isolantite form, air core; coil form 4 5/8" lg x 3" OD; sliding cont on rotating coil; four mtg holes on 7 1/2" x 3 1/4" mtg/c; two screw type term, one top and one bottom.  |                     |        | 16-C-76659-8426        |                |                |                       | CAY  |                            | CAY 7607474-329<br>CAY M-7405975-1 sub6<br>CAY M-7406447-1 sub10                   | TBL-2<br>TBL-3<br>TBL-5 thru<br>TBL-7<br>TBL-10 thru<br>TBL-13 |

SHEET 47-101

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL



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SHEET 47-102

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR        | CONTRACTOR'S DWG OR PART NO               | EQUIPMENT USED IN   |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|-------------------|---|---|
| -47469                | COIL, RF: 11/1/44<br>grid choke; single wnd, four pie universal wnd; unshielded; rated 42 microhenrys at 100 ma, 2.07 ohms DC resistance, 2500v DC test, sect #1 c/o 5 turns #30 DC wire, sect #2 c/o 10 turns #30 DC wire, sect #3 c/o 10 turns #30 DC wire, sect #4 c/o 5 turns #30 DC wire; approx 3 1/4" lg x 2 1/2" diam o/a; phenolic form, air core; six 0.164"-32 thd x 5/8" d tapped holes equally spaced on 1 1/2" diam bolt circle on ea end of form; two solder lug term; same as NT-47454 except does not have mtg bkt.   |                     |        | 16-C-73503-4974        | N16-C-13163-22 |                |                       | CAY        |                            | CAY<br>ORV<br>CAY | X-7803570 rev12<br>7604902<br>M-7405204-3 | TBL-2   |
| -47470                | COIL, RF: 11/1/44<br>RF choke; single wnd, basket wnd; unshielded; 0.1 millihenry p/m 10% at 1000 cyc, 0.7 ohms p/m 15% DC resistance, c/o 65 turns #24 DC wire. 1 3/8" OD x 1" lg o/a excluding leads; plastic form 1" lg x 1" diam, air core; mtd by hole in otr of form; two wire lead term on coil.  |                     |        | 16-C-73749-8191        | N16-C-13276    |                |                       | CAY<br>CAY | L-303602<br>M-7405019-19   | CAY<br>CAY        | 7607474-333<br>M-7405019-19<br>rev15      | TBL-2<br>TBL-3<br>TBL-5 t ru<br>TBL-7<br>TBL-10<br>t ru<br>TBL-13 |
| -47471                | TRANSFORMER, variable RF: 11/1/44<br>varicometer; five wnd, single layer wnd, wnd clockwise; unshielded; rated 3 m llihenrys at 175 kc, 0.0128 ohms DC resistance, stator c/o three sect, first sect c/o 12 turns #12 tinned copper wire, second sect c/o 26 turns #12 tinned copper wire tapped at 5, 7, 9, 13, 15, 17, 24, 25 turns, third sect c/o 38 turns #12 tinned copper wire tapped at 1, 11, 13, 15, 24, 25, 26 turns, rotor first sect c/o 36 1/2 turns of #3x3-18 Litz wire, second sect c/o 15 1/2 turns of #3x10-20 Litz wire; approx 13 3/4" lg x 4 1/2" OD o/a; stator form mica, rotor form mold-erta, air core; adj coupling; mts by three bkt at one end of coil; twenty-five solder lug term, four on rotor, twenty-one on outside form of stator; varnish impr. |                     |        | 17-T-84184-5697        | N16-C-13420-1  |                |                       | CAY        |                            | CAY<br>CAY        | 7607474-341<br>T-7605527-1,2,3<br>rev14   | TBL-2<br>TBL-3<br>TBL-5 thru<br>TBL-7<br>TBL-10 th<br>TBL-13      |
|                       |  |                     |        |                        |                |                |                       |            |                            |                   |   |   |
|                       |  |                     |        |                        |                |                |                       |            |                            |                   |   |   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-102

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SHEET 47-103

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A B O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR               | CONTRACTOR'S DWG OR PART NO                                 | EQUIPMENT USED IN   |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|--------------------------|---|---|
| -47472                | COIL, RF: 11/2/44<br>ant coil; single wnd; unshielded; rated 6.75 millihenrys at 175 kc, 0.705 ohms DC resistance c/o 135 turns #3x5-20 Litz wire tapped at 3 12/13, 10, 17, 31 1/13, 39 2/13, 48 3/13, 57 3/13, 66 4/13, 76 4/13, 86 4/13, 96 3/13, and 110 3/13 turns; 10" eq x 16 3/4" lg o/a excluding term and mtg bkt; air wnd; coil form approx 9 1/8" diam x 15 3/8" lg; mte by three bkt on ea end; fourteen screw type term, seven at ea end.  |                     |        | 16-C-74975-7393        | 16-T-18566-50  |                |                       | CAY | 7605519-1                  | CAY<br>CAY<br>CAY<br>CAY | 7607474-346<br>M-7405019-11<br>T-7607322-136<br>T-7605519-1 | TBL-2<br>TBL-3<br>TBL-5 thru<br>TBL-7<br>TBL-10<br>thru<br>TBL-13<br>TBU(5)<br>thru<br>TBU-4(5) |
| -47473                | COIL, RF: 11/2/44<br>RF choke; one wnd, three pie wnd; unshielded; total inductance 7.26 millihenrys, sect #1 rated 4.35 millihenrys at 400 to 1000 kc, 900v AC, 0.64 DC resistance, c/o 350 turns #26 DSC wire, sect #2 rated 2.16 millihenrys at 500 to 1750 kc, 600v AC, 4.2 ohms DC resistance, c/o 250 turns #26 DSC wire, sect #3 rated 0.75 millihenrys at 500 to 4000 kc, 350v AC, 2.25 ohms DC resistance c/o 150 turns #26 DSC wire; approx 6" lg x 2 1/4" OD, o/a excluding insulators; irvolite form, air core; mte by bkt at ea end; one solder lug term at ea end; incl an insulator on bkt at ea end of form. |                     |        | 16-C-72677-1610        |                |                |                       | CAY |                            | CAY<br>CAY               | 7607474-310<br>7700874-6 sub16                              | TBL-2(3)<br>TBL-3 (3)<br>TBL-5 (3)<br>thru<br>TBL-7 (3)<br>TBL-10 (3)<br>thru<br>TBL-13 (3)     |
| -47474                | COIL, RF: 11/2/44<br>retardation coil; single wnd, duolateral wnd; unshielded; rated 800 millihenrys at 1800 cps, 1300 ohms DC resistance, c/o 7800 turns #37 BS wire; 1 9/32" lg x 2" OD o/a incl term; stearite form, air core; mte by hole through ctr of form; three solder lug term at base, one has no connection w/wnd.   |                     |        | 16-C-75756-4523        | 16-C-13514     |                |                       | CM  | XB-9196                    | CM                       | ES0-635234  | SJ Series   |
|                       |  |                     |        |                        |                |                |                       |     |                            |                          |   |   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-103

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SHEET 47-104

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S Q STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO           | EQUIPMENT USED IN  |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|--------------------------------------|--|
| -47475                | COIL, RF: 11/2/44<br>RF choke; single wnd, two layers bank wnd; unshielded; rated 3 millihenrys, 0.508 ohms DC resistance, c/o 124 turns #3x3-18 Litz wire tapped at 46, 59, 81, 91 turns; approx 6 5/8" lg x 3 1/2" OD o/a excluding term and mtg bkt; phenolic form, air core; mts by three mtg bkt w/ 0.180" diam hole spaced 120 deg apart; six solder lug term.  |                     |        | 16-C-74791-5507        |                |                |                       | CAY | 7705719                    | CAY        | F-7705719-1<br>rev16                 | TBL-2<br>TBL-3<br>TBL-5 thru<br>TBL-7<br>TBL-10<br>thru<br>TBL-13                      |
| -47476                | COIL, RF: 11/2/44<br>tank coil; single wnd, single layer wnd; unshielded; c/o 44 turns #14 wire tapped at 43 turns; approx 6 1/2" lg x 2 1/2" diam o/a excluding mtg bkt; moldarta form, air core; mts by three mtg feet at one end of form; three solder lug term on side of form.   |                     |        | 16-C-72618-8066        | N16-T-18580    |                |                       | CAY |                            | CAY        | 7708625-1 sub4                       | TDE thru<br>TDE-3  |
| -47477                | TRANSFORMER, variable RF: 11/2/44<br>varicometer; three wnd; unshielded; rated 125 microhenrys max, 121.8 microhenrys min at 1 kc, 0.17 ohms DC resistance, rotor c/o 17 3/4 turns of #3x3-18 Litz wire, stator first sect c/o 45 turns of #38 Litz wire tapped at 14, 23, 25 and 35 turns, second sect c/o 17 3/4 turns of #38 Litz wire; approx 3 1/2" h x 2 7/8" wd x 6 1/4" lg o/a; air core; adj coupling which is adj by shaft on front; mts by three mtg bkt; ten solder lug term.                                   |                     |        | 17-T-84145-7873        | N16-T-6149     |                |                       | CAY | P-7708621-1                | CAY<br>CAY | T-7608270-2 sub1<br>P-7708621-1 sub3 | TDE thru<br>TDE-3  |
| -47478                | COIL, RF: 11/6/44<br>filament choke coil; two coax wnd; unshielded; rated 6 millihenrys at 1 to 2.2 ma, 3.5 amp AC or DC, 0.1 ohm DC resistance, top wnd c/o 48 1/2 turns #14 wire, bottom wnd c/o 50 turns #14 wire; 5 5/16" lg x 3 11/16" diam o/a incl term, capacitors and mtg bkt; micarta form, air core; incl three capacitors, two are mtd on top of form and one on side of form at bottom; mts by three bkt w/0.180" diam mtg holes spaced 120 deg apart on approx 3 1/2" diam bolt circle; four solder lug term. |                     |        | 16-C-75832-5493        | N16-T-7002-55  |                |                       | CAY |                            | CAY        | P-7705707-6<br>sub32                 | TBL-2(2)<br>TBL-3(2)<br>TBL-5(2)<br>thru<br>TBL-7(2)<br>TBL-10(2)<br>thru<br>TBL-13(2) |

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NAVSHIPS 900,109(A)  
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SHEET 47-104

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SHEET 47-105

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO  | EQUIPMENT USED IN  |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|-----------------------|------|----------------------------|------------|--|--|
| -47479                | COIL, RF: 11/8/44<br>choke coil; single wnd, hellical wnd; unshielded; rated 145 microhenrys at 1000 kc, 300 ma, 0.916 ohms DC resistance, c/o 75 turns #24 EDC wire; approx 3 1/2" h x 1 3/4" diam o/a excluding term; micarta form, air core; two 0.180" diam mtg holes 3" o to c on side directly opposite term; two solder lug term on side.   |                     |        | 16-C-73867-5917        | N16-C-13297     |                |                       | CAY  | M-7407291-1                | CAY        | M-7407291-1 sub3   | TDE thru TDE-3   |
| -47480                | COIL, RF: 11/8/44<br>RF coil; single wnd, one wnd; unshielded; rated 6.25 millihenrys at 2000 kc, 0.0495 ohms DC resistance, c/o 26 turns #14 wire, tapped at 6 1/2 and 23 3/4 turns; approx 6 6/7" lg x 2 3/4" OD o/a excluding term and mtg bkt; air core, 6 1/2" lg x 2 1/2" OD; two mtg bkt at ea end w/#10 mtg slots; two solder lug term for taps and two screw type term for start and finish of wnd.   |                     |        | 16-C-74963-9471        |                 |                |                       | CAY  |                            | CAY        | 7607474-319<br>7406479-1 sub6<br>P-7705779-2 sub9                                  | TBL-2<br>TBL-3<br>TBL-5 thru TBL-7<br>TBL-10 thru TBL-13 |
| -47481                | COIL, RF: 11/9/44<br>RF coil; 1 wnd, single layer wnd; unshielded; rated 22 microhenries, 20 amp; 14 turns 3/16" x 3/16" copper bar wnd edgewise; 11 3/4" lg x 7 3/4" h x 8 1/4" wd, o/a; phenolic form, air core; rotating coil causes sliding arm to short out desired number of turns; rotated by knob mtd on shaft at front; 2 mtg bkt, 1 at front and 1 at back w/2 holes 3/16" diam in ea, holes on 4 1/2" x 10 5/16" mtg/o; 2 term on front; c/o coil CAY #T-7603309-C3, knife sw #7708170-G1, spur gear CCB catalog B24S (24 teeth), spur gear CCB catalog B24S (42 teeth); same as Navy Type 47451 except for shaft length. |                     |        | 16-T-43276-1076        |                 |                |                       | CAY  | S-867084                   | CAY        | T-7609877-2 rev2<br>T-7606583<br>7409127-3<br>T-7609876-1 rev5<br>P-7704122-2 rev5 | TBK-9<br>TBK-12<br>TBK-16                                |
| -47482                | COIL, RF: 11/9/44<br>ant tuning inductance; single wnd, space wnd; unshielded; rated 22 microhenries at 2000 to 18,000 kc and 20 amp RF, 0.005 ohms DC resistance, c/o 14 turns 3/16" x 5/16" copper bar wire; approx 8 1/4" h x 7 3/4" wd x 10 5/8" lg o/a; air core; tuned by sliding arm w/knob on front; mts by bkt on base with four holes on 10 5/16" x 4 1/2" mtg/o; two screw type term; same as NT-47451 except for shaft length.   |                     |        | 16-C-76634-8547        | N16-T-18536-100 |                |                       | CAY  | S-867083                   | CAY        | M-7409127-1 rev4<br>T-7609877 rev 2<br>T-7609876-1 rev9<br>P-7704122-2 rev5        | TBK-9<br>TBK-12<br>TBK-16                                |
| -47483                | COIL, RF: 11/15/44<br>CANCELLED: never used.   |                     |        |                        |                 |                |                       | CAY  |                            | CAY        | P-7708461-1 rev0   | TBW  |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-105

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SHEET 47-106

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO             | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|---|-------------------|
| -47484                | COIL, RF: 11/15/44<br>RF choke; single wnd, basket wnd; unshielded; 5.4 millihenries, DC resistance 11.8 ohms, 500 turns #28 D, S wire, 250 ma; 3/8" lg x 1 7/8" OD; plastic form, air core; mts by hole through ctr of form; 2 lead wire term.  |                     |        | 16-C-74911-2743        | N16-C-13173    |                |                       | CAY  | L-303471                   | CAY        | M-7405019-1 sub 15                      | TBW               |
| -47485                | COIL, RF: 11/15/44<br>RF coil; single wnd, single layer wnd centrally spaced; unshielded; rated 74.6 microhenrys at 1500 kc, 3 amps DC, 0.182 ohms DC resistance c/o 43 turns #18 DC copper wire tapped at 3, 7, 13, 24 turns from start to end, 3 amp DC; 3 27/32" lg x 2" OD o/a excluding term and mtg bkt; ceramic form, air core; two mtg bkts w/mtg holes 1 3/8" c to c on end of form; two solder lug, one at ea end of coil, four wire lead terms at taps; varnish impr.   |                     |        | 16-C-73650-8345        |                |                |                       | CAY  | P-7708631-1                | CAY        | P-7708631-1 sub6                        | TDE thru TDE-3    |
| -47486                | TRANSFORMER, variable RF: 11/16/44<br>variometer; four wnd, two stator and two rotor wnd; shielded in rectangular metal can; stator wnd #1 c/o 106 turns #38E Litz wire, tapped at 12, 20, 30, 41, 53, 64, 75, 87, 102 turns, stator wnd #2 c/o 6 turns #38E Litz wire, rotor wnd #1 c/o 16 turns E wire, rotor wnd #2 c/o 6 1/2 turns E wire, 0.396 ohms DC resistance; approx 14 3/64"lg x 14 7/16" wd x 10 1/16" h o/a; ceramic form air core; adj coupling tuned by knob on rotary switch; self mtg; two screw term on rotor, four wire lead term on stator and taps from stator are connected to term on rotary switch; wax impr. |                     |        | 17-T-84172-8321        | N16-T-18589    |                |                       | CAY  | 7608543-1                  | CAY        | 7608543-1 rev6                          | TDE thru TDE-3    |
| -47487                | COIL, RF: 11/23/44<br>retardation coil; single sect, duolateral wnd; unshielded; rated 913 microhenrys max and 887 microhenrys min at 150 kc, 14 ohms DC resistance, c/o approx 230 turns of #34 EC wire; 1 9/32" lg x 1 7/16" OD o/a incl term; ceramic form, air core; mts by 0.138 RH screw through ctr of form; two solder lug term on top; varnish impr.  |                     |        | 16-C-74281-2626        |                |                | 3C1987-63             | CW   | KS-8663                    | CW         | ES0-637058 1003<br>KS-8663 appl<br>1001 | AN/TPS-1B         |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |   |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-106

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SHEET 47-107

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO    | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR                       | CONTRACTOR'S DWG OR PART NO                            | EQUIPMENT USED IN   |
|-----------------------|---|---------------------|--------|------------------------|-----------------|----------------|--------------------------|-----|----------------------------|----------------------------------|--|---|
| -47488                | TRANSFORMER, RF: 11/23/44<br>retardation coil; two wnd, dwolateral wnd; unshielded; ea wnd rated 5.025 millihenrys max, 4.975 millihenrys min at 1.8 kc, 76 ohms DC resistance, c/o 510 turns #38 E copper wire; 1 1/4" lg x 1 7/16" OD o/a incl term; ceramic form, air core; mts by #6-32 screw through ctr of form at bottom; four solder lug term on top; varnish impr, moisture proof. |                     |        | 16-C-75937-2286        |                 |                | 30303-91                 | CW  | D-170179                   | CW                               | B-104729 1ss1  | AN/TPS-1B   |
| -47489                | COIL, RF: 11/24/44<br>RF choke; single wnd, single layer wnd; unshielded; rated 5.4 microhenrys at 1.5 to 2.5 mc, 15 amps, 25 mmf, c/o 560 turns #28 E wire, CT; approx 10 1/2" x 1 1/4" OD o/a excluding term; pyrex tube; mtd by three solder lug term, one at ea end, one at ctr of coil.  |                     |        | 16-C-73003-9676        | N16-C-13173-100 |                | 30323-8P                 | CYV | FW16-4                     | CYV                              | 15A-B-4-10 1ss3  | TEB<br>TEC  |
| -47490                | COIL, RF: 11/24/44<br>RF choke; single wnd, single layer wnd; unshielded; rated 590 microhenrys at 1.5 to 2.5 mc, 6 amp, 14 mmf, c/o 174 turns #20 EC wire, CT, spaced by #6 waxed cord; approx 16" lg x 1" OD o/a excluding term; pyrex tube; mtd by three solder lug term, one at ea end, one at ctr of coil.   |                     |        | 16-C-74202-9830        |                 |                | 30323-8P,1               | CYV | FW16-6C                    | CYV                              | 15A-B-4-9 1ss3   | TEB<br>TEC  |
| -47491                | COIL, RF: 11/24/44<br>RF choke; single wnd, single layer wnd; unshielded; rated 35 microhenrys at 1.5 mc to 2.5 mc, 8 amps, 6 mmf, c/o 87 turns #20 EC wire spaced by #6 waxed cord; approx 8 1/2" lg x 1" OD o/a excluding term; pyrex tube; mtd by one solder lug term at ea end.   |                     |        | 16-C-73459-8912        |                 |                | 30323-8C                 | CYV | FW16-5                     | CYV                              | 15A-B-4-1 1ss3   | TEB<br>TEC(3)   |
| -47492                | COIL, RF: 11/24/44<br>RF choke; single wnd, four pie universal wnd; unshielded; rated 2.5 millihenrys at 125 mc, 50 ohms DC resistance; 2 3/4" lg x 1 1/2" diam o/a excluding leads; steatite form; mts to chassis on stand off ins w/#6-32 thd x 1/4" d tappe hole; two wire lead 2 1/4" lg on coil; same as WF-47122 except has standoff insulator on one end.                            |                     |        | 16-C-74732-6927        | N16-C-13158-7   |                | 30326-100<br>30326-100.1 | CNA | R-1000                     | CAPI<br>CYV<br>CML<br>CKV<br>CRV | 3-D-7<br>16-1<br>19926<br>A-63201-1<br>K-862943-1 sub1 | TEB<br>LS (6)<br>LS-1 (7)<br>MM<br>TEC (2)<br>TDT (2)<br>TS-186/UP<br>(6) |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-107

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SHEET 47-108

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN       |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------------|
| -47493                | CO L, RF: 11/29/44<br>RF choke; single wnd, duclateral wnd; unshielded; rated 15 millihenrys p/m 3%, 80 ohms DC resistance, c/o 940 turns #36 ES wire; 5/8" lg x 1 1/8" OD, o/a excluding term; phenolic form 19/32" lg x 7/16" OD; has #6-32 hole through ctr of core for mtg; two solder lug term on top of coil; treated to withstand 100 hr salt spray test.      |                     |        | 16-C-73210-6892        | N16-N-493-20   |                |                       | CASB | 915                        | CKB        | 36-A5619-1 revB             | AN/APA-17A              |
| -47494                | COIL, RF: 11/29/44<br>RF choke; single wnd, duclateral wnd; unshielded; rated 5 millihenrys p/m 3%, 40 ohms DC resistance, c/o 555 turns #36 ES wire; 5/8" lg x 1 1/8" OD o/a excluding term; phenolic form 19/32" lg x 7/16" OD; has #6-32 hole through ctr of core for mtg; two solder term on top of coil; treated to withstand 100 hr salt spray test.            |                     |        | 16-C-74867-5105        |                |                |                       | CASB | 905                        | CKB        | 36-A5620-1 revB             | AN/APA-17A              |
| -47495                | CO , RF: 11/29/44<br>RF choke; single wnd, six pie universal wnd; unshielded; rated 2.5 millihenrys p/m 3%, 0.2 amp, 8.5 ohms DC resistance. c/o 626 turns #28 DS wire: 2 1/8" lg x 1 1/8" OD o/a excluding leads; unglazed steatite form 2 1/8" lg x 1/2" OD; mts by two wire lead term, one at ea end of coil; vacuum impr.   |                     |        | 16-C-74721-8964        |                |                |                       | CASB | 902                        | CKB        | 36-5A606-1 revC             | AN/APA-17A              |
| -47496                | COIL, RF: 12/2/44<br>RF coil; single wnd, single layer wnd; unshielded; rated 21 microhenrys at 3000 kc, 0.099 ohms DC resistance, c/o 27 turns #16 tinned wire tapped at 2, 10, 15, 18, 21 turns from finish end; approx 3 3/4" lg x 2" OD o/a excluding term and mtg bkt; moldarta form, air core; two mtg bkt w/holes approx 1 5/8" c to c; seven solder lug term. |                     |        | 16-C-73322-3822        |                |                |                       | CAY  |                            | CAY        | P-7767847-3 sub5            | TBW-3<br>TBW-4<br>TBW-5 |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                         |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                         |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                         |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

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SHEET 47-109

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO        | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|------------------------------------|-------------------|
| -47497                | COIL, RF: 12/2/44<br>RF coil; single wnd, single layer wnd; unshielded; rated 22 microhenrys at 3000 kc, 0.0575 ohms DC resistance, 500v to gnd, c/o 28 turns #16 tinned wire tapped at 1, 12, 19, 23, 25 turns from start end; approx 3 3/4" lg x 2" OD o/a excluding term and mtg bkt; moldarta form, air core; mtd by two bkt w/holes approx 1 5/8" c to c; seven solder lug term.  |                     |        | 16-C-73334-3832        |                |                |                       | CAY |                            | CAY        | P-7707847-4 sub5                   | TBW-2             |
| -47498                | COIL, RF: 12/2/44<br>RF coil; single wnd, single layer wnd; unshielded; rated 22 microhenrys at 3000 kc, 0.0575 ohms DC resistance, 500v to gnd, c/o 27 turns #16 tinned wire tapped at 3, 6, 11, 22 turns from finish end, turns centrally spaced; approx 3 3/4" lg x 2" OD o/a excluding term and mtg bkt; ceramic form, air core; mtd by two bkt w/holes approx 1 5/8" c to c; six solder lug term.   |                     |        | 16-C-73334-3827        |                |                |                       | CAY |                            | CAY        | M-7407297-2 sub5                   | TBW               |
| -47499                | COIL, RF: 12/6/44<br>RF coil; single wnd, single layer wnd; unshielded; rated 21 microhenrys at 3,000 kc, 0.0598 ohms DC resistance, c/o 27 turns #16 tinned wire tapped at 6, 11, 23 turns from start end, turns centrally spaced; approx 3 3/4" lg x 2" OD o/a excluding term and mtg bkt; isolantite form, air core; mtd by two bkt w/holes approx 1 5/8" c to c; five solder lug term.   |                     |        | 16-C-73322-3827        |                |                |                       | CAY |                            | CAY        | M-7407297-1 sub7                   | TBW               |
| -47500                | COIL, RF: 12/7/44<br><del>CANCELLED:</del><br>single wnd, single layer wnd, spiral wnd; unshielded; rated 30 microhenrys at 3,000 kc, coil c/o 26 turns of #12 solid silver wire, full hard, 0.034 ohms DC resistance; 5 11/16" lg x 4 9/16" wd x 2 1/2" h, o/a excluding term and mtg bkt; air core, ceramic form; has sliding cont on spiral wnd form; four 0.18" diam holes on 6 9/16" lg x 2" wd mtg/c; two solder lug term, one ea on top and bottom. |                     |        |                        |                |                |                       | CAY | T-7606012-2                | CAY<br>CAY | T-7606012-2rev19<br>T-7608084 rev0 | TBW               |

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NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-109

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SHEET 47-110

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MEGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO          | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|--------------------------------------|-------------------|
| -47501                | COIL, RF: 12/7/44<br>CANCELLED:<br>single wnd, single layer wnd, spiral wnd; unshielded; rated 30 microhenrys at 3,000 kc, coil c/o 26 turns #12 solid silver wire, full hard, 0.034 ohms DC resistance; 5 11/16" lg x 4 9/16" wd x 2 1/2" h o/a excluding term and mtg bkt; air core, ceramic form; has sliding cont on spiral wnd form; four 0.18" diam holes on 6 9/16" x 2" mtg/c; two solder lug term, one ea on top and bottom, incl coupling device on shaft of rotor; same as NT-47500 except not mechanically interchangeable. |                     |        |                        |                |                |                       | CAY        | T-7606012-1                | CAY        | T-7606012-1rev19<br>T-7608004 rev0   | TBW               |
| -47502                | COIL, RF: 12/7/44<br>RF coupler tuning; single wnd, single layer wnd; unshielded; c/o 31 turns #20 DC wire tapped 2 1/2 turns from end; 2 3/8" lg x 1 1/4" OD o/a excluding term; ceramic form, air core; ext tuning capacitor used; two mtg holes for #6 screw 2" c to c; three solder lug term, two on top and one on bottom.   |                     |        | 16-C-72479-1912        | N16-C-14394-9  |                | 206892/2              | CIV<br>CNA | 15-64<br>XR-16             | CIV        | 15A-B-2-1 1001                       | TEB<br>TEC (2)    |
| -47503                | COIL, RF: 12/7/44<br>RF coil; single wnd, single layer wnd, CT; unshielded; rated 15.6 microhenrys p/m 10% at 2,000 kc, Q is 233 p/m 30, coil c/o 21 turns #14 tinned wire spaced 1/8" apart; 5" lg x 2 1/2" OD o/a excluding term; ceramic form, air core; two 1/8" diam mtg holes 1/4" c to c; three solder term, two on top and one on bottom.   |                     |        | 16-C-73230-1858        | N16-C-14394-7  |                |                       | CIV<br>CNA | 15-90<br>XR-10A            | CIV        | 15A-B-2-3 1001                       | TEB<br>TEC        |
| -47504                | COIL, RF: 12/8/44<br>RF choke; single wnd, single layer wnd; unshielded; rated 800 microhenrys, 500v, coil c/o 75 turns #24KDC wire, 1.03 ohms DC resistance; 3 1/2" lg x 1 3/4" OD o/a; mica form, air core; two 0.180" diam mtg holes 3" c to c; two solder lug term, one at ea end; varnish impr.  |                     |        | 16-C-74267-1834        | N16-C-13297    |                |                       | CAY        | M-7407291-1                | CAY        | M-7407292-1 rev0<br>M-7407291-1 rev3 | TBW               |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                                      |                   |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                                      |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-110

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SHEET 47-111

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR | MANUFAC URER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO | EQUIPMENT USED IN                    |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|----------------------------|--------------------------------------|
| -47505                | <p>ANTENNA LOADING COIL: 12/9/44</p> <p>ant loading coil; c/o two inductance sect within casing; first sect for 200 kc to 575 kc, second sect for 575 kc to 1,500 kc, series element is coil and 480 to 380 microhenrys variometer, shunt element is 0.0007 mfd capacitor, RF ammeter in series w/shunt element; temp limits minus 40°C to plus 50°C; 19 3/4" lg x 18 5/8" wd x 15 1/2" h o/a; eight rubber shock-mounts, four ea on bottom and back, back mtg/c are 15 3/4" lg x 1 3/4" wd, bottom mtg/c are 14 3/4" lg x 9 1/2" wd; incl a static drain choke connected from ant term to gnd, and ant transfer relay w/28v coil, has Navy nameplate.</p> |                     |        | 16-T-98018-8750        |                |                |                       | COL  | 180H-4                     | COL        | 502 1715 005               | TCZ-1<br>TCZ-2                       |
| -47506                | <p>COIL, RF: 12/11/44</p> <p>single wnd, universal wnd; shielded in metal can; rated 110 microhenrys, c/o 4,000 turns #36ES wire, tapped at 100 turns; AC resistance, 180 ohms in air, 120 ohms when shielded; 1 1/4" lg x 1" OD o/a; bakelite core w/paper on form; has tap for mtg screw at one end of form; has three wire term from coil.</p>  |                     |        | 16-C-73197-3470        | 116-0-14578    |                |                       | CBM  | 734-244                    | CBM        | 734-244 a1to               | NJ-3<br>NJ-4 (2)<br>NJ-7 (2)<br>NJ-9 |
| -47507                | <p>COIL, RF: 12/11/44</p> <p>RF cont; single wnd, six pie universal wnd; shielded in rectangular aluminum can; rated 575 to 880 millihenrys at 1,000 cyc, 600 ma, 900 ohms DC resistance, c/o 7,500 turns #38 wire, tapped at 4,400 turns; 3 7/16" lg x 2" wd x 1 1/2" h o/a excluding term and mtg studs; bakelite form; adj powdered iron core w/scdr adj through bottom of can; mts by two 9/32" lg x #4-40 thd studs 1 3/16" c to c (diagonally); six solder lug term on bottom, only term #1, #3, and #4 are active; wax impr, tropicalized.</p>  |                     |        | 16-C-76864-1682        |                |                | 3C1084N-3             | CAI  |                            | CDL        | B-13B-6293 revA            | TS-28/UPN(2)                         |
| -47508                | <p>COIL, RF: 12/13/44</p> <p>RF choke; single wnd, four pie wnd; unshielded; rated 5.5 millihenrys p/m 10% at 1,000 cyc, 100 ma, 10w, 60 ohms DC resistance, c/o 1,056 turns #38ES wire, 264 turns to ea pie; 2" lg x 1 1/2" OD o/a-excluding term; ceramic form, air core; mtd by two bkt to term board; two solder eyelets on term board.</p>  |                     |        | 16-C-74934-6642        |                |                |                       | CAY  | 12731                      | CAY        | K-7808974 rev7             | TBW-3 thru<br>TBW-5                  |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                            |                                      |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                            |                                      |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-111

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SHEET 47-112

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR                      | CONTRACTOR'S DWG OR PART NO   | EQUIPMENT USED IN   |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|---------------------------------|---|---|
| -47509                | COIL, RF: 12/13/44<br>RF choke; single wnd, four pie wnd; unshielded; rated 2.25 millihenrys p/m 10% at 1,000 kc, 125 ma, 10w, 39 ohms DC resistance, 904 turns #28ES wire, 226 turns to ea pie; 2" lg x 1/2" OD o/a excluding term; ceramic form, air core; mtd by two bkt to term board; two solder eyelets on term board.   |                     |        | 16-C-74605-8867        |                |                |                       | CAY        | K-7808974                  | CAY                             | K-7808974 rev7  | TBW-1 thru TBW-5  |
| -47510                | COIL, RF: 12/15/44<br>single wnd, single layer wnd; unshielded; rated 20 microhenrys at 1,000 to 2,000 kc, 0.1 amp, 0.006 ohms DC resistance, 1,000v DC to gnd, 15 turns of 1/2" x 1/16" trip copper wire tapped at 8 1/3, 9 1/2, 10 1/4, 11 1/16, 12 1/3, 14 1/2 turns; 5 1/8" lg x 5 5/8" OD o/a; air wnd, air core; mts by four bkt on 9 3/8" x 5 5/8" mtg/c; six solder lug term on side of coil and one term ea on top and bottom.  |                     |        | 16-C-73305-2351        |                |                |                       | CAY        | K-7810311-1                | CAY<br>CAY                      | K-7810311-1rev11<br>M-7406185-rev4                                      | TBK-9   |
| -47511                | COIL, RF: 12/18/44<br>RF choke; single wnd, duolateral wnd; unshielded; rated 17.4 microhenrys p/m 5%, 1.16 ohms DC resistance, self resonant at 30 mc, 50 turns #34ES copper wire; 5/8" lg x 1/2" OD o/a excluding term; phenolic dummy resistor form; coil form 3/16" diam x 5/8" lg; two #20 tinned copper leads term for mtg; tropicalized, treated against humidity.<br>NOTE: SO-12M (12); SO-12W (12); SO-13; SU-1 (3); SU (3).  |                     |        | 16-C-73259-9377        | RL6-N-470-200  |                | 321891-44.2           | CFW<br>CFW | 13087<br>12736             | CBM<br>CBM<br>CRP<br>CRP<br>CAY | 973-356<br>1000A-1117 alto<br>92-5105 rev0<br>92-5097<br>M-7421110 sub1 | SO-7M (14)<br>SO-7N (14)<br>SO (5)<br>SO-a (5)<br>SO-1 (10)<br>SO-2 (10)<br>SO-4 (3)<br>SO-9 (10)<br>SEE NOTE |
| -47512                | COIL, RF: 12/17/44<br>single wnd, six pie universal wnd; shielded in aluminum can; rated 575 to 880 millihenrys at 1 kc, c/o 7,500 turns #38 wire, tapped at 4,400 turns; 3 7/16" lg x 2" wd x 1 1/2" h o/a excluding term and mtg studs; bakelite form; adj powdered iron core w/scrdr adj through top of can; mts by two 9/32" lg x #4-40 thd studs 1 3/16" c to c (diagonally); six solder lug term on bottom; wax impr, fungus proof, incl two fixed capacitors enclosed in can. |                     |        | 16-C-76864-1697        |                |                |                       | CAI        |                            | CDL                             | B-13H-6925 rev0   | TS-28/UPN   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
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SHEET 47-112

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SHEET 47-113

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -47513                | COIL, RF: 12/17/44<br>single wnd, universal wnd; shielded in aluminum can; rated 27 mmf, Q in can is 60, 500 kc, 350 turns #3-41 wire tapped at 175 turns; 2 5/8" lg x 1 3/8" wd x 1 3/8" h o/a; bakelite form; adj powdered iron core w/scdr adj through top of can; two 9/32" lg x #4-40 thd studs 1.312" c to c (diagonally); six solder lug term on bottom, only term #1, #4, and #5 are active; wax impr, fungusproof, incl fixed resistor rated 3,900 ohms and capacitor rated 15 mmf in can.   |                     |        | 16-C-76751-1917        |                |                | 30323-48              | CAI |                            | CDL        | B-13D-6295 rev0             | TS-28/UPN         |
| -47514                | COIL, RF: 12/17/44<br>single wnd, two pie universal wnd; shielded in aluminum can; rated 47.5 mmf, Q in can is 50, 100 kc, c/o 800 turns #3-41 wire tapped at 400 turns; 2 5/8" lg x 1 3/8" wd x 1 3/8" h o/a excluding term and mtg studs; bakelite form; adj powdered iron core w/scdr adj through bottom of can; two 9/32" lg x #4-40 thd studs 1.312" c to c (diagonally); six solder lug term on bottom #1, #4, and #5 being used; wax impr, fungus proof, incl fixed capacitor rated 450 mmf and resistor rated 4,750 ohms, 1/2w in can.    |                     |        | 16-C-76758-3023        |                |                | 3C1084N-4             | CAI |                            | CDL        | B-13D-6294 rev0             | TS-28/UPN         |
| -47515                | COIL, RF: 12/17/44<br>single wnd, two pie universal wnd; shielded in aluminum can; rated 800 mmf, Q in can is 40, 40 kc, c/o 1,400 turns of #3-41 wire tapped at 700 turns; 2 5/8" lg x 1 3/8" wd x 1 3/8" h o/a excluding term and mtg studs; bakelite form; adj powdered iron core w/scdr adj through bottom of can; two 9/32" lg x #4-40 thd studs 1.312" c to c (diagonally); six solder lug term on bottom, #1, #4 and #5 being used; wax impr, fungus proof, incl fixed capacitor rated 850 mmf and resistor rated 4,750 ohms, 1/2w in can. |                     |        | 16-C-76778-6909        |                |                | 3C1084N-5             | CAI |                            | CDL        | B-13D-6296 rev0             | TS-28/UPN         |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

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SHEET 47-114

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO            | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|--|-------------------|
| -47516                | RF TRANSFORMER ASSEMBLY: 12/20/44<br>peak freq 500 kc; interstage; shielded in rectangular zinc can; 4" lg x 2" wd x 1 1/2" d o/a excluding term and mtg studs; bakelite form, air core; tuned pri and sec; var air capacitor tuning; 2 mtg studs 1" c to c; 4 solder lug term on bottom of can; has 2 sedr adj at top of can, incl 3 fixed capacitors, 1 ea across pri and sec and 1 between pri and sec, 1 side of sec gnd, same as Navy Type 47708 except int connections to GR and G are reversed. |                     |        | 17-T-67651-6261        |                |                |                       | CFW  | 13279                      | CFW        | 13279 rev B                            | DAS-c<br>DAS-2b   |
| -47517                | TRANSFORMER, IF: 12/21/44<br>peak freq 140 kc; unshielded; 2.63" lg x 3/8" diam o/a; air core, micarta form; three wnd, inductance pri 3600 microhenry, DC resistance 23.1 ohms, 965 1/2 turns #34 SE wire, sec 4995 microhenry, 28.1 ohms DC resistance, 650 turns #34 SE wire tapped at 460 turns, ter 31.5 microhenry, 2.9 ohms DC resistance, 29 1/2 turns #36 SE wire; one #6-32 tapped hole in ex end for mtg; seven wire lead term; vacuum impr.  |                     |        |                        |                |                |                       | CAT  | T-7607404-18               | CAT<br>CAT | 7608014-P333<br>T-7607404-18<br>rev 19 | RBM thru<br>RBM-5 |
| -47518                | COIL, RF: 12/21/44<br>osc coil band #2; single wnd, universal wnd, tapped; unshielded; rated 305 microhenry, 12.8 ohms DC resistance, 3.5 to 6.5 mc, c/o 147 1/2 turns #36 ES wire tapped at 23 1/2 and 38 turns; 1 5/8" lg x 27/32 OD o/a; micarta form, air core; mts by screw at one end of form; four solder lug term on outside of form.  |                     |        | 16-C-74053-5501        |                |                |                       | CAT  | T-7607404-14               | CAT<br>CAT | 7608014-331<br>T-7607404-14<br>rev 19  | RBM thru<br>RBM-5 |
| -47519                | COILV RF: 12/21/44<br>osc coil band #3; single wnd, universal wnd; unshielded; rated 142 microhenry, 7.1 ohms DC resistance, 6.5 to 11.4 mc, c/o 85 1/2 turns #36 ES wire tapped at 13 1/2 and 28 turns; 1 5/8" lg x 5/8" OD o/a; micarta form, air core; mts by screw at one end of form; four solder lug term on outside of form.  |                     |        | 16-C-73861-2801        |                |                |                       | CAT  | T-7607404-15               | CAT<br>CAT | 7608014-330<br>T-7607404-15<br>rev 19  | RBM thru<br>RBM-5 |
| -47520                | COIL, RF: 12/21/44<br>osc coil band #1; single wnd universal wnd, tapped; unshielded; rated 735 microhenry, 20.4 ohms DC resistance, 2 to 3.6 mc, 255.5 turns #36 ES wire tapped at 20 1/2 and 100 turns; 1 5/8" lg x 5/8" OD o/a; micarta form, air core; mts by screw at one end of form; four solder lug term on outside of form.   |                     |        | 16-C-75751-7637        |                |                |                       | CAT  | T-7607404-13               | CAT<br>CAT | 7608014-332<br>T-7607404-13<br>rev 19  | RBM thru<br>RBM-5 |

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SHEET 47-115

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -47521                | COIL, RF: 12/19/44<br>used in first RF amplr; plug in type coil; single wnd, single layer close wnd; unshielded; freq range 1.7 to 2.6 mc, c/o 60 turns #20E wire; 2 7/8" lg x 1 3/4" OD o/a excluding term; air core; mts by five prong type term at base.                            |                     |        | 16-C-72798-6331        |                |                |                       | CASM | C-15125-101                | CASM       | C-15125-101 sub0            | TDU-a             |
| -47522                | COIL, RF: 12/19/44<br>used in first RF amplr; plug-in coil; single wnd, single layer close wnd, CT; unshielded; freq range 2.6 to 4 mc, 34 turns #18 E wire; 2 7/8" lg x 1 3/4" OD o/a excluding term; air core; coil form 2 1/2" lg x 1 1/2" OD; mtd by five prong type term on base. |                     |        | 16-C-72503-9209        |                |                |                       | CASM | C-15125-102                | CASM       | C-15125-102 sub0            | TDU-a             |
| -47523                | COIL, RF: 12/19/44<br>used in first RF amplr; plug in coil; single wnd, single layer close wnd; unshielded; freq range 4 to 6.8 mc, c/o 20 turns #16 E wire; 2 7/8" lg x 1 3/4" OD, o/a excluding term; air core; mts by five prong type term at base.                                 |                     |        | 16-C-72296-4411        |                |                |                       | CASM | C-15125-103                | CASM       | C-15125-103 sub0            | TDU-a             |
| -47524                | COIL, RF: 12/19/44<br>used in first RF amplr; plug in coil; single wnd, single layer space wnd; unshielded; freq range 6.8 to 9.5 mc, c/o 14 turns #16 wire; 2 7/8" lg x 1 3/4" OD, o/a excluding term; air core; mts by five prong type term at base.                                 |                     |        | 16-C-72172-4313        |                |                |                       | CASM | C-15125-104                | CASM       | C-15125-104 sub0            | TDU-a             |
| -47525                | COIL, RF: 12/19/44<br>used in first RF amplr; plug in coil; single wnd, single layer space wnd; unshielded; freq range 9.5 to 14.5 mc, c/o 9 turns #11 wire; 2 7/8" lg x 1 3/4" OD, o/a excluding term; air core; mts by five prong type term at base.                                 |                     |        | 16-C-71993-8429        |                |                |                       | CASM | C-15125-105                | CASM       | C-15125-105 sub0            | TDU-a             |
| -47526                | COIL, RF: 12/19/44<br>plug-in coil; single wnd, single layer space wnd; unshielded; freq range 14.5 to 22 mc, 5 turns #11 wire; 2 7/8" lg x 1 3/4" OD o/a excluding term; air core; coil form 2 1/2" lg x 1 1/2" OD; mts by five prong type term on base.                              |                     |        | 16-C-71813-9281        |                |                |                       | CASM | C-15125-106                | CASM       | C-15125-106 sub0            | TDU-a             |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -47527                | COIL, RF: 12/19/44<br>used in second RF amplr; single wnd, single layer wnd; unshielded; freq range 2.6 to 3.7 mc, c/o 46 turns #12 copper wire tapped at 2 3/4 turns from left, 2 3/4, 23 turns from right; 7" lg x 3" OD o/a excluding term; air core; mts by three prong type term at base.               |                     |        | 16-C-72646-9849        |                |                |                       | CASM | C-15110-101                | CASM       | C-15110-101 sub1            | TDU-a             |
| -47528                | COIL, RF: 12/19/44<br>used in second RF amplr; single wnd, single layer wnd; unshielded; freq range 2 to 2.6 mc, c/o 46 turns #12 copper wire tapped at 11 3/4 turns from left, 11 3/4, 23 turns from right; 7" lg x 3" OD o/a excluding term; air core; mts by three prong type term at base.               |                     |        | 16-C-72646-9839        |                |                |                       | CASM | C-15110-102                | CASM       | C-15110-102 sub1            | TDU-a             |
| -47529                | COIL, RF: 12/19/44<br>used in second RF amplr; single wnd, single layer wnd; unshielded; freq range 3.7 to 5 mc, c/o 33 turns #12 copper wire tapped at 2 1/2, 16 1/4 turns from right, 2 1/2 turns from left; 7" lg x 1 3/4" OD o/a excluding term; air core; mts by three prong type term at base.         |                     |        | 16-C-72492-9353        |                |                |                       | CASM | C-15108-101                | CASM       | C-15108-101 sub0            | TDU-a             |
| -47530                | COIL, RF: 12/19/44<br>used in second RF amplr; single wnd, single layer wnd; unshielded; freq range 5 to 7.3 mc, c/o 18 turns #8 copper wire tapped at 3 3/4, 9 turns from right, 3 3/4 turns from left; 7" lg x 3" OD o/a excluding term; air core; mts by three prong type term at base.                   |                     |        | 16-C-72254-8543        |                |                |                       | CASM | C-15106-101                | CASM       | C-15106-101 sub1            | TDU-a             |
| -47531                | COIL, RF: 12/19/44<br>used in second RF amplr; single wnd, single layer wnd; unshielded; freq range 7.3 to 11 mc, c/o 10 turns of 1/4" copper tubing tapped at 5 turns; 8" lg x 2 7/8" wd x 4 3/8" h less term; air wnd, air core; 5 5/8" lg x 2 7/8" OD; mts by three prong type term at base 3 1/8" apart. |                     |        | 16-C-72051-6776        |                |                |                       | CASM | C-15105-101                | CASM       | C-15105-101 sub0            | TDU-a             |
| -47532                | COIL, RF: 12/19/44<br>used in second RF amplr; single wnd, single layer wnd; unshielded; freq range 11 to 15 mc, c/o 6 turns of 1/4" copper tubing tapped at 3 turns; 8" lg x 2 7/8" wd x 4 3/8" h less term; air wnd, air core; 5 5/8" lg x 2 7/8" OD; mts by three prong type term at base.                |                     |        | 16-C-71877-6619        |                |                |                       | CASM | C-15104-101                | CASM       | C-15104-101 sub0            | TDU-a             |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -47533                | COIL, RF: 12/19/44<br>used in second RF amplr; single wnd, single layer wnd; unshielded; freq range 15 to 22 mc, c/o 2 turns of 1/2" copper tubing, CT; 8" lg x 4" wd x 5 1/2" h less term; air wnd, air core; 1 7/16" x 4" OD; mts by three prong type term at base 3 1/8" apart c to c.  |                     |        | 16-C-71671-7571        |                |                |                       | CASM | C-15103-101                | CASM       | C-15103-101 sub0            | TDU-a             |
| -47534                | COIL, RF: 12/19/44<br>plate choke; single wnd, single layer wnd; unshielded; freq range 2 to 18 mc, c/o 64 turns #16 DC copper wire tapped at 35 1/16, 44 15/16 turns, 75 microhenrys at 1.7 mc, 0.27 ohms DC; 5 3/4" lg x 4" h less term; steatite ceramic form, air core; mts by two prong type term at base; varnish impr.  |                     |        | 16-C-73664-5602        |                |                |                       | CASM | C-15101-101                | CASM       | C-15101-101 sub0            | TDU-a             |
| -47535                | COIL, RF: 12/19/44<br>RF plate choke; single wnd, single layer wnd; unshielded; freq range 18 to 22 mc c/o 8 turns 1/4" copper tubing; 5 3/4" lg x 2 1/2" wd x 4 29/32" h o/a; air wnd, air core; mts by two prong type term on base 4 1/16" c to c.   |                     |        | 16-C-71959-3071        |                |                |                       | CASM | C-15101-102                | CASM       | C-15101-102 sub0            | TDU-a             |
| -47536                | COIL, RF: 12/21/44<br>RF choke used in osc band #4; one wnd, solenoid wnd; unshielded; rated 64 microhenrys, c/o 90.5 turns #36 E wire, tapped at 18.5 and 35 turns from start, DC resistance 6.7 ohms, freq range 11.4 to 20 mc; 1 5/8" lg x 5/8" OD o/a; micarta form, air core; no integral mtg provisions supplied; four solder lug term on coil form.   |                     |        | 16-C-73617-7607        |                |                |                       | CAY  | 7607404-16                 | CAY        | T-7607404-16 rev19          | RBM thru RBM-5    |
| -47537                | TRANSFORMER, IF: 12/22/44<br>peak freq 140 kc; unshielded; 1 5/8" lg x 2 1/8" diam o/a; air core, micarta form; three wnd, inductance pri 5254 microhenrys, DC resistance 28.6 ohms, 670 turns #34 SE wire tapped at 335 turns, secd 6107 microhenrys, 29 ohms DC resistance, ter 3.2 ohms DC resistance, 28 1/2 turns #36 SE wire; one #6-32 thd hole in ea end for mtg; eight wire lead term; vacuum impr. |                     |        |                        |                |                |                       | CAY  | 7607404                    | CAY        | T-7607404-19 rev 19         | RBM thru RBM-5    |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

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NAVSHIPS 900,109(A)  
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SHEET 47-118

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN          |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|----------------------------|
| -47538                | TRANSFORMER, RF; 12/22/44<br>peak freq 140 kc; unshielded; 2.63" lg x 3/8" diam<br>o/s; air core, micarta form; two wnd, pri inductance<br>4750 microhenries, 28.3 ohms DC resistance, 645 1/2<br>turns #34 SE wire tapped at 130 turns, secd 5034<br>microhenries, 660 turns #34 SE wire; mte by tapped<br>hole in form; five wire lead term.   |                     |        |                        |                |                |                       | CAY | 7607404-20                 | CAY        | 7607404-20<br>rev 19        | RBM<br>RBM-1 thru<br>RBM-5 |
| -47539                | TRANSFORMER, RF; 12/22/44<br>ant transf used in band #2; 2 wnd, universal wnd; un-<br>shielded; pri wnd rated 0.387 millihenries, c/o<br>600 1/2 turns #38 E, DS wire, DC resistance 91 ohms,<br>secd wnd rated 1.1117 millihenries, c/o 190 turns<br>#7-41 Litz wire, DC resistance 7.8 ohms; 1 5/8" lg<br>x 7/8" OD, o/s; Micarta form, iron core inserted<br>when installed; 1 5/8" lg x 5/8" OD form; no integral<br>mtg provision supplied; 3 solder lug term on coil<br>form; pri and secd wnd in opposite directions. |                     |        | 17-T-81975-6064        | N16-T-7002-17  |                |                       | CAY | 7607404-2                  | CAY        | T-7607404-2<br>rev 19       | RBM thru<br>RBM-5          |
| -47540                | TRANSFORMER, RF; 12/22/44<br>ant transf used in band #1; 2 wnd, universal wnd; un-<br>shielded; pri wnd rated 36.075 millihenries, c/o 1300<br>turns #38 E, DS wire, secd wnd rated 3.753 millihen-<br>ries, c/o 340 turns #7-41 Litz wire, DC resistance<br>5.9 ohms; 1 5/8" lg x 1 3/16" diam, o/s; iron core<br>inserted when installed; 1 5/8" lg x 5/8" OD form;<br>no integral mtg provisions supplied; 3 solder lug<br>term; pri and secd wnd in opposite directions.   |                     |        | 17-T-81983-4396        | N16-T-7002-18  |                |                       | CAY | 7607404                    | CAY        | 7607404-1 rev 19            | RBM thru<br>RBM-5          |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                            |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                            |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A. S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CON. TRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN      |
|-----------------------|---|---------------------|--------|------------------------|----------------|-----------------|-----------------------|-----|----------------------------|--------------|-----------------------------|------------------------|
| -47541                | TRANSFORMER, RF: 12/22/44<br>ant tranef band #3; 2 wnd, universal wnd; unshielded; pri rated 296 microhenries, 6.5 to 11.4 mc, DC resistance 2.6 ohms, secd rated 3.943 millihenries, DC resistance 54 ohms, pri wnd c/o 390 1/2 turns #38 EDS wire, secd wnd o/o 93 turns #19-44 Litz wire, ratings given w/iron core; 1 5/8" lg x 7/8" diam, o/a excluding term; iron core inserted when installed; 1 5/8" lg x 5/8" OD form; no integral mtg provisions supplied; 3 solder lug term. |                     |        | 17-T-81953-9821        |                |                 |                       | CAY | T-7607404-3                | CAY          | T-7607404-3 rev 19          | RBM (3) thru RBM-5 (3) |
| -47542                | TRANSFORMER, RF: 12/22/44<br>RF tranef used in band #1; 2 wnd, universal wnd; unshielded; pri rated 368.5 microhenries, 200 to 360 kc, c/o 124 2/3 turns #38 ES wire, DC resistance 15.6 ohms, secd wnd rated 3.085 millihenries, 200 to 360 kc, c/o 415 turns #38 ES wire, DC resistance 52 ohms; 1 5/8" lg x 3/4" diam, o/a; micarta form, air core; no integral mtg provisions supplied; 5 solder lug term on coil form, 4 used.   |                     |        | 17-T-81956-1849        | N16-T-7002-19  |                 |                       |     |                            | CAY          | T-7607404-9 rev 19          | RBM thru RBM-5         |
| -47543                | TRANSFORMER, RF: 12/22/44<br>RF tranef used in band #2; 2 wnd, universal wnd; unshielded; pri wnd rated 90 microhenries, 360 to 650 kc, c/o 60 2/3 turns #38 ES wire, DC resistance 7.4 ohms, secd wnd rated 945.5 microhenries, 360 to 650 kc, c/o 205 turns #38 ES wire, DC resistance 25.3 ohms; 1 5/8" lg x 3/4" diam, o/a; micarta form, air core; no integral mtg provisions supplied; 5 solder lug term on form, 4 used.   |                     |        | 17-T-81945-1503        | N16-T-7030     |                 |                       | CAY | T-7607404-10               | CAY          | T-7607404-10 rev 19         | RBM thru RBM-5         |
| -47544                | TRANSFORMER, RF: 12/23/44<br>RF tranef for freq band of 6.5 to 11.4 mc; two wnd, universal wnd; unshielded; inductance: pri 41.7 microhenrys, secd 273.3 microhenrys, DC resistance: pri 4.9 ohms, secd 9.0 ohms, number of turns: pri 39 2/3 turns #38 SE wire, secd 121 turns 3-41 Litz wire; 1 5/8" lg; air core; coil form 1 5/8" lg x 5/8" OD x 1/2" ID; no integral mtg provisions supplied; four solder lug term on periphery of core.   |                     |        | 17-T-81930-6295        |                |                 |                       | CAY | 7607404-11                 | CAY          | T-76074704-11 rev 19        | RBM RBM-1 thru RBM-5   |
|                       |   |                     |        |                        |                |                 |                       |     |                            |              |                             |                        |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN          |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|----------------------------|
| -47545                | RF CHOKER; 12/23/44<br>RF transf for freq band of 200 kc to 360 kc; 2 wnd, universal wnd; unshielded; inductance, pri 377 microhenries, secd 3.120 microhenries, DC resistance, 15.6 ohms, secd 52 ohms, number of turns, pri 124 2/3 turns #38 SE wire, secd 423 turns #38 SE wire tapped at 230 1/2 turns; 1 5/8" lg x 7/8" OD; air core; coil form 1 5/8" lg x 5/8" OD x 1/2" ID; no integral mtg provisions supplied; 5 solder lug term on periphery of form.  |                     |        | 17-T-81956-4483        |                |                |                       | CAY | 7607404-5                  | CAY        | T-7607404-5<br>rev 19       | RBM thru<br>RBM-5          |
| -47546                | TRANSFORMER, RF: 12/23/44<br>RF transf for freq band of 3.6 to 6.5 mc; two wnd, universal wound; unshielded; inductance: pri 89.2 microhenrys, secd 958 microhenrys, DC resistance: pri 7.4 ohms, secd 25.3 ohms, number of turns: pri 60 2/3 turns #38 SE wire, secd 205 turns #38 SE wire tapped at 107 1/2 turns; 1 5/8" lg; air core; coil form 1 5/8" lg x 5/8" OD x 1/2" ID; no integral mtg provisions supplied; five solder lug term on periphery of core. |                     |        | 17-T-81944-9696        |                |                |                       | CAY | 7607404-16                 | CAY        | T-7607404-6<br>rev 19       | RBM<br>RBM-1 thru<br>RBM-5 |
| -47547                | RF CHOKER: 12/26/44<br>RF transf used in band #3; 2 wnd, universal wnd; unshielded; pri rated 41.1 microhenries, 650 to 1140 kc, DC resistance 4.9 ohms, c/o 39 2/3 turns #38 ES wire, secd wnd rated 275 microhenries, 650 to 1140 kc, DC resistance 9 ohms, c/o 120 turns #3-41 Litz ES wire, tapped at 60 1/2 turns; 1 5/8" lg x 3/4" diam, less term; air core, mica a; 1 5/8" lg x 5/8" OD form; no integral mtg provisions supplied; solder lug term.        |                     |        | 17-T-81930-3774        | N16-T-7054-1   |                |                       | CAY | T-7607404-7                | CAY        | T-7607404-7<br>rev 19       | RBM thru<br>RBM-5          |
| -47548                | TRANSFORMER, RF: 12/26/44<br>ant transf used in band #4; three wnd, universal wnd; unshielded; pri wnd rated 951 microhenrys, 11.4 to 20 mc, c/o 193 1/2 turns #38 ES wire, DC resistance 25.5 ohms; two secd wnd, ea rated 95.6 microhenrys, 1140 to 2000 kc, 72 turns #30-44 Litz ES wire, DC resistance 1.4 ohms; 1 5/8" lg x 5/8" diam c/a; mica form, air core; no integral mtg provisions supplied; three solder lug term.                                   |                     |        | 17-T-81946-8702        | N16-T-7046-1   |                |                       | CAY | T-7607404-4                | CAY        | T-7607404-4<br>rev 19       | RBM thru<br>RBM-5          |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURE 'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO        | EQUIPMENT USED IN      |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|------------------------------------|------------------------|
| -47549                | TRANSFORMER, RF: 12/26/44<br>RF transf used in band #4; three wnd, universal wnd; unshielded; pri rated 11.3 microhenrys, 11.4 to 20 mc, DC resistance 2.2 ohms, c/o 19 2/3 turns #38 ES wire, two secd wnd connected in series rated 93.6 microhenrys, 1140 to 2000 kc, c/o 72 turns #30-44 Litz ES wire, DC resistance 1.4 ohms, secd wnd #1 tapped at 3 1/2 turns; 1 5/8" lg x 5/8" diam o/a; micarta form, air core; no integral mtg provisions supplied; four solder lug term on form; same as NT-47549A except secd wnd #1 of latter is tapped at 3 1/2 turns. |                     |        | 17-T-82066-9211        | N16-T-7052-1   |                |                       | CAY        | T-7607404-12               | CAY        | T-7607404-12 rev 19                | RBM (3) thru RBM-5 (3) |
| -47549-A              | TRANSFORMER, RF: 12/26/44<br>RF transf used in band #4; two wnd, universal wnd; unshielded; pri rated 11.3 microhenrys, 11.4 to 20 mc, DC resistance 2.2 ohms, c/o 19 2/3 turns #38 ES wire, secd wnd CT, ea side of CT rated 93.5 microhenrys, 1140 to 2000 kc, DC resistance 1.4 ohms, total secd c/o 72 turns #30-44 Litz, ES wire tapped at 3 1/2 turns; 1 5/8" lg x 5/8" diam, o/a; air core; no integral mtg provisions supplied; 6 wire lead term.  |                     |        | 17-T-81921-5141        | N16-T-7003     |                |                       | CAY        | T-7607404-8                | CAY        | T-7607404-8 rev 19                 | RBM thru RBM-5         |
| -47550                | COIL, RF: 12/27/44<br>RF choke; one wnd, universal wnd; unshielded; rated 4300 microhenrys, 140 kc, DC resistance 5.12 ohms, c/o 120 turns #34 ES wire; 1 3/4" lg x 1/2" diam o/a; micarta form, iron core inserted when installed; no integral mtg provisions supplied; solder lug term.  |                     |        | 16-C-76756-3944        | N16-T-18623    |                |                       | CAY        | T-7607939-1                | CAY        | T-7607939-1 rev 12<br>T-7607404-21 | RBM thru RBM-5         |
| -47551                | COIL, RF: 12/27/44<br>reactor LV; single wnd, single layer wnd; unshielded; rated 20 microhenrys, 0.022 ohms DC resistance, approx 23 turns #14 E wire; 2 7/8" lg x 1/2" OD o/a excluding term; solid micarta form; has a #6-32 tapped hole on one end of coil form; one solder lug term on ea end of coil form; vacuum impr.  |                     |        | 16-C-73303-3521        | N16-C-13241    |                |                       | CAY<br>CAY | P-7708329-1                | CAY<br>CAY | 7607845-48<br>P-7708329-1 rev 2    | RBM thru RBM-5         |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR         | MANUFACTURER'S PART NUMBER | CONTRACTOR        | CONTRACTOR'S DWG OR PART NO                | EQUIPMENT USED IN      |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-------------|----------------------------|-------------------|--|------------------------|
| -47552                | COIL, RF: 12/30/44<br>RF choke; single wnd, single layer wnd; unshielded; rated 10 microhenrys p/m 5%, 56 turns #32 E copper wire; 3/4" lg x 1/4" OD o/a excluding term; bakelite core; mts by one 1 1/2" lg pigtail lead term at ea end.   |                     |        | 16-C-73097-5681        |                |                |                       | CASU        | CR-104                     | CRB               | CK-1016A                                   | TS-120/UP<br>TS-191/UP |
| -47553                | COIL ASSEMBLY, RF: 12/29/44<br>ant, mixer coils; c/o four coils mtd in metal can; ea coil c/o 118 turns #34 E wire, 50 mmf cap, freq range of 1.54 to 2.34 mc p/m 10%, min Q is 40, ea coil slug tuned inductance; 85 microhenrys, DC resistance 4.04 ohms; rectangular metal can; 3" lg x 2 1/64" wd x 2 1/64" d less term end mtg; mtd by two #6-32 spade bolts on 2 1/4" diagonal mtg/c; can stamped "ANT., MIXER" along w/caution note, term on bottom marked 1, 2, 3, 4; varnish impr coils. |                     |        | 17-C-77802-5581        | N16-T-18621    |                |                       | CFE<br>CAQK | 35.480                     | CFE<br>CFE<br>CFE | 35.480 1000<br>35.485 1000<br>300.437 1000 | DAS-1b<br>DAS-1(4)     |
| -47554                | COIL ASSEMBLY, RF: 12/29/44<br>osc coils; c/o four coils mtd in metal can; ea coil c/o 24 1/2 turns #34 E wire, 215 mmf cap, 2.45 to 3.45 mc p/m 10%, min Q is 55, ea coil slug tuned, inductance 10 microhenrys; rectangular metal case; 3" lg x 2 1/64" wd x 2 1/64" d less term and mtg; mtd by two #6-32 spade bolts on 2 1/4" diagonal mtg/c; can stamped "OSC" along w/caution note, term on bottom marked 1, 2, 3, 4; varnish impr coils.  |                     |        | 16-C-77785-1121        | N16-T-18622    |                |                       | CFE<br>CAQK | 35.481                     | CFE<br>CFE<br>CFE | 35.481 1000<br>35.484 1000<br>300.436 1000 | DAS-1b<br>DAS-1(4)     |
| -47555                | COIL, RF: 12/30/44<br>RF choke; single wnd, three pie universal wnd; unshielded; rated 0.3 millihenrys, 12 ohms DC resistance, 1000 cyc, wnd w/ #36 ES wire; 1 7/16" lg x 7/16" diam o/a; air core; coil form 1 7/16" lg x 1/4" diam; mtd by end bkt 1 3/16" c to c; one term on ea end.  |                     |        | 16-C-74043-1730        |                |                |                       | CARZ        |                            | CDU               | DD-3222-A-2                                | UJ                     |
| -47556                | REACTOR: 12/30/44<br>CANCELLED: same as WF-30384.   |                     |        |                        |                |                |                       | CAY         | L-340136                   | CAY               | L-340136                                   | TBL-3                  |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN   |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|---------------------|
| -47557                | TRANSFORMER, RF: 1/3/45<br>ant transf; two wnd, ea single layer wnd, close wnd; unshielded; pri rated 2.04 microhenrys at 1000 cyc, c/o 8 1/2 turns #30 ES wire, 0.17 ohms DC resistance, secd rated 29.2 microhenrys at 1000 cyc, c/o 52 1/2 turns #7-41 Litz wire, 1.7 ohms DC resistance, mutual inductance 1.43 millihenrys; 2" lg x 5/8" OD o/a excluding term; phenolic form, air core; two brass pl mtg bkt at bottom w/ 0.14" diam hole 15/16" c to c; four brass pl solder lug term on outside of coil; wax impr.           |                     |        | 17-T-81897-1549        | N16-T-3867     |                | 30301-4               | CFT | F-37888-1                  | CFT        | F-37888-1 1esG              | DAQ<br>DAU<br>DAU-1 |
| -47558                | TRANSFORMER, RF: 1/3/45<br>ant transf; two wnd, single layer wnd, close wnd; unshielded; pri rated 1 microhenry at 1000 cyc, c/o 5 1/2 turns #26 E copper wire, 0.05 ohms DC resistance, secd rated 6.7 microhenrys at 1000 cyc, c/o 24 1/2 turns #26 E copper wire, 0.19 ohms DC resistance, mutual inductance 0.41 microhenrys; 2" lg x 5/8" OD o/a excluding term; phenolic form, air core; two brass pl mtg bkt at bottom w/one 0.14" diam hole in ea 15/16" c to c; four brass pl solder lug term on outside of coil; wax impr. |                     |        | 17-T-81894-1549        | N16-T-3868     |                | 30301-3               | CFT | F-37887-1                  | CFT        | F-37887-1 1esG              | DAQ<br>DAU<br>DAU-1 |
| -47559                | TRANSFORMER, IF: 1/4/45<br>peak freq 455 kc; unshielded; 1 11/32" wd x 1 11/32" lg x 2 13/16" h o/a; tuned pri and secd; adj iron core w/secd adj at base; mtg bushing 5/16" lg x 3/8" diam; five color coded wire lead term at base; wax impr, incl fixed capacitor across pri and fixed capacitor on one end of secd.  |                     |        | 17-T-67603-7864        | N16-T-6100-4   |                |                       | OZO | 5064                       | OZO        | 5064 1es2                   | RBO                 |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                     |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -47560                | TRANSFORMER, RF: 1/4/45<br>one transf; single wnd, single layer wnd; unshielded; coil o/o 16 1/2 turns #24 E wire tapped 4 1/8 turns, pri 0.74 microhenrys p/m 10% at 1000 cyc, 0.03 ohms DC resistance, secd 2.9 microhenrys p/m 10% at 1000 cyc, 0.07 ohms DC resistance; 2 1/2" lg x 3/4" OD o/a excluding term and mtg bkt; bakelite form; adj powdered iron core w/secdr adj on top; mts vert by two bkt on bottom, ea w/one 1/8" diam hole 1 1/4" c to o; three solder lug term on side of coil; wax impr. |                     |        | 16-C-76395-8316        | N16-T-6404-2   |                | 301084240-2           | OZC | 5057                       | OZC        | 5057 1ea1                   | RBO               |
| -47561                | TRANSFORMER, IF: 1/5/45<br>peak freq 455 kc; unshielded; 1 11/32" wd x 1 11/32" lg x 3 1/8" h o/a excluding tuning adj on top and bottom; bakelite form; tuned pri and secd; adj powdered iron cores w/secdr adj at top and bottom of coil form; has one 5/16" lg x 3/8" diam mtg bushing at ea end; seven wire lead term, color coded, three on one end, four on opposite end; wax impr, has fixed capacitor across pri and fixed capacitor in series w/one lead of secd.                                       |                     |        | 17-T-67603-8671        | N16-T-6100-2   |                | 229641.251            | OZC | 5063                       | OZC        | 5063 1ea2                   | RBO               |
| -47562                | TRANSFORMER, IF: 1/5/45<br>peak freq 455 kc; unshielded; 3 1/8" h x 1 11/32" lg x 1 11/32" wd o/a excluding tuning adj on top and bottom; bakelite form ; tuned pri and secd; adj powdered iron cores at top and bottom of form; has one 5/16" lg x 3/8" diam mtg bushing at ea end; eight wire lead term, color coded, four on one end, four on opposite end; wax impr, has fixed capacitor across pri and fixed capacitor in series w/one lead of secd.  |                     |        | 17-T-67603-8651        | N16-T-6100     |                | 229641.252            | OZC | 5062                       | OZC        | 5062 1ea2                   | RBO               |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S D STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -47563                | TRANSFORMER, RF: 1/5/45<br>osc transf; single wnd, single layer wnd; unshielded; coil o/o 9 1/2 turns #24 E wire tapped at 3 1/8 turns; pri rated 0.5 microhenrys at 1000 cyc, 10v, 0.023 ohms DC resistance, secd rated 1.02 microhenrys at 1000 cyc, 10v, 0.037 ohms DC resistance; 2 1/2" lg x 3/4" OD o/a excluding term and mtg bkt; bakelite form; adj powdered iron core w/scr adj at top; mts vert by two bkt on bottom, w/one 1/8" diam hole in ea 1 1/4" o to c; three solder lug term on side of coil; wax impr. |                     |        | 16-C-76302-6631        | N16-T-6404-4   |                | 3C1084240-10          | CZC | 5061                       | CZC        | 5061 1ss1                   | RBO               |
| -47564                | COIL, RF: 1/19/45<br>ant pri coil; single wnd, single layer wnd; unshielded; rated 1.85 microhenrys at 1000 cyc, 10v, 0.16 ohms DC resistance c/o 6 1/2 turns #30 E wire; 1" lg x 3/4" OD o/a excluding term and mtg bkt; bakelite form, air core; 1" lg metal bkt has 90 deg bend on end w/ 1/8" diam mtg hole; two solder lug term on side of coil; wax impr.   |                     |        | 16-C-72847-2169        | N16-T-7097     |                | 3C1084240-12          | CZC | 5058                       | CZC        | 5058 1ss1                   | RBO               |
| -47565                | COIL, RF: 1/19/45<br>ant secd coil; single wnd, single layer wnd; unshielded; rated 1.85 microhenrys at 1000 cyc, 10v, 0.060 ohms DC resistance, c/o 10 1/4 turns #24 E wire using #16 spacer; 2" lg x 13/16" OD o/a excluding term and mtg bkt; bakelite form; adj powdered iron core w/scr adj at one end of form; mts vert by two bkt w/one 1/8" diam hole in ea 1 5/16" o to c; two solder lug term on side of coil; wax impr.  |                     |        | 16-C-76550-8395        | N16-T-7097-5   |                | 3C1084240             | CZC | 5059                       | CZC        | 5059 1ss1                   | RBO               |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN   |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|---------------------|
| -47566                | TRANSFORMER, RF: 1/6/45<br>ant tranfer; two wnd, single layer wnd, close wnd; unshielded; pri rated 0.75 microhenrys at 1000 cyc, 0.04 ohms DC resistance, c/o 4 1/2 turns #26 E wire, secd rated 1.7 microhenrys at 1000 cyc, 0.025 ohms DC resistance, c/o 11 1/2 turns #20 E wire, mutual inductance 0.23 microhenrys; 2" lg x 5/8" OD o/a excluding term and mtg bkt; phenolic form, air core; two brass pl mtg bkt at bottom w/one 0.140" diam hole in ea 15/16" c to c; four brass pl solder term on outside of coil; wax impr. |                     |        | 17-T-81893-2449        | N16-T-3869     |                | 30301-5               | CFT | F-37886-1                  | CFT        | F-37886-1 1ssG              | DAQ                 |
| -47567                | TRANSFORMER, RF: 1/6/45<br>ant tranfer; two wnd, single layer wnd; unshielded; pri rated 0.35 microhenrys at 1000 cyc, 0.026 ohms DC resistance, c/o 2 1/2 turns #26 E wire, secd 0.46 microhenrys at 1000 cyc, 0.008 ohms DC resistance, c/o 4 1/2 turns #18 E wire, mutual inductance 0.05 microhenrys; 2" lg x 5/8" OD o/a excluding term and mtg bkt; phenolic form, air core; two brass pl mtg bkt at bottom w/one 0.140" diam hole in ea 15/16" c to c; four brass pl solder term on outside of coil; wax impr.                 |                     |        | 17-T-81891-9649        | N16-T-3870     |                | 30301-6               | CFT | F-37885-1                  | CFT        | F-37885-1 1ss G             | DAQ<br>DAU<br>DAU-1 |
| -47568                | COIL, RF: 1/19/45<br>ant pri coil; single wnd, single layer wnd, close wnd; unshielded; rated 21 microhenrys at 100 cyc, 10v, 0.58 ohms DC resistance, c/o 19 1/2 turns #30 E wire; 1" lg x 1" OD o/a excluding term and mtg bkt; bakelite form, air core; 1" lg metal bkt has 90 deg bend on end w/ 1/8" diam mtg hole; two solder lug term on side of coil; wax impr.   |                     |        | 16-C-73316-8211        | N16-T-3869-5   |                |                       | CZC | 5050                       | CZC        | 5050 1ss1                   | RBO                 |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                     |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                     |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -47569                | COIL, RF:<br>ant seed coil; single wnd, single layer wnd, close wnd; unshielded; rated 225 microhenrys at 1000 cye, 4.73 ohms DC resistance, o/o 110 turns #32 E wire; 2" lg x 1" OD o/a excluding term and mtg bkt; bakelite form; adj powdered iron core w/sedr adj at one end of form; mts vert by two bkt w/one 1/8" hole in ea 1 5/16" c to c; two solder lug term on side of coil; wax impr.   |                     |        | 16-C-76676-3935        | N16-T-7095-5    |                | 3C1084Z40-7           | CZC | 5051                       | CZC        | 5051 1ee1                   | RBO               |
| -47570                | COIL, RF: 1/19/45<br>one wnd, universal wnd; unshielded; rated 1.8 millihenrys at 10v, 1 kc, DC resistance 16 ohms; c/o 200 turns #34 single celanese wire; 1 21/32" OD x 1 3/8" h o/a incl term and mtg bkt; bakelite form, air core; for 1" OD x 1" lg; mts by bkt w/ 1/8" diam mtg hole; two solder lug term, one on ea side; wax impr.   |                     |        | 16-C-74521-8694        | N16-T-14373-251 |                | 3C1084Z40-6           | CZC | 7304                       | CZC        | 7304 1ee2                   | RBO-g             |
| -47571                | TRANSFORMER, RF: 1/8/45<br>osc transf; single wnd, single layer wnd; unshielded; coil c/o 70 3/4 turns #32 E wire tapped at 12 turns, pri rated 8.4 microhenrys at 1000 cye, 0.564 ohms DC resistance, secd rated 91 microhenrys at 1000 cye, 2.536 ohms DC resistance; 2 1/4" lg x 1" OD o/a excluding term and mtg bkt; bakelite form; adj powdered iron core w/sedr adj on top; mts vert by two bkt on bottom w/one 1/8" diam hole in ea 1 1/2" c to c; three solder lug term on side of coil; wax impr.  |                     |        | 16-C-76503-3005        | N16-T-7095      |                | 3C1084Z40-4           | CZC | 5053                       | CZC        | 5053 1ee1                   | RBO               |
| -47572                | TRANSFORMER, RF: 1/8/45<br>converter transf; two wnd, single layer wnd; unshielded; pri rated 15 microhenrys at 1000 cye, 0.3 ohms DC resistance, c/o 15 turns #28 DC wire, secd w/o iron core is rated 225 microhenrys, 4.82 ohms DC resistance c/o 110 turns #32 E wire; 2 1/4" lg x 1" OD o/a excluding term and mtg bkt; bakelite form, pri air core, secd powdered iron core; adj iron core in secd w/sedr adj at top; mts vert by two bkt on bottom w/one 1/8" diam hole in ea 1 1/2" c to c; three solder lug term on side of coil; wax impr. |                     |        | 17-T-82297-6253        | N16-T-7098      |                | 3C1084Z40-5           | CZC | 5052                       | CZC        | 5052 1ee1                   | RBO               |
|                       |  |                     |        |                        |                 |                |                       |     |                            |            |                             |                   |
|                       |  |                     |        |                        |                 |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-127

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -47573                | TRANSFORMER, RF: 1/8/45<br>converter coil; two wnd, single layer wnd, pri close wnd, secd space wnd; unshielded; pri rated 1.58 microhenrys at 1000 cyc, c/o 6 turns #28 DC wire, 0.094 ohms DC resistance, secd rated 1.85 microhenrys at 1000 cyc, c/o 10 3/4 turns #24 E wire, 0.062 ohms DC resistance; 2 1/4" lg x 3/4" OD o/a excluding term and mtg bkt; bakelite form, pri air core, secd powdered iron core; adj iron core in secd w/sldr adj at top; mts vert by two bkt on bottom w/one 1/8" diam hole in ea 1 1/4" c to c; three solder lug term on side of coil; wax impr. |                     |        | 17-T-82270-8101        | N16-T-7100     |                | 3C1084240-1           | CZC | 5060                       | CZC        | 5060 1ss1                   | RBO               |
| -47574                | TRANSFORMER, RF: 1/8/45<br>converter coil; two wnd, single layer wnd, pri close wnd, secd space wnd; unshielded; pri rated 2.8 microhenrys at 1000 cyc, c/o 8 turns #28 DC wire, 0.14 ohms DC resistance, secd rated 4.75 microhenrys at 1000 cyc, c/o 19 3/4 turns #24 E wire, 0.11 ohms DC resistance; 2 1/2" lg x 3/4" OD o/a; bakelite form, pri air core, secd powdered iron core; adj iron core w/sldr adj at top; mts vert by two bkt on bottom w/one 1/8" diam hole in ea 1 1/4" c to c; three solder lug term on side of coil; wax impr.                                       |                     |        | 17-T-82274-5353        | N16-T-7099     |                | 3C1084240-3           | CZC | 5056                       | CZC        | 5056 1ss1                   | RBO               |
| -47575                | COIL, RF: 1/8/45<br>RF choke; single wnd, double layer wnd; unshielded; rated 0.6 microhenrys, 1 amp, 0.05 ohms DC resistance, 10v at 1000 cyc, ea layer 15 turns, first layer #20 celanese wire, second layer solid tinned copper wire; 1 3/4" lg x 11/16" diam o/a; air core; mtd by tubular form 1 3/4" lg x 7/16" diam; four solder lugs, two at ea end of coil; wax impr.  |                     |        | 16-C-72751-9405        | N16-C-13286    |                |                       | CZC | 5046                       | CZC        | 5046 1ss2                   | RBO               |

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SHEET 47-129

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN   |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|---------------------|
| -47576                | RF COIL: 1/6/45<br>RF coil; 2 wnd, double layer wnd; unshielded; pri 1.7 microhenries, 0.095 ohms DC resistance at 1000 cyc, 11 turns #26 E copper wire, secd 37 microhenries, 2.1 ohms DC resistance at 1000 cyc, 63 turns #7-41 Litz wire, mutual inductance 6.2 microhenries; 1 61/64" lg x 1" OD, o/a; air core; 2 brass pl mtg bkt at base of coil on 15/16" mtg/c; 4 solder term, 2 on ea end of coil; wax impr. |                     |        | 17-T-81896-2449        | N16-T-3871     |                |                       | CFT  | RF-138-3-1                 | CFT        | RF-138-3-1 1ss E            | DAQ<br>DAU<br>DAU-1 |
| -47577                | RF COIL: 1/6/45<br>RF coil; 2 wnd, double layer wnd; unshielded; pri 1.7 microhenries, 0.095 ohms DC resistance at 1000 cyc, 11 turns #26 E copper wire, secd 8.6 microhenries, 0.22 ohms DC resistance at 1000 cyc, 30 turns #26 E wire, mutual inductance 2.9 microhenries; 1 61/64" lg x 1" OD, o/a; air core; 2 brass pl mtg bkt at base of coil on 15/16" mtg/c; 4 solder term, 2 on ea end of coil; wax impr.    |                     |        | 17-T-81896-2440        | N16-T-3872     |                |                       | CFT  | RF-138-3-2                 | CFT        | RF-138-3-2 1ss E            | DAQ<br>DAU<br>DAU-1 |
| -47578                | RF COIL: 1/6/45<br>RF coil; 2 wnd, double layer wnd; unshielded; pri 1.7 microhenries, 0.095 ohms DC resistance at 1000 cyc, 11 turns #26 E copper wire, secd 2.3 microhenries, 0.11 ohms DC resistance at 1000 cyc, 15 turns #26 E wire, mutual inductance is 1.4 microhenries; 1 61/64" lg x 1" OD, o/a; air core; 2 brass pl mtg bkt at base of coil on 15/16" mtg/c; 4 solder term, 2 on ea end of coil; wax impr. |                     |        | 17-T-81896-2431        | N16-T-3873     |                |                       | CFT  | RF-138-3-3                 | CFT        | RF-138-3-3 1ss E            | DAQ<br>DAU<br>DAU-1 |

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

SHEET 47-129

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SHEET 47-130

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO   | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFCR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN         |
|-----------------------|---|---------------------|----------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|---------------------------|
| -47579                | RF COIL:<br>RF coil; 2 wnd, double layer wnd; unshielded; pri 1.7 microhenries, 0.095 ohms DC resistance at 1000 cyc, 11 turns #26 E copper wire, secd 0.71 microhenries, 0.055 ohms DC resistance at 1000 cyc, 7 turns #26 E wire, mutual inductance 0.72 microhenries; 1 61/64" lg x 1" OD, o/a; air core; 2 brass pl mtg bkt at base of coil on 15/16" mtg/c; 4 solder term, 2 on ea end of coil; wax impr.  | 1/6/45              |          | 17-T-81893-2400        | 116-T-3874     |                |                       | CFT  | RF-138-3-4                 | CFT        | RF-138-3-4 1sa              | DAQ<br>DAU<br>DAU-1       |
| -47580                | COIL SET:<br>rec coil set; p/o NT-46ADU Receiver; freq range 0.54 to 0.9 mc; 2 7/16" h x 10 3/8" wd x 5 1/4" d o/a; plug-in type mtg; has Navy nameplate; similar to NT-47164 except for modification of components.  | 1/8/45              |          | 16-T-98172-1101        |                |                |                       | CNA  | SA-2721                    | CNA        | F-951 rev0                  | RDG                       |
| -47581                | COIL SET:<br>rec coil set; p/o NT-46ADU Receiver; freq range 0.9 to 1.7 mc; 2 7/16" h x 10 3/8" wd x 5 1/4" d o/a; plug-in type mtg; has Navy nameplate; similar to NT-47165 except for modification of components.   | 1/8/45              | RE13A865 | 16-T-98176-9001        |                |                |                       | CNA  | SA-2720                    | CNA        | F-951 rev0                  | RDG                       |
| -47582                | TRANSFORMER, RF:<br>RF and mixer transf w/RF and mixer cap coupling wnd; three wnd, two single layer wnd, one univereal wnd; unshielded; pri rated 1815 microhenrys at 1000 cyc, c/o 275 turns #38 ES wire, 35 ohms DC resistance, secd rated 29.2 microhenrys at 1000 cyc, c/o 51 1/2 turns #1-41 Litz wire, 1.71 ohms DC resistance, mutual inductance 19 microhenrys, third wnd c/o 4 turns #30 ES wire; 2 11/32" lg x 3/4" diam, not incl term, 2 5/8" lg, o/a; phenolic form, air core; form 2 11/32" lg x 5/8" OD; 2 mtg bkt w/one 0.14" diam hole in ea 15/16" c to c; 4 solder lug term, 1 on top and 3 on sides of coil; wax impr. | 1/8/45              |          | 17-T-82062-3193        | 116-T-6390-3   |                | 3C1084K               | CFT  | F-38457-1                  | CFT        | F-38457-1 1saK              | DAQ<br>DAU(2)<br>DAU-1(2) |
|                       |   |                     |          |                        |                |                |                       |      |                            |            |                             |                           |
|                       |   |                     |          |                        |                |                |                       |      |                            |            |                             |                           |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

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SHEET 47-131

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN         |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|---------------------------|
| -47583                | TRANSFORMER, RF: 1/8/45<br>RF and mixer transf; two wnd, one single layer wnd, one universal wnd; unshielded; pri rated 5.75 microhenrys at 1000 cyo, c/o 1 1/2 turns #30 ES wire, 0.295 ohms DC resistance, secd rated 6.75 microhenrys at 1000 cyo, c/o 2 1/2 turns #26 E wire, 0.185 ohms DC resistance, mutual inductance 1.65 microhenrys; 1 61/64" lg x 5/8" OD o/a excluding term and mtg bkt; phenolic form, air core; two mtg bkt w/one 0.14" diam hole in ea 15/16" c to c; four solder lug term, one on top, three on side of coil; wax impr. |                     |        | 17-T-81908-2449        | N16-T-7061     |                | 3C1084K-1             | CFT | F-38126-1                  | CFT        | F-38126-1 1eeF              | DAQ<br>DAU(2)<br>DAU-1(2) |
| -47584                | TRANSFORMER, RF: 1/8/45<br>RF and mixer transf; two wnd, single layer wnd; unshielded; pri rated 1.35 microhenrys at 1000 cyo, c/o 6 1/2 turns #30 ES wire, 0.133 ohms DC resistance, secd rated 1.7 microhenrys at 1000 cyo, c/o 1 1/2 turns #20 E wire, 0.025 ohms DC resistance, mutual inductance 0.35 microhenrys; 1 61/64" lg x 5/8" OD, o/a excluding term and mtg bkt, 2 15/64" lg o/a; phenolic form, air core; 2 mtg bkt w/0.140" diam holes on 15/16" mtg/c; 4 solder lug term, 1 on top and 3 on side of coil; wax impr.                     |                     |        | 17-T-81894-9649        | N16-T-7062     |                | 3C1084K-2             | CFT | F-38054-1                  | CFT        | F-38054-1 1eeG              | DAQ<br>DAU(2)<br>DAU-1(2) |
| -47585                | TRANSFORMER, RF: 1/8/45<br>and mixer transf; two wnd, interwnd; unshielded; pri rated 0.26 microhenrys at 1000 cyo, c/o 2 1/2 turns #30 ES wire, 0.06 ohms DC resistance, secd rated 0.4 microhenrys at 1000 cyo, c/o 4 1/2 turns #18 E wire, 0.008 ohms DC resistance, mutual inductance 0.125 microhenrys; 1 61/64" lg x 5/8" OD o/a excluding term and mtg bkt; phenolic form, air core; two mtg bkt w/one 0.14" diam hole in ea 15/16" c to c; four solder lug term, one on top and three on side of coil; wax impr, fungusproof.                    |                     |        | 17-T-82061-7980        | N16-T-7063     |                | 3C1084K-3             | CFT | F-38052-1                  | CFT        | F-38052-1 1eeH              | DAQ<br>DAU(2)<br>DAU-1(2) |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                           |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                           |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                           |

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| NAV TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN   |
|----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|---------------------|
| -47586               | TRANSFORMER, RF: 1/8/45<br>osc transf; two wnd, one universal wnd, one single layer close wnd; unshielded; pri rated 10.1 microhenrys at 1000 cyc, c/o 20 1/2 turns #30 ES wire, 0.4 ohms DC resistance, secd rated 22.3 microhenrys at 1000 cyc, c/o 44 1/2 turns #10-41 Litz wire, 1.05 ohms DC resistance, mutual inductance 3.6 microhenrys; 1 61/64" lg x 5/8" OD o/a excluding term and mtg bkt; phenolic form, air core; two mtg bkt w/one 0.14" hole in ea 15/16" c to c; four solder lug term, one on top and three on side of coil; wax impr. |                     |        | 17-T-82067-2986        | H16-T-7064     |                | 3C1081-11E            | CPT | F-38049-1                  | CPT        | F-38049-1 1ssF              | DAQ<br>DAU<br>DAU-1 |
| -47587               | TRANSFORMER, RF: 1/8/45<br>osc transf; two wnd, one pie wnd, one layer wnd; unshielded; pri c/o 12 1/2 turns #30 ES wire, 0.25 ohm DC resistance, rated 4.5 microhenrys at 1000 cyc, secd c/o 23 1/2 turns #26 ES wire, 0.175 ohm DC resistance, rated 6.35 microhenrys at 1000 cyc, 1.35 microhenrys, mutual inductance; 1 61/64" lg x 5/8" OD o/a excluding term and mtg bkt; air core, phenolic form; mts by two bkt ea w/one 0.14" diam hole 5/16" c to c; four solder lug term, two ea end; wax impr.  |                     |        | 17-T-82064-7986        | H16-T-6390     |                | 3C1081-11C            | CPT | F-38041-1                  | CPT        | F-38041-1E 1ssF             | DAQ<br>DAU<br>DAU-1 |
| -47588               | TRANSFORMER, RF: 1/9/45<br>osc transf; two wnd, layer wnd; unshielded; pri c/o 6 1/2 turns #30 ES wire, 0.133 ohm DC resistance, rated 1.35 microhenrys at 1000 cyc, secd c/o 11 1/2 turns #20 ES wire, 0.025 ohm DC resistance, rated 1.7 microhenrys at 1000 cyc, 0.35 microhenrys mutual inductance; 1 61/64" lg x 5/8" OD o/a excluding term and mtg bkt; air core, phenolic form; mts by two bkt ea w/one 0.14" diam hole 15/16" c to c; four solder lug term, two ea end; wax impr.   |                     |        | 17-T-82062-9786        | H16-T-6390-1   |                | 3C1081-11B            | CPT | F-37956-1                  | CPT        | F-37956-1 1ssH              | DAQ<br>DAU<br>DAU-1 |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY OWC OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO                                   | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR        | CONTRACTOR'S DWG OR PART NO  | EQUIPMENT USED IN      |
|-----------------------|--|---------------------|--------|------------------------|--|----------------|-----------------------|------|----------------------------|-------------------|--|------------------------|
| -47589                | TRANSFORMER, RF: 1/9/45<br>oec transf; two wnd, layer wnd; unshielded; pri c/o 2 1/2 turns #30 ES wire, 0.06 ohm DC resistance rated 0.26 microhenrys at 1000 cyc, secd c/o 4 1/2 turns #18 E wire 0.008 ohm DC resistance, rated 0.4 microhenrys at 1000 cyc, 0.125 microhenrys mutual inductance; 1 61/64" lg x 5/8" OD c/a excluding term and mtg bkt; air core, phenolic form; mts by two bkt ea w/one 0.14" diam hole 15/16" c to c; four solder lug term, two ea end; wax impr.  |                     |        | 17-T-82061-7986        | N16-T-6390-2                                     |                | 3C1081-11A            | CFT  | F-38051-1                  | CFT               | F-38051-1 100E   | DAQ<br>DAU<br>DAU-1    |
| -47590                | TRANSFORMER, RF: 1/9/45<br>single wnd CT; shielded in aluminum can; rated 82 kc, 15 ma, 5.15 millihenrys nom, 4.75 millihenrys min, 5.45 millihenrys max, c/o 720 turns #38 ES wire CT, 38 ohms DC resistance start to CT 41 ohms DC resistance CT to finish; 2" OD x 3" lg c/a excluding term ant mtg clamps; moldarta form; adj powdered iron core w/scdr adj on top of can; mts by clamps at base; four solder lug term on bottom of case; potted w/asphalt, incl two capacitors, one rated 1 to 225 mmf, the other 1 to 300 mmf.                     |                     |        | 16-C-76756-8093        | N16-RT-77935<br>N16-T-7002-52-1<br>N16-T-7002-52 |                | 3C1084Z25-6           | CAY  | 867286-A                   | CAY<br>CAY<br>CAY | L-406844<br>P-7711183-1 sub5<br>M-7412104-1 sub2<br>T-7604718-1<br>sub18 | VE<br>SR(2)<br>SR-5(2) |
| -47591                | TRANSFORMER, RF: 1/10/45<br>single wnd CT; shielded in aluminum can; rated 16.4 kc, 15 ma, 29.5 millihenrys nom, 26 millihenrys min, 33 millihenrys max at 1000 cyc, c/o 1650 turns #38 ES wire, 90 ohms DC resistance start to CT, 110 ohms DC resistance CT to finish; 2 1/2" OD x 3 1/2" lg c/a excluding term and mtg clamps; moldarta form; adj powdered iron core w/scdr adj on top of can; mts by clamps at base; four solder lug term on bottom of case; potted w/asphalt, incl two capacitors, one rated 1 to 560 mmf, the other 1 to 2130 mmf. |                     |        | 16-C-76789-4907        | N16-RT-77936                                     |                | 3C1084Z25-4           | CAY  | 867287-A                   | CAY<br>CAY<br>CAY | L-406845<br>P-7711183-2 rev5<br>M-7412104-1 rev2<br>T-7604718-1<br>rev18 | VE<br>SR(2)<br>SR-5(2) |
|                       |  |                     |        |                        |  |                |                       |      |                            |                   |  |                        |
|                       |  |                     |        |                        |  |                |                       |      |                            |                   |  |                        |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-133

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SHEET 47-134

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR        | CONTRACTOR'S DWG OR PART NO  | EQUIPMENT USED IN      |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|-----------------------|------------|----------------------------|-------------------|--|------------------------|
| -47592                | TRANSFORMER, RF: 1/10/45<br>single wnd, CT; shielded in aluminum can; rated 4.1 kc, 15 ma, 121 millihenrys nom, 116 millihenrys min, 126 millihenrys max at 1000 cyc, c/o 3300 turns #38 ES wire, 190 ohms DC resistance start to CT, 250 ohms DC resistance CT to finish; 2" OD x 2 3/8" lg o/a excluding term end mtg clamps; moldarta form; adj powdered iron core w/sodr adj on top of can; mts by clamps at base; four solder lug term on bottom of case; potted w/asphalt incl two capacitors, ea rated 0.005 mfd.   |                     |        | 16-C-76826-6927        | N16-RT-77937    |                |                       | CAY        | 867288                     | CAY<br>CAY<br>CAY | L-406846<br>P-7711183-3 rev5<br>M-7412104-1 rev2<br>T-7604718-1<br>rev18 | YE<br>SR(2)<br>SR-5(2) |
| -47593                | TRANSFORMER, RF: 1/10/45<br>RF marker transf; single wnd, CT; shielded in aluminum can; rated 1.64 kc, 15 ma, 295 millihenrys nom, 280 millihenrys min, 310 millihenrys max at 1000 cyc, c/o 4800 turns #38 ES wire, 300 ohms DC resistance start to CT, 445 ohms DC resistance CT to finish; 3 1/2" OD x 4 1/2" lg o/a excluding term end mtg clamp; moldarta form; adj powdered iron core w/sodr adj on top of can; mts by clamps at base; four solder lug term on bottom of case; potted w/asphalt, incl three capacitors, one rated 0.005 mfd, the other two 0.01 mfd. |                     |        | 16-C-76848-9263        | N16-RT-77938    |                | 3C1084225-5           | CAY        | 867388                     | CAY<br>CAY<br>CAY | L-406848<br>P-7711183-4 rev5<br>M-741204-1 rev2<br>T-7604718-1<br>rev18  | YE<br>SR<br>SR-5       |
| -47594                | COIL, RF: 1/10/45<br>video peaking choke; single wnd, two pie wnd; unshielded; rated 60 to 63 mc, 20 ma, 150 microhenrys, c/o two sect, ea w/65 turns #34 ES wire, 4 ohms DC resistance; 2 1/8" lg x 1 1/2" wd x 3/4" h o/a; phenolic form, air core; mts by two 0.154" diam mtg holes 3/4" c to c; two solder lug term, one ea end; impr w/varnish.   |                     |        | 16-C-73882-9873        | N16-RC-17703-22 |                | 3C332-182             | CAY<br>CAY | M-7412182-1<br>P-7708624-1 | CAY<br>CAY        | M-7412182-1 sub4<br>P-7708624-1 rev7<br>rev7                             | YE<br>SR<br>SR-5       |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-134

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SHEET 47-135

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO                  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR        | CONTRACTOR'S DWG OR PART NO                         | EQUIPMENT USED IN      |
|-----------------------|---|---------------------|--------|------------------------|---------------------------------|----------------|-----------------------|------------|----------------------------|-------------------|---|------------------------|
| -47595                | NETWORK, pulse forming: 1/10/45<br>pulse peaking coil; unshielded; freq range 60 to 1100 cyc, rated 15 ma 2.5 millihenrys, 80 ohms DC resistance, c/o three sect ea w/260 turns #36 DS wire; 2 1/8" lg x 1 1/2" wd x 3/4" h o/a; mts by two 0.154" diam mtg holes in form 3/4" c to c; wnd on bakelite form.  |                     |        |                        | N16-N-468-30<br>R16-RC-17794-21 |                |                       | CAY<br>CAY | P-7708623-2<br>P-7708624-1 | CAY<br>CAY        | P-7708623-2<br>eub12<br>P-7708624-1 rev7<br>SR-5(2) | VE<br>SR(2)<br>SR-5(2) |
| -47596                | COIL, RF: 1/10/45<br>RF choke coil; single wnd, four layer wnd; unshielded; rated 415 microhenrys at 1000 cyc, four layers c/o 24 turns per layer of #12 double glass covered eq copper wire, 0.042 ohms DC resistance; 2 11/16" lg x 1 1/2" OD o/a excluding term; fishpaper tube, powdered iron core; coil form 2 9/16" lg x 13/16" OD; mtd by one #10-32 thd x 3" lg machine screw through ctr of core; two leads 2 1/8" lg from top of coil; vacuum impr. |                     |        | 16-C-74105-5829        |                                 |                |                       | CSL        | EN-103-L1                  | CPT<br>CSL<br>CSL | C-133-1 rev0<br>F-6348 revC<br>F-6359 revC          | CPT-211204             |
| -47597                | COIL, RF: 1/10/45<br>RF choke coil; single wnd, three layer wnd; unshielded; rated 1000 microhenrys at 1000 cyc, three layers c/o 56 turns per layer of #21 double glass covered copper wire, 0.5 ohms DC resistance; 2 3/16" lg x 15/16" OD o/a excluding term; fishpaper tube, powdered iron core; mts by one #10-32 thd x 2 1/2" lg mach screw through ctr of core; two leads 2" lg from top of coil; vacuum impr.   |                     |        | 16-C-74383-2876        |                                 |                |                       | CSL        | EN-103-L2                  | CPT<br>CSL<br>CSL | C-133-1 rev0<br>F-6349 revC<br>F-6359 revC          | CPT-211204             |
| -47598                | COIL, RF: 1/11/45<br>RF choke; single wnd, six pie universal wnd; unshielded; rated 2.591 millihenrys, 250 ma at 1000 cyc, six pies c/o 96 turns per pie #28 DS wire, 8 ohms DC resistance; 2 1/2" lg x 1 3/16" OD o/a excluding term; isolantite form; mts by two bkt one at ea end w/one 0.154" diam hole in ea 3" c to c; one solder lug term on ea end of coil.   |                     |        | 16-C-74753-4643        |                                 |                |                       | CAY        | M-7407506-1                | CAY<br>CAY        | M-7407506-1 eub8<br>P-7706801-1 eub8                | TCE                    |
|                       |   |                     |        |                        |                                 |                |                       |            |                            |                   |   |                        |
|                       |   |                     |        |                        |                                 |                |                       |            |                            |                   |   |                        |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
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SHEET 47-136

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|-----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -47599                | COIL, RF: 1/11/45<br>RF choke; single wnd; shielded in metal can; rated 8 millihenrys, 4 amp DC, w/3v AC across term, 12 millihenrys, 3v AC across term w/no DC through wnd, 1500 vac 60 cyc, c/o 100 turns #15 paper E wire; 3 3/16" lg x 2 15/16" wd x 1 15/16" h o/a; iron core; one mtg bkt at base and one at top w/ #23 drill hole; two solder term on top.   |                     |        | 16-C-75021-5604        | N16-C-13149-133 |                |                       | CC  | 21103-E                    | CC         | 28859                       | TCE               |
| -47600                | TRANSFORMER, RF: 1/12/45<br>osc transf; one wnd, single layer wnd w/tap; unshielded; pri rated 1.46 microhenrys at 1000 cyc, secd 7 microhenrys at 1000 cyc, pri c/o 3 1/4 turns #24 E wire, 0.012 ohms DC resistance, secd c/o 4 1/2 turns #24 E wire, 0.026 ohms DC resistance; approx 1.312" wd x 0.5" d x 2.875" h o/a; bakelite form, 0.5" OD x 1.75" lg; adj powdered iron core w/sldr adj through top of tube; two 1/8" diam mtg holes 1" c to c; one solder lug term on ea side of top, one solder lug term on front of tube; wax impr.     |                     |        | 16-C-76281-7812        | N16-T-7199-117  |                | 204589/08             | CZC | 7613                       | CZC        | 7613 1se1                   | RCH               |
| -47601                | TRANSFORMER, RF: 1/12/45<br>one wnd, single layer wnd w/tap; unshielded; pri rated 0.57 microhenrys at 1000 cyc, secd rated 1.44 microhenrys at 1000 cyc, pri c/o 3 1/2 turns #24 E wire, 0.023 ohms DC resistance, secd c/o 7 1/2 turns #24 E wire, 0.047 ohms DC resistance; approx 1.656" wd x 0.75" d x 3.25" h o/a; bakelite form, 0.75" OD x 2.25" lg; adj powdered iron core w/sldr adj through top of tube; two 1/8" diam approx holes 1.25" c to c; one solder lug term ea side of top of tube, one solder lug on front of tube; wax impr. |                     |        | 16-C-76320-8316        | N16-T-7199-115  |                | 204589/016            | CZC | 7609                       | CZC        | 7609 1se1                   | RCH               |
|                       |   |                     |        |                        |                 |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-136

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SHEET 47-137

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -47602                | RF TRANSFORMER: 1/12/45<br>RF transf; 1 wnd w/tap, single layer close wnd; unshielded; 25 turns of #24 wire, tapped at 6 1/2 turns; 3/4" OD x 3 1/4" lg, o/a w/o mtg bkt, 1 21/32" wd w/mtg bkt; powdered iron core, bakelite form; 3/4" OD x 2 1/4" lg; adj iron core; eodr adj through top of tube; two 1/8" approx diam mtg holes 1 1/4" c to c; 1 solder lug term on ea side of top of tube, 1 solder lug term on front of tube, 3 term total; wax impr; 1st sect 7 microhenries p/m 10%, 2nd sect 1.46 microhenries p/m 10% at 1000 cyc.         |                     |        | 16-C-76433-2216        | N16-T-6420-214 |                | 204589/C13            | CZC | 7605                       | CZC        | 7605 1ea 1                  | RCH               |
| -47603                | RF TRANSFORMER: 1/13/45<br>RF transf; 1 wnd, w/tap, 1 pie universal wnd; unshielded; 80 turns #34 single celanese covered wire tapped at 15 turns; 3/4" OD x 3 1/4" lg, o/a w/o mtg bkt, 1 21/32" wd w/mtg bkt; powdered iron core, bakelite form; 3/4" OD x 2 1/4" lg; adj iron core; eodr adj through top of tube; two 1/8" diam approx holes 1 1/4" c to c; 1 solder lug term on ea side of top of tube, 1 solder lug on front of tube; 3 term total; wax impr; 1st sect 140 microhenries p/m 10%, 2nd sect 13.5 microhenries p/m 10% at 1000 cyc. |                     |        | 16-C-76503-3881        | N16-T-6420-215 |                | 204589/C9             | CZC | 7601                       | CZC        | 7601 1ea 1                  | RCH               |
| -47604                | TRANSFORMER, IF: 1/13/45<br>peak freq 585 kc; first IF transf; unshielded; 2" lg x 1 3/4" wd x 5 1/4" max h o/a; tuned pri and sec; adj iron core; no integral mtg provisions supplied; six solder post term and one wire lead term from bottom of can; incl two 100 mmf capacitors, one across pri, the other across sec.  |                     |        | 17-T-6765-2945         | N16-T-6149-221 |                | 229642.49             | CZC | 7614                       | CZC        | 7614 1ea1                   | RCH               |
| -47605                | TRANSFORMER, IF: 1/13/45<br>peak freq 585 kc; second IF transf; unshielded; 2" lg x 1 3/4" wd x 5 1/4" max lg o/a; iron core; tuned pri and sec; adj iron core; no integral mtg provisions supplied; six solder post term and one solder lug term on bottom of can; incl two 100 mmf capacitors, one across pri, the other across sec.  |                     |        | 17-T-6765-2965         | N16-T-6149-222 |                | 229642.50             | CZC | 7615                       | CZC        | 7615 1ea1                   | RCH               |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-137

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SHEET 47-138

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFG# | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -47606                | TRANSFORMER, IF: 1/13/45<br>peak freq 585 kc; third IF trans; unshielded; 2" lg x 1 3/4" wd x 5 1/4" max h o/a; tuned pri and secd; adj iron core; no integral mtg provisions supplied; six solder post term and one solder lug term on bottom of can; incl two 100 mmf capacitors, one across pri, the other across secd, and one 0.1 meg resistor across secd, and one 50 mmf capacitor in series w/pri and one capacitor in series w/secd.  |                     |        | 17-T-67675-2955        | N16-T-6149-223 |                | 209642.47             | CZC  | 7675                       | CZC        | 7675 1scl                   | RCH               |
| -47607                | TRANSFORMER, RF: 1/15/45<br>two wnd, three pie universal wnd; unshielded; pri rated 1.2 millihenrys at 1000 cyc, secd rated 9.5 millihenrys at 1000 cyc, pri c/o 190 turns #34 celanese covered wire, 12.4 ohms DC resistance, secd c/o 730 turns #34 celanese covered wire, 44.5 ohms DC resistance; approx 2.062" wd x 0.75" d x 3.25" h o/a; bakelite form; 0.75" OD x 2.25" lg; adj powdered iron core w/secd adj through top of form; two 9/64" diam holes 1.75" c to c; four solder lug term on top of sides of coil form; wax impr. |                     |        | 17-T-82350-7153        | N16-T-7199-111 |                | 204589/03             | CZC  | 7595                       | CZC        | 7595 1scl                   | RCH               |
| -47608                | COIL, RF: 1/15/45<br>one wnd, one pie universal wnd; unshielded; rated 235 p/m 10% microhenrys at 1000 cyc, 6 ohms p/m 10% DC resistance, c/o 100 turns #34 celanese covered wire; approx 1" h x 1.687" wd x 1.437" d o/a; bakelite form, air core; form 1" h x 0.75" OD; one 1/8" diam hole in bkt mtd on side of coil extending 0.937" from form; two solder lug term mtd on outside of coil form; wax impr.   |                     |        | 16-C-73989-8201        | N16-T-7199-103 |                | 204589/01             | CZC  | 7498                       | CZC        | 7598 1scl                   | RCH               |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-138

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SHEET 47-139

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -47609                | COIL, RF: 1/15/45<br>one wnd, two pie universal wnd; unshielded; rated 1.5 millihenrys at 1000 cyc w/o iron core, c/o two pie wnd, ea pie 125 turns #34 celanese covered wire, 15.7 ohms DC resistance; approx 1.656" wd x 0.75" d x 2.75" h o/a; bakelite form 0.75" OD x 1.75" lg; adj powdered iron core w/scdr adj through top of form; two 9/16" diam mtg holes 1.25" c to c; two solder lug term mtd on sides of coil form; wax impr.  |                     |        | 16-C-76731-6770        | N16-T-7199-96  |                | 204533/05             | CZC | 7599                       | CZC        | 7599 1ee1                   | RCH               |
| -47610                | COIL, RF: 1/15/45<br>one wnd, single layer wnd; unshielded; rated 3.9 microhenrys at 1000 cyc, c/o 10 1/2 turns #30 E wire, 0.24 ohms DC resistance; approx 1.687" wd x 1.437" d x 1" h o/a; bakelite form, air core; form 0.75" OD x 1" h; one 9/64" diam hole on mtg bkt 15/16" lg on end of coil form; two solder lug term on bottom side of coil form; wax impr.   |                     |        | 16-C-76954-1001        |                |                | 204589/014            | CZC | 7606                       | CZC        | 7606 1ee1                   | RCH               |
| -47611                | COIL, RF: 1/15/45<br>one wnd, single layer wnd; unshielded; rated 2.7 microhenrys at 1000 cyc w/o iron core, c/o 12 1/2 turns #24 E wire, 0.072 ohms DC resistance; approx 1.656" wd x 0.75" d x 2.75" h o/a; bakelite form 0.75" OD x 1.75" lg; adj powdered iron core w/scdr adj through top of coil form; two 9/64" diam holes 1 1/4" o to c; two solder lug term on sides of coil form; wax impr.  |                     |        | 16-C-76963-5924        | N16-T-7199-97  |                | 204589/07             | CZC | 7607                       | CZC        | 7607 1ee1                   | RCH               |
| -47612                | TRANSFORMER, RF: 1/15/45<br>RF transf; 2 wnd, 3 pie universal wnd; unshielded; pri, 4.05 millihenrys p/m 10% at 1000 cyc, secd, 9.4 millihenrys p/m 10% at 1000 cyc; pri 800 turns #34 single celanese covered wire, secd 630 turns #34 single celanese covered wire; 3/4" OD x 2 1/4" lg, o/a, w/o mtg bkt end adj screw, 2 1/16" wd w/mtg bkt; bakelite, powdered iron core; 3/4" OD x 2 1/4" lg form; adj iron core; scdr adj through top of form; two 1/8" diam holes approx 1 3/4" c to c; 4 solder lug term mtd on sides of coil form; wax impr. |                     |        | 17-T-82359-3510        | N16-T-7199-102 |                | 204589/04             | CZC | 7596 1ee 1                 | CZC        | 7596 1ee 1                  | RCH               |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-139

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SHEET 47-140

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E B O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -47613                | COIL, RF: 1/16/45<br>retardation coil; two wnd, two pie duolateral; unshielded; wnd #1 c/o 130 turns #7-40 E wire, wnd #2 c/o 295 turns #7-40 E wire, rated 2.4 millihenrys p/m 5% at 320 kc, zero amp, 1/4w, 16.5 ohms max DC resistance; 2 1/2" lg x 1 5/16" OD o/a; phenolic form; adj powdered iron core w/scr adj one end; mts by 3/8"-24 thd mtg hole in ctr of form; four solder lug term on form; moistureproof.  |                     |        | 16-C-76899-5034        |                |                |                       | CW   | D-164466                   | CW         | BA-105654 1ss 3             | TS-5/AP           |
| -47614                | COIL, RF: 1/16/45<br>retardation coil; two wnd, three pie duolateral; unshielded; rated 9.7 millihenrys p/m 5% at 80 kc, zero amp, 1/4w, 38.5 ohms max DC resistance, wnd #1 c/o 220 turns #7-40 E wire, wnd #2 c/o two sect, one with 365 turns #7-40 E wire, one w/326 turns #7-40 E wire; 2 1/2" lg x 1 5/16" OD o/a; phenolic form; adj powdered iron core w/scr adj one end; mts by one 3/8"-24 thd mtg hole in ctr of form; four solder lug term on form; moisture proof. |                     |        | 16-C-76899-5521        |                |                | 3C1987-98             | CW   | D-164467                   | CW         | BA-105654 1ss 3             | TS-5/AP           |
| -47615                | COIL, RF: 1/16/45<br>retardation coil; two wnd, three pie duolateral; unshielded; rated 48.4 millihenrys p/m 5% at 15 kc, zero amp, 1/4w, 38.5 ohms max DC resistance, wnd #1 c/o 490 turns #35 E wire, wnd #2 c/o two sect one w/825 turns #35 E wire one w/735 turns #35 E wire; 2 1/2" lg x 1 5/16" OD o/a; phenolic form; adj powdered iron core w/scr adj one end; mts by 3/8"-24 thd mtg hole in ctr of core; four solder lug term on form; moistureproof.                |                     |        | 16-C-76915-2080        |                |                | 3C1988-15             | CW   | D-164468                   | CW         | BA-105654 1ss 3             | TS-5/AP           |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-140

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SHEET 47-141

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | COR-TRACTOR | CONTRACTOR'S DWG OR PART NO          | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|-------------|--------------------------------------|-------------------|
| -47616                | COIL, RF: 1/16/45<br>retardation coil; two wnd, three pie duolateral; un-shielded; rated 98.6 millihenrys p/m 5% at 10 kc, zero amp, 1/4w, 285 ohms max DC resistance, wnd #1 c/o 700 turns #36 E wire, wnd #2 c/o two sect one w/1200 turns #36 E wire one w/1050 turns #36 E wire; 2 1/2" lg x 1 5/16" OD o/a; phenolic form; adj powdered iron core w/secdr adj one end; mts by one 3/8"-24 thd mtg hole in ctr of core; four solder lug term on form; moistureproof.   |                     |        | 16-C-76915-7707        |                |                | 301988-16             | OW   | D-164469                   | OW          | BA-105654 1es1                       | TS-5/AP           |
| -47617                | IF TRANSFORMER ASSEMBLY: 1/17/45<br>freq range 950 to 1150 kc, peak freq 1050 kc; 1st IF transf; shielded in rectangular aluminum can; 2 1/4" lg x 1 9/32" sq o/a; 2 adj iron slugs, phenolic core form; tuned pri and secd; adj iron core tuning; mtd by two #6-32 thd x 5/16" lg spade lugs 1 11/32" c to c; 4 solder lug term on bottom of can; varnish impr.   |                     |        | 17-T-67729-5521        | N16-T-6013     |                |                       | CAQK | A-251                      | CFE         | 300.449<br>35.441<br>80.62<br>90.864 | DAS-4(4)          |
| -47618                | NETWORK, pulse forming: 1/17/45<br>pulse peaking coil; aluminum case; rated 10.5 millihenrys p/m 5% at 100 kc, 77 ohms DC resistance, Q is 40 w/264 mmf to resonate on Q meter, c/o 530 turns #36 ES wire; 1 9/32" lg x 1 9/32" wd x 2 9/16" h o/a incl term; two 5/16" lg x #6-32 thd spade bolts; 1 11/32" c to c; wnd on phenolic form.   |                     |        | 16-N-60951-1026        | N16-N-468-50   |                |                       | CAQK | A250                       | CFE         | 300.473<br>80.62                     | DAS-4             |
| -47619                | TRANSFORMER, variable RF: 1/17/45<br>osc transf; two wnd, three pie universal wnd; shielded in rectangular aluminum can; pri dual sect, ea sect c/o 150 turns #32 ES wire, 8.8 ohms total DC resistance, rated 1200 microhenrys p/m 5% at 1000 cyc w/o core, secd one sect c/o 150 turns #32 ES wire, 4.4 ohms DC resistance, rated 420 microhenrys p/m 5% at 1000 cyc w/o core, secd is CT; 2 1/4" lg x 1 9/32" wd x 1 9/32" h excluding term and mtg studs; phenolic tubing form, iron core; 1 29/32" lg x 1/2" OD; adj iron core w/ scdr adj at top and bottom of can; two 5/16" lg x #6-32 thd spade lugs 1 11/32" c to c; five solder lug term on bottom of can; varnished. |                     |        | 17-T-81582-6944        |                |                |                       | CAQK | A-249                      | CFE         | 300.472<br>80.62                     | DAS-4             |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO            | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|--|-------------------|
| -47620                | COIL, RF: 1/17/45<br>RF choke; one wnd, one pie universal wnd; shielded in sq aluminum can; rated 53 millihenrys at 1000 cyc, zero amp DC, 153 ohms DC resistance, c/o 1645 turns #38 ES wire; 2 1/4" lg x 1 9/32" wd x 1 9/32" d o/a excluding term and mtg studs; phenolic form, iron core; form 1/2" OD x 1 29/32" lg; two 5/16" lg x #6-32 thd spade lugs 1 11/32" c to c; two solder lug term on bottom of can; varnish impr. |                     |        | 16-C-75477-6965        | N16-C-13203    |                |                       | CAQK | A202                       | CFE        | 300.451<br>CFE 35.422-1,2<br>CFE 80.62 | DAS-4(2)          |
| -47621                | COIL, RF: 1/17/45<br>one wnd, single layer wnd; unshielded; rated seven microhenrys at 1000 cyc, c/o 15 turns #30R wire, 0.34 ohms DC resistance; approx 1.687" wd x 1.437" d x 1" h o/a; bakelite form, air core; form 1" h x 0.75" OD; one 9/64" diam hole in single mtg bkt 15/16" lg; two solder lug term on bottom side of coil form; wax impr.   |                     |        | 16-C-73046-1137        | N16-T-7199-98  |                | 204589/C10            | CZC  | 7602                       | CZC        | 7602 1es1                              | RCH               |
| -47622                | COIL, RF: 1/17/45<br>one wnd, single layer wnd; unshielded; rated 15 microhenrys at 1000 cyc w/o iron core; approx 1.656" wd x 0.75" d x 2.75" h o/a; bakelite form 0.75" OD x 1.75" lg; adj powdered iron core w/scdr adj through top of coil form; two 9/64" diam holes 1.25" c to c; two solder lug term on sides of coil form; wax impr.   |                     |        | 16-C-76621-5924        | N16-T-7199-99  |                | 204589/C11            | CZC  | 7603                       | CZC        | 7603 1es1                              | RCH               |
| -47623                | COIL, RF: 1/17/45<br>one wnd, single layer wnd; unshielded; rated 2.7 microhenrys at 1000 cyc; 1" h x 1.687" wd x 1.437" d o/a; bakelite form, air core; form 0.75" OD x 1" lg; one 9/64" diam hole in single mtg bkt 15/16" lg; two solder lug term on bottom sides of coil form; wax impr.   |                     |        | 16-C-72896-2177        | N16-T-3981     |                | 204589/C17            | CZC  | 7610                       | CZC        | 7610 1es1                              | RCH               |
| -47624                | COIL, RF: 1/17/45<br>one wnd, single layer wnd; unshielded; rated 0.83 microhenrys at 1000 cyc w/o iron core; 2.875" h x 1.312" wd x 1.032" d o/a; bakelite form 0.5" OD x 1.75" lg; adj powdered iron core w/scdr adj through top of form; two 9/64" diam holes 1" o to c; two solder lug term on top sides of form; wax impr.  |                     |        | 16-C-76524-5963        | N16-T-3982     |                | 204589/C15            | CZC  | 7611                       | CZC        | 7611 1es1                              | RCH               |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO    | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|--------------------------------|-------------------|
| -47625                | TRANSFORMER, RF: 1/17/45<br>two wnd, three pie universal wnd; unshielded; pie rated 22 millihenrys at 1000 cyc, secd rated 1.22 millihenrys at 1000 cyc w/o core; approx 2.062" wd x 0.75" d x 3.25" h o/a; bakelite form 0.75" OD x 2.25" lg less core; adj powdered iron core w/scdr adj through top of form; two 9/64" holes 1.75" c to c; four solder lug term mtd on top sides of coil form; wax impr.  |                     |        | 17-T-82350-8786        | N16-T-7199-112 |                | 204589/06             | CZC | 7600                       | CZC        | 7600 1ss 1                     | RCH               |
| -47626                | ANTENNA MATCHING TRANSFORMER: 1/17/45<br>to match amplr output impedance to ant; to match 200 ohms w/400 to 800 ohms balanced open wire transmission line, or 200 ohms concentric line; c/o 1 CBK Capacitor type #XP-325-KD, 76 mmf to 650 mmf, 1 CW Tuning Coil dwg #ES-550307 assem A, 1 CW Tuning Coil dwg #ES-550307 assem B, 2 CHA RF Chokes type R-154U (modified), 1 millihenry, 0.6 amp w/metal base removed, and 1 CGT Switch type #710, DPDT, 25 amp; 19" wd x 7 7/8" h x 19 1/4" lg, o/a; panel mtd, 4 mtg slots 1/2" lg x 1/4" wd on 18 1/2" x 3 7/8" mtg/c. |                     |        | 16-N-30325-1062        |                |                |                       | CW  |                            | CW<br>CW   | ES0-754909 1ss 3<br>ES0-550019 | TEF               |
| -47627                | TRANSFORMER, RF: 1/17/45<br>RF transf; 2 wnd, layer wnd; unshielded; pri, 15.8 microhenries p/m 10% at 1000 cyc, secd, 16.2 microhenries p/m 10% at 1000 cyc; pri 20 turns #34 single celanese covered wire, secd 34 turns #24 E wire; 2 1/4" lg x 3/4" OD w/o mtg bkt and adj screw, 1 21/32" wd w/mtg bkt; bakelite form, 2 1/4" lg x 3/4" OD powdered iron core; adj iron core; scdr adj through top of form; 2 mtg bkt, two 9/64" diam holes 1 1/4" c to c; 4 solder lug term, 2 ea on top and bottom side of coil form; wax impr.                                   |                     |        | 17-T-82297-8126        | N16-T-7199-113 |                | 204589/012            |     |                            | CZC        | 7604 1ss 1                     | RCH               |
| -47628                | TRANSFORMER, RF: 1/17/45<br>RF transf; 2 wnd, single layer wnd, pri inter-wnd w/secd; unshielded; pri. 1.25 microhenries p/m 10% at 1000 cyc, secd, 2.75 microhenries p/m 10% at 1000 cyc; pri 6 1/2 turns #26 DC wire, secd 13 1/2 turns #24 E wire; 3/4" OD x 2 1/4" lg, o/a, w/o mtg bkt and adj screw, 1 21/32" wd w/mtg bkt; bakelite form, powdered iron core; form 3/4" OD x 2 1/4" lg less core; adj iron core; scdr adj through top of form; two 9/64" diam holes 1 1/4" c to c; 4 solder lug term, 2 ea on top and bottom sides of coil form; wax impr.        |                     |        | 17-T-82269-8911        | N16-T-7199-101 |                | 204589/018            |     |                            | CZC        | 7606 1ss 1                     | RCH               |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO                | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO | EQUIPMENT USED IN                              |
|-----------------------|--|---------------------|--------|------------------------|-------------------------------|----------------|-----------------------|-----|----------------------------|------------|----------------------------|--|
| -47629                | TRANSFORMER, RF: 1/17/45<br>two wnd, single layer wnd pri interwnd w/secd; unshielded; pri rated 0.63 microhenrys at 1000 cyc, secd rated 0.73 microhenrys at 1000 cyc; approx 1.312" wd x 1.031" d x 2.875" h o/a; bakelite form 0.5" OD x 1.75" lg less core; adj powdered iron core w/secdr adj through top of coil form; two 9/64" diam holes 1" c to c; four solder lug term, two ea on bottom and top sides of coil form; wax impr.  |                     |        | 17-T-82268-1626        | N16-T-7199-116                |                | 204589/C19            | CZC | 7612                       | CZC        | 7612 1ss1                  | RCH  |
| -47630                | TRANSFORMER, RF: 1/17/45<br>RF transf; 1 wnd w/tap, 1 pie universal wnd; unshielded; 126 turns #7-41 Litz tapped at eleventh turn; 2 1/4" lg x 7/8" OD w/o mtg bkt, or adj screw, 1 9/16" wd w/mtg bkt; bakelite form, powdered iron core; 2 1/4" lg x 3/4" OD form; adj iron core; secdr adj through top of coil form; two 9/64" diam holes 1 1/4" c to c, 2 mtg bkt; 3 solder lug term, 2 on top side and 1 on bottom side of coil form; wax impr c/o 2 sect, sect #1, 13 microhenrys p/m 10%, sect #2, 245 microhenrys p/m 10%. |                     |        | 16-C-76503-8239        | N16-T-7199-118                |                | 204589/C2             | CZC | 7597                       | CZC        | 7597 1ss 1                 | RCH  |
| -47631                | COIL, RF: 1/17/45<br>retardation coil; single wnd, duolateral wnd; unshielded; rated 0.55 millihenrys max, 0.5 millihenrys min at 1800 cyc, 3.6 ohms DC resistance max, 300 ma max, c/o 184 turns #29ES wire; approx 1 7/16" OD x 1 5/32" lg o/a; air core, phenolic plastic form; mts by 5/32" diam mtg hole ctr of form; two solder lug term on base.  |                     |        | 16-C-75476-8016        | N16-RC-17788<br>N16-C-13216-5 |                | 3C1988-3              | CW  | 200BJ                      | CW         | SS-682036-7 1ss5           | SV<br>SL<br>SL-a<br>SL-1<br>SJ<br>SJ-a<br>SJ-1 |
| -47632                | COIL, RF: 1/18/45<br>RF choke; one wnd, single layer wnd; unshielded; rated 10 microhenrys at 10v, 1000 cyc, 0.17 ohms DC resistance; 1/2" OD x 2 1/4" lg o/a; bakelite form, air core; form 7/16" OD x 1 3/4" lg; mtd by one solder lug term on ea end of coil form; wax impr.  |                     |        | 16-C-73113-4701        | N16-C-13179-4                 |                | 3C323-84A             | CZC | 5046A                      | CZC        | 5046A 1ss1                 | RCH  |
|                       |  |                     |        |                        |                               |                |                       |     |                            |            |                            |  |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTUAL DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|-----------------|----------------|-----------------------|------|----------------------------|------------|----------------------------|-------------------|
| -47633                | COIL, RF: 1/18/45<br>wave trap; one wnd, one pie universal wnd; unshielded; rated 475 microhenrys at 1000 cyc; 2 7/8" lg x 1 11/32" wd x 1 11/32" d o/s; bakelite form 7/16" OD x 1 3/4" lg; adj iron core w/scdr adj through end of coil form; two 9/64" diam holes 1" c to c; two solder lug term on wafer on end of coil form; wax impr, incl built in trimmer capacitor rated 100 mmf.  |                     |        | 16-C-76686-5960        | N16-T-18549     |                | 30323-84B             | CZC  | 7616                       | CZC        | 7616 iss2                  | RCH               |
| -47634                | TRANSFORMER, VARIABLE RF: 1/18/45<br>RF transf; 1 wnd, 1 pie universal wnd, c/o 2 sect; unshielded; 1st sect 4.7 microhenries p/m 10% at 1000 cyc, 2nd sect 376 microhenries p/m 10% at 1000 cyc w/o core; 200 turns #34 wire tapped at 35 turns; 1 3/4" lg x 1 11/32" wd x 1 11/32" h, o/s; bakelite form, iron core; 7/16" OD x 1 3/4" lg form; adj iron core, capacitor across entire wnd; scdr adj through top of form; mtg bushing 3/8"-32 thd x 5/16" lg on end of form; 4 solder lug on end of form; wax impr. |                     |        | 16-C-76504-6237        | N16-T-7199-122  |                | 229642.48             |      |                            | CZC        | 7617 iss 2                 | RCH               |
| -47635                | COIL, RF: 1/19/45<br>RF coil; one wnd, single layer wnd; unshielded; rated 2.75 microhenrys at 1000 cyc; 1" h x 1.687" wd x 1.437" d o/s; bakelite form, air core; form 1" h x 0.75" OD; one 9/64" diam hole in mtg bkt 15/16" lg; two solder lug term on side of coil form; wax impr.  |                     |        | 17-T-72898-7780        | N16-C-14373-252 |                |                       | CZC  | 5054                       | CZC        | 5054 iss1                  | RBO               |
| -47636                | COIL, RF: 1/19/45<br>ant secd coil; one wnd, single layer wnd; unshielded; rated 4.9 microhenrys at 1000 cyc w/o core; approx 2.75" max lg x 1.656" wd x 0.75" d o/s; bakelite form 0.75" OD x 1.75" lg; adj powdered iron core w/scdr adj through top of coil form; two 9/64" diam holes 1.25" c to c; two solder lug term on side of form.  |                     |        | 16-C-76582-5924        | N16-T-7096-5    | R16-C-16848    | 3C1084240-9           | CZC  | 5055                       | CZC        | 5055 iss1                  | RBO               |
| -47637                | COIL, RF: 1/19/45<br>ant pri coil; one wnd, single layer wnd; unshielded; rated 8.1 microhenrys at 1000 cyc, 10v; approx 1 3/8" lg x 1 1/2" wd x 3/4" d o/s; bakelite form, air core; form 3/8" OD x 1" lg; one 9/64" diam hole on single mtg bkt 3/8" lg; two solder lug term on side of form; wax impr.   |                     |        | 16-C-73065-2177        | N16-T-7096-1    |                | 3C1084240-8           | CZC  | 7305                       | CZC        | 7305 iss2                  | RBO-2             |
|                       |   |                     |        |                        |                 |                |                       |      |                            |            |                            |                   |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -47638                | TRANSFORMER, RF: 1/20/45<br>two wnd, pri single layer wnd, eecd single layer; unshielded; pri c/o 2 turns of 16 strands #36 wire, 0.02 ohms DC resistance, eecd c/o 2 turns of 0.01" x 0.156" silver pl copper ribbon, 0.01 ohms DC resistance; 2 9/16" lg x 1" OD o/a; bakelite form 19/32" OD x 1 9/16" lg; adj copper core w/ecdr adj through end of form; one mtg bushing 3/4" diam; two ribbon studs, one ea on top and bottom sides of form, two solder lug term on bottom sides of form; was impr, pri and eecd resonant at 100 mc, pri w/14 to 18 mmf, eecd w/28 to 32 mmf capacitor.             |                     |        | 17-T-82436-6561        | N16-T-18534    |                |                       | CZC  | 8469                       | CZC        | 8469 1ee1                   | RCK               |
| -47639                | COIL, RF: 1/20/45<br>ant coil; one wnd, single layer wnd; unshielded; wnd c/o 2 turns 0.01" x 0.156" silver pl copper ribbon, 0.01 ohms DC resistance; 2 7/16" lg x 7/8" OD o/a; bakelite form 19/32" OD x 1 9/16" lg; adj copper core w/ecdr adj through end of form; one mtg bushing 3/4" diam; two ribbon studs, one ea on top and bottom sides of form; was impr, resonant at 100 mc w/28 to 32 mmf capacitor.  |                     |        | 16-O-76197-9543        | N16-T-18530    |                |                       | CZC  | 8537                       | CZC        | 8537 1ee1                   | RCK               |
| -47640                | TRANSFORMER, RF: 1/20/45<br>two wnd, pri, single layer wnd, eecd, single layer wnd; unshielded; pri c/o 6 turns #26 ES wire, 0.05 ohms DC resistance, eecd c/o 2 turns 0.01" x 0.156" silver pl copper ribbon, 0.01 ohms DC resistance; 2 7/16" lg x 7/8" OD o/a; bakelite form 19/32" OD x 1 9/16" lg; adj copper core w/ecdr adj through end of form; one mtg bushing 3/4" diam; two ribbon stud term, one ea on top and bottom sides of form, two solder lug term on bottom sides of form; was impr, pri resonant at 40 mc w/17 to 21 mmf capacitor, eecd resonant at 100 mc w/28 to 32 mmf capacitor. |                     |        | 17-T-82436-6563        | N16-T-18532    |                |                       | CZC  | 8539                       | CZC        | 8539 1ee1                   | RCK               |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

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SHEET 47-147

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -47641                | TRANSFORMER, RF: 1/22/45<br>RF coil; 1 wnd, ribbon single layer wnd w/1 tap; unshielded; 2 turns of ribbon; 1 9/16" lg x 19/32" OD w/o mtg bushing; bakelite form, iron core; form 19/32" OD x 1 17/32" lg; scdr adj through end of form; 1 mtg bushing 3/4" diam; stud term, 1 ea on top and bottom sides of form; wax impr, resonant at 100 mc w/28 to 32 mmf capacitor.  |                     |        | 16-C-76197-9414        | N16-T-18531    |                |                       | CZC | 8538                       | CZC        | 8538 1ea 2                  | RCK               |
| -47642                | TRANSFORMER, RF: 1/22/45<br>RF transf; 2 wnd, single layer wnd; unshielded; pri 2 turns #24 E wire, secd 4 1/2 turns #24 E wire; 1 13/16" lg x 1" OD, o/a, w/o mtg stud and adj core; bakelite form, iron core; 1/2" OD x 1 13/16" lg less core and mtg stud; adj powdered iron core; scdr adj through end of term; one #10-32 thd x 5/16" lg mtg stud; 4 solder lug term on sides of coil form; wax impr, pri resonant at 100 mc w/16 to 20 mmf capacitor; secd resonant at 60 mc w/19 to 23 mmf capacitor; similar to Navy Type 47643 except for size of secd wire spacing. |                     |        | 17-T-82436-6565        | N16-T-18533    |                |                       |     |                            | CZC        | 8540 1ea 1                  | RCK               |
| -47643                | TRANSFORMER, RF: 1/22/45<br>RF transf; 2 wnd, single layer wnd; unshielded; pri 2 turns #24 E wire, secd 4 1/2 turns #24 E wire; 1 13/16" lg x 1" OD, o/a, w/o mtg stud or adj core; bakelite form, iron core; 1/2" OD x 1 13/16" lg less core and mtg stud; adj powdered iron core; scdr adj through end of form; one #10-32 thd mtg stud; 4 solder lug term on sides of form; wax impr, pri resonant at 100 mc w/16 to 20 mmf capacitor, secd resonant at 60 mc w/19 to 23 mmf capacitor; similar to Navy Type 47642 except for size of secd wire spacing.                  |                     |        | 17-T-82436-6567        | N16-T-18536    |                |                       |     |                            | CZC        | 8471 1ea 2                  | RCK               |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -47644                | COIL, RF: 1/22/45<br>oec coil; one wnd, single layer wnd; unshielded; rated 2.9 millihenrys wnd c/o 14 1/2 turns #24 E wire, 0.07 ohms DC resistance; 2 1/8" lg x 1" OD o/a; bake-form, air core; form 1/2"OD x 1 13/16"lg; one 5/16"lg #10-32 thd mtg stud on one end of form; four solder lug term on sides of form; wax impr, resonant at 25 mc w/12 to 16 mmf capacitor.  |                     |        | 16-C-72903-4753        | N16-T-18535    |                |                       | CZC | 8470                       | CZC        | 8470 1ee-1                  | RCK               |
| -47645                | COIL, RF: 1/22/45<br>RF choke; one wnd, single layer wnd; unshielded; rated 2 microhenrys at 1000 cyc; approx 2 1/4" h x 1 3/8" wd x 1/2" d o/a; bakelite form, air core; form 1/2" OD x 1 3/4" lg; two 9/64" diam holes 1" c to c; two solder lug term, one ea on top and bottom end of form; wax impr.  |                     |        | 16-C-72860-3694        | N16-C-13179-3  |                |                       | CZC | 8475                       | CZC        | 8475 1ee2                   | RCK               |
| -47646                | TRANSFORMER, IF: 1/22/45<br>peak freq 12 mc; first IF transf; shielded in rectangular metal can; 2 3/16" lg x 1 3/4" wd x 1 1/2" d o/a excluding term and mtg studs; powdered iron core; scdr adj powdered iron core tuning; two 11/16" lg x #6-32 thd mtg studs 1" c to c and one mtg bkt 2 3/16" lg x 7/16" wd; four solder lug term on side of can; wax impr, polystyrene coil form, incl built-in JAN CM20C181J capacitor across pri. |                     |        | 17-T-68061-2207        | N16-T-6116     |                |                       | CZC | 8533                       | CZC        | 8533 1ee2                   | RCK               |
| -47647                | TRANSFORMER, IF: 1/22/45<br>peak freq 12 mc; first IF stage; unshielded; 4 5/8" lg x 1 5/16" wd x 1 3/4" lg o/a; tuned pri and secd; adj iron core w/scdr adj at top of form; no integral mtg provisions supplied; four solder lug term on bottom of form; wax impr, incl one 250 mmf capacitor across secd.  |                     |        | 17-T-68058-7148        | N16-T-18528-1  |                |                       | CZC | 8210                       | CZC        | 8210 1ee4                   | RCK               |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-148

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SHEET 47-149

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -47648                | TRANSFORMER, IF: 1/23/45<br>peak freq 12 mc; second, third, fourth and fifth IF stage; unshielded; 5 1/4" h x 1 5/16" wd x 1 3/4" lg o/a; tuned pri and sec; adj iron core w/sedr adj at top of form; no integral mtg provisions supplied; four solder lug term on bottom of form; wax impr, incl two 250 mmf capacitors, one across pri, the other across sec. |                     |        | 17-T-68058-7028        | N16-T-18528    |                |                       | CZC | 8211 to 14                 | CZC        | 8211 to 14 1ss4             | RCK               |
| -47649                | TRANSFORMER, IF: 1/23/45<br>peak freq 12 mc; sixth IF stage; unshielded; 5 1/4" h x 1 5/16" wd x 1 3/4" lg o/a; tuned pri and sec; adj iron core w/sedr adj at top of form; no integral mtg provisions supplied; four solder lug term on bottom of form; wax impr, incl one 250 mmf capacitor across pri, and one 50 mmf capacitor across sec.                  |                     |        | 17-T-68058-7053        | N16-T-18529    |                |                       | CZC | 8215                       | CZC        | 8215 1ss5                   | RCK               |
| -47650                | SUPPRESSOR, parasitic: 1/24/45<br>resistor and coil; 2 5/16" lg x 0.5" OD o/a; coil rated 775 microhenrys, resistor rated 15,000 ohms, 1/2w; uncased; mtd by two pigtail term ea 1" lg; wax impr.   |                     |        | 16-S-89816-3075        | N16-N-493-21   |                |                       | CZC | 9009                       | CZC        | 9009 1ss2                   | RDO               |
| -47651                | COIL, RF: 1/24/45<br>RF choke; one wnd, single layer wnd; unshielded; rated 1.4 microhenrys at 1000 cyc; 3.25" lg x 0.281" OD o/a; phenolic fibre form, air core; form 1/4" OD x 1.25" lg; mtd by two pigtail term 1" lg, one at ea end of form; wax impr.  |                     |        | 16-C-72813-2891        |                |                |                       | CZC | 9118                       | CZC        | 9118 1ss3                   | RDO               |
| -47652                | COIL, RF: 1/24/45<br>RF choke; one wnd, single layer wnd; unshielded; rated 0.86 microhenrys at 1000 cyc; 0.281" OD x 3" lg o/a; phenolic fibre form, air core; form 1/4" OD x 1" lg; mtd by two pigtail term 1" lg, one at ea end of form; wax impr.   |                     |        | 16-C-72770-1001        | N16-C-13200-11 |                |                       | CZC | 9016                       | CZC        | 9016 1ss2                   | RDO               |
| -47653                | COIL, RF: 1/24/45<br>RF choke; one wnd, single layer wnd; unshielded; rated 1.4 microhenrys at 30 mc; 7/32" OD x 3 27/32" lg o/a; phenolic form, air core; form 7/32" OD x 27/32" lg; mtd by two pigtail term 1 1/2" lg, one at ea end of form; wax impr.   |                     |        | 16-C-72812-6221        | N16-C-13150-14 |                |                       | CZC | 9129                       | CZC        | 9129 1ss1                   | RDO               |

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SUPPLEMENT # 1

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SHEET 47-150

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR         | CONTRACTOR'S DWG OR PART NO         | EQUIPMENT USED IN     |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|--------------------|-------------------------------------|-----------------------|
| -47654                | TRANSFORMER, IF: 1/24/45<br>peak freq 30 mc; second IF stage; unshielded; 4 3/4" h x 1 5/16" wd x 1 3/4" lg o/a; tuned pri and secd; adj iron core w/sodr adj at top and bottom of form; two 1/8" approx diam holes 1.312" c to c; four solder lug term on bottom of form; wax impr, incl 10 mmf capacitor and 4100 ohm resistor across pri, and 10 mmf capacitor across secd; similar to NF-47655 except for size of pri capacitor.   |                     |        | 17-T-68250-1111        | N16-T-6271-2   |                |                       | CZC  | 9026                       | CZC                | 9026 1ae2                           | RDO                   |
| -47655                | TRANSFORMER, IF: 1/24/45<br>peak freq 30 mc; third IF stage; unshielded; 4 3/4" h x 1 3/4" lg x 1 5/16" wd o/a; tuned pri and secd; adj iron core w/sodr adj at top and bottom of form; two 1/8" approx diam mtg holes 1.312" c to c; four solder lug term on bottom of form; wax impr, incl 5 mmf capacitor and 4100 ohm resistor across pri, and 10 mmf capacitor across secd, similar to NF-47654 except for size of pri capacitor. |                     |        | 17-T-68272-1121        | N16-T-6271-3   |                |                       | CZC  | 9028                       | CZC                | 9028 1ae2                           | RDO                   |
| -47656                | COIL, RF: 1/24/45<br>one wnd, four layer wnd; unshielded; rated 75 microhenrys at 1,000 cyc, four layers c/o 13 turns #8 double glass covered copper wire per layer; 2 3/8" lg x 1 3/4" OD o/a; bakelite form powdered iron core; form 2 1/16" lg x 1/2" OD; one #8-32 thd x 2 1/2" lg mtg screw through ctr of form; two wire lead term on end of form; vacuum varnish impr.  |                     |        | 16-C-73662-5479        |                |                |                       | CSL  | EL-108                     | CFT<br>CSL         | A-133-55 rev0<br>F6585 1aeA         | CMT-211275            |
| -47657                | COIL, RF: 1/24/45<br>one wnd, four layer wnd; unshielded; rated 428 microhenrys at 1,000 cyc, four layers c/o 34 turns #17 double glass covered copper wire per layer; 2 3/16" lg x 1" OD o/a; bakelite form, powdered iron core; form 2 3/16" lg x 1/2" OD; one #8-32 thd x 2 1/2" lg, mtg screw through ctr of form; two wire lead term on end of form; vacuum varnish impr.   |                     |        | 16-C-74107-6451        |                |                |                       | CSL  | EL-101                     | CFT<br>CALG<br>CSL | A-133-50<br>A 79<br>F6444 1aeB rev1 | CMT-211275<br>OBV (4) |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-150

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SHEET 47-151

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|----------------------------|-------------------|
| -47658                | COIL, RF: 1/24/45<br>one wnd, four layer wnd; unshielded; rated 95 microhenrys at 1,000 cyc, four layers c/o 16 turns #6 double glass covered copper wire per layer; 2 3/16" lg x 2 3/16" OD o/a; bakelite form, powdered iron core; one #10-32 thd x 2 1/2" lg mtg screw through ctr of form; two wire lead term on end of form; vacuum varnish impr.  |                     |        | 16-C-73717-6281        |                |                |                       | CSL | EL-107                     | CBT<br>CSL | A-133-55<br>F6547 168B     | CHT-211275        |
| -47659                | COIL, RF: 1/24/45<br>RF filter coil; one wnd, single layer wnd; shielded in cylindrical can; rated 45 microhenrys; c/o 70 turns #20E wire, 0.19 ohms DC resistance; form 1" OD x 3 3/4" lg; mtd by two #6-32 thd mach screws; two term, one ea end of coil; protective case housing coil w/openings to term.  |                     |        | 16-C-73522-2389        | N16-C-14377-5  |                |                       | CRV | M-433694-501               | CRV        | M-433694-501<br>sub2       | SR-2              |
| -47660                | TRANSFORMER, IF: 1/24/45<br>peak freq 30 mc; fifth IF stage; unshielded; 4 3/4" h x 1 3/4" lg x 1 5/16" wd o/a; tuned pri and secd; adj powdered iron core w/sldr adj at top and bottom of form; two 1/8" approx diam mtg holes 1.312" c to c; four solder lug term on bottom of form; wax impr, incl a 10 mmf capacitor and a 4100 ohm resistor across pri, and a 22,000 ohm resistor across secd. |                     |        | 17-T-68250-1141        | N16-T-6271-4   |                |                       | CZC | 9030                       | CZC        | 9030 1682                  | RDC               |
| -47661                | TRANSFORMER, IF: 1/24/45<br>peak freq 30 mc; fourth IF stage; unshielded; 4 3/4" h x 1 3/4" lg x 1 5/16" wd o/a; tuned pri and secd; adj powdered iron core w/sldr adj at top and bottom of form; two 1/8" approx diam mtg holes 1.312" c to c; four solder lug term on bottom of form; wax impr, incl a 10 mmf capacitor and 4100 ohm resistor across pri, and 2700 ohm resistor across secd.      |                     |        | 17-T-68250-1101        | N16-T-6271-1   |                |                       | CZC | 9029                       | CZC        | 9029 1682                  | RDC               |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                            |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                            |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                            |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-151

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SHEET 47-152

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN        |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|--------------------------|
| -47662                | COIL, RF: 1/26/45<br>choke coil; one wnd, three pie wnd; unshielded; ea pie rated 2.5 millihenrys 1700v AC, 5 amp, at 600 to 1200 kc, ea pie c/o 200 turns #18 DC wire, 1.1 ohms DC resistance; 8 1/2" lg x 2 5/8" wd x 4 7/8" h o/a; micarta form, air core; form 2" OD x 8" lg; two mtg feet w/holes in ea 7 1/8" c to c; two solder lug term inside coil form.   |                     |        | 16-C-74750-8659        |                |                |                       | CAY  | L-118                      | CAY        | T-7608177-118<br>rev 0      | TBU thru<br>TBU-4        |
| -47663                | TRANSFORMER, RF: 1/27/45<br>input transf; two wnd pri CT, layer wnd; shielded in cylindrical metal can; pri 3.05 ohms DC resistance, 170 turns #28E wire, tapped at 85 turns, secd 2.23 ohms DC resistance 100 turns #28E wire, turn ratio pri to secd is 17 to 10, freq response 21 to 26 kc, 500v ins; 2 3/4" lg x 2 1/4" wd x 2 1/4" h o/a excluding term; iron core; mts by four 0.180" diam holes on 1 7/8" x 1 7/8" mtg/c; five solder lug term on top of case; incl two fixed capacitors one rated 0.03 mf, the other 0.08 mf. |                     |        | 17-T-81341-1034        | N16-T-7149     |                |                       | CRV  | 901660-501                 | CRV        | K-901660-501<br>sub3        | QGB (2)                  |
| -47664                | COIL, tube focusing: 1/30/45<br>steel housing, cad pl rated 30 ma, 275 vact, c/o 26,000 turns #36E wire, 8000 ohms DC resistance; 4 5/8" OD x 1 1/2" lg o/a; mts on base of CR tube by hole through ctr of form; coil potted w/impr compound has two term, case has handle 3/8" diam x 2 1/2" lg.   |                     |        | 16-C-77250-5501        | N16-RC-19534   |                | 3C575-18              | CRP  | 7710769-1                  | CAY        | P-7710769-1 sub4            | SR<br>SR-5               |
| -47665                | COIL, RF: 2/7/45<br>RF choke; single wnd, pie wnd; unshielded; rated 500 microhenrys p/m 10%, c/o 253 turns #36 ES wire, 10.25 ohms max DC resistance body 7/16" lg x 1/2" diam o/a; ceramic form, air core; form 7/16" lg x 7/32" OD; mtd by two wire pigtaills 1 1/2" lg; tropicalized.   | RE13A554D           |        | 16-C-74128-1041        | N16-RC-17705   |                |                       | CFW  | 12579                      | CEM<br>CEM | 920-504<br>100CA-114 alt0   | SF<br>SF-1<br>SU<br>SU-1 |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                          |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                          |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

**RESTRICTED**

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SHEET 47-153

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO          | EQUIPMENT USED IN      |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|--------------------------------------|------------------------|
| -47666                | COIL, RF: 2/8/45<br>RF choke; single wnd, four layer wnd; unshielded; rated 180 microhenrys at 1000 cyc, 10 amp, 0.036 ohms DC; c/o 25 turns per layer of #14 double glass covered sq copper wire; 2 3/16" lg x 1 1/8" OD o/a; fish paper form, powdered iron core; one #8-32 thd x 2 1/2" lg mtg screw through ctr of form; two wire lead term on end of form; vacuum varnish impr.  |                     |        | 16-C-73929-2495        |                |                |                       | CSL | EL-102                     | CSL        | F-6453 1a8B                          | CC-211133<br>CC-211135 |
| -47667                | TRANSFORMER, RF: 2/8/45<br>variometer; two stator wnd, one rotor wnd; unshielded; freq range 100 to 550 kc, rated 675 to 1090 microhenrys stator sect "A" o/o 13 turns #64-38 Litz wire stator sect "B" c/o 81 turns #64-38 Litz wire, tapped at 11, 23, 31, 37, 54 turns 1.75 ohms DC resistance max, rotor c/o 22 1/2 turns #64-38 Litz wire, 0.36 ohm DC resistance max; 10" lg x 7 1/2" h x 6 1/16" wd o/a excluding shaft; air core; coupling var by rotor shaft one side of form; eleven term mts by three stand off ins on base of form; wax impr. |                     |        | 17-T-84139-8545        | N16-T-18544-7  |                |                       | CAY | T-7606699-1                | CAY<br>CAY | T-7606699-1 rev4<br>T-7607503-2 rev1 | TAB-5                  |
| -47668                | REACTOR: 2/1/45<br>retardation coil; rated 5.9 hv min at 115v, 60 cyc, 0.45 amp DC; c/o 1617 turns #24E wire, 47 ohms DC resistance; 925 vact; rectangular metal case 4 27/32" lg x 5 7/16" wd x 6 7/32" h o/a; mts by four 19/32" lg x 1/4"-20 thd mtg studs on 4 1/8" x 3 1/16" mtg/c; two solder lug term on standoff ins on top case; wt 17 1/2 lbs.  |                     |        | 16-R-29125-8454        | N16-C-13508-1  |                | 301987-20             | CM  | D-161920                   | CM         | ESL-643015 1a2                       | QJB                    |
| -47669                | TRANSFORMER, power: 2/3/45<br>CANCELLED: Reassigned to NT-303931.   |                     |        |                        | N16-RT-76932   |                |                       | CG  | 80028                      | CBM<br>CG  | 973-24 alt1<br>K-5808729DY           | SU-1                   |
| -47670                | COIL, RF: 2/2/45<br>RF choke; one wnd, one pie universal wnd; unshielded; rated 250 microhenrys, 188 turns #36ES wire, 6.8 ohms DC resistance; 7/16" OD x 3 7/16" lg o/a; ceramic form, air core; form 7/32" OD x 7/16" lg; mtd by two wire lead term ea 1 1/2" lg, one at ea end of form; impr for tropical use.   |                     |        | 16-C-73995-3682        | N16-RC-17714   |                |                       | CFW | 12856                      | CBM<br>CBM | 975-1<br>1006A-117 alt1              | SU (2)<br>SU-1 (2)     |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                                      |                        |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                                      |                        |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-153

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SHEET 47-154

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR              | CONTRACTOR'S DWG OR PART NO                                    | EQUIPMENT USED IN                              |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|-------------------------|--|--|
| -47671                | COIL, RF: 2/2/45<br>RF choke; one wnd, two pie universal wnd; unshielded; ea wnd rated 1 millihenrys, 0.005 amp, ea wnd c/o 230 turns #36 ES wire, 18.5 ohms max DC resistance; 3 5/8" lg x 1/2" OD o/a; phenolite form, air core; form 3/16" OD x 5/8" lg; mtd by twowire lead term ea 1 1/2" lg, one on ea of form; impr for tropical use.  |                     |        | 16-C-74302-1721        | N16-RC-17711   |                | 3C307-73              | CFW | 13166                      | CRP<br>CBM<br>CBM       | S-92-5107<br>973-357<br>1000-A-116 alt0                        | SU<br>SU-1<br>SO-3<br>SO-4<br>SO-12M<br>SO-12N |
| -47672                | TRANSFORMER, RF: 2/2/45<br>three wnd, three pie universal wnd; shielded in square zinc can; pri rated 1,336 microhenrys, secd rated 756.1 microhenrys, ter rated 1,336 microhenrys at 80 kc; 3 3/4" lg x 2" wd x 2" d o/a excluding term and mtg lugs; bakelite form, air core; two built-in var air capacitor, one ea across pri and ter wnd, set at factory for max output; two spade lugs approx 2" c to c; five solder lug term on base of can; wax impr. |                     |        | 17-T-81370-4921        | N16-RT-77305   |                |                       | CML | 23486                      | CBM<br>CBM              | 972-117<br>1000A-95 alt2                                       | SU<br>SU-1                                     |
| -47673                | COIL DEFLECTION: 2/3/45<br>p/o Navy Type 55ADW Receiver Indicator Unit; c/o 4 coils; 25 ohms DC resistance ea coil, 80 mh inductance ea coil, 1125 turns #36 E wire ea coil; 2 5/8" OD x 1.615" min ID x 1 1/4" max lg o/a; mts on base of CR tube; blue spot on wnd.   |                     |        | 16-C-78183-7426        | N16-C-14658-5  |                | 202780-1245<br>A/cz   | CG  | 680576                     | CRP<br>CG<br>CBM<br>CBM | U92-5085 sub 5<br>K5898740A8 rev 6<br>920-211 alt 0<br>972-241 | SF<br>SF-1<br>SO<br>SO-a<br>SO-12M<br>SO-12N   |
| -47674                | COIL, RF: 2/3/45<br>grid coil; single wnd, single layer wnd; unshielded; wnd c/o 12 turns #28 E wire; 9/16" OD x 1 3/16" lg o/a; ceramic form 9/16" OD x 1 1/16" lg; adj iron core v/scdr adj through bottom of form; one 5/16" approx diam stud on one end of form; two wire lead term, one ea end of form; wax impr.  |                     |        | 16-C-76323-4048        | N16-RT-81138   |                |                       | CBM | 973-3048                   | CBM                     | 973-3048 alt0  | SU(5)<br>SU-1(5)                               |
| -47675                | COIL, RF: 2/5/45<br>RF choke; single wnd, one pie universal wnd; shielded, round comp can; rated 60 millihenrys at 400 to 2000 kc, 0.6w, 0.065 amp, c/o 3200 turns #32 E wire, 140 ohms DC resistance; 1 13/16" lg x 1 5/16" OD o/a excluding term and mtg bkt; wood form, air core; two 0.149 holes 1 3/4" c to c; two solder lug term on base of can; impr.   |                     |        | 16-C-75494-4044        |                |                |                       | CAG | 379-R                      | CBU<br>CBU              | DD-5018-A rev0<br>21-115                                       | WF<br>UK                                       |

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

SHEET 47-154

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SHEET 47-155

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN   |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|---|
| -47676                | COIL, RF: 2/5/45<br>RF choke; single wnd, one pie universal wnd; shielded, round comp can; rated 2.5 millihenrys at 1000 cyc, 0.045 amp, c/o 395 turns #37 ES wire, 38 ohms DC resistance; 1 1/2" OD x 3/4" lg less term; wood form, air core; one 3/32" approx diam stud on one end of case; two solder lug term on top of can; wax impr.   |                     |        | 16-C-74654-7566        |                |                |                       | CML        | 19-5582                    | CDU<br>CDU | DD-3328-A 1ss2<br>21-112    | UJ<br>UK(2)   |
| -47677                | COIL, RF: 2/5/45<br>RF choke; single wnd, one pie universal wnd; shielded, round comp can; rated 60 millihenrys at 1000 cyc, 0.045 amp, c/o 2100 turns #37 ES wire, 237 ohms DC resistance; 1 1/2" OD x 3/4" lg c/a excluding term; wood form, air core; one 3/32" approx diam stud on one end of case; two solder lug term on top of can; wax impr.   |                     |        | 16-C-75486-9405        |                |                |                       | CML        | 19-5594                    | CDU<br>CDU | DD-3327-A 1ss2<br>21-114    | UJ<br>UK  |
| -47678                | COIL, RF: 2/5/45<br>interstage transf; four pie wnd, universal wnd; unshielded; 4 7/32" lg x 1 5/8" diam o/a; tubular form, air core; form 4 7/32" lg x 9/16" OD; mtd by end bkt; eight wire lead term, two ea coil; two pri ea rated 86.5 millihenrys, 210 ohms DC resistance, ea c/o 1975 turns #3-40 Litz wire, two secd ea rated 91.2 millihenrys, 225 ohms DC resistance, ea c/o 2022 turns #3-40 Litz wire.<br>NOTE: WDA-1(2). |                     |        | 17-T-82125-7647        | N16-T-6208     |                |                       | CEM<br>CEM | 574-3017<br>574-273        | CEM        | 574-3017 alto               | NMC-1<br>NM-13<br>NM-13A<br>NM-14 thru<br>NM-16<br>NMA-1<br>NMB-2<br>WBA(2)<br>WDA(2)<br>SEE NOTE |
| -47679                | TRANSFORMER, RF: 2/5/45<br>interstage transf; two wnd, universal wnd; shielded in rectangular metal case; inductance between pri and secd 47.6 millihenrys; pri and secd ea c/o 620 turns #60-38 Litz wire tapped at 220 and 325 turns; 4 1/2" wd x 5 13/16" h x 4 1/4" d o/a; bakelite form, air core; five screw type term.  |                     |        | 16-C-75448-7255        | N16-T-7002-6   |                |                       | CEM        | 938-3008                   | CEM        | 938-3008 alto               | NMC-1   |
|                       |  |                     |        |                        |                |                |                       |            |                            |            |                             |   |
|                       |  |                     |        |                        |                |                |                       |            |                            |            |                             |   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-155

**RESTRICTED**

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | Co. TRACT OR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN       |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|--------------|-----------------------------|-------------------------|
| -47680                | COIL, RF: 2/5/45<br>RF choke; single wnd, single layer wnd; unshielded; rated 6.2 microhenrys, 1 amp, 0.85 ohms DC resistance; 5" lg x 1/4" wd x 5/8" d o/a excluding wire leads; steatite form, air core; form 1/4" OD x 1 3/4" lg; mtd by two pigtailes, ea 1 5/8" lg; two radial lug term ons ea end of form.        |                     |        | 16-C-73036-8838        |                | R16-OM-Z1      |                       | COM  | Z-1                        | CALG         | 490                         | OBV                     |
| -47681                | COIL, RF: 2/5/45<br>single wnd, single layer wnd; unshielded; rated 0.23 microhenrys, c/o 5 1/2 turns 0.062" x 0.125" silver pl hard drawn copper; 1 1/8" lg x 1" wd x 7/8" d o/a; air wnd, air core; mts by wire lead terms w/one #50 drill hole in end of ea.   |                     |        | 16-C-72706-3166        |                |                |                       | CALG | 203-40                     | CALG         | 40                          | OBV                     |
| -47682                | COIL, RF: 2/20/45<br>RF choke; single wnd, one pie universal wnd; unshielded; rated 170 microhenrys, 0.04 amp, c/o 160 turns #34 ES wire, 42 ohms DC resistance; 3 7/8" lg x 7/16" OD o/a; phenolic form, air core; form 3/4" lg x 0.22" OD; mtd by two wire lead term ea 1 9/16" lg.                                   |                     |        | 16-C-73916-7657        |                |                | 30375-23              | CAQB | 790                        | CHL          | 53A013 rev0                 | RCB                     |
| -47683                | COIL, RF: 2/20/45<br>RF choke; single wnd, single layer wnd; unshielded; rated 12 microhenrys, 0.2 amp, 1 ohm DC resistance, c/o 68 turns #30 E wire, 1 ohm DC resistance; 1 1/4" lg approx x 3/8" OD o/a; ceramic form, air core; form 3/8" OD x 1 1/4" lg; mtd by two wire lead term ea 2" lg; impr for tropical use. |                     |        | 16-C-73157-4912        |                |                | 30323-258             | CEY  | A-100411-1                 | CEY          | A-100411-1. rev1            | AN/SPT-6A               |
| -47684                | SUPPRESSOR, parasitic: 2/5/45<br>c/o resistor and coil; body dimen 1/2" lg x 7/16" OD; coil rated 380 microhenrys, resistor rated 3300 ohms, 1/2w; 235 turns #36 wire; uncased mtd by two wire lead term ea 1 1/2" lg; wax impr.  |                     |        | 16-S-89802-5500        | N16-N-493-23   |                |                       | CAQE | 113                        | CFE          | 35.362 1ss B                | DAS-4<br>DAS-1<br>DAS-3 |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

**RESTRICTED**

SHEET 47-157

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR   | CONTRACTOR'S DWG OR PART NO    | EQUIPMENT USED IN   |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|--------------|--------------------------------|---|
| -47685                | COIL, RF: 2/5/45<br>single wnd, single layer wnd; shielded in sq aluminum can; rated 1.67 to 3.15 microhenrys, c/o 17.25 turns #18 E wire; 2 1/2" lg x 1 1/8" wd x 1 1/8" d o/a excluding term and mtg studs; bakelite form 2 1/2" lg x 0.406" diam; adj powdered iron core w/secr adj thru end of can; two 1/4" approx diam studs approx 1 1/8" c to c (diagonally); four solder lug term on end of can, three lugs jumper connected.  |                     |        | 16-C-76547-4597        |                |                |                       | CAI  | 8-6491                     | CALG<br>CALG | A86<br>A87                     | OBV(2)  |
| -47686                | COIL, RF: 2/6/45<br>one wnd, single layer wnd; shielded in sq aluminum can; rated 1.37 to 2.61 microhenrys, c/o 14 1/4 turns #18 E wire; 2 1/2" lg x 1 1/8" wd x 1 1/8" d o/a excluding term and mtg studs; bakelite form 2 1/2" lg x 13/32" OD; adj powdered iron core w/secr adj through end of can; two 1/4" approx diam studs approx 1 1/8" c to c (diagonally); four solder lug term on end of can, three lugs jumper connected.   |                     |        | 16-C-76533-9994        |                |                |                       | CAI  | S-6490                     | CALG<br>CALG | A86<br>A88                     | OBV(2)  |
| -47687                | COIL, RF: 2/5/45<br>single wnd, single layer wnd; shielded in sq aluminum can; rated 1.17 to 2.4 microhenrys, c/o 13 1/4 turns #18 E wire; 2 1/2" lg x 1 1/8" wd x 1 1/8" d o/a excluding term and mtg studs; bakelite form 2 1/2" lg x 13/32" OD; adj powdered iron core w/secr adj through end of can; two 1/4" approx diam studs approx 1 1/8" c to c (diagonally); four solder lug term on end of can, three lugs jumper connected.   |                     |        | 16-C-76533-4597        |                |                |                       | CAI  | S-6490-1                   | CALG<br>CALG | A86<br>A89                     | OBV   |
| -47688                | TRANSFORMER, RF: 2/3/45<br>three wnd, three sect helical wnd; unshielded; approx 1 7/8" h x 1 1/2" OD o/a excluding mtg bkt and term; air core; phenolic case over pri 1 1/2" h x 1 5/16" OD; two 5/32" diam holes 1 3/4" c to c; pri two solder lug term on base, secd four wire lead term, two ea sect; pri is NT-47170 RF Choke rated 250 millihenrys min, 450 ohms DC resistance, c/o 4,300 turns #368 wire, ea secd rated 67.5 millihenrys min, 280 ohms DC resistance, c/o 1,350 turns of #3785 wire. |                     |        | 17-T-82125-1809        | N16-T-7199-143 |                |                       | CEM  | 574-3003                   | CEM<br>CEM   | 574-3003 alt0<br>1000A-24 alt0 | JMC-1<br>JM-13<br>JM-13A<br>JM-14 thru<br>JM-16<br>WAA<br>WAB<br>WBE<br>WDA<br>WDA-1<br>WEB |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-157

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SHEET 47-158

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO   | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR   | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                     |
|-----------------------|---|---------------------|--------|------------------------|-----------------|----------------|-------------------------|------|----------------------------|--------------|-----------------------------|---------------------------------------|
| -47689                | COIL, RF: 2/5/45<br>RF tank coil; single wnd, single layer wnd; unshielded; rated 0.13 microhenrys, c/o 3 1/2 turns 0.062" x 0.125" silver pl hard drawn copper wire; 1" lg x 1" wd x 0.562" d o/a; air wnd, air core; mtd by term w/one #50 drill hole in ea term 7/8" c to c.   |                     |        | 16-C-72696-8610        |                 |                |                         | CALG | 203-39                     | CALG         | 39                          | OBV                                   |
| -47690                | SUPPRESSOR, parasitic: 2/5/45<br>c/o resistor and coil; 3 3/8" lg x 3/16" OD o/a; coil rated 0.22 microhenrys, c/o 8 turns #24 E wire wnd on NF-63355-104 Resistor; uncased; mtd by two wire lead term ea 1 1/2" lg.  |                     |        | 16-B-89705-5000        |                 |                |                         | CALG | 203-92                     | CALG         | A92                         | OBV(2)                                |
| -47691                | COIL, RF: 2/7/45<br>RF choke; single wnd, single layer wnd; unshielded; rated 15 microhenrys at 12 mc, 0.04 amp, 0.1 ohms DC resistance, c/o 20 1/2 turns #28 E wire; 3 7/16" lg x 0.125" OD o/a; phenolic form, air core; form 7/16" lg x 0.125" OD; mtd by two wire lead term, ea 1 1/2" lg; varnish impr.  |                     |        | 16-C-73202-9945        | N16-C-13160-140 |                | 25130-9/C1<br>30323-53A | CWG  | 7570                       | CHEZ<br>CHEZ | CL-1052<br>CP-1025          | AN/UFM-1<br>(28)<br>AN/UFM-1B<br>(28) |
| -47692                | COIL, RF: 2/7/45<br>RF choke; single wnd, single layer wnd; unshielded; c/o nine turns #20 E wire; 5/8" lg x 3/16" diam o/a; phenolic form, air core; form 5/8" lg x 5/32" OD; mtd by two radial wire lead term 1 1/2" lg, one ea end of form; coil cemented to form.   |                     |        | 16-C-71981-8935        | N16-RC-17646-21 |                |                         | CAQK | A-254                      | CHEZ         | CL-1097                     | AN/UFM-1<br>(20)<br>AN/UFM-1B<br>(20) |
| -47693                | TRANSFORMER, IF ASSEMBLY: 2/7/45<br>pri 5.6 mc, secd 5.3 mc, ea p/m 300 kc; discriminator; shielded in rectangular aluminum can; 1 7/8" wd x 1 7/16" d x 4" lg less term; 2 powdered iron cores; tuned pri and secd; adj iron core tuning w/ecdr adj in top of can; mtd by two #6-32 thd spade lug, 1 7/16" c to c; 8 solder lug term on bottom of can; 3 wnd, single layer wnd; 17 1/2/16/7 1/2 turns #34 double celanese E wire, incl 2 built-in trimmer capacitors, shield stamped "50C143". |                     |        | 17-T-67871-7316        | N16-T-6149-228  | R16-T-6088-65  |                         | CAZD | 50C143                     | CHL          | 50C143 1ea F                | RBK-12<br>RBK-13<br>RBK-14            |
|                       |   |                     |        |                        |                 |                |                         |      |                            |              |                             |                                       |
|                       |   |                     |        |                        |                 |                |                         |      |                            |              |                             |                                       |

NAVSHIPS 900,109(A)  
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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

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SHEET 47-159

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN          |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|----------------------------|
| -47694                | TRANSFORMER, IF: 2/7/45<br>pri 5.3 mc, secd 5.8 mc, ea p/m 300 ke; 1st IF <del>transf</del> ; shielded in rectangular aluminum can; 1 7/8" lg x 1 7/16" wd x 4" h, less term; 2 powdered iron cores; tuned pri and secd; adj iron core tuning w/scdr adj in top of can; mts by four #6-32 thd spade lugs on 1 7/8" x 1 7/16" mtg/c; 8 solder lug term on bottom of can, 1 wire lead term through side of can; 4 wnd, single layer wnd, 16 1/2, 20 1/2, 1 1/2, 2 1/2 turns w/wire size 36/36/26/26 respectively, S celanese E, incl 3 built-in capacitors and 1 built-in resistor, shield stamped "500140". |                     |        | 17-T-67871-7241        | N16-T-6008-1   | R16-T-6088-50  |                       | CAZD | 500140                     | CHL        | 500140 rev H                | RBK-12<br>RBK-13<br>RBK-14 |
| -47695                | TRANSFORMER, IF: 2/7/45<br>peak freq 5.25 mc; shielded in rectangular aluminum can; 4" h x 1 7/8" lg x 1 7/16" wd o/a excluding term and mtg studs; tuned pri and secd; adj powdered iron core w/scdr adj at top of can; four #6-32 thd spade lugs, ea ctr on one side of can; nine solder lug term on bottom of can; incl two 100 mmf and one 1000 mmf capacitors, and one 0.1 meg resistor.  |                     |        | 17-T-67871-7271        | N16-T-6009-1   | R16-T-6088-55  |                       | CAZD | 500141                     | CHL        | 500141 rev D                | RBK-12<br>RBK-13<br>RBK-14 |
| -47696                | TRANSFORMER, IF: 2/7/45<br>peak freq 5.25 mc; third IF stage; shielded in rectangular aluminum can; 4" h x 1 7/8" lg x 1 7/16" wd o/a excluding term and mtg studs; tuned pri and secd; adj powdered iron core w/scdr adj at top of can; four #6-32 thd spade lugs, one ctr on ea side of can; eight solder lug term on bottom of can; incl two 100 mmf capacitors.  |                     |        | 17-T-67871-7301        | N16-T-6149-226 | R16-T-6088-60  |                       | CAZD | 500142                     | CHL        | 500142 rev C                | RBK-12<br>RBK-13<br>RBK-14 |
| -47697                | TRANSFORMER, IF: 2/7/45<br>peak freq 5.25 mc; fifth IF stage; shielded in rectangular aluminum can; 4" h x 1 7/8" lg x 1 7/16" wd o/a excluding term and mtg studs; tuned pri and secd; adj powdered iron core w/scdr adj at top of can; four #6-32 thd spade lugs, one ctr on ea side of can; eight solder lug term on bottom of can; incl two 50 mmf capacitors and one 25 mmf capacitor.  |                     |        | 17-T-67871-7341        | N16-T-6011-1   | R16-T-5125     |                       | CAZD | 500144                     | CHL        | 500144 rev G                | RBK-12<br>RBK-13<br>RBK-14 |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-159

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SHEET 47-160

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN          |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|----------------------------|
| -47698                | TRANSFORMER, IF ASSEMBLY: 2/7/45<br>5.25 mc; interstage, 3rd IF; shielded; 1 7/8" lg x 1 15/32" wd x 4 1/2" h excluding mtg lugs and hex cap nuts, 5 1/32" lg incl mtg lugs and hex cap nuts; poly-iron core; tuned pri and sec; var air capacitor tuning; two #6-32 thd spade lugs for mtg in ctr of opposite sides of can; 7 wire lead term on bottom of can; shield stamped "500077".                                     |                     |        | 17-T-67869-2261        | N16-T-6010     |                | 229643-56             | CAQB | 665                        | CHL        | 500077 1ss B                | RBK                        |
| -47699                | TRANSFORMER, RF: 2/7/45<br>osc coil; three wnd, single layer wnd; shielded in rectangular aluminum can; 1 13/16" lg x 1 3/8" wd x 4 15/32" h inside dimen of can; adj powdered iron core w/scr adj through top of can; four #6-32 thd spade lugs, one ctr on ea side of can; four solder lug term on bottom of can; lacquer sprayed, incl one 200 mf, one 100 mf, and one 1 mf capacitor, and one 47,000 ohm, 1/2w resistor. |                     |        | 16-C-76385-1867        | N16-T-7096-10  |                | 229644-19             | CAQB | 3491                       | CHL        | 540024 rev D                | RBK-12<br>RBK-13<br>RBK-14 |
| -47700                | INDUCTOR RF: 2/8/45<br>osc coil; single wnd, universal wnd; shielded, round aluminum can; 15 7/8 turns #15-44 Litz wire, double celanese covered; 1 1/2" lg x 1" OD less term, adj slug and bushing; bakelite form, polyiron core; adj iron core; scr adj through top of can; 4 solder lug term on bottom of can; shield stamped "54B013";CPH cement coated.   |                     |        | 16-C-76386-3287        | N16-T-7002-100 |                | 3C1081-13H            | CAQB | 668                        | CHL        | 54B013-B                    | RBK                        |
| -47701                | TRANSFORMER, IF ASSEMBLY: 2/8/45<br>5.25 mc; output; shielded; 1 7/8" lg x 1 15/32" wd x 4 1/2" h less mtg lugs, 5 1/32" h including mtg lugs; polyiron core; tuned pri and sec; var air capacitor tuning; three #6-32 thd spade lugs for mtg 1 ea in ctr of 3 sides of can; 4 wire lead term on bottom of can; shield stamped "500078".   |                     |        | 17-T-67869-4551        | N16-T-6010-25  |                | 229643-57             | CAQB | 666                        | CHL        | 500078 1ss C                | RBK                        |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                            |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                            |

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

SHEET 47-160

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SHEET 47-161

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -47702                | TRANSFORMER, IF: 2/8/45<br>peak freq 5.25 mc; used in discriminator stage; shielded in rectangular metal can; approx 1 7/8" lg x 1 5/8" wd x 5 1/32" h o/a excluding leads; air core; tuned pri and sec; variable air capacitor tuning; mts by three spade bolts ctr on three sides on can at bottom; five color coded wire lead term; pri c/o 29 turns #28 braided celanese wire, 0.393 ohms DC resistance, secd c/o 33 turns #28 braided celanese wire tapped at 19 1/2 turns, 0.483 ohms DC resistance, incl 25 mmf fixed mica capacitor, cement coated, wax impr.  |                     |        | 17-T-67869-4531        | N16-T-5911-20  |                | 229643.58             | CAQB | 667                        | CHL        | 500079 1eeB                 | RBK               |
| -47703                | TRANSFORMER IF ASSEMBLY: 2/8/45<br>peak freq 5.25 mc; interstage, second IF; shielded in rectangular metal can; approx 1 7/8" lg x 1 15/32" wd x 5 1/32" h o/a excluding leads; powdered iron core; tuned pri and sec; variable air capacitor tuning; mts by two spade bolts 1 3/8" c to c on bottom of can; 7 color coded wire lead terms, 1 lead grd internally; pri c/o 18 turns #28 braided celanese wire, 0.187 ohms DC resistance, secd c/o 18 turns #28 braided celanese wire, 0.026 ohms DC resistance, incl 1000 mmfd fixed mica capacitor, 100000 ohms, 1/2w comp resistor and a secd broad coupling wnd, cement coated, wax impr.     |                     |        | 17-T-67869-4541        | N16-T-6009     |                | 229643.55             | CAQB | 664                        | CHL        | 500076 1ee B                | RBK               |
| -47704                | TRANSFORMER, IF: 2/8/45<br>peak freq 5.25 mc; first IF stage; shielded in rectangular metal can; 1 25/32" lg x 1 5/8" wd x 5 1/32" h o/a excluding leads; powdered iron core; tuned pri and sec; variable air capacitor tuning; mts by two spade bolts 1 3/8" c to c on bottom of can; seven color coded wire leads; pri c/o 17 1/4 turns #28 braided celanese wire, 0.238 ohms DC resistance, secd c/o 17 3/4 turns #28 braided celanese wire, 0.028 ohms DC resistance, incl tuning reactor c/o 8 turns #24 DCC wire, 1000 mmf fixed mica capacitor, 100,000 ohms, 1/2w comp resistor and a secd broad coupling wnd, cement, coated, wax impr. |                     |        | 17-T-67869-4521        | N16-T-6008     |                | 229643.54             | CAQB | 663                        | CHL        | 500075 1eeG                 | RBK               |

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NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-161

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SHEET 47-162

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                 |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-----------------------------------|
| -47705                | COIL, RF: 2/8/45<br>RF coil; one wnd, single layer wnd; unshielded; rated 4.2 microhenrys, 1.0 mmf p/m 20% dist cap 0.25 ohms DC resistance, c/o 42 turns #28 ES celanese wire; 3 7/8" lg x 9/32" OD o/a incl term; bakelite form, air core; form 7/8" lg x approx 7/32" OD; mts by two wire lead term, one ea end of form; lacquer coated.   |                     |        | 16-C-72969-4601        | N16-C-13152-3  | 3C1081-130     |                       | CAQB | 662                        | CHL        | 53A009 1eeC                 | RBK-12<br>RBK-13<br>RBK-14<br>RDC |
| -47706                | COIL, RF: 2/8/45<br>RF coil; single wnd, single layer wnd; unshielded; rated 15.5 microhenrys, 1.0 mmf p/m 20% distributed capacity, 4.10 ohms DC resistance, c/o 75 turns #36 ES celanese wire; 3 7/8" lg x 9/32" OD o/a incl term; bakelite form, air core; form 7/8" lg x approx 7/32" OD; mts by two wire lead term, one ea end of form; lacquer coated.  |                     |        | 16-C-73226-9635        | N16-C-13152-1  | R16-C-17189    | 3C1081-13F            | CAQB | 661                        | CHL        | 53A008 1eeF                 | RBK-12<br>RBK-13<br>RBK-14<br>RDC |
| -47707                | TRANSFORMER RF: 2/8/45<br>ent coil; 2 wnd, single layer wnd; unshielded; pri 3 1/4 turns #28 AWG wire, 86.3 mmf distributed cap at 35 mc, secd 1 1/4 turns #14 AWG wire, 96.7 mmf distributed cap at 70 mc; 3/4" lg x 3/8" OD body dimen; air core; 3/4" lg x 1/4" OD less term; mtd by term; 4 wire lead term, 2 ea end of form; lacquer fungicide treated.  |                     |        | 17-T-82061-4459        | N16-T-3973     |                |                       | CAQB | 657                        | CHL        | 51A271-F                    | RBK-12<br>RBK-13<br>RBK-14        |
| -47708                | TRANSFORMER, IF: 2/9/45<br>peak freq 500 kc; shielded in rectangular zinc can; 4" lg x 2" wd x 1 1/2" h o/a excluding term and mtg studs; bakelite form, air core; tuned pri and secd; variable air capacitor w/secd adj at top of can; two mtg studs 1" c to c; four solder lug term on bottom of can; incl three fixed capacitors one ea across pri and secd and one between pri and secd, one side of secd gnd; same as NT-47516 except internal connections to "G" and "GR" are reversed. |                     |        | 17-T-67651-6291        |                |                |                       | CFW  | 13279 Modified             | CDU        | 20-261                      | UJ                                |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-162

**RESTRICTED**

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SHEET 47-163

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                  |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|------------------------------------|
| -47709                | TRANSFORMER, RF: 2/9/45<br>oso coil; three wnd, single layer wnd; unshielded; freq response 145 mc, pri 97.3 mmf distributed capacity, Q is 88 at 44 mc, c/o 9/16 turn of #26 ES wire, secd #1, 95 mmf distributed capacity, Q is 119 at 60 mc, c/o 1 1/2 turns #14 wire, secd #2, 97 mmf distributed capacity, Q is 155 at 60 mc, c/o 2 turns #28 double braided celanese wire; approx 5/8" lg x 1 1/2" OD o/a excluding leads; paper form, air core; form 5/8" lg x 3/8" OD; mts by solder lug term and secd #1 wire leads; one solder lug term and three wire lead term at one end of form, two wire lead term at other end of form. |                     |        | 17-T-82061-2704        | N16-T-6420-203 | R16-T-7071-025 | 204537-27/T9          | CAQB | 659                        | CHL        | 51A273 100J                 | RBK-12<br>RBK-13<br>RBK-14         |
| -47710                | TRANSFORMER, RF: 2/9/45<br>ant coil; two wnd, single layer wnd; unshielded; freq response 80 mc, pri 105 mmf distributed capacity, Q is 67 at 45 mc, c/o 1 1/2 turns #29 E wire, secd 99 mmf distributed capacity, Q is 158 at 45 mc, c/o 1 7/8 turns #18 double braided celanese wire; approx 1 5/8" lg x 9/16" OD o/a excluding term; bakelite form, air core; form 1 5/8" lg x 1/2" OD; mts by four solder lug term, two ea end of form; lacquer fungioide treated.  |                     |        | 17-T-82061-5274        | N16-T-3972     |                | 204537-27/T4          | CAQB | 654                        | CHL        | 51A268 100C                 | RBK-12<br>RBK-13<br>RBK-14<br>SO-8 |
| -47711                | TRANSFORMER, RF: 2/9/45<br>two wnd, single layer wnd; unshielded; freq response 40 mc, pri 94 mmf distributed capacity, Q is 89 at 5 mc, c/o 28 1/2 turns #34ES wire, secd 95 mmf distributed capacity, Q is 161 at 25 mc, c/o 5 1/2 turns #22 double braided celanese wire; approx 1 5/8" lg x 9/16" OD o/a excluding term; bakelite form, air core; form 1 5/8" lg x 1/2" OD; mtd by term, two ea end of form w/ 1/8" x 1/16" slots 1" c to c; mte by four solder lug term, two ea end of form; lacquer fungioide treated.  |                     |        | 17-T-82062-7074        | N16-T-7160     | R16-T-7071     | 204180-44/C4          | CAQB | 652                        | CHL        | 51A266 100B                 | RBK-12<br>RBK-13<br>RBK-14         |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                                    |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                                    |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-163

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SHEET 47-164

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN          |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|----------------------------|
| -47712                | TRANSFORMER, RF: 2/9/45<br>ant coil; two wnd, single layer wnd; unshielded; freq response 80 mc, pri 94 mmf distributed capacity, Q is 83 at 10 mc, c/o 1 1/2 turns #34ES wire, secd 85 mmf distributed capacity, Q is 173 at 45 mc, c/o 2 1/8 turns #18 double braided celanese wire; approx 1 5/8" lg x 9/16" OD o/a excluding term; bakelite form, air core; form 1 5/8" lg x 1/2"; mts by four solder lug term, two ea end of form; lacquer fungicide treated.  |                     |        | 17-T-82061-7974        | N16-T-2161     | R16-T-7071-010 | 204180-44/03          | CAQB | 655                        | CHL        | 51A269 1eaC                 | RBK-12<br>RBK-13<br>RBK-14 |
| -47713                | TRANSFORMER, RF: 2/9/45<br>two wnd, single layer wnd; unshielded; freq response 145 mc, pri 91 mmf distributed capacity, Q is 69 at 18 mc, c/o 8 1/4 turns #36 ES wire, secd 92.5 mmf distributed capacity, Q is 173 at 65 mc, c/o 1 3/4 turns #14 solid tinned wire; approx 7/8" lg x 3/8" OD o/a excluding leads; bakelite form, air core; form 7/8" lg x 1/4" OD; mts by secd wire leads; four wire lead term, two ea end of form; lacquer fungicide treated.  |                     |        | 17-T-82061-6061        | N16-T-7162     | R16-T-7071-020 | 204180-44/05          | CAQB | 658                        | CHL        | 51A272 1eaE                 | RBK-12<br>RBK-13<br>RBK-14 |
| -47714                | TRANSFORMER, RF: 2/9/45<br>osc coil; three wnd, single layer wnd; unshielded; freq response 40 mc, pri 93 mmf distributed capacity, Q is 63 at 40 mc, c/o 1 1/2 turns #34 ES wire; secd #1, 89 mmf distributed capacity, Q is 160 at 30 mc, c/o 4 1/8 turns #22 double braided celanese wire, secd #2, 86 mmf distributed capacity, Q is 96 at 35 mc, c/o 2 1/2 turns #29 ESE wire; approx 1 5/8" lg x 9/16" diam o/a excluding term; bakelite form, air core; form 1 5/8" lg x 1/2" OD; mts by six solder lug term, three ea end of form; lacquer fungicide treated. |                     |        | 17-T-82061-5414        | N16-T-6420-201 | R16-T-7071-005 | 204180-44/01          | CAQB | 653                        | CHL        | 51A267 1eaD                 | RBK-12<br>RBK-13<br>RBK-14 |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                            |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-164

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SHEET 47-165

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN          |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|----------------------------|
| -47715                | TRANSFORMER, RF: 2/9/45<br>oco coil; three wnd, single layer wnd; unshielded; freq response 80 mc, pri 104 mmf distributed capacity, Q is 92 at 50 mc, c/o 3/4 turns #30 single braided celanese wire, secd #1, 92 mmf distributed capacity, Q is 176 at 40 mc, c/o 2 1/2 turns #18 double braided celanese wire, secd #2, 89 mmf, Q is 157 at 60 mc, c/o 1/2 turn #22 double braided celanese wire; approx 1 5/8" lg x 9/16" OD o/a excluding term; bakelite form, air core; form 1 5/8" lg x 1/2" OD; mte by six solder lug term, three at one end of form, two at other end and one on side; lacquer fungicide treated. |                     |        | 17-T-82061-2714        | N16-T-6420-202 | R16-T-7071-015 | 204180-44/02          | CAQB | 656                        | CHL        | 51A270 1ssC                 | RBK-12<br>RBK-13<br>RBK-14 |
| -47716                | TRANSFORMER, RF: 2/9/45<br>ant coil; two wnd, single layer wnd; unshielded; freq response 40 mc, pri 96.8 mmf distributed capacity, Q is 85 at 44 mc, c/o 1 1/2 turns #30 SCE wire, secd 93.5 mmf distributed capacity, Q is 163 at 26 mc, c/o 5 turns #22 double celanese wire; approx 1 5/8" lg x 9/16" OD o/a excluding term; bakelite form, air core; form 1 5/8" lg x 1/2" OD; mte by four solder lug term, two ea end of form; lacquer fungicide treated.  |                     |        | 17-T-82061-5289        | N16-T-3971     |                | 204537-27/TL          | CAQB | 651                        | CHL        | 51A265 1ssB                 | RBK-12<br>RBK-13<br>RBK-14 |
| -47717                | SUPPRESSOR, electrical noise: 2/9/45<br>CANCELLED: same as NT-53275.   |                     |        |                        |                |                |                       | CAQB | 3492                       | CHL        | 53C056 1ssC                 | RBK                        |
| -47718                | COIL, RF: 2/10/45<br>choke; one wnd, one pie universal wnd; shielded in sq metal can; rated 46 microhenrys, 12 mmf distributed capacity, 0.22 ohms DC, c/o 57 turns #22 SCE wire; approx 2 1/4" lg x 1 3/8" wd x 1 3/8" h o/a excluding leads and mtg bkt; bakelite form, air core; two approx 1/4" diam holes 1 11/16" o to c on bkt mtd; two wire lead term, one from front and one from side of case.   |                     |        | 16-C-73528-8445        |                |                | 30375-9               | CAQB | 660                        | CHL        | 53A007 1ssD                 | RBK                        |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                            |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                            |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-165

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SHEET 47-166

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO          | EQUIPMENT USED IN   |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|--------------------------------------|---|
| -47719                | <p>COIL, RF: 2/10/45</p> <p>RF coil; single wnd, two pie universal wnd; unshielded; rated 141.6 millihenry at 4.1 kc, o/o 1500 turns per pie of #36 SSE wire, 253 ohms DC resistance;</p> <p>approx 2 1/4" x 1 1/4" OD; bakelite form, iron core; form 2" lg x 1/2" OD; adj iron core w/scr adj through top of form; two #6-32 thd nuts 7/8" c to c on term plate; two solder lug term on term plate at end of form; incl five capacitors in parallel w/coil; lacquer impr.</p>  |                     |        | 16-C-76818-6840        | N16-T-18624    |                | 301084221-2           | CFW | 12715 revB                 | CFW        | 92-5093 rev10<br>12715 revB          | SO-7M<br>SO-7N<br>SO-1 thru<br>SO-4<br><br>SO-8<br>SO-9<br>SO-12M<br>SO-12N |
| -47720                | <p>COIL, RF: 2/9/45</p> <p>ant coil; single wnd, single layer wnd, unshielded; rated 1900 microhenrys, 0.1415 ohms DC resistance, c/o 117 turns #36 Litz wire w/seventeen taps; 3 1/2" lg x 1 1/4" OD o/a excluding term; phenolic form, air core; form 3 1/2" lg x 1 1/2" OD; mts by nineteen solder lug term on coil; varnish impr.</p>  |                     |        | 16-C-74529-1851        |                |                |                       | CAY |                            | CAY<br>CAY | P-7707647-1 sub5<br>T-7607503-5 sub1 | TAB-5   |
| -47721                | <p>TRANSFORMER, VARIABLE RF: 2/9/45</p> <p>tuning variometer; 2 stator wnd, 1 rotor wnd; unshielded; freq range 100 kc to 550 kc, 40 millihenries to 175 millihenries, stator sect A c/o 10 turns 600 strands #38 wire HF cable, tapped at 4 turns, stator sect B c/o 9 1/2 turns 600 strands #38 wire HF cable, rotor c/o 13 turns 600 strands #38 wire HF cable, 0.0340 ohm DC resistance, 0.0636 ohm max stator resistance; 13 3/4" lg x 1 1/2" OD, o/a; air core; var coupling; adj shaft through stator; mts by 4 mtg ft on stator; 5 term screws; varnished.</p> |                     |        | 17-T-84135-3851        | N16-T-18544-5  |                |                       | CAY | T-7607503-4                | CAY        | T-7607503-4 rev1                     | TAB-5   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-166

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SHEET 47-167

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR        | CONTRACTOR'S DWG OR PART NO                              | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|-------------------|--|-------------------|
| -47722                | TRANSFORMER, variable RF: 2/9/45<br>MO variometer; two stator wnd, one rotor wnd; unshielded; freq range 100 to 550 kc, rated 331 to 636 microhenrys stator sect "A" c/o 21.4 turns 82 strand #38E wire and stator sect "B" c/o 56 turns 82 strand #38 E wire tapped at 6, 24, 36, 48 turns w/0.90 ohm max DC resistance, rotor c/o 22 1/2 turns 82 strand #38EC wire w/0.22 ohm max DC resistance; 11" lg x 8" wd x 8 1/4" h o/a; air core; var coupling; adj shaft through stator and rotor; four mtg holes on 10 1/2" x 3 7/8" mtg/c on mtg bkt; ten screw term; varnish impr.   |                     |        |                        | N16-T-18544-6  |                |                       | CAY | T-7607503-1                | CAY<br>CAY<br>CAY | T-7607503-1 rev1<br>T-7606838-1 rev7<br>T-7606873-1 rev6 | TAB-5             |
| -47723                | COIL, RF: 2/9/45<br>parasitic suppressor coil; single wnd, space wnd; unshielded; rated 36 microhenrys at 2.2 amp, 5.4 ohm DC resistance, c/o 28 1/2 turns #20 copper nickel wire; 4 7/8" lg x 2 3/8" diam less term and mtg bkt; air core; three mtg holes on 3 9/16" diam bolt circle on mtg feet at one end of form; two solder lug term; varnish impr.  |                     |        | 16-C-73460-9957        |                |                |                       | CAY |                            | CAY               | T-7607503-9 rev1   | TAB-5             |
| -47724                | COIL, RF: 2/10/45<br>choke; single wnd, basket wnd; unshielded; rated 1.29 millihenrys at 1000 cyc, 5 amp, 2.5 ohms DC, freq range 100 to 600 kc, 2500v AC to gnd, c/o 400 turns #18 wire; 4 7/8" OD x 1" lg o/a excluding leads; air core; mts by two wire lead term.  |                     |        | 16-O-74459-9819        |                |                |                       | CAY |                            | CAY               | M-7408145-1 sub1   | TAB-5             |
| -47725                | TRANSFORMER, variable RF: 2/12/45<br>PA variometer; two stator wnd, one rotor wnd; unshielded; freq range 100 to 550 kc, rated 326 to 440 microhenrys, stator sect "A" c/o 11 turns 600 strand HF cable tapped at 0.7 turns and sect "B" c/o 44 1/2 turns 600 strand HF cable tapped at 1 1/2, 2 1/2, 14 1/2, 24 1/2, 34 1/2 turns 600 strand HF cable w/0.1378 ohms DC resistance, rotor c/o 10 1/2 turns 600 strand HF cable w/0.025 ohm max DC resistance; 16 7/8" lg x 13 1/2" wd x 11 1/2" h o/a; air core; var coupling; adj shaft through stator and rotor; four mtg holes on 17 5/8" x 6 1/4" mtg/c on mtg bkt; ten screw term; varnish impr. |                     |        | 17-T-84136-7425        | N16-T-18544-4  |                |                       | CAY | T-7607503-3                | CAY<br>CAY        | T-7607503-3sub1<br>T-7607008-1 sub4                      | TAB-5             |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-167

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SHEET 47-168

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -47726                | COIL, RF: 2/13/45<br>choke; one wnd, five pie universal wnd; unshielded; rated 10 millihenry at 1000 cyc, 0.125 amp, 95 ohms DC, c/o 1660 turns #36 SSE wire; 1.5" lg x 9/16" diam o/a excluding leads; ceramic form, air core; form 1.5" lg x 0.25" OD; mts by two radial wire lead term, one ea end of form.  |                     |        | 16-C-75106-9315        |                |                |                       | OMM | 4540                       | CYV<br>CYJ | 16-33<br>SK13-142           | TDP               |
| -47727                | COIL, RF: 2/13/45<br>choke; one wnd, one pie universal wnd; unshielded; rated 40 millihenry at 1000 cyc, 0.125 amp, 219.2 ohms DC, c/o 1675 turns #38 SSE wire; 1 1/16" diam x 29/32" lg o/a excluding term; ceramic form, air core; form 29/32" lg x 1/2" OD; one 5/32" diam mtg hole ctr in end of form; two solder term at end of form; wax impr.  |                     |        | 16-C-75413-8741        |                |                | 2C580-1248A/C1        | CFW | SC-105A                    | CYJ<br>CG  | SK13-143<br>K-7895924 rev1  | TDP               |
| -47728                | COIL, RF: 2/13/45<br>choke; one wnd, single layer wnd in twenty elots; unshielded; rated 40 millihenry at 60 kc, 85 ohms DC c/o 4600 turns #30 DSC wire; 6 3/8" lg x 1 1/8" OD o/a excluding term; air core; 6 3/8" lg x 1 1/8" OD; mts by two solder lug term, one ea end of form; impr.   |                     |        | 16-C-75426-6018        |                |                |                       | CYJ | SE9-179                    | CYJ        |                             | TDP               |
| -47729                | COIL, RF: 2/13/45<br>choke; one wnd, single layer wnd; unshielded; rated 18.1 microhenry at 2 mc, c/o 29 turns #30 E wire; 1 7/8" lg x 1 1/8" OD o/a excluding term; air core; mts by two screw type term at end of form; impr.   |                     |        | 16-C-73276-3889        |                |                |                       | CYJ | SK10-204                   | CYJ        |                             | TDP               |
| -47730                | COIL, RF: 2/13/45<br>retardation coil; single wnd, duolateral wnd; unshielded; rated 550 millihenry max, 450 millihenry min at 20 kc, 450 ohms max DC resistance, c/o 5000 turns #34 E wire; 1 25/32" h x 1 1/4" wd x 3 1/8" lg o/a excluding term; phenol fabric form, molybdenum permalloy powder core; two 0.159" diam mtg holes 2 5/8" c to c; two 0.190"-24 thd term bolts on top of case; enclosed in molded phenol plastic case. |                     |        | 16-C-75735-5141        |                |                |                       | CW  | D-170178                   | CW         | BA-106016 1sel              | SJ-1              |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-168

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SHEET 47-169

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | COL TRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN   |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|-------------|-----------------------------|---|
| -47731                | COIL, RF: 2/13/45<br>single wnd, two pie universal wnd; unshielded; rated 7.4 millihenrys at 81.96 kc, Q is 133, 264 ohms DC resistance, c/o 340 turns #10-40 SSE wire; approx 2 1/4" lg x 1 1/4" OD; bakelite form 2" lg x 1/2" OD; adj iron core w/acdr adj through top of form; two #6-32 thd nuts 7/8" c to c on term plate; two solder lug term on term plate at end of form; incl a fixed mica capacitor; lacquer impr. |                     |        | 16-C-76762-4970        | N16-T-18624-5  |                | 301084221-1           | CPW  | 12527                      | CRP         | 696-5048-3 sub4             | 80-7M<br>80-7N<br>80-1 thru<br>80-4<br>80-8<br>80-9<br>80-12M<br>80-12N |
| -47732                | DEFLECTION YOKE: 2/14/45<br>p/o Navy Type 55132 Bearing Deviation Indicator; c/o 1 coil assem CRV part/dwg #K-901659-15 in deflection coil box CRV part/dwg #K-901659-19; steel box; 4 coils, 960 ohms DC resistance per coil, 5400 turns per coil, 57 deg deflection angle; 4.605" OD x 1.5" ID x 2 5/16" lg, o/a; 4 radial projections spaced 90 deg apart ea w/#8-32 thd x 1/2" d mtg holes; marked "901659-501".          |                     |        | 16-C-78207-4501        | N16-C-14653    |                |                       | CRV  | 901659-501                 | CRV         | K-901659-501 sub 8          | QGB   |
| -47733                | COIL ASSEMBLY, RF: 2/14/45<br>proj coil assem; c/o three hundred nineteen coils mtd in phenolic plates; rated 825 microhenrys at 20, 22, 24 or 26 kc, 3.5 amp, 250 watt, ea coil rated 171 microhenrys, 0.8 ohm DC resistance, c/o 160 1/2 turns #25 ES wire; 15 1/4" OD x 1 1/2" thk o/a; mte by six 0.339" diam mtg holes equally spaced on 14.687" diam bolt circle around outer edge of plate; three lug type term.       |                     |        |                        | N16-C-14307    |                |                       | CRV  |                            | CRV         | W-306467-11 sub5            | QGB   |
| -47734                | COIL, RF: 2/14/45<br>choke; single wnd, one pie duolateral wnd; unshielded; rated 1.5 millihenrys, 22 ohms DC resistance, c/o 295 turns #36 SSE wire; 13/32" lg x 1 1/8" diam o/a excluding term; ceramic form, air core; form 13/32" lg x 1/2" OD; mte by thru holes for #6-32 screw; two solder lug term on term plate at end of form.  |                     |        | 16-C-74475-7911        |                |                |                       | CRM  | 630                        | CAOB        | A385400 rev0                | ME-6 Mod0   |

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SHEET 47-169

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SHEET 47-170

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO       | EQUIPMENT USED IN  |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------------|--|
| -47735                | TRANSFORMER, variable RF: 2/14/45<br>osc tuning variometer; two stator vnd, two rotor vnd; unshielded; rated 22 to 22.5 millihenry max, 7.27 to 7.47 millihenry min at 17 to 26 kc, 0.035 amp, 17.5v, 500v DC to gnd, ea stator sect c/o approx 200 turns #24 SSE wire w/10.8 ohms DC resistance, ea rotor sect c/o approx 68 turns #24 SSE wire w/2.8 ohms DC resistance; 5 3/8" wd x 5 3/8" h x 7 1/8" lg o/a; bakelite form, air core; adj coupling w/shaft through side of stator; four 0.375" diam mtg holes on 6 3/8" x 2 1/2" mtg/c on mtg bkt; eight screw type term. |                     |        | 17-T-84178-7265        | H16-T-18539    |                |                       | CRV |                            | CRV        | W-306452-501<br>sub3              | QGB  |
| -47736                | COIL, RF: 2/9/45<br>choke; single vnd, one pie universal vnd; unshielded; rated 300 microhenry p/m 10% at 1000 cyc, 0.005 amp, 8.3 ohms DC resistance, c/o 210 turns of #36 SSE wire; 7/16" lg x 3/8" OD o/a excluding leads; bakelite form, air core; form 3/16" OD x 7/16" lg; mts by two axial wire lead term, one ea end of form; same as NT-471461 except for inductance tolerance.  |                     |        | 16-C-74034-8972        | H16-RC-17505   |                | 30307-67              | CFW | 12730                      | CRP        | D1092-5079-2<br>sub2              | SO-7M<br>SO-7M<br>SO-1<br>SO-3<br>SO-4<br>SO-8<br>SO-9M<br>SO-7M<br>SO-12M             |
| -47737                | COIL, RF: 2/9/45<br>choke; single vnd, one pie universal vnd; unshielded; rated 150 microhenry at 0.005 amp, 5.3 ohms DC resistance, c/o 153 turns #36 SSE wire; 7/16" lg x 3/8" OD o/a excluding leads; bakelite form, air core; form 7/16" lg x 3/16" OD; mts by two wire lead term, one ea end of form; impr.<br>NOTE: SO(2); SO-2(2); SO-8(2).  |                     |        | 16-C-73869-8852        | H16-RC-17703   |                |                       | CFW | 12543                      | CRP        | D1092-5079-1<br>sub2              | SO-7M(4)<br>SO-7M(4)<br>SO-1(2)<br>SO-12M<br>SO-12M<br>SO-13(2)<br>SO-8(2)<br>SEE NOTE |
| -47738                | COIL, tube focusing: 2/10/45<br><del>CANCELLED</del> : reassigned NT-303409.<br>NOTE: SO-9; SO-12M; SO-12M; SO-4; SO-2; SO-8; SO-1; SO-3  |                     |        |                        |                |                |                       | CRP |                            | CRP        | 3036-297 sub0<br>D10-92-5086 sub2 | SO-7M<br>SO-7M<br>SEE NOTE   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                                   |  |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                                   |  |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-170

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SHEET 47-171

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO                 | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR        | CONTRACTOR'S DWG OR PART NO                | EQUIPMENT USED IN   |
|-----------------------|---|---------------------|--------|------------------------|--------------------------------|----------------|-----------------------|-----|----------------------------|-------------------|--|---|
| -47739                | COIL, RF: 2/10/45<br>RF coil; single wnd, two pie universal wnd; unshielded; rated 25.2 millihenrys at 16.4 kc, 0.01 amp, 37 ohms DC resistance c/o 1220 turns #10-40 SSE wire CT; 2 1/4" lg x 1 1/4" OD o/a excluding scdr adj; bakelite form, iron core; form 2" lg x 1/2" OD; adj iron core w/scdr adj through top of form; two #6-32 thd mtg studs 7/8" c to c; two solder lugs on term plate at end of form; incl two fixed mica capacitors; impr. |                     |        | 16-C-76789-1865        | N16-RT-81108-35                |                | 3C1084221             | OPW | 12716                      | CRP               | 92-5092 rev10                              | SO-7M<br>SO-7N<br>SO-12N<br>SO-4<br>SO-2<br>SO-8<br>SO-1<br>SO-3<br>SO-9M |
| -47740                | COIL, RF: 2/10/45<br>choke; single wnd, ten pie universal wnd; unshielded; rated 500 microhenrys at 0.53 amp, 2.4 ohms DC resistance, o/o 42 turns per pie of #24 SSE wire 1 1/8" OD o/a excluding term; 6 1/2" lg; bakelite form, air core; form 6 1/2" lg x 1/2" OD; two #6-32 thd x 3/4" lg screws 5" c to c; two solder lug term, one ea end of form; impr.   |                     |        | 16-C-74183-7391        | N16-RC-17858<br>N16-C-13160-30 |                | 3C307-65              | OPW | 12670                      | CRP<br>OPW<br>OPW | U-92-5087 sub0<br>12670 rev0<br>12573 revB | SO-7M<br>SO-7N<br>SO<br>SO-a<br>SO-1<br>SO-2<br>SO-13                     |
| -47741                | TRANSFORMER ASSEMBLY: 2/14/45<br>30 mc; output; shielded rectangular aluminum can; 2" lg x 1 7/16" wd x 2 3/16" lg less term and mtg bkt, 2 3/4" lg x 1 9/16" wd x 3 3/32" h o/a; air core; tuned pri and sec; var capacitor tuned; mts by 2 "L" shaped bkt ea w/one 1/8" diam mtg hole 2 1/2" c to c; 6 solder lug term bottom of case; varnish impr, incl 4 capacitors, 2 fixed, 2 var.   |                     |        | 17-T-67261-5623        | N16-T-6114-450                 |                | 3C324-130             | CG  | K-54J290-1                 | CG<br>CG          | K-54J290-1 rev 1<br>M-48J821 rev 1         | SP-1M<br>SP   |
| -47742                | COIL, RF: 2/14/45<br>choke; single wnd, four pie universal wnd; unshielded; rated 350 microhenrys at 1000 cye, 2.9 ohms DC, c/o 252 turns #29 ES wire; 1 7/8" lg x 5/8" OD o/a excluding term; air core, ceramic form 1 7/8" lg x 3/8" OD; mtd by tapped hole in ea end of form; two solder lug term, one ea end of form; varnish impr.   |                     |        | 16-C-74073-6735        |                                |                |                       | CG  | X-54J585-1                 | CG                | X-54J585-1 rev5                            | SP-1M<br>TU thru<br>TU-3  |

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NAVSHIPS 900,109(A)  
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SHEET 47-172

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                 |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-----------------------------------|
| -47743                | YOKE, deflection coil: 2/16/45<br>sweep coil for CR tube; rated 60 millihenrys at 1000 cye, 139 ohms DC resistance, c/o 1082 turns #33 E wire, two connected wnd ea w/six sect; 5" OD x 2.25" lg o/a; mte over base of CR tube; moistureproof, fungusproof.  |                     |        | 16-C-77134-3001        | N16-C-14094     |                |                       | CG   | M-557619-1                 | CG         | M-557619-1 rev5             | SP-1M<br>VG(2)<br>thru<br>VG-3(2) |
| -47744                | YOKE, deflection coil: 2/14/45<br>Focus and Centering Coil Assembly; c/o coil form, coil housing, focus coil, centering coil; focus coil c/o 19,650 turns #35 E wire, 4260 ohms DC resistance, centering coil c/o two sect ea c/o 81 turns #29 F wire, 5.65 ohms DC resistance; 1500v DC test; 3" OD x 3" lg approx o/a excluding leads; mte over base of CR tube; varnished, moistureproof. |                     |        |                        | N16-C-14090-100 |                |                       | CG   | M-557670                   | CG         | M-557670 rev3               | SP-1M<br>VG(2)thru<br>VG-3(2)     |
| -47745                | COIL, tube deflection: 2/14/45<br><u>CANCELLED</u> : see NF-471250.  |                     |        |                        | N16-RC-19311    |                | 201565-73/02          | CG   | X-357746                   | CG         | X-357746 rev1               | SP-1M                             |
| -47746                | COIL, RF: 2/14/45<br>choke; single wnd, three pie universal wnd; unshielded; rated 120 microhenrys at 1000 cye, 1.38 ohms DC resistance, c/o 141 turns #29 ES wire; 1 3/4" lg x 9/16" OD o/a; ceramic form, air core; form 1 3/4" lg x 3/8" OD; one #6-32 thd x 5/16" d mtg hole on one end; two solder lug term, one ea end of form; varnish impr.  |                     |        | 16-C-73819-1028        | N16-C-14373-225 |                | 30324-57              | CG   | X-54582-1                  | CG         | K-437160-1 rev4             | SP-1M                             |
| -47747                | COIL, RF: 2/14/45<br>choke; single wnd, three pie universal wnd; unshielded; rated 10 millihenrys, 35 ma, 70 ohms DC resistance; 1 15/32" lg x 1" OD o/a excluding leads; air core; form 1 15/32" lg x 3/8" OD; two #6-32 thd x 1/4" d tapped holes, one ctr ea end of form; two radial wire lead, one ea end of form; impr.   |                     |        | 16-C-75104-5762        |                 |                |                       | CG   | ML7763383-1                | CG         | F-7763383-1 rev0            | SP-1M<br>SP                       |
|                       |  |                     |        |                        |                 |                |                       |      |                            |            |                             |                                   |
|                       |  |                     |        |                        |                 |                |                       |      |                            |            |                             |                                   |
|                       |  |                     |        |                        |                 |                |                       |      |                            |            |                             |                                   |

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SHEET 47-173

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                    |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|--------------------------------------|
| -47748                | TRANSFORMER, pulse:<br>osc transf; HS zinc pl steel can; 1 microsecond pulse, pri rated 1100 microhenrys, 2.3 ohms DC resistance, c/o 50 turns of 0.005 E wire, secd #1 rated 1100 microhenrys, 2.5 ohms DC resistance, c/o 50 turns of 0.005 E wire, secd #2 rated 1100 microhenrys, 2.7 ohms DC resistance, c/o 50 turns of 0.005 E wire; 1 1/8" lg x 1 3/8" h x 1 9/16" wd o/a excluding term and mtg bkt; four 0.154" diam holes on 1/2" x 1 7/8" mtg/c on mtg bkt; nickel iron lam core, six solder lug term.  |                     |        | 17-T-79734-6777        | N16-T-6408-100 |                | 301084Z37             | CG  | K-54J318-1                 | CG         | K-54J318-1 rev3             | SP-1M<br>YG thru<br>YG-3             |
| -47749                | TRANSFORMER, PULSE:<br>osc transf; HS zinc pl steel can; 1 microsecond pulse, pri rated 1100 microhenries, 2.3 ohms DC resistance, c/o 50 turns 0.005 E wire, secd #1 rated 1100 microhenries, 2.5 ohms DC resistance, c/o 50 turns of 0.005 E wire, secd #2 rated 1100 microhenries, 2.7 ohms DC resistance, c/o 50 turns 0.005 E wire; 1 27/64" max lg x 1 11/64" max wd x 1 1/2" h, not incl term or mtg studs, 2 3/16" max h; four #6-32 thd x 1/4" lg mtg studs on 15/16" x 11/16" mtg/c; nickel iron lam core, 6 solder lug term; electrically but not mechanically interchangeable w/ Navy Type 47748. |                     |        | 17-T-79607-8907        | N16-T-7001-500 |                |                       | CG  | K-54J44                    | CG         | K-54J44 rev 4               | SP-1M<br>SP                          |
| -47750                | COIL, RF:<br>marker osc coil; single wnd, universal wnd; unshielded; rated 8.5 millihenrys, c/o 715 turns #32ES wire w/25.5 ohms DC resistance; 1 47/64" lg x 1 9/32" OD o/a excluding term and solder adj; textolite form; adj iron core w/solder adj one end of case; two 0.156" diam holes 1 1/4" c to c; two solder lug term; wnd potted in textolite case.   |                     |        | 16-C-76769-5775        | N16-T-18520    |                |                       | CG  | K-54J82-1                  | CG         | K-54J82-1 rev3              | SP-1M<br>SP                          |
| -47751                | COIL, RF:<br>osc coil; single wnd; unshielded; rated 39 millihenrys, c/o 1560 turns #38 ES wire w/203 ohms DC resistance; 1 47/64" lg x 1 9/32" OD excluding term and solder adj; textolite form; adj iron core w/solder adj one end of case; two 0.156" diam mtg holes 1.25" c to c; two solder lug term; wnd potted in textolite case.  |                     |        | 16-C-76795-6869        |                |                |                       | CG  | K-54J82-2                  | CG         | K-54J82-2 rev3              | SP-1M<br>SP<br>AN/UFM-1<br>AN/UFM-1B |

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NAVSHIPS 900.109(A)  
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SHEET 47-174

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO  | EQUIPMENT USED IN       |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|------------------------------|-------------------------|
| -47752                | TRANSFORMER, RF: 2/14/45<br>first RF transf; plug-in type; two wnd, single layer wnd; unshielded; pri Q is 83 at 20 mc, 0.148 ohms DC resistance, secd Q is 137 at 20 mc, 0.029 ohms DC resistance; 2.35" lg x 1 7/16" wd x 1 11/16" h o/a incl term; bakelite form, air core; four 0.75" lg x 0.575" OD; variable air capacitor tuning w/secr adj through top; five cont prongs on bottom of base; incl Navy Type 481083 Capacitor; two 0.134" diam mtg holes 0.875" c to c; cement and wax impr.  |                     |        | 17-T-82437-2602        | N16-T-7073-1   |                | 30329-14              | CWQ | 9A1625                     | CWQ        | 9A1625 1ssA<br>1X226 revE    | RAO-3<br>RAO-4<br>RAO-5 |
| -47753                | TRANSFORMER, IF: 2/14/45<br>peak freq 455 kc; 1st IF, input to control xtal; shielded in rd aluminum can; 2 1/2" diam x 1 7/8" lg o/a excluding leads and mtg studs; bakelite form, air core; tuned pri; var air capacitor tuning w/secr adj through bottom of can; mts by one #6-32 thd x 0.343" lg spade bolt on bottom of can; 4 color coded wire lead term, 2 extend from bottom and 2 from side of can; pri rated 1.15 millih at 1000 cyc, 7.12 ohms DC resistance, secd rated 180 microh at 1000 cyc, 2.57 ohms DC resistance, cement and wax impr, incl two ceramic and one var capacitor. |                     |        | 17-T-67609-8816        |                |                |                       | CWQ | 9A1686                     | CWQ        | 9A1686 1ss A<br>4X2165 rev A | RAO-3 thru<br>RAO-5     |
| -47754                | TRANSFORMER, RF: 2/14/45<br>CANCELLED: same as NT-47312.  |                     |        |                        | N16-T-7073-1   |                |                       | CWQ | 9A1624                     | CWQ        | 9A1624 1ssA<br>1X226 1ssE    | RAO-3                   |
| -47755                | TRANSFORMER, RF: 2/14/45<br>first RF transf; plug-in type; two wnd, single layer wnd; unshielded; pri Q is 80 at 8 mc, 0.372 ohms DC resistance, secd Q is 101 at 5 mc, 0.46 ohms DC resistance; 2.35" lg x 1 3/8" wd x 2 5/16" h, o/a incl term; bakelite form, air core; form 1.5" lg x 1" OD; var air capacitor tuning w/secr adj through top; 5 cont prongs on bottom of base; two 0.134" diam mtg holes 0.875" c to c; cement and wax impr.  |                     |        | 17-T-82438-2253        | N16-T-7073-1   |                | 30329-12              | CWQ | 9A1623                     | CWQ        | 9A1623 1ssA<br>1X226 1ssE    | RAO-3<br>RAO-4<br>RAO-5 |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-174

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SHEET 47-175

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO | EQUIPMENT USED IN       |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|----------------------------|-------------------------|
| -47756                | TRANSFORMER, RF: 2/14/45<br>first RF transf; plug-in type; two wnd, two pie universal wnd; unshielded; pri rated 12 microhenrys at 1000 cyc, Q is 50 at 3 mc, 0.468 ohms DC resistance, secd rated 62 microhenrys at 1000 cyc, Q is 65 at 1.5 mc, 1.335 ohms DC resistance; 2.35" lg x 1 1/4" wd x 1 11/16" h o/a incl term; bakelite fo m, air tor tuning w/secdr adj through top; five cont prongs on bottom of base; cement and wax impr.  |                     |        | 17-T-82296-6658        | N16-T-7072-1   |                | 3C329-11              | CWQ  | 9A1622                     | CWQ<br>CWQ | 9A1622 1saA<br>1X226 1saE  | RAO-3<br>RAO-4<br>RAO-5 |
| -47757                | TRANSFORMER, RF: 2/14/45<br>first RF transf; plug-in type; two wnd, three pie universal wnd; unshielded; pri rated 30 microhenrys at 1000 cyc, Q is 40 at 2000 kc, 0.811 ohms DC resistance, secd rated 353 microhenrys at 1000 cyc, Q is 97 at 600 kc, 3.91 ohms DC resistance; 2.35" lg x 1 1/4" wd x 1 15/16" h o/a incl term; bakelite form, air core; form 1" lg x 0.562" OD; variable air capacitor tuning v/secd adj through top; five cont prongs on bottom of base; cement and wax impr.   |                     |        | 17-T-82302-1256        | N16-T-7071-1   |                | 3C329-29              | CWQ  | 9A1621                     | CWQ<br>CWQ | 9A1621 1saA<br>1X226 1saE  | RAO-3<br>RAO-4<br>RAO-5 |
| -47758                | TRANSFORMER, RF: 2/14/45<br>second RF transf; plug-in type; three wnd, single layer wnd; unshielded; pri Q is 28 at 20 mc, 0.812 ohms DC resistance, secd Q is 40 at 20 mc, 0.043 ohms DC resistance, ter rated 51 microhenrys at 1000 cyc, Q is 31 at 3 mc, 5.98 ohms DC resistance; 2.35" lg x 1 1/4" wd x 1 15/16" h o/a incl term; bakelite form, air core; form 0.812" lg x 0.675" OD; variable air capacitor tuning w/secdr adj through top; 5 cont prongs on bottom of base; two 0.134" diam mtg holes 0.875" c to c; cement and wax impr. |                     |        | 17-T-82438-7671        | N16-T-7080-1   |                | 3C329-27              | CWQ  | 9A1640                     | CWQ<br>CWQ | 9A1640 1saA<br>1X226 revE  | RAO-3<br>RAO-4<br>RAO-5 |
| -47759                | TRANSFORMER, RF: 2/15/45<br>CANCELLED: same as NT-47313.  |                     |        |                        |                |                |                       | CWQ  | 9A1637                     | CWQ<br>CWQ | 9A1637 1saA<br>1X226 1saE  | RAO-3                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                            |                         |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                            |                         |

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NAVSHIPS 900.109(A)  
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SHEET 47-176

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO               | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR        | CONTRACTOR'S DWG OR PART NO                 | EQUIPMENT USED IN       |
|-----------------------|---|---------------------|--------|------------------------|------------------------------|----------------|-----------------------|------------|----------------------------|-------------------|---|-------------------------|
| -47760                | TRANSFORMER, RF: 2/15/45<br>RF transf; plug-in type; 2 wnd, pri universal wnd, secd space wnd; unshielded; pri 690 microhenries at 1000 cyc, Q is 30 at 0.6 mc, 13.95 ohms DC resistance, secd, Q is 84 at 5 mc, 0.46 ohms DC resistance; pri c/o 252 turns #36 S, E wire, secd c/o 23 1/2 turns #28 E wire; 2 3/8" lg x 1 1/4" wd x 2 5/16" h, o/a; bakelite form, air core; 1.5" lg x 9/16" OD approx less coil; adj trimmer capacitor; scdr adj through top of trimmer capacitor; 5 cont prongs on bottom of base; base stamped "C-3"; wax impr, has 1/8 turn of #28 DS coupling wnd for feed back, wnd close to secd. |                     |        | 17-T-82443-1813        | N16-T-7068-1<br>N16-T-7078-1 |                | 30329-23              | CWQ<br>CWQ | 9A1636<br>9A1646           | CWQ<br>CWQ<br>CWQ | 9A1636 1ss A<br>9A1646 1ss A<br>1X226 1ss E | RA0-3 thru<br>RA0-5     |
| -47761                | TRANSFORMER, RF: 2/15/45<br>second RF transf; plug-in type; two wnd, two pie universal wnd; unshielded; pri rated 2200 microhenrys at 1000 cyc, 27.18 ohms DC resistance, Q is 63 at 0.2 mc, secd rated 64.5 microhenrys at 1000 cyc, 1.37 ohms DC resistance, Q is 51 at 1.5 mc; 2.35" lg x 1 1/4" wd x 1 15/16" h o/a incl term; bakelite form, air core; form 1" lg x 9/16" OD; variable air capacitor tuning w/scdr adj through top; five cont prongs on bottom of base; wax impr, has one turn of #28 DS coupling wnd for feed back, wnd close to secd.  |                     |        | 17-T-82312-5311        | N16-T-7077-1                 |                | 30329-30              | CWQ        | 9A1634                     | CWQ<br>CWQ        | 9A1634 1ss A<br>1X226 1ss E                 | RA0-3<br>RA0-4<br>RA0-5 |
| -47762                | TRANSFORMER, RF: 2/15/45<br>second RF transf; plug-in type; two wnd, two pie universal wnd; unshielded; pri rated 30 microhenrys at 1000 cyc, 0.83 ohms DC resistance, Q is 35 at 1500 kc, secd rated 353.5 microhenrys at 1000 cyc, 4.05 ohms DC resistance, Q is 83 at 600 kc; 2.35" lg x 1 1/4" wd x 2 11/16" h o/a incl term; bakelite form, air core; form 0.75" lg x 0.562" OD; variable air capacitor tuning w/scdr adj through top; five cont prongs on bottom of base; cement and wax impr.  |                     |        | 17-T-82302-1260        | N16-T-7076-1                 |                | 30329-32              | CWQ        | 9A1631                     | CWQ<br>CWQ        | 9A1631 1ss A<br>1X226 1ss E                 | RA0-3<br>RA0-4<br>RA0-5 |
|                       |   |                     |        |                        |                              |                |                       |            |                            |                   |   |                         |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-176

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SHEET 47-177

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO  | EQUIPMENT USED IN       |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------------|
| -47763                | TRANSFORMER, RF: 2/15/45<br>detector transf; plug-in type; three wnd, single layer wnd; unshielded; pri Q is 25 at 27 mc, 0.81 ohms DC resistance, secd Q is 38 at 20 mc, 0.043 ohms DC resistance, ter rated 51 microhenry at 1000 cyc, Q is 32 at 3 mc, 5.909 ohms DC resistance; 2.35" lg x 1 1/4" wd x 1 15/16" h o/a incl term; bakelite form, air core; form 0.812" lg x 0.675" OD; variable air capacitor tuning w/scr adj through top; five cont prongs on bottom of base; cement and wax impr.  |                     |        | 17-T-82186-2274        | N16-T-7070-1   |                | 30329-25              | CWQ | 9A1651                     | CWQ<br>CWQ | 9A1651 1eaA<br>1X226 revE   | RAO-3<br>RAO-4<br>RAO-5 |
| -47764                | TRANSFORMER, RF: 2/15/45<br>CANCELLED: same as NT-47314.   |                     |        |                        |                |                |                       | CWQ | 9A1648                     | CWQ<br>CWQ | 9A1648 1eaA<br>1X226 1eaE   | RAO-3                   |
| -47765                | TRANSFORMER, RF: 2/15/45<br>RF transf; plug-in type; 2 wnd, pri and secd 1 pie universal wnd; unshielded; pri 2200 microhenries at 1000 cyc, Q is 60 at 0.2 mc, 27 ohms DC resistance, secd, 64 microhenries at 1000 cyc, Q is 50 at 1.5 mc, 1.37 ohms DC resistance; pri wnd c/o 347 turns #36 AWG, S, E wire, secd c/o 58 turns #10-41 S, E, Litz wire; 2 3/8" lg x 1 1/4" wd x 1 15/16" h, o/a; bakelite form, air core; 1" lg x 1" OD, less coil; adj trimmer capacitor; scdr adj through top of trimmer capacitor; 5 cont prongs on bottom of base; base stamped "D3"; wax impr, has 1 turn of #28 DS coupling wnd for feedback, wnd close to secd. |                     |        | 17-T-82312-3063        | N16-T-7067-1   |                | 30329-22              | CWQ | 9A1645                     | CWQ<br>CWQ | 9A1645 1ea A<br>1X226 1ea E | RAO-3 thru<br>RAO-5     |
| -47766                | TRANSFORMER, RF: 2/15/45<br>detector transf; plug-in type; two wnd, two pie universal wnd; unshielded; pri rated 30 microhenry at 1000 cyc, Q is 35 at 1500 kc, 0.764 ohms DC resistance, secd rated 345 microhenry at 1000 cyc, Q is 85 at 600 kc, 4.01 ohms DC resistance; 2.35" lg x 1.25" wd x 1.675" h o/a incl term; bakelite form, air core; form 0.75" lg x 0.562" OD; variable air capacitor tuning w/scr adj through top; five cont prongs on bottom of base; cement and wax impr.   |                     |        | 17-T-82302-1254        | N16-T-7066-1   |                | 30329-21              | CWQ | 9A1643                     | CWQ<br>CWQ | 9A1643 1eaA<br>1X226 1eaE   | RAO-3<br>RAO-4<br>RAO-5 |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                         |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                         |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                         |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-177

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SHEET 47-178

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN       |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------------|
| -47767                | TRANSFORMER, RF: 2/15/45<br>HF osc transf; plug-in type; two wnd, single layer wnd; unshielded; pri Q is 120 at 20 mc, 0.03 ohms DC resistance, secd Q is 76 at 20 mc, 0.068 ohms DC resistance; 2.35" lg x 1.25" wd x 1.675" h o/a incl term; bakelite form, air core; form 0.75" lg x 0.575" OD; variable air capacitor tuning w/scdr adj through top; five cont prongs on bottom of base; incl NT-481083 Fixed Capacitor; cement and wax impr. |                     |        | 16-C-76281-5625        | N16-T-6391-5   |                | 30329-19              | CWQ | 9A1661                     | CWQ        | 9A1661 1aaA<br>1X226 1aaE   | RAO-3<br>RAO-4<br>RAO-5 |
| -47768                | COIL, RF: 2/15/45<br>marker osc coil; single wnd, universal wnd; unshielded; rated 90 millihenrys at 8.2 kc peak freq, c/o 2930 turns #36 ES wire w/235 ohms DC resistance; 1 47/64" lg x 1 9/32" OD o/a excluding term and scdr adj; textolite form; adj iron core w/scdr adj one end of case; two 0.156" diam mtg holes 1 1/4" c to c; two solder lug term; wnd potted in textolite case.   |                     |        | 16-C-76821-5775        | N16-T-18520-20 |                | 301081-9D             | CG  | X-54J82-3                  | CG         | X-54J82-3 rev3              | SP-1M<br>SP             |
| -47769                | COIL, RF: 2/15/45<br>marker osc coil; single wnd, universal wnd; unshielded; rated 170 millihenrys at 4.10 kc peak freq, c/o 3920 turns #38 ES wire w/520 ohms DC resistance; 1 47/64" lg x 1 9/32" OD o/a excluding term and scdr adj; textolite form; adj iron core w/scdr adj one end of case; two 0.156" diam mtg holes 1 1/4" c to c; two solder lug term; wnd potted in textolite case.   |                     |        | 16-C-76841-5775        | N16-T-18520-10 |                | 301081-9F             | CG  | X-54J82-4                  | CG         | X-54J82-4 rev3              | SP-1M<br>SP             |
| -47770                | COIL, RF: 2/15/45<br>marker osc coil; single wnd, universal wnd; unshielded; rated 435 millihenrys at 1000 cyc, c/o 5100 turns #38 ES wire w/690 ohms DC resistance; 1 47/64" lg x 1 9/32" OD o/a excluding term and scdr adj; textolite form; adj iron core w/scdr adj at top of form; two 0.156" diam mtg holes 1 1/4" c to c; two solder lug term on bottom of case; wnd potted in textolite case.   |                     |        | 16-C-76854-7348        | N16-T-18520-15 |                | 301081-9E             | CG  | X-54J82-5                  | CG         | X-54J82-5 rev3              | SP-1M<br>SP             |
| -47771                | TRANSFORMER, RF: 2/15/45<br>CANCELLED: same as NT-47315.  |                     |        |                        |                |                | 30329-18              | CWQ | 9A1659                     | CWQ        | 9A1659 1aaA<br>1X226 1aaE   | RAO-3                   |
| -47772                | TRANSFORMER, RF: 2/15/45<br>CANCELLED: same as NT-47319.  |                     |        |                        |                |                |                       | CWQ | 9A1657                     | CWQ        | 9A1657 1aaA<br>1X226 1aaE   | RAO-3                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                         |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                         |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-178

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SHEET 47-179

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO    | EQUIPMENT USED IN       |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|--------------------------------|-------------------------|
| -47773                | TRANSFORMER, RF: 2/15/45<br>HF osc transf; plug-in type; unshielded; two wnd, single layer wnd; pri rated 48 microhenrys at 1000 cyc, Q is 80 at 15 mc, 0.913 ohms DC resistance, secd rated 3.1 microhenrys at 1000 cyc, Q is 51 at 10 mc, 0.156 ohms DC resistance; 2.35" lg x 1.25" wd x 2.44" h o/a incl term; bakelite form, air core; form 1.5" lg x 1" OD; variable air capacitor tuning w/secdr adj through top; five cont prongs on bottom of base; incl NT-481428 Fixed Capacitor; cement and wax impr.     |                     |        | 16-C-76503-1564        | N16-T-7002-14  |                | 30329-16              | CMQ | 9A1655                     | CMQ        | 9A1655 1ssB<br>1X226 revE      | RAO-3<br>RAO-4<br>RAO-5 |
| -47774                | TRANSFORMER, RF: 2/15/45<br>HF osc transf; plug-in type; two wnd, single layer wnd; unshielded; pri rated 184 microhenrys at 1000 cyc, Q is 50 at 600 kc, 2.27 ohms DC resistance, secd rated 30 microhenrys at 1000 cyc, Q is 26 at 1500 kc, 0.784 ohms DC resistance; 2.35" lg x 1.25" wd x 2.075" h o/a incl term; bakelite form, air core; form 1" lg x 0.562" OD; variable air capacitor tuning w/secdr adj through top; five cont prongs on bottom of base; incl NT-48854 Fixed Capacitor; cement and wax impr. |                     |        | 17-T-82302-1258        | N16-T-6391-6   |                | 30329-15              | CMQ | 9A1653                     | CMQ        | 9A1653 1ssA<br>1X226 1ssE      | RAO-3<br>RAO-4<br>RAO-5 |
| -47775                | COIL, tube focusing: 2/16/45<br>zinc pl steel case; rated 0.021 amp, 10,000 ohms DC resistance, c/o 27,500 turns #37 E wire; 4 7/8" OD x 1 3/4" lg o/a excluding leads and cover plate; three 0.375" diam mtg holes on 4 7/8" diam bolt circle; two wire lead term.   |                     |        | 16-C-77253-5501        | N16-C-14090-40 |                |                       | CG  | X-47J996-1                 | CG         | X-47J996-1 rev5<br>42J222 rev1 | SP-1M<br>SM<br>SP       |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-179

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SHEET 47-180

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|-----------------------------|-------------------|
| -47776                | <p>TRANSFORMER, IF: 2/20/45<br/>                     peak freq 455 kc; interstage first IF; shielded in rectangular metal can; 1 9/32" lg x 1 9/32" wd x 2 25/32" h o/a excluding leads and scdr adj; tuned pri and scdr; adj powdered iron core tuning w/scdr adj through top of can; mts by two spade bolts 1 1/4" c to c on bottom of can; four color coded wire lead term, black lead 2" lg, blue lead 3" lg and red lead 1 3/4" lg extend from bottom of can, green lead 2 1/2" lg extends from top of can; pri rated 320 millihenrys at 1000 cyc, Q is 91 at 455 kc, 7 ohms DC resistance, scdr rated 600 millihenrys at 1000 cyc, Q is 105 at 455 kc, 9.5 ohms DC resistance, inductances measured w/o core; incl a 155 mmf fixed silver mica capacitor across pri and an 80 mmf fixed silver mica capacitor across scdr; same as NT-47781 and NT-47782 except for length of leads.</p> |                     |        | 17-T-67630-4246        |                |                | 229641.147            | CFW |                            | 50B086 1e8D                 | RCB               |
| -47777                | <p>COIL, RF: 2/20/45<br/>                     choke; single wnd, four pie wnd; unshielded; 2.5 millihenrys at 1 kc, 36 ohms DC; approx 1 3/4" lg x 3/4" diam; mts by one #6-32 thd x 5/16" d tapped hole; two solder tab term one ea end of coil; "K-34J318" stamped on form; varnish impr.</p>  |                     |        | 16-C-74704-5546        | W16-RC-17795   |                |                       | CG  | K-34J318-1                 | K-34J318 rev7               | UM                |
| -47778                | <p>COIL, RF: 2/20/45<br/>                     RF filter coil; single wnd, close wnd solenoid; unshielded; rated 60 microhenrys at 1000 cyc, Q is 80 at 2 mc, 3.2 ohms DC resistance, RH wnd o/o 123 turns #33 F NEMA wire; approx 1 5/8" lg x 31/32" wd x 2" h o/a excluding scdr adj; steatite form 1 1/2" lg x 7/16" OD w/steatite cap 1 3/16" lg x 11/16" wd x 5/32" thk; adj iron core w/scdr adj through base; two 0.195" diam mtg holes 1 1/4" c to c on base; three solder lug term, two on base and one on top; varnish impr; incl one 51 mmf fixed capacitor.</p>   |                     |        | 16-C-73600-9999        |                |                |                       | CG  | E62J210-1                  | K-62J210-1 rev2             | UM                |
|                       |  |                     |        |                        |                |                |                       |     |                            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |     |                            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
 SUPPLEMENT # 1

SHEET 47-180

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SHEET 47-181

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR'S OWG ON PART NO | EQUIPMENT USED IN |     |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|-----------------------------|-------------------|-----|
| -47779                | <p>COIL, RF: 2/20/45</p> <p>RF filter coil; single wnd, close wnd solenoid; unshielded; rated 56 microhenrys at 1000 cyc, Q is 75 at 2 mc, 3 ohms DC resistance, c/o 111 turns #33 F NEMA wire; approx 1 5/8" lg x 31/32" wd x 2" h o/a excluding solder adj; steatite form 1 1/2" lg x 7/16" OD w/steatite cap; 1 3/16" lg x 11/16" wd x 5/32" thk; adj iron core w/solder adj through base; two 0.195" diam mtg holes 1 1/4" c to c on base; three solder lug term, two on base and one on top; varnish impr; incl one 82 mmf fixed capacitor.</p>  |                     |        | 16-C-73557-2797        |                |                |                       | CG   | K62J210-2                  | CG                          | K-62J210-2 rev2   | UM  |
| -47780                | <p>COIL, RF: 2/20/45</p> <p>RF filter coil; single wnd, close wnd solenoid; unshielded; rated 42 microhenrys at 1000 cyc, 1.7 ohms DC resistance, Q is 80 at 2 mc, c/o 95 turns #31 F NEMA wire; approx 1 5/8" lg x 31/32" wd x 2" h o/a excluding solder adj; steatite form 1 1/2" lg x 7/16" OD w/steatite cap 1 3/16" lg x 11/16" wd x 5/32" thk; adj iron core w/solder adj through base; two 0.195" diam mtg holes 1 1/4" c to c on base; three solder lug term, two on base and one on top; varnish impr; incl one 56 mmf fixed capacitor.</p>  |                     |        | 16-C-73501-7000        |                |                |                       | CG   | K62J210-3                  | CG                          | K-62J210-3 rev2   | UM  |
| -47781                | <p>TRANSFORMER, IF: 2/20/45</p> <p>peak freq 455 kc; interstage, second IF; shielded in rectangular metal can; 1 9/32" lg x 1 9/32" wd x 2 25/32" h o/a excluding leads and solder adj; tuned pri and sec; adj powdered iron core tuning w/solder adj through top of can; mts by two spade bolts 1 1/4" c to c on bottom of can; four color coded wire lead term, black lead 1" lg, blue lead 1 1/2" lg and red lead 1 3/4" lg extend from bottom of can and green lead 2 1/2" lg extend from top of can; pri rated 320 millihenrys at 1000 cyc, Q is 91 at 455 kc, 7 ohms DC resistance, sec rated 600 millihenrys at 1000 cyc, Q is 105 at 455 kc, 9.5 ohms DC resistance, inductances measured w/o core; incl a 155 mmf fixed silver mica capacitor across pri and an 80 mmf fixed silver mica capacitor across sec; same as NT-47776 and NT-47782 except for length of leads.</p> |                     |        | 17-T-67630-4261        |                |                | 229641.189            | OFW  |                            | CHL                         | 50B157 1ssC       | RCB |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-181

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SHEET 47-182

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN     |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-----------------------|
| -47782                | TRANSFORMER, IF: 2/20/45<br>peak freq 455 kc; interstage, third IF; shielded in rectangular metal can; 1 9/32" lg x 1 9/32" wd x 2 25/32" h o/a excluding leads and scdr adj; tuned pri and scdr; adj powdered iron core tuning w/scdr adj through top of can; mts by two spade bolts 1 1/4" c to c on bottom of can; four color coded wire lead term, black lead 1" lg, blue lead 2" lg, red lead 1" lg, green lead 1 3/4" lg extend from bottom of can; pri rated 320 millihenrys at 1000 cyc, Q is 91 at 455 kc, 7 ohms DC resistance, scdr rated 600 millihenrys at 1000 cyc, Q is 105 at 455 kc, 9.5 ohms DC resistance, inductances measured w/o core; incl a 155 muf fixed silver mica capacitor across pri and an 80 muf fixed silver mica capacitor across scdr; same as NT-47776 and NT-47781 except for lg of leads. |                     |        | 17-T-67630-4276        |                |                | 229641.144            | CFW  |                            | CDL        | 50B158 1ssB                 | RCB                   |
| -47783                | TRANSFORMER, RF: 2/20/45<br>ant trans; two wnd, two pie universal wnd; unshielded; freq range 640 to 860 kc, pri rated 2370 microhenrys at 1000 cyc, 28.6 ohms DC resistance, scdr rated 168 microhenrys at 870 kc w/ 200 muf and Q of 75, 2.96 ohms DC resistance, inductance measured w/o core; 2 3/8" lg x 7/8" OD o/a excluding leads; paper form 1 1/2" lg x 7/16" OD; adj powdered iron core w/scdr adj through top of form; mtd on term strip; four wire leads connected to solder lug term on term strip; form stamped "1A"; lacquer impr; NT-47783, NT-47787, NT-47788 and NT-47789 are commonly mtd 1" c to c on term strip 4 1/2" lg x 1" wd w/two mtg holes 4 1/4" c to c.  |                     |        | 17-T-8234-8912         |                |                |                       | CAQB | 755                        | CDL<br>CDL | 51B301 1ssB<br>51A735 1ssA  | RCB                   |
| -47784                | COIL, RF: 2/16/45<br>choke; one wnd, duolateral wnd; unshielded; rated 30 microhenrys at 1000 cyc, 5 ohms DC resistance, o/o 55 turns of #38 SSE wire; 1 1/16" lg x 5/16" OD o/a excluding leads; bakelite form, air core; form 1 1/16" lg x 1/4" OD; mts by two radial wire lead term, one ea end of form; lacquer impr.   |                     |        | 16-C-73410-1690        |                |                | 30323-4T              | CDL  | A-207-1623                 | CDL        | A-207-1623 revB             | TS-28/UPN<br>AN/UFA-1 |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-182

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SHEET 47-183

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STO K NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO | EQUIPMENT USED IN     |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|----------------------------|-----------------------|
| -47785                | COIL, RF: 2/16/45<br>choke; one wnd, duolateral wnd; unshielded; rated 80 microhenrys at 1000 cyc, 10 ohms DC resistance, c/o 96 turns #38 SSE wire; 11/16" lg x 5/16" OD o/a excluding leads; bakelite form, air core; form 11/16" lg x 1/4" OD; mts by two radial wire lead term, one ea end of form; lacquer impr.  |                     |        | 16-C-73675-6585        |                |                | 30323-4V              | CDL  | A-207-1624                 | CDL        | A-207-1624 rev B           | IS-28/UEN<br>AN/UFA-1 |
| -47786                | COIL, RF: 2/16/45<br>choke; one wnd, duolateral wnd; unshielded; rated 10 microhenrys at 1000 cyc, 3 ohms DC resistance, c/o 32 turns #38 SSE wire; 11/16" lg x 5/16" OD o/a excluding leads; bakelite form, air core; form 11/16" lg x 1/4" OD; mts by two radial wire lead term one ea end of form; lacquer impr.  |                     |        | 16-C-73096-1919        | N16-R0-17738-3 |                |                       | CDL  | A-207-1391                 | CDL        | A-207-1391 rev C           | AN/UFA-1<br>(3)       |
| -47787                | TRANSFORMER, RF: 2/20/45<br>ant trans; two wnd, two pie universal wnd; unshielded; freq range 1.7 to 2.32 mc, pri rated 405 microhenrys at 1000 cyc, 1.11 ohms DC resistance, secd rated 24 microhenrys at 2.35 mc w/200 mmf and Q of 70, 0.119 ohms DC resistance, inductance measured w/o core; 2 3/8" lg x 19/32" OD o/a excluding leads; paper form 1 1/2" lg x 7/16" OD; adj powdered iron core w/secr adj through top of form; mtd on term strip; four wire leads connected to solder lug term on term strip; form stamped "2A"; lacquer impr; NT-47783, NT-47787, NT-47788 and NT-47789 are commonly mtd 1" c to c on term strip 4 1/2" lg x 1" wd w/two mtg holes 4 1/4" c to c. |                     |        | 17-T-82300-3512        |                |                |                       | CAQB | 755                        | CEL<br>CEL | 51B301 1ssE<br>51A736 1ssA | RCE                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-183

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SHEET 47-184

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -47788                | <p>TRANSFORMER, RF: 2/20/45</p> <p>ant trans; three wnd, pri one pie universal wnd, secd #1, #2 single layer wnd; unshielded; freq range 4.65 to 6.65 mc, pri rated 65 microhenrys at 1000 cyc, 1.73 ohms DC resistance, secd #1 c/o 23 turns #24 DCB wire w/ 0.083 ohms DC resistance, secd #2 c/o 2 turns #34 SSE wire w/ 0.168 ohms DC resistance, inductance measured w/o core; 2 3/8" lg x 3/4" OD o/a excluding leads; paper form 1 1/2" lg x 7/16" OD; adj powdered iron core w/scdr adj through top of form; mtd on term strip; six wire leads connected to solder lug term on term strip; form stamped "3A"; lacquer impr; NT-47783, NT-47787, NT-47788 and NT-47789 are commonly mtd 1" c to c on term strip 4 1/2" lg x 1" wd w/two mtg holes 4 1/4" c to c.</p> |                     |        | 17-T-82436-6794        |                |                |                       | CAQB | 755                        | CHL<br>CHL | 51B301 1saE<br>51A737 1saA  | ROB               |
| -47789                | <p>TRANSFORMER, RF: 2/20/45</p> <p>ant trans; three wnd, single layer wnd; unshielded; freq range 13.1 to 17.3 mc, pri c/o 32 turns #36 SCE wire w/ 1.69 ohms DC resistance, secd #1 c/o 5 turns #22 TDC braided wire w/ 0.021 ohms DC resistance, secd #2 c/o 2 turns #34 SSE wire w/ 0.21 ohms DC resistance; 2 3/8" lg x 11/16" OD o/a excluding leads; paper form 1 1/2" lg x 7/16" OD; adj powdered iron core w/scdr adj through top of form; mtd on term strip; six wire leads connected to solder lug term on term strip; form stamped "4A"; lacquer impr; NT-47783, NT-47787, NT-47788 and NT-47789 are commonly mtd 1" c to c on term strip 4 1/2" lg x 1" wd w/two mtg holes 4 1/4" c to c.</p>   |                     |        | 17-T-82436-7922        |                |                |                       | CAQB | 755                        | CHL<br>CHL | 51B301 1saE<br>51A738 1saA  | ROB               |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-184

**RESTRICTED**

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SHEET 47-185

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A B O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -47790                | TRANSFORMER, RF; 2/20/45<br>osc transf; two wnd, two pie universal wnd; unshielded; freq range 740 to 1070 kc, pri rated 33 microhenrys at 1000 cyc, 1.68 ohms DC resistance, secd rated 106 microhenrys at 1075 mc w/ 200 mmf, 2.29 ohms DC resistance, inductance measured w/o core; 2 3/8" lg x 7/8" OD o/a excluding leads; fibre form 1 1/2" lg x 7/16" OD; adj powdered iron core w/secr adj through top of form; mtd on term strip; four wire leads connected to solder lug term on term strip; form stamped "1C"; lacquer impr; NT-47790, NT-47791, NT-47792 and NT-47793 are commonly mtd 1" c to c on term strip 4 1/2" lg x 1" wd w/two mtg holes 4 1/4" c to c. |                     |        | 17-T-82302-9812        |                |                |                       | CAQB | 757                        | CHL<br>CHL | 51B303 1eaE<br>51A743 1eaA  | RCB               |
| -47791                | TRANSFORMER, RF; 2/20/45<br>osc transf; two wnd, single layer wnd; unshielded; freq range 1.76 to 2.65 mc, pri rated 15.5 microhenrys at 2.87 mc w/ 200 mmf, 0.367 ohms DC resistance, secd c/o 8 turns #34 SSE wire, inductance measured w/o core; 2 3/8" lg x 1/2" OD o/a excluding leads; fibre form 1 1/2" lg x 7/16" OD; adj powdered iron core w/secr adj through top of form; mtd on term strip; four wire leads connected to solder lug term on term strip; form stamped "2C"; lacquer impr; NT-47790, NT-47791, NT-47792 and NT-47793 are commonly mtd 1" c to c on term strip 4 1/2" lg x 1" wd w/two mtg holes 4 1/4" c to c.                                    |                     |        | 17-T-82297-6212        |                |                |                       | CAQB | 757                        | CHL<br>CHL | 51B303 1eaE<br>51A744 1eaA  | RCB               |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-185

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SHEET 47-186

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -47792                | TRANSFORMER, RF: 2/20/45<br>osc transf; two wnd, single layer wnd; unshielded; freq range 5 to 7.65 mc, pri c/o 19 turns #24 DC B wire w/ 0.283 ohms DC resistance, secd c/o 6 turns #34 SSE wire interwound between last 6 turns of pri wnd, 0.070 ohms DC resistance; 2 3/8" lg x 9/16" OD o/a excluding leads; fibre form 1 1/2" lg x 7/16" OD; adj powdered iron core w/ scdr adj through top of form; mtd on term strip; four wire leads connected to solder lug term on term strip; form stamped "30"; lacquer imp; NT-47790, NT-47791, NT-47792 and NT-47793 are commonly mtd 1" c to c on term strip 4 1/2" lg x 1" wd w/two mtg holes 4 1/4" c to c.  |                     |        | 17-T-82437-8912        |                |                |                       | CAQB | 757                        | CHL<br>CHL | 51A745 1eeA<br>51B303 1eeE  | RCB               |
| -47793                | TRANSFORMER, RF: 2/20/45<br>osc transf; three wnd, single layer wnd; unshielded; freq range 13.15 to 17.7 mc, pri c/o 12 turns #24 DCB wire w/ 0.052 ohms DC resistance, secd #1 c/o 5 turns turns #24 wire w/ 0.019 ohms DC resistance, secd #2 c/o 2 turns #34 SSE wire interwound between last 2 turns of secd #1, 0.067 ohms DC resistance; 2 3/8" lg x 5/8" OD o/a excluding leads; fibre form 1 1/2" lg x 7/16" OD; adj powdered iron core w/scdr adj through top of form; mtd on term strip; six wire leads connected to solder lug term on term strip; form stamped "40"; lacquer imp; NT-47790, NT-47791, NT-47792 and NT-47793 are commonly mtd 1" c to c on term strip 4 1/2" lg x 1" wd w/two mtg holes 4 1/4" c to c. |                     |        | 17-T-82208-7021        |                |                |                       | CAQB | 757                        | CHL<br>CHL | 51B303 1eeE<br>51A746 1eeA  | RCB               |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-186

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SHEET 47-187

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A B O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -47794                | <p>TRANSFORMER, RF: 2/21/45</p> <p>two wnd, two pie universal wnd; unshielded; freq range 682 to 845 kc, pri rated 8490 microhenrys at 1000 cyc, 82.1 ohms DC resistance, secd rated 177 microhenrys at 858 kc w/ 200 mmf, 0.298 ohms DC resistance, inductance measured w/o core; 2 3/8" lg x 27/32" OD o/a excluding leads; fibre form 1 1/2" lg x 7/16" OD; adj powdered iron core w/secdr adj through top of form; mtd on term strip; four wire leads connected to solder lug term on term strip; form stamped "1B"; lacquer impr; NT-47794, NT-47795, NT-47796 and NT-47797 are commonly mtd 1" c to c on term strip 4 1/2" lg x 1" wd w/two mtg holes 4 1/4" c to c.</p>  |                     |        | 17-T-82155-2599        |                |                |                       | CAQB | 756                        | CHL<br>OHL | 51B302 1eaD<br>51A739 1eaA  | RCB               |
| -47795                | <p>TRANSFORMER, RF: 2/21/45</p> <p>two wnd, two pie universal wnd; unshielded; freq range 1.63 to 2.20 mc, pri rated 1510 microhenrys at 1000 cyc, 24.1 ohms DC resistance, secd rated 24 microhenrys at 2.28 mc w/ 200 mmf, 1.05 ohms DC resistance, inductance measured w/o core; 2 3/8" lg x 19/32" OD o/a excluding leads; fibre form 1 1/2" lg x 7/16" OD; adj powdered iron core w/secdr adj through top of form; mtd on term strip; four wire leads connected to solder lug term on term strip; form stamped "2B"; lacquer impr; NT-47794, NT-47795, NT-47796 and NT-47797 are commonly mtd 1" c to c on term strip 4 1/2" lg x 1" wd w/two mtg holes 4 1/4" c to c.</p> |                     |        | 17-T-82181-8912        |                |                |                       | CAQB | 756                        | CHL<br>CHL | 51B302 1eaD<br>51A740 1eaA  | RCB               |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-187

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SHEET 47-188

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|-----------------------------|-------------------|
| 47796                 | TRANSFORMER, RF: 2/21/45<br>two wnd, pri one pie universal wnd, secd single layer wnd; unshielded; freq range 4.75 to 6.5 mc, pri rated 121 microhenrys at 1000 cyc, 2.47 ohms DC resistance, secd c/o 23 turns #24 DCB wire w/ 0.084 ohms DC resistance, inductance measured w/o iron core; 2 3/8" lg x 3/4" OD o/a excluding leads; fibre form 1 1/2" lg x 7/16" OD; adj powdered iron core v/secdr adj through top of form; mtd on term strip; four wire leads connected to solder lug term on term strip; form stamped "3B"; lacquer impr; NT-47794, NT-47795, NT-47796 and NT-47797 are commonly mtd 1" c to c on term strip 4 1/2" lg x 1" wd w/two mtg holes 4 1/4" c to c. |                     |        | 17-T-82191-4415        | 116-T-7047-1   |                |                       | CAQB | 756                        | 51B302 1eaD<br>51A741 1eaA  | RCB               |
| 47797                 | TRANSFORMER, RF: 2/21/45<br>two wnd, single layer wnd; unshielded; freq range 13.2 to 17.7 mc, pri c/o 32 turns #36 E wire w/ 1.7 ohms DC resistance, secd c/o 5 turns #22 wire w/ 0.02 ohms DC resistance; 2 3/8" lg x 5/8" OD o/a excluding leads; fibre form 1 1/2" lg x 7/16" OD; adj powdered iron core v/secdr adj through top of form; mtd on term strip; four wire leads connected to solder lug term on term strip; form stamped "4B"; lacquer impr; NT-47794, NT-47795, NT-47796 and NT-47797 are commonly mtd 1" o to c on term strip 4 1/2" lg x 1" wd w/two mtg holes 4 1/4" c to c.  |                     |        | 17-T-82208-8912        |                |                |                       | CAQB | 756                        | 51B302 1eaD<br>51A742 1eaA  | RCB               |
| 47798                 | TRANSFORMER, RF: 2/21/45<br>RFO transf; two wnd, two pie universal wnd; unshielded; freq range 410 to 465 kc, pri rated 305 millihenrys at 1000 cyc, Q is 48, 5.1 ohms DC resistance, secd rated 230 millihenrys at 1000 cyc, Q is 52, 4.5 ohms DC resistance, inductance measured w/o core; 1 1/8" lg x 5/8" wd x 1 11/32" h o/a incl term; coil form 1" lg x 1/2" OD; adj powdered iron core v/secdr adj through bottom of form; has one #6-32NC-2 thd mtg hole ctr in top of form; four solder lug term on base; lacquer and wax impr.  |                     |        | 17-T-82407-9790        |                |                | 229644.25             | CAIX | 5190                       | 54B022 1eaD                 | RCB               |
|                       |  |                     |        |                        |                |                |                       |      |                            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-188

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SHEET 47-189

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFOR       | MANUFACTURER'S PART NUMBER                    | CONTRACTOR | CONTRACTOR'S DWG OR PART NO                   | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|---|------------|---|-------------------|
| -47799                | COIL, RF: 2/21/45<br>RF coil; single wnd, layer wnd; unshielded; rated 27.7 microhenrye at 1420 kc, Q is 166 p/m 30, c/o 36 turns #22 DC wire; approx 2 3/8" lg x 1 1/4" diam o/a excluding term; ceramic form, air core; mtd by two studs, one ea end of form; two solder lug term, one ea end of form on mtg studs.   |                     |        | 16-C-73403-5336        |                |                | 224500-26             | CNA        | XR-16   | CYV<br>CYV | 15A-B-2-2 1aa1<br>FW15-15                     | TEB<br>TEC        |
| -47800                | OSCILLATOR COIL AND SWITCH: 2/20/45<br>osc coil; 2 wnd, single layer wnd, tapped; unshielded; pri c/o 3 5/6 turns #30 E copper wire tapped at 1 1/6 turns and 2 2/3 turns, secd c/o 10 2/3 turns #16 tinned copper wire tapped at 2 1/2, 3 1/3, 7 1/2 and 10 2/3 turns, 0.021 ohms DC resistance, 500 vact; 2 1/4" OD x 1 7/8" lg, o/a; air core, mica form; adj turns ratio; rotary type, 3PDT sw at 1 end; mts by 0.251" diam hole ctr of end plate; 8 solder lug term.   |                     |        | 17-T-82437-2661        | N16-T-6419-17  |                |                       | CAY<br>CAY | T-7605585-02<br>rev 19<br>T-7605613<br>sub 16 |            |   | TCE               |
| -47801                | OSC COIL AND SWITCH: 2/20/45<br>osc; 2 wnd, tapped; unshielded; tap #5 to start rated 4 microhenries at 6 mc, tap #6 to start rated 6.55 microhenries at 6 mc, pri c/o 4 5/6 turns #30 E wire tapped at 1 1/6 turns, secd c/o 13 1/2 turns #16 tinned copper wire, tapped at 3 1/2, 5 1/3, 9 1/16 turns 0.026 ohms DC resistance, 500 vact; 1.758" OD x 2 7/16" lg o/a, excluding term; air core, mica form; incl wafer sw on 1 end to change turns ratio; mts by 0.251" diam hole through ctr of end plate; 8 solder lug term on top of form.  |                     |        | 17-T-82437-5361        | N16-T-6419-20  |                |                       | CAY<br>CAY | T-7605585 rev19<br>T-7605613-1<br>rev 16      |            |   | TCE               |
| -47802                | OSC COIL AND SWITCH: 2/20/45<br>osc coil; 2 wnd, w/tapped pri and secd; unshielded; tap #5 to start rated 1.25 millihenries at 6 mc, tap #6 to start rated 2.15 millihenries at 6 mc, pri c/o 3 5/6 turns #30 E wire tapped at 1 1/6, secd c/o 7 2/3 turns #16 wire, tapped at 2, 2 1/2, 4 2/3, 7 5/12 turns 0.016 ohms DC resistance; 1.703" OD x 2 7/16" lg, o/a excluding term and sw; air core, mica form; has wafer sw to change turns ratio (tunable by sw); incl wafer sw mtd at 1 end of coil form; mts by 0.251" diam hole through ctr of end plate; 8 solder lug term on top of form. |                     |        | 17-T-82437-2665        | N16-T-6419-9   |                |                       | CAY        | T-7605585-3                                   | CAY<br>CAY | T-7605585-3<br>rev 19<br>T-760561-3<br>rev 16 | TCE               |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-189

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SHEET 47-190

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -47803                | COIL, RF: 2/24/45<br>osc coil; single wnd; unshielded; c/o 50.5 turns #30 E wire, 1.7 ohms DC resistance, rated 61 microhenrys, 100 ma, oper freq 1850 kc; 3/4" OD x 3/4" lg o/a excluding term; air core, polystyrene form; mts by #6-32 thd mtg hole through ctr of form; two solder lug term on top of form; color coded w/blue dot on form.  |                     |        | 16-0-73610-3525        |                |                |                       | CDU  | 21-132                     | CDU        | DD-989-A                    | CDU-60073         |
| -47804                | COIL, RF: 2/24/45<br>osc coil; single wnd; unshielded; c/o 39.5 turns #30 E wire, 1.5 ohms DC resistance, rated 38.5 microhenrys, 100 ma, oper freq 1850 kc; 3/4" OD x 3/4" lg o/a excluding term; air core, polystyrene form; mts by #6-32 thd mtg hole through ctr of form; two solder lug term on top of form; color coded w/brown dot on form.   |                     |        | 16-C-73483-1713        |                |                |                       | CDU  | 21-133                     | CDU        | DD-989-A                    | NT-60073          |
| -47805                | COIL, RF: 2/24/45<br>RF choke; one wnd, single layer wnd; unshielded; rated 36.5 microhenrys at 1850 kc, 0.1 amp, c/o 35.5 turns #30 E wire, 1.5 ohms DC resistance; 2 5/16" lg x 1 1/4" wd x 7/8" h o/a; polystyrene form, air core; form 7/8" lg x 1" OD; single #6-32 thd x 3/16" d mtg hole in ctr of coil form; two solder lug term on coil form.   |                     |        | 16-C-73466-9900        |                |                |                       | CDU  | 21-134                     | CDU        | DD-999-A                    | CDU-60073         |
| -47806                | REACTOR: 2/24/45<br>audio reactor; 1 sect, tapped; term (1-2) 875 millihenries, term (1-3) 240 millihenries, 0.025 amp max, 0.017 amp (nom); term (1-2) 238.2 ohms DC resistance, term (1-3) 119 ohms DC resistance; 1500v test; BS metal case, compound filled, varnish impr, 3860 turns #36 wire tapped at 1500 turns; 2 3/16" lg x 1 7/8" wd x 2 7/16" h, o/a, excluding term; two 0.187" diam holes 2 1/8" c to c; 3 solder lug term CER type #F046 on side; "#47806", "#W-131088-99" stamped on top of can. |                     |        | 16-R-29644-3101        |                |                |                       | CTR  | 10185                      | CRV        | W-131088-99                 | JT                |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-190

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SHEET 47-191

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -47808                | COIL, RF: 2/24/45<br>one wnd, two pie univereal wnd; sq zinc can; rated 640 millihenrys, c/o 6080 turns #38 BS wire; 2" lg x 2" wd x 2 3/4" h o/a excluding term and mtg studs; iron core; two 1/8" approx diam holes 1 7/8" c to c; two solder lug term on top of can; wax impr.   |                     |        | 16-C-75746-9483        | N16-C-14375-7  |                |                       | CFW | W-131195-122               | CRV        | W-131195-122 sub1           | JT                |
| -47807                | FILTER, band pass: 2/24/45<br>resonant freq 8 kc; 2" lg x 2" wd x 3 1/16" h o/a; inductance 610 millihenrys, capacitor 750 mmfd; sq zinc case; two 1/8" approx diam thd spade bolts 1 7/8" c to c; two solder lug term; wax impr.   |                     |        |                        | N16-F-2749-100 |                |                       | CFW | W-131195-123               | CRV        | W-131195-123 sub1           | JT                |
| -47809                | OSCILLATOR COIL: 2/27/45<br>osc transf; two wnd; shielded in zinc can; c/o two wnd ea w/600 turns #38 BS wire, ea rated 10 millihenries w/q greater than 50 at 100 kc, mutual induct and 6.9 millihenries; 2 13/16" lg x 1 7/16" wd x 1 7/16" h, o/a excluding term and mtg studs; iron core; mts by 2 spade bolts 1 5/16" c to c; 4 solder lug term; wax impr; "W-131195-100, 47809" stamped on top of can.  |                     |        | 17-T-81242-7951        | N16-T-7199-206 |                |                       | CFW | W-131195-100               | CRV        | W-131195-100 sub 2          | JT                |
| -47810                | COIL, RF: 2/29/45<br>RF choke; one wnd, single layer wnd; impedance 500 ohms at 50 mc, c/o 45 turns #31 wire, 0.3 ohms max DC resistance; 1 5/16" lg x 1 1/4" OD o/a excluding term; phenolic form, air core, incl tubular phenolic case around coil form; mtd by two wire lead term, ea 1 5/16" lg; impr.  |                     |        | 16-C-72929-1313        | N16-C-13218    |                | 301084X-23            | CRV | K-888776-1                 | CRV        | K-888776-1 sub0             | MAR(14)<br>RDR(7) |
| -47811                | TRANSFORMER, RF: 3/1/45<br>interstage transf; one wnd, two pie wnd; unshielded; total inductance 21 millihenrys at 1000 cyc, ea wnd c/o 415 turns #60-38 Litz wire, 2.5 ohms DC resistance; 5 1/2" lg x 4 1/4" wd x 3 5/16" h; air core, bakelite form; 1 13/16" lg x 3/4" OD; mts by four #18 holes on 4 3/8" x 3 7/8" mtg/c; seven screw type stud term on term board on top; incl two NT-48037 Capacitors. |                     |        | 16-C-75303-5601        | N16-T-7002-65  |                |                       | CBM | 938-3000                   | CBM        | 938-3000 alt 0              | HCA-2<br>WEB      |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN  |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|--|
| -47812                | TRANSFORMER, RF:<br>3/1/45<br>interstage transf; two wnd; unshielded; total inductance 21 millihenrys at 1000 cyc, ea wnd c/o 415 turns #60-38 Litz wire, 2.5 ohms DC resistance, ea wnd tapped at 110, 220 turns; 3/4" lg x 4 1/2" wd x 3" h o/a; air core; mts by four holes on 4 5/16" x 3 3/16" mtg/c; seven screw type stud term on term board on top.                             |                     |        | 16-C-75303-5551        |                |                |                       | CEM        | 769-3035                   | CEM        | 769-3035 alt1               | WCA  |
| -47813                | COIL, RF:<br>3/1/45<br>RF choke; one wnd, five pie universal wnd; unshielded rated 2.1 millihenrys, 0.125 amp, 1 mmf dist cap, c/o 168 turns per pie of #36 ES wire, 35 ohms total DC resistance; 1 1/2" lg x 1/2" OD o/a excluding term; ceramic form, air core; form 1 1/2" lg x 19/64" OD; mtd by two wire lead term, ea 1 1/2" lg.  |                     |        | 16-C-74579-2903        |                |                |                       | CRC<br>CRC | CH-X<br>6181               | CEM<br>CEM | 1000A-19 alt0<br>803-227    | WCA<br>RBG(4)<br>thru<br>RBG-2(4)<br>TBY thru<br>TBY-2                     |
| -47814                | COIL, RF:<br>3/2/45<br>RF filter coil; single pie, single wnd; rated 1 millihenry p/m 5% at 1000 cyc w/ 125 ma DC, 17.34 ohms DC resistance, c/o 260 turns #36 ES wire; 1 1/8" OD x 15/16" lg o/a excluding term; ceramic form 1/2" OD x 3/4" lg; mts by 5/32" diam hole in bottom; two solder term on base; orange color code MARK on small end of form.                               |                     |        | 16-C-74329-2700        | N16-RC-17728   |                |                       | CFW        | 12587                      | CRP<br>CRP | 92-5081<br>DLC96-5003 rev3  | SO<br>SO-a<br>SO-1 thru<br>SO-3<br>SO-7M<br>SO-7H<br>SO-8<br>SO-9<br>SO-13 |
| -47815                | COIL, RF:<br>3/2/45<br>RF filter coil; single wnd, universal wnd, four crosses per turn; unshielded; inductance range 312 to 348 microhenrys at 1000 cyc, c/o 128 turns; 31/32" diam x 1 1/2" lg o/a; isolantite form 1/2" diam x 1 1/2" lg; mtd by one #8-32 female thd on one end of form; two cotter pin term in holes in form, ends bent over on opposite side; vacuum vanish impr. |                     |        | 16-C-74063-6087        |                |                | 301084214             | CCW        |                            | CEO        | 116-1                       | MBM  |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN  |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|--|
| -47816                | TRANSFORMER, RF: 3/2/45<br>heterodyne transf; single wnd; unshielded; rated 103.6 millihenrys at 1000 cyc, c/o 2670 turns #34 ES wire, tapped at 880 turns, 180 ohms DC resistance, 500 vact 1 3/8" OD x 1 1/8" lg o/a; air core, bakelite form 1 1/8" lg x 9/16" OD; mte by hole through ctr of form; two wire lead term; varnished.   |                     |        | 16-C-75588-8201        |                |                |                       | CEM | 568-3011                   | CEM<br>CEM | 5748-6<br>568-3011 rev0     | WCA<br>RM-13(2)<br>thru<br>RM-16(2)<br>WAA<br>WAB<br>WEB               |
| -47817                | TRANSFORMER, RF: 3/2/45<br>input transf; 2 wnd, 3 pie, universal wnd; unshielded; pri c/o 704 turns #31 AWG, E, S, wire, 24 ohms DC resistance, rated 10 millihenries at 1000 cyc, 2 secd ea w/1580 turns #3 x 40 Litz wire, 150 ohms DC resistance, rated 51.25 millihenries at 1000 cyc in air, 500 vact total turns on secd 3160; 4 7/32" lg x 1 5/8" OD, o/a; air core, bakelite form 4 7/32" lg x 9/16" OD; mte by form; 5 wire lead term, 2 per coil; impr w/Collodian.   |                     |        | 17-T-82124-4678        | N16-T-7002-80  |                |                       | CEM | 568-3009                   | CEM<br>CEM | 5748-6<br>568-3009          | WCA<br>RM-13 (2)<br>thru<br>RM-16 (2)<br>WAA<br>WAB<br>WEB             |
| -47818                | TRANSFORMER, RF: 3/2/45<br>interstage transf; 2 wnd, 4 pie, universal wnd; unshielded; c/o 4 coils, 2 pri ea w/1550 turns #3 x 40 Litz wire, ea coil has 145 ohms DC resistance, ea rated 48.6 millihenries at 1000 cyc, 2 secd ea w/1580 turns #3 x 40 Litz wire, 150 ohms DC resistance, 500 vact, ea rated 51.25 millihenries pri and secd CT; 4 7/32" lg x 1 5/8" OD, o/a; air core, bakelite form 4 7/32" lg x 9/16" OD; mte by form; 6 wire lead term, 2 per coil; impr w/Collodian.                                    |                     |        | 17-T-82125-5726        | N16-T-7020-1   |                |                       | CEM | 568-3010                   | CEM<br>CEM | 568F<br>568-3010A           | WCA<br>RM-13 (2)<br>thru<br>RM-16 (2)<br>WAA (2)<br>WAB (2)<br>WEB (2) |
| -47819                | TRANSFORMER, RF: 3/2/45<br>osc transf; 2 wnd, 3 pie universal wnd, secd CT; unshielded; pri 18.58 millihenries, 1100 turns #3-40 Litz wire, 82 ohms DC resistance, secd c/o 2 wnd ea 2.17 millihenries, 350 turns #31 ES wire, 10 ohms DC resistance; total 700 turns secd; 3 3/32" lg x 2" wd x 2 1/2" h, o/a approx; air core, bakelite form; 2 31/32" lg x 1/2" OD form; 2 var capacitors; 2 scdr adj top of term board; mte by 4 holes in mtg bkt, spaced 2 1/2" x 3/8"; 5 wire lead term color coded; incl 4 capacitors. |                     |        | 17-T-82499-4617        | N16-T-7199-208 |                |                       | CEM | 803-3008                   | CEM        | U803-3008 alt 1             | WCA  |

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|-----------------------|---|---------------------|--------|------------------------|-----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|--------------------------|
| -47820                | TRANSFORMER, RF: 3/2/45<br>interstage transf; four wnd, four pie wnd; shielded, metal can; ea pr coils 850 ohms DC resistance, rated 197 millihenrys, ea coil c/o 2000 turns #3-40 Litz wire, rated 85.5 millihenrys at 1000 cyc, 1000 vact; 2 15/16" lg x 2 7/16" wd x 2 23/32" h o/a excluding term and mtg studs; bakelite form, air core; mts by four studs on 2 3/8" x 1 7/8" mtg/c; four solder lug term on top of case; coil potted in case. |                     |        | 16-C-75747-1136        | N16-T-7002-5    |                |                       | CFM        | 803-3007                   | CFM        | 803-3007 alt0               | WCA                      |
| -47821                | COIL, tube deflection: 3/3/45<br>CANCELLED: same as NT-471136.<br>NOTE: SO-8; SO-7M; SO-7N.   |                     |        |                        | N16-RC-19340    |                |                       | CRP        | 80052                      | CRP        | DI92-5085-4 rev1            | SO-1<br>SO-9<br>SEE NOTE |
| -47822                | COIL, RF: 3/3/45<br>RF filter choke; single layer wnd; rated 1.6 microhenrys, c/o 22 turns #24 wire, 0.033 ohms DC resistance; 3/16" OD x 3 5/8" lg o/s; molded phenolic form 3/16" OD x 5/8" lg; mts by two wire lead term, ea 1 1/2" lg.  |                     |        | 16-C-72828-4176        | N16-C-13160-400 |                | 30307-22              | OG         | K-35J68-2                  | OG         | K-35J68-2 rev4              | SP-1M(4)<br>SP(4)        |
| -47823                | COIL, RF: 3/3/45<br>RF choke; one wnd, one pie universal wnd; unshielded; rated 1.45 millihenrys at 1000 cyc, c/o 345 turns #29 ES wire, 6.16 ohms DC resistance; 1 3/4" lg x 15/16" OD o/s; ceramic form, air core; mtd by two solder lug term, one ea end of form; varnish impr.  |                     |        | 16-C-74472-9535        | N16-C-13160-500 |                |                       | OG         | K-27J585-4                 | OG         | K-27J585-4 rev3             | SP-1M<br>SP              |
| -47824                | COIL, RF: 3/5/45<br>RF choke; one wnd, one pie universal wnd; unshielded; rated 85 millihenrys, 0.015 amp, c/o 2320 turns #38 ES wire, 329 ohms DC resistance; 1 3/32" diam x 7/8" lg o/a excluding term; ceramic form, air core; form 1 1/16" lg x 1/2" OD; mtd by single #6 screw; two solder lug term on base.   |                     |        | 16-C-75549-9764        |                 |                |                       | CFW<br>CEM | SC-106-A<br>803-162        | CEM        | 1000A-23 alt0               | WCA                      |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                                 |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|---|
| -47825                | COIL, RF: 3/5/45<br>RF choke; one wnd, one pie universal wnd; unshielded; rated 25 millihenrys, 160 ohms DC resistance, c/o 1385 turns #29 wire; 1 1/16" OD x 15/16" lg o/a excluding term; air core; form 29/32" lg x 1/2" OD; mtd by four solder lug term on base; wax impr.   |                     |        | 16-C-75335-5280        |                |                |                       | CFW  | SC-A12961                  | CFW        | 1000A-142 alt1              | WFA   |
| -47826                | REACTOR: 3/5/45<br>CANCELLED: use WF-302244 Reactor.   |                     |        |                        | N16-F-2776     |                |                       | OW   | D-157372                   | CIM<br>CIM | 1000A-65 alt1<br>755-196A   | WCA-2   |
| -47827                | TRANSFORMER, RF: 3/5/45<br>two wnd, pri universal wnd, secd single layer wnd; unshielded; pri rated 21.95 millihenrys, 6 ohms DC resistance, c/o 787 turns #60-38 Litz wire, secd rated 0.86 millihenrys, 1 ohm DC resistance, c/o 89 turns #60-38 Litz wire; 1 1/2" lg x 3 1/2" OD o/a; air core; four wire lead term; collodian impr.  |                     |        | 17-T-81970-8687        | N16-T-6427     |                |                       | CIM  | 895-3011                   | CIM        | 895-3011 alt0               | QBE-2<br>QBE-3                                    |
| -47828                | TRANSFORMER, AF: 3/5/45<br>modulation transf; coil #1 rated 1.35 kv, coil #2 and #3 rated 135 millihenrys; shielded in metal case; h 27/32" h x 3 3/16" lg x 2 5/16" wd o/a; coil #1 c/o 1850 turns of #3-40 Litz wire, coil #2 and #3 c/o 450 turns ea of #3-40 Litz wire; two solder lug term on bottom; four mtg studs on 1 11/16" x 1 23/32" mtg/c; high temp compound impr. |                     |        |                        | N16-T-6387     |                |                       | CIM  | 895-3006                   | CIM        | 895-3006 alt0               | QBE-2<br>QBE-3                                    |
| -47829                | COIL, RF: 3/5/45<br>RF choke; one wnd; shielded in rectangular metal can; rated 30 millihenrys, Q is 70 at 20 kc, 1v; 2 3/8" lg x 1 15/16" wd x 3 1/8" h o/a excluding term; air core; two #6-32 thd x 1/4" d holes 1 3/8" c to c; two stand-off solder lug term on top of can.  |                     |        | 16-C-75382-7417        | N16-C-13086    |                |                       | CUT  | 68041                      | CIM<br>CIM | 895-177<br>1000A-22         | QBE-2<br>QBE-3                                    |
| -47830                | COIL, RF: 3/5/45<br>RF choke; one wnd, one pie universal wnd; unshielded; rated 82.5 millihenrys, 0.015 amp, 350 ohms DC resistance; 1 9/16" lg x 1 9/16" wd x 7/8" h o/a; ceramic form, air core; form 23/32" lg x 1/2" OD; clearance for #6 mtg screw through ctr of form; four solder lug term on base.   |                     |        | 16-C-75538-9765        | N16-C-13170-80 |                |                       | CFW  | 12385                      | CIM<br>CIM | 1000A-20 alt0<br>869-93     | QBE thru<br>QBE-3<br>JK-8<br>JK-9<br>WEA-2<br>WFA |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |   |

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|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|----------------------|-------------------------------|--------------|-----------------------------|------------------------------|
| -47831                | TRANSFORMER, RF: 3/5/45<br>input transf; four wnd, four pie universal wnd; unshielded; rated 215 to 260 millihenrys, c/o two NT-47830 Choke Coils, one coil w/1250 turns #3-40 Litz wire, one coil w/ 150 turns #31 ES wire; 2 11/16" lg x 1 9/16" OD c/a; air core, ceramic form; mts by mtg stud ctr of form; eight solder lug term, four ea end; wax impr.   |                     |        | 17-T-82106-1551        | N16-T-7199-67  |                |                       | CEM                  | 869-3016                      | CEM          | 869-3016 alt0               | QBE-1 thru<br>QBE-3<br>WEA-2 |
| -47832                | TRANSFORMER, IF: 3/2/45<br>peak freq 455 kc; direct coupled type, first IF stage; shielded in metal can; tuned pri and sec; adj iron core w/secr adj on bottom of form; wire lead term; sealed in metal can, c/o two pies ea w/110 turns #15-44 Litz wire.  |                     |        | 16-C-76504-8132        |                |                |                       | CAPI<br>CJC          | 4-D-4<br>P-412 CCT            | CAPI<br>CRV  | A-10797<br>M-427017-2       | MBM<br>SA-1                  |
| -47833                | TRANSFORMER, IF: 3/2/45<br>peak freq 455 kc; 2nd IF; unshielded; approx 2 3/4" lg x 1" diam, incl adj fully extended, cylindrical shape, 1 3/4" lg x 1" diam, excluding adj; iron core, natural phenolic form w/finish per CAPI spec #1025; tuned pri and sec; adj iron core w/secr adj on bottom of form; bushing mtd; 4 wire lead term; sealed in phenolic case, c/o 2 wnd of 2 pies ea w/110 turns #15-44 Litz wire, when used in conjunction w/capacitor in the ckt it then becomes an IF transf. |                     |        | 17-T-82469-1161        |                |                |                       | CAPI<br>CAPI<br>CAPI | 4-D-5<br>A-10797<br>A-10539-B |              |                             | MBM                          |
| -47834                | TRANSFORMER, BFO: 3/2/45<br>BFO stage; 1 single pie wnd; shielded in round metal can w/finish per J-T Rad spec #1012; 185 turns #7-41 Litz wire tapped at 18 turns; approx 2 1/4" lg x 1" diam w/adj fully extended, 1 3/4" lg x 1" diam excluding adj; iron core, phenolic coil form; coil form 3/8" OD; adj iron core; secr adj on top of can; bushing mtd; 3 wire lead term.   |                     |        | 16-C-76504-4817        |                |                |                       | CAPI                 | 4-D-6                         | CAPI<br>CAPI | A-10813<br>A-10539-B        | MBM (3)                      |
| -47835                | COIL, RF: 3/2/45<br>one wnd, ten pie universal wnd; unshielded; rated 225 to 250 microhenrys at 8000v, 1.57 ohms DC resistance; approx 6 1/2" lg x 1 1/8" wd x 7/8" h c/a; air core, fibre form 6 1/2" lg x 1/2" OD; two #6-32 thd studs 5" c to c; two solder lug term, one ea end of form.  |                     |        | 16-C-73990-6707        | N16-C-13300-1  |                | 30307-65              | CFW                  | 12573                         | CRP          | 92-5077 rev0                | SO<br>SO-a                   |
|                       |   |                     |        |                        |                |                |                       |                      |                               |              |                             |                              |
|                       |   |                     |        |                        |                |                |                       |                      |                               |              |                             |                              |
|                       |   |                     |        |                        |                |                |                       |                      |                               |              |                             |                              |
|                       |   |                     |        |                        |                |                |                       |                      |                               |              |                             |                              |

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|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|--|
| -47836                | TRANSFORMER, RF: 3/5/45<br>interstage transf; four wnd, four pie universal wnd; unshielded; rated 290 millihenrys total inductance, pri c/o NT-47838 Coil, RF, secd #1 c/o NT-47830 Coil, RF, secd #2 c/o 1250 turns #3-40 Litz wire, secd #3 c/o NT-47830 Coil, RF; 2 11/16" lg x 1 1/8" OD o/a excluding term; air core, ceramic form; mts by one #6-32 thd mtg bolt in ctr of form; six solder lug term, three ea end; wax impr. |                     |        | 17-T-82124-7303        | N16-T-6155     |                |                       | CEM | 869-3017                   | CEM        | 869-3017 alt3               | QBE-1(3)<br>QBE-2(4)<br>QBE-3(4)<br>QBE(3)<br>WEA-2(2) |
| -47837                | TRANSFORMER, RF: 3/5/45<br>osc transf; two wnd, pri tapped; unshielded; pri c/o 1750 turns #21-38 Litz wire tapped at 1250 turns, 40 ohms DC resistance, rated 161.2 millihenrys, secd c/o three layers w/ 18,17,16 turns ea of #81-38 Litz wire; 4 1/4" OD x 2 3/4" lg o/a; air core, wood form; mts by coil form; four solder lug term on term board.   |                     |        | 17-T-82076-3733        | N16-T-6415     |                |                       | CEM | 895-3004                   | CEM        | 895-3004 alt0               | QBE<br>QBE-1   |
| -47838                | COIL, RF: 3/6/45<br>one wnd, one pie universal wnd; unshielded; rated 12.6 to 13.1 millihenrys, 70 ohms DC resistance; 3/8" lg x 1 1/8" OD o/a; bakelite form, air core; form 3/8" lg x 9/16" OD; mtd by two wire lead term, ea 3 1/2" lg.  |                     |        | 16-C-75191-3488        |                |                |                       | CEM | 750-370                    | CEM        | 750-370 alt0                | QBE<br>QBE-2<br>QBE-3<br>WEA-2<br>WFA                  |
| -47839                | COIL, RF: 3/6/45<br>pick up coil for wave meter; single wnd; shielded in cad pl brass can; pri c/o NT-47838 Coil, RF, secd c/o two NT-47830 Coil, RF, rated 240 millihenrys total inductance; 2" lg x 2" wd x 2 1/2" h o/a excluding mtg studs; isolantite form, air core; mts by two spade bolts 1 13/16" c to c; two shielded wire leads; potted w/Leverite compound.   |                     |        | 16-C-75664-1745        | N16-C-14118    |                |                       | CEM | 895-3001                   | CEM        | 895-3001 alt0               | QBE<br>QBE-1   |
| -47840                | COIL, RF: 3/9/45<br>RF choke; one wnd, one pie universal wnd; unshielded; rated 125 millihenrys at 0.04 amp, 335.5 ohms DC resistance; 1 3/16" lg x 1 5/32" OD o/a; powdered iron core, coil wnd on core; form 1 3/16" lg x 1 1/2" OD; single 3/16" mtg hole; two solder lug term on base; wax impr.  |                     |        | 16-C-75601-5128        |                |                |                       | CML | 19-6848                    | CY         | 16-23                       | UF   |

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SHEET 47-198

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO                | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN   |
|-----------------------|--|---------------------|--------|------------------------|-------------------------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|---|
| -47841                | TRANSFORMER, RF: 3/9/45<br>two wnd, three pie wnd; unshielded; oper freq 41 kc, mutual inductance 0.05 by p/m 2%, pri c/o 240 turns #41 Litz wire, 15 ohms DC resistance, secd 75 ohms total DC resistance c/o two coils in series ea w/635 turns #41 Litz wire; 2" lg x 1 1/2" OD o/a; air core, bakelite form 2" lg x 3/4" OD; mts by #8-32 thd mtg hole in ctr of form; four solder lug term; has white spot on form; impr w/polystyrene. |                     |        | 17-T-82121-4625        | N16-RC-19236<br>N16-T-7002-76 |                |                       | CRV | M-421641-502               | CRV        | M-421641-502<br>rev5        | SA thru<br>SA-3   |
| -47842                | TRANSFORMER, RF: 3/9/45<br>two wnd, three pie wnd; unshielded; oper freq 82 kc, mutual inductance 0.5 by p/m 2%, pri c/o 240 turns #41 Litz wire, 15 ohms DC resistance, secd 75 ohms total DC resistance c/o two coils in series ea w/600 turns #41 Litz wire; 2" lg x 1 1/2" OD o/a; air core, bakelite form 2" lg x 3/4" OD; mts by #8-32 thd mtg hole in ctr of form; four solder lug term; has white spot on form; impr w/polystyrene.  |                     |        | 17-T-82121-4256        | N16-RC-19235<br>N16-T-7002-77 |                |                       | CRV | M-421641-503               | CRV        | M-421641-503<br>rev5        | SA thru<br>SA-3   |
| -47843                | COIL, RF: 3/9/45<br>RF filter coil; single wnd; shielded in cad pl metal case; rated 20 millihenrys at 8.5 amp DC, c/o 280 turns of 0.12" x 0.06" wire, 38 ohms DC resistance; 8 5/8" lg x 8 1/4" wd x 6 1/2" h o/a excluding term; six 0.221" diam holes on 2 1/2" x 5" x 7 3/4" mtg/c; two 1/4" diam x 1" lg term.<br>NOTE: QCR-1; QCS; QCS-1; QCT; QCT-1.   |                     |        | 16-C-75300-8944        | N16-C-13018                   |                |                       | CRP | U6408                      | CBM        | 571-493 alt0                | QQQ-2<br>QQQ-1<br>QQQ-3<br>QCT-9<br>QCL-8<br>QCN-4<br>QCO-3<br>SEE NOTE |
| -47844                | TRANSFORMER, RF: 3/12/45<br>interstage transf; 2 wnd, 2 pie ea wnd; cylindrical metal case; pri 4580 turns #36 ES wire, secd 3860 turns #35 ES wire; approx 5 3/4" lg x 2 5/16" diam less mtg fl; bakelite form, air core; 2 var air capacitors; sodr adj at side of can; 4 mtg holes spaced 90 deg apart on mtg fl on l end of case on 1 15/16" x 1 15/16" mtg/c; 4 solder lug term.  |                     |        | 17-T-81750-7437        | N16-T-6260                    |                |                       | CBM | 810-3028 rev 2             |            |                             | NK-7  |
|                       |  |                     |        |                        |                               |                |                       |     |                            |            |                             |   |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------|
| -47845                | REACTOR: 3/12/45<br>CANCELLED: reassigned NT-302203 Reactor.   |                     |        |                        | N16-C-13111    |                |                       | CRP<br>CBM | W-3961<br>960-5            | CBM        | 1000A-169 alt1              | QGA               |
| -47846                | COIL, RF: 3/12/45<br>CANCELLED: reassigned as p/o NT-47854.  |                     |        |                        |                |                |                       | CBM        | 955-125                    | CBM        | 955-125 alt1                | QGA               |
| -47847                | COIL, RF: 3/13/45<br>CANCELLED: reassigned as p/o NT-47854.  |                     |        |                        |                |                |                       | CBM        | 955-124                    | CMB        | 955-124 alt1                | QGA               |
| -47848                | TRANSFORMER, RF: 3/9/45<br>RF transf; 2 wnd; <del>ES</del> shielded metal can; pri has 50 turns #36 E wire, 3.3 ohms DC resistance, secd has 100 turns #36 E wire, 7.0 ohms DC resistance, secd has 16 millihenries at 1000 cyc w/2v, 0 amp pri to secd turns ratio is 1 to 2; 2 5/16" lg x 1 1/2" wd x 2 5/32" h, o/a less term; iron core; mts by two 0.199" diam holes in mtg bkt on ea side on 1 15/16" mtg/c; 4 bushing ins solder lug term, bottom of case; "CVT-47848" stamped on case; ES. |                     |        | 17-T-81326-1108        | N16-T-7024     |                |                       | CUT        | 84727                      | CRV        | Z-886534 sub 2              | SR<br>SR-2        |
| -47849                | COIL, RF: 3/9/45<br>retardation coil; single wnd, single pie, duolateral wnd; unshielded; rated 1900 microhenrys min, 2100 microhenrys max at 1.8 kc, c/o 360 turns #34 E wire, 20 ohms DC resistance; 1 7/16" OD x 1 5/32" lg o/a; phenol plastic form, air core; mts by one 5/32" diam hole through ctr of form; two solder lug term on base; varnished.   |                     |        | 16-C-74546-8921        | N16-C-13275    |                |                       | CW         | D-170790                   | CW         | BA-107951 1ae3              | SS<br>SV-1        |
| -47850                | COIL, RF: 3/9/45<br>retardation coil; single wnd, single pie, duolateral wnd; unshielded; rated 2850 microhenrys min, 3150 microhenrys max at 1.8 kc, c/o 430 turns #34 E wire, 24 ohms DC resistance; 1 7/16" OD x 1 5/32" lg o/a; phenol plastic form, air core; mts by one 5/32" diam hole through ctr of form; two solder lug term on base; varnished.   |                     |        | 16-C-74778-2153        | N16-C-14387    |                |                       | CW         | D-170791                   | CW         | BA-107951 1ae3              | SS<br>SV-1        |
|                       |  |                     |        |                        |                |                |                       |            |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |            |                            |            |                             |                   |

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SHEET 47-200

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR         | MANUFACTURER'S PART NUMBER | CONTRACTOR               | CONTRACTOR'S DWG OR PART NO                                | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|-----------------|----------------|-----------------------|-------------|----------------------------|--------------------------|--|-------------------|
| -47851                | COIL, RF: 3/9/45<br>retardation coil; single wnd, layer wnd; unshielded; rated 19 microhenrys min, 21.1 microhenrys max at 300 kc, c/o 54 turns #31 E wire, 1.1 ohms DC resistance; 1 5/32" lg x 1" diam; phenol plastic form, air core; mts by one 5/32" diam hole through ctr of form; two solder lug term on base; varnished.  |                     |        | 16-C-73306-5881        | N16-C-13178-100 |                |                       | CW          | D-170792                   | CW                       | BA-107951 1ee3   | SS<br>SV-1        |
| -47852                | COIL, RF: 3/9/45<br>retardation coil; single wnd, layer wnd; unshielded; rated 47.5 microhenrys min, 52.5 microhenrys max at 300 kc, c/o 88 turns #36 E wire, 5.2 ohms DC resistance; 1 5/32" lg x 1" diam; phenol plastic form, air core; mts by one 5/32" diam hole through ctr of form; two solder lug term; varnished.  |                     |        | 16-C-73553-2810        | N16-C-13178-200 |                |                       | CW          | D-170793                   | CW                       | BA-107951 1ee3   | SS(5)<br>SV-1(5)  |
| -47853                | COIL, RF: 3/9/45<br>retardation coil; single wnd, single pie, duolateral wnd; unshielded; rated 125 microhenrys min, 135 microhenrys max at 50 kc, c/o 90 turns #30 E wire, 2 ohms DC resistance; 1 7/16" OD x 1 5/32" lg o/a; phenol plastic form, air core; mts by one 5/32" diam hole through ctr of form; two solder lug term; varnished.   |                     |        | 16-C-73876-6365        | N16-C-13275-50  |                |                       | CW          | D-170794                   | CW                       | BA-107951 1ee3   | SS(5)<br>SV-1(5)  |
| -47854                | CONVERTER, phase: 3/3/45<br>lag line ph shifting network; encl in metal can; ea wnd rated 210 millihenrys when assembled, wnd #1 c/o 3200 turns #7-41 Litz wire, 190 ohms DC resistance, wnd #2 c/o 3125 turns #7-41 Litz wire, 185 ohms DC resistance, wnd #1 rated 167 millihenrys w/o iron core, wnd #2, rated 159 millihenrys w/o iron core; 2 3/8" OD x 3 9/16" lg o/a excluding term and mtg studs; mts by three studs on 7/8" mtg rad; wnd potted in case. |                     |        |                        | N16-C-13701     |                |                       | CBM<br>CUF  | 955-3029                   | CRP<br>CBM<br>CBM<br>CBM | 79-5053-2<br>955-3029 alt4<br>955-124 alt1<br>955-125 alt1 | QGA(2)<br>SO-3    |
| -47855                | COIL, tube focusing: 3/13/45<br>CANCELLED: same as NT-303600.   |                     |        | 16-C-77278-5501        | N16-C-14090-5   |                |                       | CAKY<br>CBM | 2686<br>954-23             | CBM                      | 1000A-162 alt0   | QGA               |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO                 | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO        | EQUIPMENT USED IN                   |
|-----------------------|--|---------------------|--------|------------------------|--------------------------------|----------------|-----------------------|-----|----------------------------|------------|------------------------------------|-------------------------------------|
| -47856                | COIL, RF: 3/13/45<br>RF filter coil; single wnd, pie wnd; unshielded; rated 450 microhenrys at 1000 cyc, c/o 200 turns #35 AWG ES wire; 1/2" OD x 1 1/8" lg o/a; natural phenol fabric form 1/4" OD x 1 1/8" lg; mtd by 0.112"-40 thd x 3/8" d hole in one end; two solder pins in form.   |                     |        | 16-C-74114-3645        | N16-RC-17330<br>N16-C-13023-45 |                |                       | CM  | ESR-679332-15<br>1se10     | CM         |                                    | MK-3 Mod2<br>(5)<br>MK-4(5)         |
| -47857                | COIL, RF: 3/13/45<br>RF filter choke; single wnd, pie wnd; rated 45 microhenrys at 1000 cyc, c/o 70 turns #35 AWG SSE Wire; 1 1/8" x 1/2" OD o/a; natural phenol fabric form 1/4" OD x 1 1/8" lg; 1/4" OD x 1 1/8" lg; mts by 0.112"-40 thd x 3/8" d hole in base; two solder pin term in form; impr, varnish-baked.   |                     |        | 16-C-73515-9261        | N16-RC-17331<br>N16-C-13016-45 |                |                       | CM  | ESR-679332-16<br>1se10     | CM         |                                    | MK-3 Mod2<br>MK-3 Mod3<br>MK-4 Mod1 |
| -47858                | COIL, tube focusing: 3/13/45<br>CANCELLED: use Navy Type 304054.   |                     |        | 16-C-77250-1201        | N16-C-14090-1                  |                |                       | CRP | A45A2-U2                   | CRP<br>CRP | A-45A7-U18 sub D<br>U92-5120 rev E | VP (2)                              |
| -47859                | COIL, RF: 3/14/45<br>single wnd, single layer wnd; unshielded; rated 0.12 to 0.14 microhenrys, 109 to 119 mc, 0.1 ohm DC resistance, c/o 2 1/2 turns #22 wire; 2 1/2" lg x 3/4" OD o/a; bakelite form 17/32" OD x 19/32" lg; adj iron core w/secr adj through top of form; mts by 3/8"-32 thd bushing; two wire lead term; varnished; same as NT-47859-A except not tapped.  |                     |        | 16-C-76517-9614        |                                |                |                       | CRV | K-883694-501               | CRV        | K-883694-501<br>rev1               | SD-3(3)                             |
| -47859-A              | COIL, RF: 3/14/45<br>single wnd, single layer wnd; unshielded; rated 0.12 to 0.14 microhenrys, 109 to 115 mc, 0.1 ohm DC resistance, c/o 4 5/8 turns #22 wire, tapped at 7/8 to 1 turn; 3 7/32" lg x 3/4" OD o/a; bakelite form 1 5/16" lg x 17/32" OD; adj iron core w/secr adj through top of form; mtd by 3/8"-32 thd bushing; three wire lead term on coil; polystyrene coated; same as NT-47859 except is tapped. |                     |        | 16-C-76519-2756        |                                |                |                       | CRV | K-883692-501               | CRV        | K-883692-501<br>rev1               | SD-3                                |
|                       |  |                     |        |                        |                                |                |                       |     |                            |            |                                    |                                     |
|                       |  |                     |        |                        |                                |                |                       |     |                            |            |                                    |                                     |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                             |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|---|
| -47860                | COIL, RF: 3/14/45<br>RF choke; single wnd, one pie universal wnd; unshielded; rated 5 millihenrys at 1000 cyc, 0.025 amp, 43.2 ohms DC resistance, c/o 575 turns #36 ES wire; 7/8" lg x 1 1/8" OD o/a excluding term; ceramic form, air core; form 7/8" lg x 1/2" OD; single hole for #6 mtg screw; two solder lug term on base; base color coded w/red dot; lacquer impr, tropicalized.  |                     |        | 16-C-74874-8009        |                |                |                       | CFW<br>CIN | 12164<br>CE-113-49         | CRP<br>CFW | 92-5061-1 1ss6<br>4806 rev1 | VF  |
| -47861                | COIL, RF: 3/15/45<br>first RF coil; one wnd, six pie universal wnd; shielded in cylindrical aluminum can; rated 0.158 h/w/core, 17 to 26 kc, c/o 785 turns #40 Litz wire, 4710 total number of turns, 410 ohms DC resistance; 3 5/8" lg x 2 1/16" OD o/a excluding term; ceramic form; adj iron core w/scdr adj at top of can; two #6-32 thd studs 1 7/8" c to c; four solder lug term on bottom of can; wax impr, incl a 370 mmf capacitor.  |                     |        | 16-C-76826-7661        | N16-T-7199-91  |                |                       | CRV        | W-305292-107               | CRV        | W-305292-107<br>rev5        | RMC<br>QBE<br>QCU<br>QCV<br>QCX<br>QCY<br>QCZ |
| -47862                | COIL, RF: 3/15/45<br>second RF coil; single wnd, six pie universal wnd; shielded in cylindrical aluminum can; rated 0.164 henrys w/core, 17 to 26 kc, 410 ohms DC resistance, c/o 785 turns #3-40 Litz wire per pie, 4710 total number of turns, CT at 2355 turns; 3 5/8" lg x 2 1/16" OD o/a excluding term; ceramic form; adj iron core w/scdr adj through top of can; two #6-32 thd studs 1 7/8" c to c; four solder lug term on bottom of can, three of which are used; wax impr. |                     |        | 16-C-76839-6590        | N16-T-7199-87  |                |                       | CRV        | W-305292-108               | CRV        | W-305292-108<br>rev5        | RMC<br>QBE<br>QCU<br>QCV<br>QCX<br>QCY<br>QCZ |
| -47863                | COIL, RF: 3/15/45<br>third RF coil; single wnd, six pie universal wnd; shielded in cylindrical aluminum can; rated 0.167 henrys w/core, 17 to 26 kc, 300v, c/o 785 turns #3-40 Litz wire per pie, 4710 total number of turns, CT at 2355 turns; 3 5/8" lg x 2 1/16" OD o/a excluding term; ceramic form; adj iron core w/scdr adj through top of can; two #6-32 thd studs 1 7/8" c to c; four solder lug term on bottom of can; wax impr, incl a 100 mmf capacitor (NT-48674-B10).    |                     |        | 16-C-76840-5621        | N16-T-7199-88  |                |                       | CRV        | W-305292-109               | CRV        | W-305292-109<br>rev5        | RMC<br>QBE<br>QCU<br>QCV<br>QCX<br>QCY<br>QCZ |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                             |   |

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SHEET 47-203

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR        | CONTRACTOR'S DWG OR PART NO                  | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|-----------------------|------|----------------------------|-------------------|--|-------------------|
| -47864                | COIL, RF: 3/13/45<br>video coil; single wnd, one pie universal wnd; unshielded; rated 7.5 millihenrys, c/o 550 turns #15-44 Litz wire, 10 ohms DC resistance; 7/8" wd x 1 1/2" h x 1 11/16" lg o/a; air core; mts by one #6-32 thd hole ctr of form; two solder lug term on base.  |                     |        | 16-C-75000-3759        |                 |                |                       | CAOS | 41702                      | CAOS<br>CAOS      | B-41702-2<br>A-41702 1ssE                    | CAOS-55AGC        |
| -47865                | COIL, RF: 3/13/45<br>marker coil; single wnd, one pie universal wnd; unshielded; rated 15 millihenrys, c/o 780 turns #15-44 Litz wire, 22 ohms DC resistance; 3" lg x 15/16" wd x 2 1/8" h o/a; slug-ferrocarr; mts by two bkt w/mtg holes 1 3/4" c to c; two solder lug and one wire lead term; incl two capacitors, one 5100 mmf, the other 160 mmf.       |                     |        | 16-C-75230-6118        |                 |                |                       | CAOS | 95345                      | CAOS<br>CAOS      | B-41703-D rev0<br>B-95345 1ssD               | CAOS-55AGR        |
| -47866                | COIL, RF: 3/13/45<br>RF choke; single wnd, lattice wnd; encl in cylindrical phenolic sleeve; rated 80 millihenrys at 50 kc, 80 ma, c/o 2300 turns #38 ES wire, 332 ohms DC resistance; 1 1/2" lg x 1 3/8" OD less term; phenolic form, air core; two mtg holes for #6-32 screws 7/8" c to c; two solder lug term on top of cover; wax impr for tropical use. |                     |        | 16-C-75531-4567        |                 |                |                       | CACY | S-107                      | CRB<br>CRB<br>CRB | AS-1442 1ssE<br>CK-1024 1ssA<br>DM-1052 1ssA | LIU-3             |
| -47867                | COIL, RF: 3/13/45<br>single wnd, single layer wnd, RH wnd; unshielded; one turn #8 ga wire; approx 2 1/16" lg x 3/4" wd o/a; air core, air wnd; mtd by two term, one 1/2" lg, the other 5/16" lg.  |                     |        | 16-C-71602-6732        | N16-C-14375     |                | 3C1084E-5             | CRV  | K-888148                   | CRV               | K-888148 sub1                                | MAR               |
| -47868                | COIL, RF: 3/13/45<br>single wnd, single layer wnd, RH wnd; unshielded; three turns 0.0201" thk x 3/16" wd copper wire ribbon; 1 7/64" lg x 11/16" wd x 1.098" h approx o/a; air wnd, air core; two mtg term 1.018" c to c; two radial solder lug term on ends of coil; lacquer impr.   |                     |        | 16-C-71706-8021        | N16-C-14382-100 |                | 3C1084E-7             | CRV  | K-888126-1                 | CRV               | K-888126-1 sub1                              | MAR               |
| -47869                | COIL, RF: 3/13/45<br>single wnd, single layer wnd, RH wnd; unshielded; four turns 0.0201" thk x 3/16" wd copper wire ribbon; 1.085" lg x 7/16" wd x 7/8" h o/a; air wnd, air core; mtd by two solder lug term, ea 7/16" lg; lacquer impr.  |                     |        | 16-C-71761-4563        | N16-C-14382     |                | 3C1084E-3             | CRV  | K-888126-2                 | CRV               | K-888126-2 sub1                              | MAR               |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO   | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                              |
|-----------------------|---|---------------------|--------|------------------------|------------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|--|
| -47870                | COIL, RF: 3/13/45<br>RF coil; single wnd, single layer wnd, RH wnd; unshielded; 1 turn of 0.808" diam wire; approx 1 3/16" lg x 1 1/16" wd x 5/8" h o/a; air wnd, air core; mtd by two solder lug term w/one 0.144" diam hole in ea 3/8" c to c.  |                     |        | 16-C-71599-8507        | N16-C-14375-100  |                | 3C1084H-4             | CRV | K-888180                   | CRV        | K-888180, sub1              | MAR  |
| -47871                | COIL, RF: 3/13/45<br>RF choke; single wnd, single layer wnd; unshielded; 29 turns #24 wire; 3/4" lg x 1/4" OD o/a; phenolic form, air core; form 3/4" lg x 1/4" OD; mtd by two pigtail term, ea 1 3/8" lg.  |                     |        | 16-C-72436-4859        | N16-C-13216      |                | 3C370-81              | CPQ | CF-170                     | CRV        | 889568-2 rev 0              | MAR (2)<br>RDR (2)                             |
| -47872                | SUPPRESSOR, parasitic: 3/13/45<br>resistor and coil type; 1.28" lg x 3/8" diam o/a; c/o twelve turns 0.0126" diam wire on composition resistor; uncased; mtd by wire lead term, one at ea end; polystyrene coated.  |                     |        | 16-S-89876-1335        | N16-C-13151-16-1 |                |                       | CRV | K-882400-1                 | CRV        | K-882400-1 rev3             | MAR<br>TDQ                                     |
| -47873                | SUPPRESSOR, parasitic: 3/13/45<br>resistor and coil; 3 1/4" lg x 3/8" OD approx o/a; c/o twenty-five turns 0.0126" diam, wire wnd on 100 ohms, 1w resistor; uncased; mtd by two axial wire lead term; polystyrene coated.   |                     |        | 16-S-89896-2670        | N16-N-493-22     |                |                       | CRV | K-882400-8                 | CRV        | K-882400-8 sub3             | MAR<br>TDQ                                     |
| -47874                | COIL, RF: 3/15/45<br>single wnd, six pie universal wnd; shielded in cylindrical aluminum can; rated 0.188 hv w/core, 17 to 26 kc, 30v, c/o 785 turns #3-40 Litz wire per pie, 4710 total number of turns, tapped at 3140 turns; 3 5/8" lg x 2 1/16" OD excluding term; ceramic form 2 27/32" lg x 1/2" OD; adj iron core w/scr adj through top of can; two #6-32 thd studs 1 7/8" c to c; four solder lug term on bottom of can; wax impr, incl 130 mmf capacitor (NT-481450-D2). |                     |        | 16-C-76826-7781        | N16-T-7199-85    |                |                       | CRV | W-305292-110               | CRV        | W-305292-110<br>rev5        | NMC<br>QBH<br>QCU<br>QCW<br>QCX<br>QCY<br>Q CZ |
|                       |   |                     |        |                        |                  |                |                       |     |                            |            |                             |  |
|                       |   |                     |        |                        |                  |                |                       |     |                            |            |                             |  |
|                       |   |                     |        |                        |                  |                |                       |     |                            |            |                             |  |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-204

**RESTRICTED**

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SHEET 47-205

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN   |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|---|
| -47875                | COIL, RF: 3/15/45<br>osc coil; single wnd, six pie universal wnd; shielded in cylindrical aluminum can; rated 0.16 by w/core, 17 to 26 kc, 30v, c/o 810 turns #3-40 Litz wire per pie, 4860 total number of turns, tapped at 3240 turns, 450 ohms DC resistance; 3 5/8" lg x 2 1/16" OD o/a excluding term; ceramic form 2 27/32" lg x 1/2" OD; adj iron core w/eodr adj through top of can; two #6-32 thd studs 1 7/8" c to c; four solder lug term on bottom of case; incl a 100 mmf capacitor (WT-48674-B10). |                     |        | 16-C-76827-5272        | N16-T-7199-86  |                |                       | CRV | W-305292-111               | CRV        | W-305292-111 rev5           | NMC<br>QBR<br>QCU<br>QCV<br>QCX<br>QCY<br>QCZ                         |
| -47876                | COIL, RF: 3/16/45<br>single wnd, single layer wnd; unshielded; rated 0.82 microhenrys max, 0.53 microhenrys min, 0.675 microhenrys nom; 15/16" lg x 9/16" OD o/a excluding adj nut; ceramic form 1/2" lg x 13/32" OD; adj brass core w/var brass plug w/wrench adj at bottom of form; single 5/16" approx diam thd mtg bushing; two wire lead term one ea at top and ctr of form; wax impr.  |                     |        | 16-C-76652-5537        |                |                | 301084Z19-1           | CRP | U51-5880-1                 | CRP        | U51-5880-1 sub14            | SO-1<br>SO-a<br>SO-2<br>SO-7M<br>SO-7N<br>SO-8<br>SO-9<br>SO-13       |
| -47877                | COIL, RF: 3/16/45<br>single wnd, single layer wnd; unshielded; rated 1.34 microhenrys max, 0.86 microhenrys min, 1.1 microhenrys nom; 15/16" lg x 9/16" OD o/a excluding adj nut; ceramic form 1/2" lg x 13/32" OD; adj brass core w/wrench adj through bottom of form; single 5/16" approx diam thd mtg bushing; two wire lead term, one ea at top and ctr of form; wax impr.   |                     |        | 16-C-76532-8231        |                |                | 301084Z19             | CRP | U51-5880-2                 | CRP        | U51-5880-2 sub14            | SO-1<br>SO<br>SO-a<br>SO-7M<br>SO-7N<br>SO-8<br>SO-9<br>SO-13<br>SO-2 |
| -47878                | COIL, RF: 3/16/45<br>RF coil; single wnd, single layer wnd; unshielded; rated 0.72 microhenrys max, 0.48 microhenrys min; 15/16" lg x 9/16" OD o/a excluding adj nut; ceramic form 1/2" lg x 13/32" OD; adj brass core w/wrench adj through bottom of form; single 5/16" approx diam thd mtg bushing; two wire lead term, one ea at top and ctr of form; wax impr.   |                     |        | 16-C-76520-9567        | N16-C-13160-26 |                |                       | CRP | U51-5880-3                 | CRP        | U51-5880-3 sub14            | SO-3(3)<br>SO-4(3)<br>SO-12M(4)<br>SO-12N(4)                          |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |   |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-205

**RESTRICTED**



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SHEET 47-206

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO                 | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                            |
|-----------------------|--|---------------------|--------|------------------------|--------------------------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|--|
| -47879                | COIL, RF: 3/16/45<br>single wnd, single layer wnd; unshielded; rated 1.61 microhenrys max, 0.9 microhenrys min; 15/16" lg x 9/16" OD o/a excluding adj nut; ceramic form 1/2" lg x 13/32" OD; adj brass core w/wrench adj through bottom of form; single 5/16" approx diam thd mtg bushing; two wire lead term, one ea at end and ctr of form; wax impr.                             |                     |        | 16-C-76536-2301        | N16-C-13160-27                 |                | 3C1084219-2           | CRP | U51-5880-4                 | CRP        | U51-5880-4 sub14            | SO-3(5)<br>SO-4(5)<br>SO-12M(5)<br>SO-12N(5) |
| -47880                | COIL, RF: 3/16/45<br>single wnd, single layer wnd; unshielded; rated 2.5 microhenrys max, 1.48 microhenrys min; 15/16" lg x 9/16" OD o/a excluding adj nut; ceramic form 1/2" lg x 13/32" OD; adj brass core w/wrench adj through bottom of form; single 5/16" approx diam thd mtg bushing; two wire lead term, one ea at top and ctr of form; wax impr.                             |                     |        | 16-C-76539-7184        | N16-C-13160-28                 |                | 3C1084219-3           | CRP | U51-5880-5                 | CRP        | U51-5880-5 sub14            | SO-3<br>SO-4<br>SO-12M<br>SO-12N             |
| -47881                | TRANSFORMER, RF: 3/13/45<br>RF input transf; two wnd, single layer wnd; unshielded; rated 2.14 microhenrys max, 1.48 microhenrys min; 15/16" lg x 9/16" OD o/a excluding adj nut; ceramic form 1/2" lg x 13/32" wd; adj brass core w/wrench adj through bottom of form; single 5/16" approx diam thd mtg bushing; four wire lead term, two at top two at ctr of coil form; wax impr. |                     |        | 17-T-82437-6182        | N16-T-7002-78                  |                |                       | CRP | U51-5880-6                 | CRP        | U51-5880-6 sub14            | SO-3<br>SO-4<br>SO-12M(2)<br>SO-12N(2)       |
| -47882                | COIL, RF: 3/16/45<br>RF inductor; single wnd; unshielded; rated 0.9 to 1.3 microhenrys, c/o 11 turns #26 E wire; 1 5/16" lg x 5/8" OD o/a; bakelite form 5/8" OD x 7/8" lg; adj iron core w/scdr adj on end of form; bushing mtg; two wire lead term.  |                     |        | 16-C-76525-7723        | N16-RC-17675<br>N16-C-13150-11 |                |                       | CRP | 51-5685-2                  | CRP        | DI051-5685-2<br>rev4        | SO<br>SO-a                                   |
| -47883                | COIL, RF: 3/16/45<br>RF inductor; single wnd; unshielded; rated 0.55 to 0.8 microhenrys, c/o 9 turns #26 E wire; 1 5/16" lg x 5/8" OD o/a; bakelite form 5/8" OD x 7/8" lg; adj iron core w/scdr adj on end of form; bushing mtg; two wire lead term.  |                     |        | 16-C-76522-2862        | N16-RC-17670                   |                |                       | CRP | 51-5685-1                  | CRP        | DI051-5685-1<br>sub4        | SO<br>SO-a                                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-206

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SHEET 47-207

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO                | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                                   |
|-----------------------|---|---------------------|--------|------------------------|-------------------------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|---|
| -47884                | COIL, RF: 3/21/45<br>RF choke; single wnd, five pie universal wnd and single layer wnd; unshielded; rated 0.4 millihenrys, 0.5 amp, 7 ohms DC resistance, c/o 421 turns #29 BS wire; 4" lg x 1" OD o/a excluding term; ceramic form, iron core; form 4" lg x 9/16" OD less term; 2 mtg studs one ea end of form; two solder lug term, one ea end of form. |                     |        | 16-C-74102-4801        | N16-RC-17726<br>N16-C-13173-7 |                |                       | CJA | K34150                     | CJA        | 92-5102 alt0<br>K34150 alt0 | SG-a<br>SG-1<br>SG-2                                |
| -47885                | COIL, RF: 3/17/45<br>single wnd, single layer wnd; unshielded; 8 1/2 turns #27 E wire tapped at 2 1/2 turns, 0.3468 ohms DC resistance; 1 1/16" lg x 2" wd x 7/16" h approx o/a; phenolic form, air core; mtd by two wire lead, ea approx 3/4" lg.  |                     |        | 16-C-71969-7893        | N16-T-18578-35                |                |                       | CW  | B-29380-1                  | CW         | BO-29380-1 1aa6             | SL-1<br>SL-a<br>MK-22 Mod1<br>MK-8 Mod2             |
| -47886                | COIL, RF: 3/17/45<br>1 wnd, single layer wnd; unshielded; 9 turns #27 E wire, tapped at 2 1/2 turns, 0.3672 ohms DC resistance; 1 5/16" lg x 7/16" diam, excluding tuning slug; phenolic form, air core; slug tuned, ead adj on top; mtd by 3 wire lead term, ea approx 3/4" lg.  |                     |        | 16-C-71986-4191        | N16-T-18551-102               |                |                       | CW  | B-29380-8                  | CW         | BO-29380-8 1aa6             | SL (6)<br>SL-a (6)<br>SL-1 (6)<br>MK-8 Mod 3<br>(6) |
| -47887                | COIL, RF: 3/17/45<br>one wnd, single layer wnd; unshielded; 0.408 ohms DC; ten turns #27 E wire, tapped at 2 1/2 turns, 0.408 ohms DC resistance; 1 1/16" lg x 1 1/4" wd x 7/16" h approx o/a; phenolic form, air core; mtd by two wire lead term, ea approx 3/4" lg.   |                     |        | 16-C-72027-8975        | N16-T-18551-103               |                |                       | CW  | B-29380-9                  | CW         | BO-29380-9 1aa6             | SL<br>SL-1<br>SL-a<br>MK-8 Mod3                     |
| -47888                | SUPPRESSOR, parasitic: 3/19/45<br>resistor and coil; 4 3/4" lg x 3/8" OD o/a; c/o seventy turns #30 DCC wire, 0.7 ohms DC resistance, rated 2 microhenrys, 250 ma resistor rated 1 meg; uncased; mtd by two pigtail term, ea 1 1/2" lg; fungusproof.  |                     |        | 16-S-89951-3953        |                               |                |                       | CFD | 180-130                    | CFD        | 180-130 revE                | IX-1  |
|                       |   |                     |        |                        |                               |                |                       |     |                            |            |                             |   |
|                       |   |                     |        |                        |                               |                |                       |     |                            |            |                             |   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-207

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SHEET 47-208

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO                | EQUIPMENT USED IN   |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|--|---------------------|
| -47889                | SUPPRESSOR, parasitic:<br>resistor and coil; 1 13/16" lg x 1 29/32" wd x 13/32" h o/a; o/o 125 turns #38 wire wnd on a 30000 ohm resistor, coil rated 1 millihenry, 15 ma, 340 ohms DC resistance; uncased; mtd by two pigtail term, ea 1 1/2" lg; fungusproof.  | 3/19/45             |        | 16-S-89821-4953        |                |                |                       | CFD        | 180-131                    | CFD        | 180-131 rev S                              | IX-1                |
| -47890                | COIL, RF:<br>RF choke; one wnd, single layer wnd; unshielded; rated 10 microhenrys, 0.015 amp, 0.8 ohms DC resistance c/o 75 turns #32 E wire; 1 1/4" lg x 17/64" diam; bakelite form, air core; form 1 1/4" lg x 1/4" OD; mtd by two radial wire lead term, ea 1 1/4" lg, 1" o to c; fungusproof.                               | 3/19/45             |        | 16-C-73105-6977        |                |                |                       | CFD        | 180-132                    | CFD        | 180-132 rev D                              | IX-1                |
| -47891                | COIL, RF:<br>input coil; single wnd, universal wnd; unshielded; rated 0.375 millihenrys min, 0.4 millihenrys max, 3.5 ohms DC resistance, c/o 150 turns #31 ES wire; 3/4" OD x 1/2" ID x 3/8" lg o/a; air core, bakelite form; form 9/16" OD x 3/8" lg; mts by 1/2" diam hole through ctr of form; two wire lead term; wax impr. | 3/19/45             |        | 16-C-74091-8151        |                |                |                       | CEM        | 869-88                     | CEM        | 869-88 alt0                                | WEA-2               |
| -47892                | RF INDUCTOR:<br>ant coupling transf, band #1; 2 wnd, single layer inter wound; unshielded; pri 5 1/2 turns #32 AWG E, D, S, secd 50 turns #28 AWG E wire; 1 5/8" lg x 3/4" diam; ceramic form, air core; 2 solder lug term on top, one #2-56 NC x 3/16" lg stud on side; coil marked L-203; wax covered.                         | 3/19/45             |        | 17-T-82062-7226        | N16-C-13253    |                |                       | COL        | 5710326 40                 | COL        | 571 0326 40<br>rev D11016<br>GA-326-D      | TCS thru<br>TCS-5   |
| -47893                | COIL, RF:<br>RF choke; one wnd, single layer wnd, unshielded; rated 5.5 microhenrys at 1000 cyc, Q is 52 at 5 mc; c/o 15 3/4 turns #9 copper wire; 2 19/32" lg x 1 5/16" wd x 7/8" h o/a; adj powdered iron core w/secr adj through top of form; mtd by two wire lead term at ctr of coil ea approx 3/8" lg.                     | 3/19/45             |        | 16-C-76594-7171        |                |                |                       | COL<br>CBV | 240 0001 00                | COL<br>CKP | 240 0001 00<br>rev D10886<br>CL-11018 rev0 | TCS-12<br>TCS-16(2) |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-208

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SHEET 47-209

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR        | CONTRACTOR'S DWG OR PART NO   | EQUIPMENT USED IN   |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|-------------------|---|---|
| -47894                | COIL, RF: 3/19/45<br>CANCELLED: RF coil; one wnd, single layer wnd, five taps; unshielded; rated 97 microhenrys, tapped at 15, 27, 44, 60 and 76 microhenrys; c/o 60 turns #17BC wire; 6" lg x 2 3/4" wd x 2 1/2" h o/a; air core; two #8-32 thd studs 5 1/4" c to c; seven solder lug term on side of coil.  |                     |        |                        |                |                |                       | COL        | 571 0467 20                | COL               | 571 0467 20<br>revD714  | TCS   |
| -47895                | COIL, RF: 3/19/45<br>RF choke; one wnd, three pie duolateral wnd; unshielded; rated 1 millihenry, 0.3 amp, 10 ohms DC resistance; ea pie c/o 190 turns #32 ES wire, 1.5 mmf distributed capacity; 1 15/16" lg x 1/2" OD o/a; ceramic form, air core; form 1 15/16" lg x 3/8" OD; one #6-32 thd x 3/8" d mtg hole; two solder lug term, one ea end of form; impr; electrically but not mechanically interchangeable w/WT-47896.<br>NOTE: TCS-11; TCS-12(5); TCS-14; TCS-15; TCZ; TCZ-1; TCZ-2.               |                     |        | 16-C-74375-3813        | N16-C-13158-2  | N16-C-17184-15 | 30326-300.1           | ONA<br>COL | R-300S<br>240 5800 00      | COL<br>CKP        | 240 5800 00<br>revD3081<br>P1-1008-AK 1saC4                         | TCS(3)<br>TCS-1 thru<br>TCS-3<br>TCS-4(3)<br>TCS-5(3)<br>TCS-7(3)<br>thru<br>TCS-9(3)<br>TCS-10<br>SEE NOTE |
| -47896                | COIL, RF: 3/19/45<br>RF choke; one wnd, three pie duolateral wnd; unshielded; rated 1 millihenry, 0.3 amp, 10 ohms DC resistance, ea pie c/o 190 turns #32 ES wire, distributed capacity 1 mmf; 2" lg x 1/2" OD o/a excluding term; ceramic form, air core; form 2" lg x 3/8" OD; mtd by two wire lead term, ea 2 1/4" lg; impr, electrically but not mechanically interchangeable w/WT-47895.<br>NOTE: TCS-7(3); TCS-8(3); TCS-9(3); TCS-10(4); TCS-11(4); TCS-12(11); TCS-14; TCS-16; TCC-1; TCC-2; YG-2. |                     |        | 16-C-74376-9045        | N16-C-13158-1  |                | 30326-300             | ONA<br>COL | R-300<br>240 5700 00       | CHK<br>COL<br>CIP | P1-1009 1saB2<br>P1-1009 1saB2<br>240 5700 00 revD<br>ES-11848 1sa1 | NK-2<br>YG-1<br>TCS<br>TCS-1(7)<br>TCS-2(6)<br>TCS-3(5)<br>TCS-4(11)<br>TCS-5(10)<br>TCS-6(2)<br>SEE NOTE   |
| -47897                | TRANSFORMER, IF: 3/20/45<br>peak freq 455 kc; first and second IF stage; shielded in rectangular zinc can; 4" h x 2" lg x 1 7/16" wd o/a excluding term and mtg studs; tuned pri and sec; adj powdered iron core w/sodr adj at bottom of can; two #6-32NC-2 thd spade bolts on 1" x 1 11/32" mtg/c, and two #4-40NC-2 thd spade bolts on 29/32" x 13/16" mtg/c; six solder lug term on bottom of can.   |                     |        | 17-T-67633-4100        | N16-T-6149-229 |                | 229641.243            | CAI<br>CFW | 41-377<br>SA-2612          | COL<br>CWS        | 278 4300 00 rev1<br>555697 revA                                     | TCS-7(2)<br>thru<br>TCS-12(2)   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-209

**RESTRICTED**

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SHEET 47-210

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO     | EQUIPMENT USED IN   |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|---------------------------------|---|
| -47898                | TRANSFORMER, IF: 3/20/45<br>peak freq 455 kc; third IF stage; shielded in rectangular zinc can; 4" h x 2" lg x 1 7/16" wd o/a excluding term and mtg studs; tuned pri and sec'd; adj powdered iron core w/sldr adj at bottom of can; two #6-32NC-2 thd spade bolts on 1" x 1 11/32" diagonal mtg/c; two #4-40RC-2 thd spade bolts on 29/32" x 13/16" diagonal mtg/c; six solder lug term on bottom of can.  |                     |        | 17-T-67633-4120        | N16-T-7002-35  |                |                       | CAI<br>OFW | 41-378<br>8A-2613          | COL<br>OWB | 278 4400 00 rev3<br>555658 revA | TCS-7 thru<br>TCS-12  |
| -47899                | TRANSFORMER, RF: 3/16/45<br>interstage transf; two wnd; unshielded; ea wnd c/o 816 turns #60-38 Litz wire tapped at 385 turns, 550 turns, ea coil rated 18.45 millihenrys, total inductance 62.8 millihenrys; 3 7/8" OD x 2 7/8" lg o/a; air core; form 3/4" OD x 2 7/8" lg; mts by two tapped mtg holes in ctr of coil form; eight wire lead term from coil; varnish baked.  |                     |        |                        | N16-T-6250     |                |                       | CRM        | 832-3011                   | CRM        | 832-3011 rev0                   | QCR-1<br>QCJ-9<br>QCL-8<br>QCN-2<br>QCN-4<br>QCO-1 thru<br>QCO-3<br>QCS<br>QOT                        |
| -47900                | SUPPRESSOR, parasitic: 3/20/45<br>resistor and coil; 3/4" lg max x 5/16" diam o/a excluding leads; c/o 8 turns #18 tinned copper wire on a 47 ohm p/m 10%, 1w resistor JAN type RC30EF470K, 0.147 amp max, 6.9v max; uncased; mtd by two axial pigtail term; wax covered; same as WF-471546 except for resistance tolerance.  |                     |        | 16-S-89862-1475        | N16-N-493-10   |                |                       | COL        |                            | COL        | 571 0704 10 rev0                | TCS(2)<br>thru<br>TCS-5(2)<br>TCS-7(2)<br>thru<br>TCS-12(2)   |
| -47901                | TRANSFORMER, RF: 3/16/45<br>interstage transf; two wnd; unshielded, open frame; freq response 18 to 26 kc, total inductance 53.3 millihenrys; ea wnd rated 18.45 millihenrys, c/o 750 turns #60-38 Litz wire tapped at 385 and 550 turns; 5 1/16" lg x 4" wd x 3 15/16" h o/a incl term; powdered iron core; slug tuned w/sldr adj through top of frame; two mtg holes in base 3 5/8" c to c; seven stud term on top of frame; varnish impr.<br>NOTE: QCO-2; QCQ; QCQ-3; WEA-2. |                     |        | 16-C-72680-8651        |                |                |                       | CRM        | 772-3011                   | CRM        | 772-3011 alt0-                  | QCR(2)<br>QCR-2(2)<br>QCJ-5<br>QCJ-6<br><br>QCL-4<br>QCL-5<br>QCN-2<br>QCN-3<br><br>QCO-1<br>SEE NOTE |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-210

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SHEET 47-211

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO      | MFGR              | MANUFACTURER'S PART NUMBER | CONTRACTOR        | CONTRACTOR'S DWG OR PART NO                             | EQUIPMENT USED IN  |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|----------------------------|-------------------|----------------------------|-------------------|---|--|
| -47902                | COIL, RF: 3/23/45<br>RF choke; single wnd; unshielded; rated 22 microhenrys p/m 20% at 1000 kc, 0.02 ohms DC resistance, c/o 55 turns #12 E wire; 1 5/8" lg x 1 5/16" OD o/a excluding leads; air core; mte by two wire lead term; choke encased in cardboard tubing w/ends spun over fibre discs.   |                     |        | 16-C-73330-8546        | N16-C-13298    |                |                            | CMA<br>CBI<br>CLG | RF583<br>X5634             | COL               | 240 5400 00<br>revD6261                                 | TCZ(32)<br>TCZ-1(30)<br>TCZ-2(12)<br>TCZ(6)  |
| -47903                | COIL, RF: 3/23/45<br>RF choke; single wnd, four pie duolateral wnd; unshielded; rated 2.5 millihenrys at 1 kc, 0.125 amp max, 50 ohms DC resistance, 1 mmf distributed capacity, ea pie c/o 220 turns #36 SSE wire; 1 15/16" lg x 1/2" OD o/a excluding term; iscolentite form, air core; form 1 15/16" lg x 3/8" OD; one #6-32 thd x 7/16" d mtg hole in base; two brass cotter pin term; low loss impr.<br>NOTE: TDH; TDH-3; TDH-4; TDO. |                     |        | 16-C-74714-8561        | N16-C-13158-7  |                | 3C326-100.1<br>3C341       | CMA<br>CAI        | R-100S<br>37-224           | COL<br>CPT<br>CFT | 240 5300 00<br>revD10413<br>RF-2114-1 1ssA<br>571067140 | TCZ thru<br>TCZ-2<br>DAV<br>DAV-1<br>TCB-1<br>TCB-2<br>TCC-1<br>TCC-3<br>TCC-4<br>SEE NOTE |
| -47904                | COIL, RF: 3/23/45<br>RF choke; single wnd, two pie duolateral wnd; unshielded; rated 208 microhenrys at 10v, 1500 p/m 10% kc, 2 ohms DC resistance, ea sect c/o approx 105 turns #28 DS or EDS wire; 15/16" lg x 37/64" OD o/a excluding leads; dummy resistor, air core; form 15/16" lg x 1/4" diam; two wire lead term, one ea end of form.  |                     |        | 16-C-73982-3161        |                |                |                            | CAQB              | S-W3265                    | COL               | 240 6000 00<br>revD8235                                 | TCZ thru<br>TCZ-2  |
| -47905                | COIL, RF: 3/23/45<br>CANCELLED: same as NT-47122.<br>NOTE: TDH-3; TDO.   |                     |        | 16-C-74716-4579        |                |                | 3C326-100.1<br>2C6670.1/C1 | CML               | 02242                      | COL               | 240 2100 00<br>revD8602                                 | TCZ thru<br>TCZ-2<br>SEE NOTE  |
| -47906                | COIL, RF: 3/23/45<br>RF choke; single wnd, single layer wnd; unshielded; rated 100 microhenrys at 10v, 1 kc, c/o 175 turns #27 chrome oxide wire; 5 5/8" lg x 1 7/16" OD o/a excluding lead; ceramic form, air core; two tapped mtg holes 1" c to c on base of form; one soldering sleeve term and one screw term.   |                     |        | 16-C-73781-1748        | N16-C-13167-80 |                |                            | COL               | 571 1404 30                | COL               | 571 1404 30<br>revD8066                                 | TCZ thru<br>TCZ-2  |
|                       |  |                     |        |                        |                |                |                            |                   |                            |                   |   |  |
|                       |  |                     |        |                        |                |                |                            |                   |                            |                   |   |  |

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NAVSHIPS 900,109(A)  
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SHEET 47-212

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN              |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|--------------------------------|
| -47907                | COIL, RF: 3/23/45<br>RF choke; single wnd, five pie duolateral wnd; unshielded; rated 6 millihenrys at 10v, 1 kc, 21 ohms DC resistance; 3 7/16" lg x 1 1/16" OD o/a excluding term; ceramic form 3" lg x 1/2" OD, air core; one #6-32 thd x 1/2" d mtg hole in one end of form; two solder lug term, one at ea end of form.   |                     |        | 16-C-74954-6000        | W16-C-13156-105 |                |                       | OML | 02400                      | COL        | 240 5900 00<br>revD4685     | TCZ(6)<br>TCZ-1(6)<br>TCZ-2(2) |
| -47908                | COIL, RF: 3/24/45<br>RF choke; one wnd, four pie universal wnd; unshielded; rated 5.4 millihenrys at 10v, 1 kc, 0.125 amp max, 70 ohms DC resistance, 3 mmf distributed capacity; 1 3/8" lg x 13/16" OD o/a excluding term; ceramic form 1 3/8" lg x 3/8" OD, air core; one #6-32 tapped mtg hole in bottom of form; solder lug term at top and one wire lead term at bottom; impr w/RF lacquer. |                     |        | 16-C-74913-5118        | W16-C-13156-140 |                |                       | OML | 02472                      | COL        | 240 4100 00<br>revD2692     | TCZ thru<br>TCZ-2              |
| -47909                | COIL, RF: 3/24/45<br>RF choke; single wnd, single layer wnd; unshielded; rated 190 millihenrys at 10v, 1 kc, 8 ohms DC resistance c/o approx 325 turns #35 SSE wire; approx 4" lg x 7/16" OD o/a excluding term; ceramic form, air core has aluminum bushing insert tapped for #6-32 mtg screw at one end; two coil clamp term, one on ea end of form.   |                     |        | 16-C-75642-7270        |                 |                |                       | COL | 571 1395 30                | COL        | 571 1395 30<br>revD10135    | TCZ thru<br>TCZ-2              |
| -47910                | GONIOMETER: 3/24/45<br>CANCELLED: never used.  | 16D8(RE)            |        |                        |                 |                |                       | CRR | R201481-1                  | CRP        | L212259                     | DBF-1                          |
| -47910-A              | GONIOMETER ASSEMBLY: 10/9/45<br>CANCELLED:   | 16D7(RS)            |        |                        |                 |                |                       | CRR | R201481-2                  |            |                             | DAZ                            |

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SHEET 47-213

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO   | EQUIPMENT USED IN          |
|-----------------------|---|---------------------|--------|------------------------|-----------------|----------------|-----------------------|------|----------------------------|------------|---|----------------------------|
| -47911                | <p>TRANSFORMER, RF: 3/24/45</p> <p>multiplier transf; two wnd; shielded in rectangular zinc can; wnd #1 rated 50,000 ohms impedance at 150 kc, freq range 1k2 to 158 kc, 5.5 ohms DC resistance, c/o 178 turns #7-41 ES wire, wnd #2 rated 100,000 ohms impedance at 50 kc, freq range 47 to 53 kc, 29.8 ohms DC resistance, c/o 440 turns #36 ES wire; 2 17/32" lg x 1 9/16" wd x 1 5/32" h o/a excluding leads.</p> <p>and mtg bolts; powdered iron cores; two adj iron core w/two scdr adj through side of can; two #6-32NC-2 thd spade bolts 1 1/8" c to c on bottom of can; three wire lead term at bottom of can; incl two fixed capacitors, impr, treated to withstand 200 hr salt spray test.</p> |                     |        | 16-C-76508-9861        | W16-C-14304-500 |                |                       | CAI  | 49-157                     | COL        | 278 0002 00<br>revD9323   | TOZ-1(3)<br>TOZ-2          |
| -47912                | <p>TRANSFORMER, RF: 3/23/45</p> <p>ant transf; two wnd, single loop wnd; unshielded; pri c/o single turn #10 tinned copper core 6 1/16" lg, secd c/o single turn #10 tinned copper wire 4 1/2" lg, 2 5/32" lg x 2" OD b/a excluding leads; ceramic form; adj iron core w/scdr adj in end of form; one #8-32 thd x 3/8" d mtg hole in one end of form; four wire lead term, two are terminated w/solder lugs.</p>  |                     |        | 17-T-82436-3861        | W16-T-7002-40   |                |                       | COL  | 571 1716 20                | COL        | 571 1716 20<br>revD8738   | TOZ thru<br>TOZ-2          |
| -47913                | <p>TRANSFORMER, IF: 3/23/45</p> <p>peak freq 15 mc; shielded in rectangular metal can; approx 1 3/4" lg x 1 3/8" wd x 4" h o/a excluding term and mtg studs; three tuned sect; adj powdered iron core tuning w/scdr adj through bottom of can; two mtg studs approx 1 5/16" c to c on bottom; five solder lug term on bottom; 350v to gnd, 0.001 amp, 1/4w, wnd #1 rated 4 to 6 microhenrys, 2.5 ohms DC resistance, c/o 24 turns of #28 E wire, wnd #2 rated 0.8 microhenrys, 0.9 ohms DC resistance, c/o 7 turns #28 E wire, wnd #3 rated 4 to 6 microhenrys, 2.5 ohms DC resistance, c/o 25 1/2 turns #28 E wire; incl a NF-48674-B10 fixed CAPACITOR.</p>   |                     |        | 17-T-68134-6037        | W16-T-7002-75   |                |                       | CRV  | M-421604-503               | CRV        | M-421604-503<br>rev9<br>K-865361-1 rev2<br>M-417525-3 rev6<br>K-78945-1 rev15<br>K-841728-501<br>rev6 | SO-1(2)<br>thru<br>SO-4(2) |

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NAVSHIPS 900.109(A)  
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SHEET 47-213

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SHEET 47-214

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR               | CONTRACTOR'S DWG OR PART NO   | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|--------------------------|---|-------------------|
| -47914                | TRANSFORMER, IF: 3/23/45<br>peak freq 15 mc; shielded in rectangular metal can; approx 1 3/4" lg x 1 3/8" wd x 4" h o/a excluding term and mtg studs; three tuned sect; adj powdered iron core tuning w/ecdr adj through bottom of can; two mtg studs approx 15/16" c to c on bottom; five solder lug term on bottom; 350v to gnd, 0.001 amp, 1/4w, wnd #1 rated 4 to 6 microhenrys, 2.5 ohms DC resistance, c/o 22 turns #28 E wire, wnd #2 rated 0.1 microhenrys, 0.1 ohms DC resistance, c/o 7 turns #28 E wire, wnd #3 rated 4 to 6 microhenrys, 2.5 ohms DC resistance, c/o 23 1/2 turns #28 E wire; incl a NT-48674-B10 fixed CAPACITOR.      |                     |        | 17-T-68134-6032        |                |                |                       | CRV  | M-421604-501               | CRV<br>CRV<br>CRV<br>CRV | M-421604-501<br>rev9<br>K-865361-1 rev2<br>K-78945-1 rev15<br>M-417525-3 rev6<br>K-841728-501<br>rev6 | SD-1 thru<br>SD-4 |
| -47915                | TRANSFORMER, IF: 3/23/45<br>peak freq 15 mc; shielded in rectangular metal can; approx 1 3/4" lg x 1 3/8" wd x 4" h o/a excluding term and mtg studs; three tuned sect; adj powdered iron core tuning w/ecdr adj through bottom of can; two mtg studs approx 1 5/16" c to c on bottom; five solder lug term on bottom; 350v to gnd, 0.001 amp, 1/4w, wnd #1 rated 4 to 6 microhenrys, 2.5 ohms DC resistance, c/o 24 3/4 turns #28 E wire, wnd #2 rated 0.8 microhenrys, 0.9 ohms DC resistance, c/o 7 turns #28 E wire, wnd #3 rated 4 to 6 microhenrys, 2.5 ohms DC resistance, c/o 25 1/2 turns #28 E wire; incl a NT-48674-B10 fixed CAPACITOR. |                     |        | 17-T-68134-6042        |                |                |                       | CRV  | M-421604-502               | CRV<br>CRV<br>CRV<br>CRV | M-421604-502<br>rev9<br>K-865361-1 rev2<br>K-78945-1 rev15<br>K-841728-501<br>rev6<br>M-417525-3 rev6 | SD-1 thru<br>SD-4 |
| -47916                | COUPLING UNIT, antenna: 3/24/45<br>CANCELLED: never used.   | 16D8(RE)            |        | 16-C-91732-6018        |                |                |                       | CRR  | R200062-1                  | CRR                      | N212326   | DBF-1             |
| -47916-A              | ANTENNA COUPLING UNIT: 10/9/45<br>CANCELLED:  | 16D7(RE)            |        |                        |                |                |                       | CRR  | R200062-2                  |                          |   | DAZ               |

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NAVSHIPS 900109(A)  
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SHEET 47-215

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|----------------------------------|
| -47917                | COIL, RF: 3/24/45<br>RF choke; single wnd, single layer wnd; unshielded; rated 0.33 to 0.39 microhenrys at 40 mc, c/o 7 turns #26 double vinyl acetate insulated wire; 5/8" lg x 1/4" OD o/a excluding leads; phenolic form, air core; mts by two radial #18 wire lead term. |                     |        | 16-C-72731-6444        | N16-C-13160-39 |                | 3C323-124N            | CFM  | 300493-1                   | CFM        | 300493-1 rev2               | BN thru<br>BN-2                  |
| -47918                | COIL, RF: 3/24/45<br>RF choke; single wnd, single layer wnd; unshielded; rated 0.79 microhenrys at 30 mc, c/o 20 turns #30 E wire; 1" lg x 9/32" OD o/a excluding leads; ceramic form, air core; mts by two axial wire lead term.  |                     |        | 16-C-72763-9629        | N16-C-13160-37 |                | 3C323-124Q            | CFM  | 300340-1                   | CFM        | 300340-1 rev2               | BN(2)<br>BN-1<br>BN-2(2)         |
| -47919                | COIL, RF: 3/24/45<br>RF choke; single wnd, single layer wnd; unshielded; c/o 37 turns #24 E wire; ceramic form, air core; 1 3/4" lg x 7/16" OD o/a excluding term; one #6-32 tapped mtg hole in one end of form; one solder lug term ea end of coil.                         |                     |        | 16-C-72979-3733        | N16-C-13160-38 |                | 3C323-124S            | CFM  | 300314-1                   | CFM        | 300314-1 rev2               | BN thru<br>BN-2                  |
| -47920                | COIL, RF: 3/24/45<br>RF choke; single wnd, single layer wnd; unshielded; c/o 17 turns #16 E wire; 1 3/4" lg x 7/16" OD o/a excluding term; ceramic form, air core; mts by one #6-32 tapped mtg hole in one end of form; one solder lug term, ea end of coil.                 |                     |        | 16-C-72781-8650        | N16-C-13160-40 |                | 3C323-124R            | CFM  | 300314-2                   | CFM        | 300314-2 rev2               | BN(2)<br>BN-1(2)<br>BN-2         |
| -47921                | COIL, RF: 3/24/45<br>RF choke; single wnd, single layer wnd; unshielded; rated 2.23 to 2.37 microhenrys at 16 mc, c/o 36 turns #26 double vinyl acetate insulated wire; 5/8" lg x 7/32" OD o/a excluding leads; phenolic form, air core; mts by two axial wire lead term.    |                     |        | 16-C-72873-6444        | N16-C-14375-14 |                | 3C323-124L            | CFM  | 300452-1                   | CFM        | 300452-1 rev2               | BN(9)<br>BN-1(9)<br>BN-2         |
| -47922                | COIL, RF: 3/24/45<br>RF choke; single wnd, single layer wnd; unshielded; rated 0.69 to 0.79 microhenrys at 30 mc, c/o 18 turns #20 double vinyl acetate insulated wire; 5/8" lg x 7/32" OD o/a excluding leads; phenolic form, air core; mts by two axial wire lead term.    |                     |        | 16-C-72760-4374        | N16-C-14375-13 |                | 3C323-124M            | CFM  | 300452-2                   | CFM        | 300452-2 rev2               | BN(5)<br>BN-1(5)<br>BN-2<br>SC-2 |

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NAVSHIPS 900,109(A)  
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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                                     |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|---|
| 47923                 | TRANSFORMER, RF: 3/24/45<br>osc transf; two wnd; shielded in rectangular zinc can; wnd #1 rated 30,000 ohms impedance at 200 kc, freq range 190 to 210 kc, 20.4 ohms DC resistance, c/o 320 turns #36 SSE wire, wnd #2 rated 100,000 ohms at 50 kc, freq range 47 to 53 kc, 29.8 ohms DC resistance, c/o 440 turns #36 SSE wire; 2 17/32" lg x 1 9/16" wd x 1 5/32" h o/a excluding leads and mtg bolts; powdered iron core; two adj iron core w/two scdr adj through side of can; two #6-32NC-2 thd spade bolt 1 1/8" c to c on bottom of can; four wire lead term at bottom of can; incl three fixed capacitors, impr, treated to withstand 200 hr salt spray test; stamped "278 0001 00 22201" on top of can. |                     |        | 17-T-81747-2846        | N16-C-14302-500 |                |                       | CAI | 49-157                     | COL        | 278 0001 00<br>rev D9324    | TGZ thru<br>TGZ-2                                     |
| 47924                 | COIL, RF: 3/24/45<br>RF filter choke; single wnd, single layer RH close wnd; unshielded; rated 5.4 microhenrys at 60 mc, c/o 13 1/2 turns #14E wire, w/0.85 ohms DC resistance; 5/8" OD x 2 3/8" lg o/a excluding term; 1mm phenolic form 1/2" OD x 2 3/8" lg; one #6-32 thd x 9/32" d tapped mtg hole ea end of form; two #6-32 thd screw term.   |                     |        | 16-C-73003-1852        |                 |                |                       | GRV |                            | GRV        | K-855650-501<br>rev2        | TBS-8   |
| 47925                 | COIL, RF: 3/26/45<br>peaking choke; single wnd, two pie universal wnd; unshielded; rated 1.40 millihenrys at 1000 cye, 5.80 ohms DC resistance, ea pie c/o 142 turns #29 ES wire; approx 1 5/16" lg x 1 7/16" OD o/a excluding leads; phenolic form 1 3/8" lg x 5/8" OD, air core; one 3/16" diam mtg hole in ctr of form; two brass pin term; impr.   |                     |        | 16-C-74466-8554        | N16-C-13160-15  |                |                       | CG  | K-34J353                   | CG         | K-34J353 rev2               | SK-4<br>SK thru<br>SK-3                               |
| 47926                 | COIL, RF: 3/26/45<br>RF filter coil; plug-in type; single wnd, four layer wnd; cylindrical metal shield; rated 15.7 microhenrys at 1000 cye, 5.3 mc, c/o 23 1/2 turns #16 E wire w/0.019 ohms DC resistance; 1 3/8" OD x 1 5/64" lg o/a excluding term and 3/4" lg spacer; form 1/2" OD x 9/16" lg; mts by 0.136" diam hole in ctr of spacer; two solder lug term; coil and core treated w/wax; electrically but not mechanically interchangeable w/NT-49727.  |                     |        | 16-C-73232-2872        | N16-C-13160-48  |                |                       | GRV |                            | GRV        | K-900676-501<br>rev13       | TBS-8<br>RBB-1(2)<br>RBB-2(2)<br>RBC-1(2)<br>RBC-2(2) |
|                       |  |                     |        |                        |                 |                |                       |     |                            |            |                             |   |
|                       |  |                     |        |                        |                 |                |                       |     |                            |            |                             |   |

SHEET 47-216

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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
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SHEET 47-217

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -47927                | COIL, RF: 3/26/45<br>RF filter coil; plug-in type; single wnd, layer wnd; cylindrical metal shield; rated 15.7 microhenrys at 1000 cyc, 5.3 mc, 23 1/2 turns #16 E wire, 0.019 ohms DC resistance; 1 3/8" OD x 1 5/64" lg o/a excluding term and 1/2" lg spacer; form 1/2" OD x 9/16" lg; mts by 0.136" diam hole in ctr of spacer; two solder lug term; coil and core treated w/wax; electrically but not mechanically interchangeable with NT-49726.   |                     |        | 16-C-73232-2867        |                |                |                       | CRV |                            | CRV        | K-900676-502<br>rev13       | TBS-8             |
| -47928                | COIL, RF: 3/26/45<br>crystal osc tank coil; single wnd, layer wnd; shielded in rectangular aluminum can; rated 2.23 millihenrys, freq range 13.675 to 18.675 mc, 0.073 ohms DC resistance, c/o 18 turns #23 E wire; approx 1 3/4" lg x 1 3/8" wd x 4" h o/a; phenolic form; adj powdered iron core w/scr adj through top of can; two spade bolts approx 1 5/16" c to c on bottom of can for mtg; four solder lug term on top and four solder lug term on bottom of can; incl two fixed capacitors and two fixed resistors. |                     |        | 16-C-76742-9414        | N16-T-6417-7   |                |                       | CRV | P-720172-501               | CRV        | P-720172-501<br>rev14       | TBS-8             |
| -47929                | COIL, RF: 3/26/45<br>first doubler tank coil; single wnd, layer wnd; shielded in rectangular aluminum can; rated 0.602 millihenrys, freq range 27.35 to 37.35 mc, 0.067 ohms DC resistance, c/o 6 turns #23 E wire; approx 1 3/4" lg x 1 3/8" wd x 4" h o/a; phenolic form; adj powdered iron core w/scr adj through top of can; two spade bolts approx 1 5/16" c to c on bottom of can for mtg; one solder lug term on top and six solder lug term on bottom of can; incl two fixed capacitors and one fixed resistor.    |                     |        | 16-C-76702-1353        |                |                |                       | CRV | P-720172-502               | CRV        | P-720172-502<br>rev14       | TBS-8             |

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NAVSHIPS 900,109(A)  
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SHEET 47-218

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO     | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|---------------------------------|-------------------|
| -47930                | <p>COIL, RF: 3/26/45</p> <p>second doubler tank coil; single wnd, layer wnd; shielded in rectangular aluminum can; rated 0.234 millihenrys, freq range 54.7 to 74.7 mc, 0.013 ohms DC resistance, c/o 4 3/4 turns #14 bare copper wire; approx 1 3/4" lg x 1 3/8" wd x 49/64" h o/a; phenolic form; adj powdered iron core w/sldr adj through top of can; two spade bolts approx 1 5/16" c to o on bottom of can for mtg; one solder lug term on top and six solder lug term on bottom of can; incl one fixed capacitor.</p> |                     |        | 16-C-76678-2187        |                |                |                       |     |                            | CRV        | P-720172-503<br>rev14           | TBS-8             |
| -47931                | <p>TRANSFORMER, IF: 3/26/45</p> <p>interstage, first IF; shielded; 3 3/8" lg x 1 3/8" wd x 1 3/8" h o/a excluding mtg studs, adj screws and term; iron core, corex form; two wnd, inductance pri 0.51 microhenrys at 1 kc; 4 3/4 turns, secd 0.65 microhenrys at 1 kc, 5 3/4 turns, pri and secd tuned by two fixed int capacitors, 47 mfd ea; adj iron core; mts by two studs 1 3/8" c to c; five solder lug term same end as mtg studs.</p>  |                     |        | 17-T-68279-1951        | N16-T-6122-200 |                | 229643.236            | CRV | T-618106-501               | CRV<br>CRV | T-618106-501<br>N-439574-1 1980 | MAR<br>RAR        |
| -47932                | <p>TRANSFORMER, IF: 3/26/45</p> <p>peak freq 30.2 mc; secd IF stage; shielded in rectangular aluminum can; 1 3/4" lg x 1 3/8" wd x 5 9/16" h max o/a; tuned pri and secd; adj powdered iron core tuning w/sldr adj through top and bottom of can; two #6-32 thd mtg studs 1 3/8" c to c on top of can; four solder lug term on top of can; pri and secd ea rated 0.51 microhenrys at 1,000 cyc, 0.1 ohms DC resistance, incl two WT-483936 Fixed Ceramic Capacitors, impr for tropical use.</p>                              |                     |        | 17-T-68279-1961        | N16-T-6122     |                | 229643-238            | CRV | T-618106-502               | CRV        | N-439575-1 sub0                 | MAR<br>RDR        |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-218

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SHEET 47-219

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER                    | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|---|------------|-----------------------------|-------------------|
| -47933                | IF TRANSFORMER (3rd IF): 3/26/45<br>peak freq approx 30 mc; 3rd IF transf; sq aluminum shield can; 1 3/8" h x 1 3/8" wd x 3 3/8" lg, less term and adj screws; 2 iron cores; tuned pri and sec; adj iron core tuning; mts by two #6-32 thd studs 9/32" lg, 1 3/8" c to c; 4 solder lug term on bottom of can; pri and sec ea 4 3/4 turns 0.040" diam tinned copper wire, impr for tropical use, incl two 47 mmf capacitors. |                     |        | 17-T-68272-6816        | N16-T-6122-50  |                | 229643.237            | CRV<br>CRV | M-439575-2<br>sub 0<br>T-618106-503<br>sub 11 |            |                             | MAR<br>RDR        |
| -47934                | IF TRANSFORMER (4th IF): 3/26/45<br>peak freq approx 30 mc; 4th IF transf; sq aluminum shield can; 1 3/8" h x 1 3/8" wd x 3 3/8" lg, less term and adj screws; 2 adj iron core; tuned pri and sec; adj iron core tuning; mts by two #6-32 thd studs 1 3/8" c to c; 4 solder lug term on bottom of can; pri and sec ea 4 3/4 turns 0.040" diam tinned copper wire, impr for tropical use, incl two 47 mmf capacitors.        |                     |        | 17-T-68272-6816        | N16-T-6122-100 |                | 229643.237            | CRV<br>CRV | M-439575-3 sub0<br>T-618106-504<br>sub 11     |            |                             | MAR<br>RDR        |
| -47935                | IF TRANSFORMER (5th IF): 3/26/45<br>peak freq approx 30 mc; 5th IF transf; sq aluminum shield can; 1 3/8" h x 1 3/8" wd x 3 3/8" lg, less term and adj screws; 2 adj iron cores; tuned pri and sec; adj iron core tuning; mts by two #6-32 thd studs 1 3/8" c to c; 4 solder lug term on bottom of can; pri 4 1/4, sec 5 1/4 turns 0.040" diam tinned copper wire, impr for tropical use, incl two 47 mmf capacitors.       |                     |        | 17-T-68272-6806        | N16-T-6122-150 |                | 229643.239            | CRV<br>CRV | M-439575-4 sub0<br>T-618106-505<br>sub 11     |            |                             | MAR<br>RDR        |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

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SHEET 47-220

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO        | EQUIPMENT USED IN  |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|-----------------------|-----|----------------------------|------------|------------------------------------|--|
| -47936                | COIL, RF: 3/26/45<br>osc coil; single wnd, single layer wnd; shielded in rectangular aluminum can; rated 4.4 microhenrys at 1000 cyc, 0.1 ohms DC resistance, c/o 28 1/2 turns #18 wire; 1 3/4" lg x 1 3/8" wd x 4 3/8" h max o/a; cerex form; adj powdered iron core w/scr adj through top of can; two #6-32 thd mtg studs 1 3/8" c to c on bottom of can; four solder lug term on bottom of can, one not used; incl a 120 mmf fixed mica capacitor; impr for tropical use. |                     |        | 16-C-76580-7886        | N16-T-18599-104 |                |                       | CRV | T-618106-506               | CRV        | M-439576-1 sub0                    | MAR  |
| -47937                | COIL, RF: 3/26/45<br>RF tranef; one wnd, single layer wnd; shielded in rectangular aluminum can; rated 3.92 microhenrys at 1000 cyc, 0.1 ohms DC resistance, c/o 30 turns #18 wire; 1 3/4" lg x 1 3/8" wd x 4 3/4" h o/a; cerex form; adj powdered iron core w/scr adj through bottom of can; two #6-32 thd studs 1 3/8" c to c on top of can; three solder lug term on top of can, one not used; impr for tropical use.   |                     |        | 16-C-76574-7416        | N16-T-18599-100 |                | 3C1084H-27            | CRV | T-618106-507               | CRV        | M-439577-1 sub0                    | MAR<br>RDR   |
| -47938                | TRANSFORMER, IF: 3/26/45<br>interstage; shielded; 1 3/8" lg x 1 3/8" wd x 3 3/8" h excluding term and adj; iron core, cerex form; one wnd, inductance 0.43 microhenrys at 1 kc, DC resistance less than 1 ohm; adj iron core; mts by two #6-32 thd studs 1 3/8" c to c; three solder lug term same end as mtg studs, two term used; impr for tropical use.   |                     |        | 16-C-76520-8445        | N16-T-18599-101 |                |                       | CRV | M-439578-1                 | CRV<br>CRV | T-618106-508<br>M-439578-1 sub0    | MAR<br>RDR   |
| -47939                | COIL, RF: 3/27/45<br>RF filter choke; two wnd, wnd in bifilar, RR close wnd; unshielded, open frame; freq range 0.5 to 27 mc, ea wnd rated 3.95 microhenrys, c/o 30 turns #28DC wire w/0.27 ohms DC resistance; 1 3/4" lg x 1 1/4" wd x 1" h o/a; phenolic form, air core; form 1 5/8" lg x 1/2" diam; mts by 0.375" diam hole in ctr of form; four solder lug term; wax impr.   |                     |        | 16-C-72955-5501        | N16-C-13142     |                |                       | CRV |                            | CRV<br>CMX | K-869413-501sub4<br>XB-360139 chgB | RBC thru<br>RBC-2<br>RAK-6<br>RAK-8<br>RAL-6<br>RAL-7<br>RAL-8<br>RBB-1<br>RBB-2 |

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NAVSHIPS 900,109(A)  
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SHEET 47-220

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SHEET 47-221

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A B O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO            | EQUIPMENT USED IN                                   |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|--|---|
| -47940                | COIL, RF: 3/27/45<br>RF filter coil; single wnd, single layer close wnd; unshielded; rated 5.7 microhenrys, freq range 0.5 mc to 27 mc, o/c 25 turns #28BDC wire w/0.27 ohms DC resistance; 1 1/4" lg x 1" wd x 1 3/8" h c/a excluding term; lam phenolic form 1/2" diam x 1 3/8" lg; mts by 0.316" diam hole in ctr of form; two brass lug term.   |                     |        | 16-C-73023-9303        | N16-C-13142-1  |                |                       | CRV  |                            | CRV        | K-865458-501<br>rev4                   | RBB-1<br>RBB-2<br>RBC-1<br>RBC-2                    |
| -47941                | TRANSFORMER, RF: 3/27/45<br>osc heater choke; three wnd; unshielded; rated 3.33 microhenrys, freq range 4 to 27 mc, wnd #1 c/o 12 1/2 turns #30 ES wire w/0.21 ohms DC resistance, wnd #2 c/o 29 1/2 turns #24 ES wire w/0.12 ohms DC resistance, wnd #3 c/o 29 1/2 turns #24 ES wire w/0.13 ohms DC resistance; approx 2 13/32" lg x 1 3/8" OD o/a; bakelite form; adj iron core w/scr adj at one end of form; six solder lug term, on term board; wax impr.   |                     |        | 16-C-76925-5850        | N16-T-18568    |                |                       |      |                            | CRV        | K-865480-501<br>sub7                   | RBC thru<br>RBC-2<br>RBB thru<br>RBB-2              |
| -47942                | COIL, RF: 3/27/45<br>RF filter choke; two wnd separated by layer of tape; unshielded; inner wnd rated 5.65 microhenrys c/o 25 turns #28BDC wire w/0.27 ohms DC resistance, outer wnd rate 6.5 microhenrys, c/o 24 turns #28BDC wire, w/0.29 ohms DC resistance; 1 1/4" lg x 1" wd x 1 3/8" h o/a excluding term; lam phenolic form 1/2" OD x 1 3/8" lg; mtd by 0.316" diam hole in ctr of form; four brass lug term.  |                     |        | 16-C-75849-5144        | N16-C-13141    |                |                       | CRV  |                            | CRV        | K-865458-502<br>sub4                   | RBC<br>RBB  |
| -47943                | COIL, RF: 3/27/45<br>filter coil; one wnd, three pie universal wnd and single layer close wnd in series; unshielded; three pie wnd rated 611.3 microhenrys total, ea pie c/o 50 turns #22 SSE wire, single layer wnd rated 16.3 microhenrys, c/o 40 turns #22 SSE wire, mutual inductance 650.3 microhenrys at 1000 cyc, 115r, 60 cyc, 1 ph, 0.9 amp normal to 1.4 amp max, 0.795 ohms total DC resistance; 5 1/8" lg x 1 1/8" OD o/a excluding lead; adj iron core w/scr adj through end of form; single #8-32 thd mtg stud; one solder lug term at one end and one wire lead term at other end; varnish impr. |                     |        | 16-C-76504-5350        | N16-C-13144    |                |                       | CRV  | K-826863-502               | CRV        | K-826863-502<br>sub8<br>M-413213 sub10 | RBB<br>RBB-1(4)<br>RBB-2(4)<br>RBC-1(4)<br>RBC-2(4) |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-221

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SHEET 47-222

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E-S-O STOCK NO | A-S-O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACT | CONTRACTOR'S DWG OR PART NO         | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|----------|-------------------------------------|-------------------|
| -47944                | COIL, RF: 3/27/45<br>RF choke; one wnd, four pie universal wnd; unshielded; rated 2.5 millihenry, 125 ma, 50 ohms DC resistance; 1 15/16" lg x 1/2" OD o/a excluding mtg stud; ceramic form, air core; form 1 15/16" lg x approx 3/8" OD; one #6-32 thd x 9/32" lg mtg stud at one end of form; two solder lug term, one ea end of form; wax impr.  |                     |        | 16-C-74714-8436        | 116-C-13159    |                | 30341-3               | CJA | 34102                      | CPT      | F-39952-1 100D                      | DAQ               |
| -47945                | TRANSFORMER, variable RF: 3/28/45<br>variometer; unshielded; three wnd, two stator wnd, one rotor wnd; rated 102 microhenry, 0.162 ohms max DC resistance, stator wnd "A" c/o 42 7/8 turns #81-38<br><br>DCE Litz wire tapped at 5 3/4, 20 3/4 and 25 3/4 turns, stator wnd "B" c/o 18 1/2 turns #81-38 DCE Litz wire, rotor wnd c/o 17 1/2 turns #81-38 DCE Litz wire; 9 3/8" lg x 7 15/16" wd x 6 1/8" h c/a; air core; var coupling by adjusting rotor by means of shaft in side of form; mts by four mtg bkt on end; five term screws.        |                     |        | 17-T-84145-5261        |                |                |                       | CAY | T-76081771-102             | CAY      | T-76081771-102 subC                 | TBU thru TBU-4    |
| -47946                | TRANSFORMER, RF: 3/28/45<br>osc coil; single wnd; shielded; rated 700 millihenry in air, 1.751 millihenry in shield, resonant freq 163 kc when tuned by an 820 mmf capacitor, Q is 90 at 164 kc w/core adj to min, Q is 170 at 164 kc w/core adj to max, c/o 270 turns #15-44 BS wire tapped at 142.5 turns; 2 7/8" lg x 2" h x 1 3/8" wd o/a w/o shield can; phenolic tube form; adj iron core w/scrdr adj at end of form; mts by a #6-32 thd spade bolt; four solder lug term on term board; impr, treated to withstand 200 hr salt spray test. |                     |        | 16-C-76866-4887        | 116-T-7002-7   |                |                       | CFW | 13854                      | CRP      | DU-92-5127 sub3                     | VF                |
| -47947                | COIL, RF: 3/28/45<br>MO plate choke coil; single wnd, single layer wnd; unshielded; rated 640 microhenry, freq range 2000 to 4525 kc, c/o 160 turns #30 DSC wire w/0.76 ohms DC resistance; approx 3 3/4" lg x 1 3/4" OD o/a excluding term; steatite ceramic form, air core; two 0.228" diam mtg holes 3" c to c on side of form; two term screws on side of form; varnish impr.   |                     |        | 16-C-74219-2801        | 116-C-13263    |                |                       | CRV |                            | CRV      | M-418180-501 sub11<br>K-843668 sub3 | TBK-19            |
|                       |   |                     |        |                        |                |                |                       |     |                            |          |                                     |                   |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | NSC STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER PART NUMBER | CONTRACTOR OR PART NO                        | EQUIPMENT USED IN                 |
|-----------------------|--|---------------------|--------|------------------------|--------------|----------------|-----------------------|-----|--------------------------|--|-----------------------------------|
| 47948                 | COIL, RF: 3/28/45<br>first amplr plate choke coil; single wnd, single layer wnd; unshielded; rated 200 microhenrys, freq range 2000 to 9050 kc, c/o 81 turns #28 DCC wire w/3.0 ohms DC resistance; approx 3 3/4" lg x 1 3/4" OD c/a excluding term; steatite ceramic form, air core; two 0.228" diam mtg holes 3" c to c on side of form; two term screws on side of form; varnish impr.  |                     |        |                        | N16-C-13296  |                |                       | CRV |                          | CRV M-418180-502<br>sub11<br>K-843668-1 sub3 | TBK-19<br>TBL-4<br>TBL-8<br>TBL-9 |
| 47949                 | COIL, RF: 3/28/45<br>second amplr plate choke; single wnd, single layer wnd; unshielded; rated 91 microhenrys, freq range 2000 to 18100 kc, c/o 52 turns #24 DC wire w/0.64 ohms DC resistance; approx 3 3/4" lg x 1 3/4" OD c/a excluding term; steatite ceramic form, air core; two 0.228" diam mtg holes 3" c to c on side of form; two term screws on side of form; varnish impr.      |                     |        | 16-C-73707-7001        | N16-C-13261  |                |                       | CRV |                          | CRV M-418180-503<br>sub11<br>K-843668-sub3   | TBK-19<br>TBL-4<br>TBL-8<br>TBL-9 |
| 47950                 | COIL, RF: 3/28/45<br>tank coil; single wnd, single layer wnd; unshielded; rated 15.3 microhenrys, freq range 2000 to 4525 kc, c/o 20 turns #16 DC wire w/0.04 ohms DC resistance; approx 3 3/4" lg x 1 3/4" OD c/a excluding term; steatite ceramic form, air core; two 0.228" diam mtg holes 3" c to c on side of form; two term screws on side of form; varnish impr.                    |                     |        | 16-C-74122-8145        | N16-C-14385  |                |                       | CRV |                          | CRV M-418180-504<br>sub11<br>K-843668-1 sub3 | TBK-19                            |
| 47951                 | COIL, RF: 3/28/45<br>first amp grid choke; single wnd, single layer; unshielded; rated 46 microhenrys at 1000 cye, freq range 2000 to 4525 kc, c/o 123 turns #30 DSC wire w/0.76 ohms DC resistance; approx 3 3/4" lg x 1 3/4" OD c/a excluding term; steatite ceramic form, air core; two 0.228" diam mtg holes 3" o to c on side of form; two term screws on side of form; varnish impr. |                     |        | 16-C-74122-8145        | N16-C-13262  |                |                       | CRV |                          | CRV M-418180-506<br>rev11<br>K-843668-1 rev3 | TBK-19                            |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-223

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SHEET 47-224

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR   | CONTRACTOR'S DWG OR PART NO          | EQUIPMENT USED IN                 |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|--------------|--------------------------------------|-----------------------------------|
| -47952                | COIL, RF: 3/29/45<br>RF choke; 1 wnd, 4 pie universal wnd; unshielded; rated 13.6 millihenries at 1000 cyc, freq range 175 to 600 kc; 0.5 amp, 2500v test, ea pie c/o 175 turns #24 DCC wire w/11.3 ohms DC resistance; approx 5 1/8" lg x 2" wd x 4 1/2" h o/a; air core; form 5 1/8" lg x 2" OD; mte on two stand-off ins ea v/a #10-32 thd x 1/2" d tapped hole approx 4 3/8" c to c; two screw type term, one ea end of form; varnish impr.   |                     |        | 16-C-75478-2324        | N16-C-13299-6  |                |                       |            |                            | CRV          | M-402482-503<br>sub 4                | TBL-8                             |
| -47953                | COIL, RF: 3/29/45<br>RF filament choke; two wnd, layer wnd; unshielded; rated 190 microhenrys, freq range 1000 to 2500 kc, ea wnd c/o 96 turns #16 SCE wire w/0.23 ohms DC resistance; 4 5/8" lg x 3 3/8" OD o/a excluding term; grooved ceramic form, air core; two #10-24 thd x 5/8" d holes 2 3/8" mtg/c; four solder lug term, two ea end of form; varnish impr.  |                     |        | 16-C-75893-9689        | N16-C-13264    |                |                       |            | CRV                        | M-418195-501 | CRV<br>M-418195-501<br>sub 7         | TRF-19<br>TBL-4<br>TBL-8<br>TBL-9 |
| -47954                | COIL, RF: 3/29/45<br>RF coil; one wnd, six pie universal wnd; shielded in round aluminum can; rated 0.158 hz w/core, freq range 17 to 26 kc, 410 ohms max DC resistance; approx 3 1/2" lg x 2 3/32" OD o/a excluding term and scdr adj; adj iron core w/scdr adj through top of can; two 5/32" diam spade bolts 1 7/8" o to c on bottom of can; four solder lug term on bottom of can; incl one JAN type CM20D361J fixed capacitor; wax impr.   |                     |        | 16-C-76831-6949        | N16-T-18525-1  |                |                       | CRV<br>CRV | 306382-116<br>306382-117   | CRV<br>CRV   | W-306382-116rev6<br>W-306382-117rev6 | QCB(2)                            |
| -47955                | TRANSFORMER, RF: 3/29/45<br>osc trans; single wnd, six pie universal wnd; shielded in round aluminum can; rated 24.2 millihenrys w/core, 23.9 millihenrys w/o core, freq range 77 to 86 kc, 165 ohms DC resistance, o/o 2352 turns #40 Litz wire tapped at 764 turns; approx 3 1/2" lg x 2 3/32" OD o/a excluding term and scdr adj; adj iron core w/scdr adj through top of can; two 1/8" diam mtg studs 7/8" c to c on bottom of can; four screw term on bottom of can, one not used; wax impr. |                     |        | 16-C-76786-6358        | N16-T-18525-3  |                |                       | CRV        | 306382-119                 | CRV          | W-306382-119<br>rev 6                | QCB                               |
|                       |   |                     |        |                        |                |                |                       |            |                            |              |                                      |                                   |
|                       |   |                     |        |                        |                |                |                       |            |                            |              |                                      |                                   |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

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SHEET 47-225

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN  |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|--|
| -47956                | TRANSFORMER, RF: 3/29/45<br>o/c transf; single wnd, universal wnd; shielded in round aluminum can; rated 3.3 millihenrys w/core, 2.73 millihenrys w/o core, freq range 60 to 61.5 kc, 23 ohms max DC resistance, c/o 445 turns #7-42 ES wire tapped at 170 turns; 3 1/2" lg x 2 3/32" OD o/a excluding term and scdr adj; adj iron core w/scdr adj through top of can; two 1/8" diam mtg studs 7/8" c to c on bottom of can; four screw term on bottom of can; incl one JAN type CM30D222J and one JAN type CM20D471G fixed capacitor; wax impr. |                     |        | 16-C-76748-5778        | 116-T-18527    |                |                       | CRV | 306382-120                 | CRV        | W-306382-120 rev6           | QGB  |
| -47957                | TRANSFORMER, IF: 3/29/45<br>freq range 17 to 26 kc; shielded in round aluminum can; 3 1/2" lg x 2 3/32" OD o/a excluding term and scdr adj; tuned pri and scdr; adj powdered iron core w/scdr adj through top and bottom of can; two 1/8" diam mtg stud 7/8" c to c on bottom of can; four screw term on bottom of can; pri and scdr ea rated 4.95 millihenrys, 30 ohms DC resistance; incl two JAN type CM30D152J fixed capacitors; wax impr.   |                     |        | 17-T-67412-7501        | 116-T-6271-5   |                |                       | CRV | 306382-124                 | CRV        | W-306382-124 rev6           | QGB(4)   |
| -47958                | COIL, RF: 3/30/45<br>interstage transf; two wnd; unshielded, open frame; pri and scdr ea rated 18.45 millihenrys, c/o 816 turns #60-38 Litz wire, tapped at 385 and 550 turns, freq range 18 to 26 kc, 62.8 millihenrys mutual inductance; 4 1/4" lg x 4 23/32" wd x 3 15/16" h o/a incl term; adj iron core w/scdr adj through top of frame; for tapped mtg holes on approx 4 1/4" x 3 13/16" mtg/c on bottom of frame; seven screw term on top of frame.   |                     |        | 16-C-72680-8851        | 116-T-6251     |                |                       | CBM | 832-3001                   | CBM        | 832-3001 alt2               | QCR-1<br>QCT-9<br>QCL-8<br>QCN-4<br>QCO-3<br>QCC-1<br>QCS<br>QCS-1<br>QCT<br>QCT-1 |
| -47959                | COIL, RF: 3/30/45<br>RF choke; one wnd, single layer wnd; shielded in rectangular metal can; rated 30 microhenrys, 25 amp, impedance 60 ohms min at 15 to 20 mc; 8 3/8" lg x 4" wd x 4 3/8" h o/a; air core; fl mtd; two screw type term at end of can.  |                     |        | 16-C-73433-6896        |                |                |                       | CG  | RMA-6129                   | CG         | P-9062815 rev1              |  |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |  |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |  |

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

SHEET 47-225

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SHEET 47-226

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -47960                | COIL, RF: 3/29/45<br>osc coil; plug-in type; one wnd, four pie universal wnd; unshielded, encl in round bakelite can; rated 2.4 millihenrys at 125 ma, freq range 200 to 300 kc, three pies ea c/o 230 turns #36 SSE wire, one pie o/o 200 turns #36 SSE wire; 2 5/16" lg x 1 1/4" OD o/a excluding term; isolantite form, air core; five socket pins at base for mtg in five cont tube socket; five pin type term, three not used; wax potted; c/o CRA type #R-100 coil w/30 turns removed from one pie mtd in a bakelite can.                         |                     |        | 16-C-74616-6601        | N16-C-13185    |                |                       | CCI |                            | CCI        | 127AA-T-301-1<br>188A       | TDD-3             |
| -47961                | COIL, RF: 3/29/45<br>osc coil; plug-in type; one wnd, three pie universal wnd; unshielded, encl in a round bakelite can, rated 1.35 millihenrys at 125 ma, freq range 290 to 450 kc, two pies ea c/o 230 turns #36 SSE wire, one pie c/o 65 turns #36 SSE wire; 2 5/16" lg x 1 1/4" OD o/a excluding term; isolantite form, air core; five socket pins at base for mtg in a five cont tube socket; five pin type term, three not used; wax potted; c/o CRA type #R-100 Coil w/one pie and 165 turns from another pie removed and mtd in a bakelite can. |                     |        | 16-C-74462-3933        | N16-C-13185    |                |                       | CCI |                            | CCI        | 127AA-T301-2<br>revA        | TDD-3             |
| -47962                | COIL, RF: 3/29/45<br>osc coil; plug-in type; one wnd, two pie universal wnd; unshielded, encl in a round bakelite can, rated 750 microhenrys at 125 ma, freq range 400 to 680 kc, one pie c/o 230 turns #36 SSE wire, other pie c/o 100 turns #36 SSE wire; 2 5/16" lg x 1 1/4" OD o/a excluding term; isolantite form, air core; five socket pins at base for mtg in a five cont tube socket; five pin type term, three not used; wax potted; c/o CRA type #R-100 Coil w/two pies and 130 turns of another pie removed and mtd in a bakelite can.      |                     |        | 16-C-74246-1406        | N16-C-13185    |                |                       | CCI |                            | CCI        | 127AA-T-302-3<br>revA       | TDD-3             |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-226

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SHEET 47-227

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO   | EQUIPMENT USED IN                 |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-------------------------------|-----------------------------------|
| -47963                | TRANSFORMER, IF: 3/30/45<br>peak freq 60 kc; interstage, 1st or 2nd IF transfr; cylindrical metal shield can; 4 1/4" h x 2 1/8" OD less term and mtg studs; air core; mts by three #6-32 thd x 7/16" lg studs spaced 120 deg apart on 13/16" rad; 4 solder lug term on base; potted, pri and secd ea 550 turns #7-41 Litz wire w/21 ohms DC resistance and 4.7 microhenries inductance, incl two 1000 mmf mica capacitors.   |                     |        | 17-T-67446-8598        | N16-T-6149-203 |                |                       | CBM | 955-3030 alt 1             |            |                               | QGA (2)                           |
| -47964                | TRANSFORMER, RF: 3/30/45<br>osc transfr; four wnd; unshielded, enol in a round bakelite can; pri #1 rated 4.7 millihenrys, 700 turns #28 ES wire w/11.5 ohms DC resistance, pri #2 rated 0.475 millihenrys, 175 turns #28 ES wire w/3.6 ohms DC resistance, secd #1 rated 0.640 millihenrys, 90 turns #28 ES wire w/2.2 ohms DC resistance, secd #2 rated 0.257 millihenrys, 90 turns #28 ES wire w/2.2 ohms DC resistance; 2 3/4" OD x 3 3/4" lg o/a excluding term; bakelite form, air core; form 3 1/2" lg x 13/16" OD; four 0.169" mtg holes on 1 1/2" x 2" mtg/c; six solder lug term; varnished; incl two 250 mmf, fixed capacitors. |                     |        | 17-T-82113-5817        | N16-T-6402-1   |                |                       | CBM | 960-3016                   | CBM        | 960-3016 alt0                 | QGA                               |
| -47965                | COIL, RF: 3/31/45<br>grid retardation coil; single wnd, single layer wnd; unshielded; c/o 70 turns #33E wire w/0.371 ohms DC resistance; 23/32" lg x 0.141" OD o/a excluding leads; phenol plastic form, air core; form 23/32" lg x 0.094" OD; mts by two radial wire lead term; treated w/coil dope.  |                     |        | 16-C-72666-3828        | N16-C-13504-2  |                | 30608                 |     |                            | CW<br>CW   | B0-12206-1<br>E80-697622 1ss4 | MX-8 Mod3 (2)<br>SS (4)<br>ST (2) |
| -47966                | COIL, RF: 4/4/45<br>choke; one wnd, single layer wnd; unshielded; rated 0.5 millihenrys at 1000 cye, 0.153 ohms DC resistance; c/o 17 turns #22 F wire; 5/8" lg x 3/16" OD o/a excluding leads; air core; mts by two axial wire lead term 1 1/2" lg; varnish impr.   |                     |        | 16-C-72229-6293        | N16-C-13160-3  |                |                       | CC  | K-447656                   | CC         | K-447656 rev0                 | SC-4(4)                           |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-227

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SHEET 47-228

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|----------------------------------|
| -47967                | COIL, RF: 4/4/45<br>choke; one wnd, universal wnd; unshielded; rated 10 millihenrys at 1000 cyc, 14.5 ohms DC resistance, c/o 620 turns #28 ES wire; 7/8" lg x 1 3/4" OD o/a excluding leads; air core; form 7/8" lg x 13/16" OD; mts by two wire lead term on coil; varnish impr.  |                     |        | 16-C-79089-2238        | N16-C-13160-4  |                |                       | CG   | K-273303-1                 | CG         | K-273303-1 rev1             | SC-14<br>SC-4<br>SK thru<br>SK-3 |
| -47968                | SUPPRESSOR, parasitic: 4/4/45<br>resistor and coil; 5/8" lg x 0.187" diam o/a excluding leads; 3 amp max current; coil rated 1.6 microhenrys, resistor rated 2.2 meg, 1/2w; uncased; mts by two axial wire lead term, one ea end of form; lacquer coated.   |                     |        | 16-S-89721-1006        | N16-N-492-250  |                | 321894-22             | CG   | K-273341-1                 | CG         | K-273341-1 rev4             | SC-2 (2)                         |
| -47969                | SUPPRESSOR, parasitic: 4/4/45<br>resistor and coil; 5/8" lg x 0.187" diam o/a excluding leads; 500 ma max current; coil rated 0.4 microhenrys, resistor rated 2.2 meg, 1/2w; uncased; mts by two axial wire lead term, one ea end of form; lacquer coated.  |                     |        | 16-S-89711-8105        | N16-N-493-24   |                |                       | CG   | K-273341-2                 | CG         | K-273341-2 rev4             | SC-2                             |
| -47970                | COIL ASSEMBLY, RF: 4/4/45<br>c/o three universal wnd coils wnd on a common coil form, term board, mtg bkt; ea coil rated 8 millihenrys, 0.5 amp, 87.5 to 300 kc, c/o 450 turns of #24 DCC wire w/6.1 ohms DC resistance; rectangular shape; 5 3/4" lg x 3" wd x 4 3/8" h o/a; two 0.196" diam mtg holes 5" c to c on mtg bkt; coils varnish impr, six screw type term on top. |                     |        | 16-C-77715-9081        | N16-C-13299-14 |                |                       | CRV  | M-418201-501               | CRV        | M-418201-501<br>sub3        | TBL-8                            |
| -47971                | COIL, RF: 4/4/45<br>RF choke; one wnd, single layer wnd; unshielded; rated 2.47 millihenrys at 115v, 60 amp, c/o 280 turns #20 CE wire w/1.3 ohms DC resistance; 2 7/8" diam x 11/16" lg o/a excluding leads; air core; mts by two wire lead term on side of coil.  |                     |        | 16-C-74617-6258        |                |                |                       | CBM  | 937-2                      | CBM        | 937-2 alt0                  | QCS-1(2)<br>QCT-1(2)             |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                                  |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-228

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SHEET 47-229

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                   |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------------------------|
| -47972                | COIL, RF: 4/4/45<br>pf correction coil; single wnd, layer wnd; rated 1.4 millihenrys, c/o 220 turns #60-38 Litz wire; 3/4" lg x 2 3/8" OD o/a excluding leads; air core; form 1 1/16" OD x 3/4" lg; mts by 1" diam hole through ctr of form; two wire lead term.  |                     |        | 16-C-74465-7215        |                |                |                       | CEM        | 1002-63                    | CEM        | 1002-63 alt0                | WFA                                 |
| -47973                | COIL, RF: 4/5/45<br>single wnd, single layer wnd; unshielded; rated 3.5 to 6 microhenrys, 15 mc, 0.001 amp, 1.9 ohms DC resistance; 1 3/4" lg x 1 5/16" wd x 2 19/32" h o/a incl term; bakelite form, air core; form 1.920" lg x 1/2" OD; two 0.154" diam mtg holes 1 5/16" c to c on base; six solder lug term on base, four are dummy term.   |                     |        | 16-C-72232-8539        |                |                |                       | GRV        | K-871824-501               | GRV        | K-871824-501 sub3           | SA(2)<br>SA-1(2)                    |
| -47974                | COIL, RF: 4/5/45<br>single wnd, single layer wnd; unshielded; rated 5.3 to 9.2 microhenrys, 15 mc, 0.003 amp, 2.3 ohms DC resistance; 1 3/4" lg x 1 5/16" wd x 2 19/32" h o/a incl term; bakelite form, air core; form 1.920" lg x 1/2" OD; two 0.154" diam mtg holes 1 5/16" c to c; six solder lug term on base, four are dummy term.   |                     |        | 16-C-72306-3736        |                |                |                       | GRV        | K-871824-502               | GRV        | K-871824-502 sub3           | SA                                  |
| -47975                | COIL, RF: 4/5/45<br>RF choke; one wnd, single layer wnd; unshielded; freq range 175 to 225 mc, 5 ohms DC resistance, c/o 26 turns #30 E wire; approx 1" lg x 5/16" OD o/a excluding leads; ceramic form; air core; mts by two wire lead term, one ea end of form; cement coated.  |                     |        | 16-C-72405-4640        |                |                |                       | CAKD       |                            | GRV        | K-883072-1 sub2             | SA-3(2)<br>SD-5(2)                  |
| -47976                | COIL, RF: 3/31/45<br>osc; single wnd; shielded in rectangular aluminum can; freq range 185 kc to 215 mc; 1 9/16" lg x 1 3/16" wd x 2 1/16" h o/a excluding leads and mtg studs; adj powdered iron core w/sldr adj through side of can; two spade bolts 1 1/16", c to c on bottom of can; three wire lead term; treated to withstand salt spray test; incl a 1000 ohm 1/2w resistor in series w/coil and in parallel w/two series connected 250 mmf; fixed capacitors. |                     |        | 16-C-76754-5386        |                |                | 28911-13/01           | COL<br>CFW | 278 3900 00<br>D3386       | COL        | 278 3900 00 rev4            | TCZ<br>TDH<br>TDH-2<br>TDH-3<br>TDO |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                             |                                     |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                             |                                     |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-229

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SHEET 47-230

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR              | MANUFACTURER'S PART NUMBER                                | CONTRACTOR | CONTRACTOR'S DWG OR PART NO      | EQUIPMENT USEG. IN  |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-------------------|---|------------|----------------------------------|---|
| -47977                | TRANSFORMER, IF: 4/3/45<br>peak freq 100 kc; unshielded; approx 3 1/8" lg x 1" wd x 1 3/8" h x 4 1/2" lg, o/s; polystyrene coil form, molded magnetite core ea end; fixed type; no integral mtg provisions provided; four wire lead term; pri and sec'd ea rated 6.468 millihenrys; 13.7 ohms DC resistance, wax impr.   |                     |        |                        |                |                |                       |                   |   | CRV<br>CRV | M-413246-501<br>K-850223-501sub3 | DP-12<br>DP-14 (2)<br>thru<br>DP-17 (2)<br>DP-18 (3)<br>DP-19 (3) |
| -47978                | TRANSFORMER ASSEMBLY: 4/4/45<br>Peak freq 400 kc; input IF transf; shielded; 1 7/8" wd x 1 3/8" h x 4 1/2" lg, o/s; polystyrene coil form, molded magnetite core ea end; tuned pri and sec'd; adj core tuned at ea end; mts by 2 spade bolts 1 11/32" c to c; 6 solder lug term, 2 flex wire leads on bottom; c/o pri, sec'd broad, sec'd med and sec'd sharp, 9 pie, DC resistance term E to A, 2.29 ohms, E to B, 12.49 ohms, E to C, 24.49 ohms, pri 2.21 ohms, sec'd 2.21 ohms sec'd broad 0.28 ohms, sec'd sharp 0.083 ohms, pri inductance 221.8 microhenries coil only no core, assem inductance term D to F, 326.54 microhenries, incl 2 Navy Type 48691-D5 Mica Capacitors, 2 Navy Type 63678-100 Resistor Wirewound, oil filled HS can, mp, case stamped "C310, C311, R301, R305, P-720561-0504", or "C312, C313, R302, R306, P-720561-0505" or "C314, C315, R303, R307, P-720561-0506". |                     |        | 17-T-67570-2327        | N16-T-7002-30  |                |                       | CRV<br>CRV<br>CRV | P-720561-0504<br>P-720561-0505<br>P-720561-0506<br>rev 15 |            | RBB-1<br>RBB-2<br>RBB-1<br>RBB-2 |   |
| -47979                | TRANSFORMER, IF: 4/5/45<br>CANCELLED: same as NT-47978.  |                     |        |                        |                |                |                       | CRV               |   | CRV        | P-720561-505<br>sub15            | RBB   |
| -47980                | TRANSFORMER, IF: 4/19/45<br>30 mc peak freq; fourth IF transf; unshielded; 1 5/8" lg x 3/4" wd x 1 1/2" h o/s; pri and sec'd tuned; two adj powdered iron core w/sec'd adj on bottom; two 0.147" diam mtg holes on 7/16" x 1 5/16" diagonal mtg/c; four solder lug term on top of steatite coil base; wax impr, pri and sec'd ea rated 12.5 microhenrys w/0.087 ohms DC resistance, 33,000 ohms R/m 10% across pri wnd.  |                     |        | 17-T-68248-6886        | N16-T-6010-50  |                |                       | CG                |   | CG         | K-273286-4                       | SC  |
| -47981                | TRANSFORMER, IF: 4/5/45<br>CANCELLED: same as NT-47978.  |                     |        |                        |                |                |                       | CRV               |   | CRV        | P-720561-506<br>sub15            | RBB   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-230

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SHEET 47-230.1

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | ESD STOCK NO | ASO STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                |
|-----------------------|---|---------------------|--------|------------------------|--------------|--------------|-----------------------|-----|----------------------------|------------|-----------------------------|----------------------------------|
| -47982                | TRANSFORMER ASSEMBLY:<br>4/5/45<br>peak freq 400 kc; diode transf; shielded; 1 7/8" wd x 1 3/8" h x 4 1/2" lg, o/s; polyethylene coil form, molded Magnetite core ea end; tuned pri and secd; adj core tuned at ea end; mts by 2 spade bolts 1 11/32" c to c; 6 solder lug term, 2 flex wire leads on bottom; c/o 2 separate pri wmd connected in series, connection of 2 wmd forming top of pri wmd, secd broad, secd med and secd sharp wmd, 9 pies, DC resistance term E to white lead 2.29 ohms, term E to B 12.49 ohms, term E to C 21.49 ohms DC resistance of pri 2.21 ohms, secd 2.21 ohms, broad 0.28 ohms, sharp 0.080 ohms, pri inductance 221.8 microhenries, coil only no core, inductance of assem term D to F 317.33 microhenries, incl 2 Navy Type 48691-05 Mica Capacitors, 2 Navy Type 6367B-100 Resistor Wirewound, oil filled HS can mp, case stamped C316, C317, R304, R308, P-720561G503; p/o IF/AF Unit. |                     |        | 17-T-67570-2329        | N16-T-6000   |              |                       | ORV |                            | CRV        | P-720561-503<br>rev 15      | RBB-1<br>RBB-2<br>RBC-1<br>RBC-2 |
| -47983                | TRANSFORMER, IR:<br>4/5/45<br>p/o BFO ckt; c/o 2 wmd connected in series, universal wmd, 4 pie, coil #1, 54 turns of 30 x 40 AWG Litz wire, 1 sect, coil #2, 3 sect of 44 turns 30 x 40 AWG Litz wire ea on bakelite form, 3 capacitors and 2 resistors, all in aluminum case; tuned to 401 kc p/m 5%, can be varied 1500 cyc either way by ext var capacitor, c/o 68000 ohms and 27000 ohms resistors, 50/100/500 muf capacitors and 320.05 microhenries inductance; rectangular case; 1 7/8" wd x 1 3/8" h x 4 1/2" lg, o/s; mtd by two #6-32 spade bolts on 1 5/16" mtg/o; ckt symbols stamped on case.  |                     |        | 16-0-66008-6761        | N16-T-6401   |              |                       | ORV | P-720561-502<br>rev 15     |            |                             | RBB<br>RBC                       |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-230.1

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SHEET 47-231

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO              | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|-----------------------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -47984                | TRANSFORMER, RF: 4/5/45<br>osc transf; single wnd tapped, single layer wnd; unshielded; rated 7.75 microhenrys, freq range 4 to 6.45 mc, c/o 28 1/2 turns #28 DC wire tapped at 7 3/4 and 17 3/4 turns w/0.405 ohms DC resistance; approx 4 1/8" lg x 1 3/4" wd x 1 3/8" h o/a; adj iron core w/scdr adj through end of form; two 3/16" diam mtg holes 1 3/8" c to c; four solder lug term on bottom; wax impr.  |                     |        | 16-C-76607-5663        | N16-T-6393                  |                |                       |     |                            | CRV        | M-420957-505 sub9           | RBC-2<br>RBB      |
| -47985                | COIL, RF: 4/5/45<br>osc coil; single wnd, single layer wnd; unshielded; rated 0.347" microhenrys, freq range 16.5 to 27.0 mc, c/o 3 1/2 turns #14 DC wire w/0.009 DC resistance; approx 4 1/8" lg x 1 3/4" wd x 1 3/8" h o/a; adj iron core w/scdr adj through end of form; two 3/16" diam mtg holes, 1 3/8" c to c; four solder lug term on bottom, two are dummy term wax impr.                                |                     |        | 16-C-76520-6399        | N16-T-7002-33<br>N16-T-6396 |                |                       |     |                            | CRV        | M-420957-508 sub9           | RBC-2<br>RBB      |
| -47986                | COIL, RF: 4/5/45<br>osc coil; single wnd, single layer wnd; unshielded; rated 1.035 microhenry, freq range 10.3 to 16.5 mc, c/o 9 1/2 turns #18 DC wire w/0.017 ohm DC resistance; approx 4 1/8" lg x 1 3/4" wd x 1 3/8" h o/a; adj iron core w/scdr adj through end of form; two 3/16" diam mtg holes, 1 3/8" c to c; four solder lug term on bottom two are dummy term wax impr.                               |                     |        | 16-C-76532-3586        | N16-T-6395                  |                |                       |     |                            | CRV        | M-420957-507 rev9           | RBC-2<br>RBB      |
| -47987                | TRANSFORMER, RF: 4/6/45<br>osc transf; single wnd tapped, single layer wnd; unshielded; rated 2.81 microhenrys, freq range 6.45 to 10.3 mc, c/o 15 1/2 turns #24 DC wire tapped at 3 3/4 and 8 3/4 turns w/0.06 ohms DC resistance; approx 4 1/8" lg x 1 3/4" wd x 1 3/8" h o/a; adj iron core w/scdr adj through end of form; two 3/16" diam mtg holes, 1 3/8" c to c; four solder lug term on bottom wax impr. |                     |        | 16-C-76565-8141        | N16-T-6394                  |                |                       |     |                            | CRV        | M-420957-506 sub9           | RBC-2<br>RBB      |
|                       |  |                     |        |                        |                             |                |                       |     |                            |            |                             |                   |

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NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-231

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SHEET 47-232

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O SFOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN           |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-----------------------------|
| 47988                 | TRANSFORMER, RF: 4/6/45<br>two wnd; unshielded; rated 8.43 microhenrys, freq range 4 to 6.5 mc, pri c/o 96 turns #30 DC wire with 2.33 ohms DC resistance, secd c/o 27 turns #24 DC wire w/0.14 ohms DC resistance; approx 4 1/8" h x 1 3/4" lg x 1 3/8" wd o/a; adj iron core w/scdr adj through end of form; two 3/16" diam mtg holes, 1 3/8" c to c; six solder lug term on bottom, two are dummy term wax impr.     |                     |        | 17-T-82189-1853        | N16-T-7031     |                |                       |      |                            | CRV        | M-420940-501<br>rev10       | RBC-2(2)<br>RBC-1(2)        |
| 47989                 | TRANSFORMER, RF: 4/6/45<br>two wnd; unshielded; rated 2.99 microhenrys, freq range 6.45 to 10.3 mc, pri c/o 110 turns #30 DC wire w/1.78 ohm DC resistance secd c/o 16 turns #24 DC wire w/0.072 ohm DC resistance; approx 4 1/8" h x 1 3/4" lg x 1 3/8" wd o/a; adj iron core w/scdr adj through end of form; two 3/16" diam mtg holes, 1 3/8" c to c; six solder lug term on bottom, two are dummy term wax impr.     |                     |        | 17-T-82196-5311        | N16-T-7032     |                |                       |      |                            | CRV        | M-420940-502<br>rev10       | RBC-2(2)<br>RBC-1(2)<br>RBB |
| 47990                 | TRANSFORMER, RF: 4/6/45<br>two wnd, unshielded; rated 1.114 microhenrys, freq range 10.3 to 16.5 mc, pri c/o 49 turns #30 EC wire w/0.80 ohms DC resistance, secd c/o 11 1/4 turns #26 EC wire w/0.012 ohm DC resistance; approx 4 1/8" h x 1 3/4" lg x 1 3/8" wd o/a; adj iron core w/scdr adj through end of form; two 3/16" diam mtg holes, 1 3/8" c to c; six solder lug term on bottom, two are dummy term.        |                     |        | 17-T-82207-3426        | N16-T-7033     |                |                       |      |                            | CRV        | M-420940-503<br>rev10       | RBC-2(2)<br>RBC-1(2)<br>RBB |
| 47991                 | TRANSFORMER, RF: 4/6/45<br>transf; two wnd; unshielded; rated 0.374 microhenrys, freq range 16.5 to 27 mc, pri c/o 21 turns #30 wire w/0.40 ohm DC resistance, secd c/o 4 3/4 turns #12 wire w/0.007 ohms DC resistance; approx 4 1/8" h x 1 3/4" lg x 1 3/8" wd o/a; adj iron core w/scdr adj through end of form; two 3/16" diam mtg holes 1 3/8" c to c; six solder lug term on bottom, two are dummy term wax impr. |                     |        | 17-T-82209-1719        | N16-T-7034     |                |                       |      |                            | CRV        | M-420940-504<br>rev10       | RBC-2(2)<br>RBC-1(2)<br>RBB |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                             |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                             |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFOR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO    | EQUIPMENT USED IN   |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|--------------------------------|---------------------|
| -47992                | TRANSFORMER, RF: 4/5/45<br>two wnd, secd wnd over pri w/acetate film tape between wnd; unshielded; rated 5.3 to 9.2 microhenrys, peak freq 15 mc, pri c/o 23 turns #28E wire w/2.5 ohms DC resistance, secd c/o 3.5 turns of #28E wire w/2.5 ohms DC resistance; approx 2.693" h x 1.75" lg x 1.312" wd o/a excluding term; bakelite form, air core; two 0.154" diam mtg holes 1 1/4" c to c on term board at base of form; six solder lug term, two are dummy term. |                     |        | 17-T-68130-1851        |                |                |                       | CRV  | 871822-501                 | CRV        | K-871822-501rev4               | SA (2)<br>BA-1 (2)  |
| -47993                | TRANSFORMER, RF: 4/5/45<br>two wnd, secd wnd over pri w/acetate film tape between wnd; unshielded; rated 0.2 microhenrys, peak freq 15 mc, pri c/o 31 turns #28E wire w/0.5 ohms DC resistance, secd c/o 21 turns #28E wire; approx 2.693" h x 1.75" lg x 1.312" wd o/a excluding term; bakelite form, air core; two 0.154" diam mtg holes 1 1/4" c to c on term board at base of form; six solder lug term, two are dummy term.                                     |                     |        | 17-T-68130-1861        |                |                |                       | CRV  | 871869-501                 | CRV<br>CRV | K-871869-4<br>K-871869-501rev2 | SA (2)              |
| -47994                | TRANSFORMER, RF: 4/6/45<br>output transf; two wnd; shielded in rectangular metal can; pri rated 7.8 millihenrys at 1,275v, 1,000 cyc, c/o 100 turns #28E wire w/1.41 ohms DC resistance, secd rated 500 millihenrys at 1,275v, 1,000 cyc, c/o 800 turns #38E wire w/143 ohms DC resistance; 2 13/32" lg x 2 1/32" wd x 2 13/16" h o/a incl term; iron core; four 0.180" diam mtg holes on 2" x 1 1/2" mtg/c on base; four screw type term on top of can.             |                     |        | 17-T-81245-5206        | H16-T-7199-110 |                |                       | CRP  | U-8829                     | CEM        | 1000A-192 alt2                 | WFA<br>TCZ<br>TCZ-1 |

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NAVSHIPS 900.109(A)  
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SHEET 47-234

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN   |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|---|
| -47995                | TRANSFORMER, RF: 4/6/45<br>osc transf; two wnd; shielded in rectangular metal can; pri rated 0.74 millihenrys p/m 10% at 1,000 cyc c/o 220 turns #7-41 wire w/8 ohms DC resistance, secd rated 40 millihenrys p/m 10% at 1,000 cyc c/o 500 turns #7-41 wire w/18.5 ohms DC resistance; 1 15/16" lg x 1 1/2" wd x 4" h o/a excluding leads and mtg bolts; adj powdered iron core w/secr adj through top of can; mts by two #6-32 thd x 3/8" lg space bolts 2" c to c on bottom of can; four color coded wire lead term.   |                     |        | 17-T-81592-3535        |                |                |                       | CBM  | 1013-3017                  | CBM        | 1013-3017 alt3              | WFA (2)   |
| -47996                | TRANSFORMER, RF: 4/6/45<br>input transf; three wnd, shielded in BS rectangular timed copper can; wnd red to red white rated 200 ohms impedance, c/o 200 turns #36ES wire w/14 ohms DC resistance, wnd blue to blue white, rated 8400 ohms impedance, c/o 600 turns #36ES wire w/50 ohms DC resistance, wnd green to green white rated 1800 ohms impedance c/o 1300 turns #36ES wire w/140 ohms DC resistance, impedance measured at 1800 cyc; 2 17/32" lg x 1 11/16" wd x 3 15/32" h o/a excluding leads and mtg studs; air core; two #8-32 thd x 17/32" h mtg studs 1 3/4" c to c on bottom of can; six color coded wire lead term.<br>NOTE: QCR-2; QCS-1; QCT-1; WAA; WAB; WBA; WDA-1; WDB; QCR-3. |                     |        | 17-T-81371-1201        | N16-T-5912     |                |                       | CW   | D-99932                    | CBM<br>CBM | 755-195<br>1000A-64 alt1    | WFA<br>JK-2B<br>JK-9<br>JKA-5<br>JKA-5a<br>QCC<br>QCD<br>QCH-4<br>QCJ-9<br>QCL-8<br>QCM-4<br>QCN-4<br>QCO-3<br>SEE NOTE |
| -47997                | TRANSFORMER, RF: 4/6/45<br>input transf; three wnd; shielded; wnd red to red white rated 0.9 to 1 millihenry, c/o 210 turns #36ES wire w/23 ohms DC resistance, wnd green to green white rated 17.6 to 18.4 millihenrys, c/o 1,000 turns #36 ES wire w/110 ohms DC resistance wnd blue to blue white rated 8.5 to 9.5 millihenrys, c/o 630 turns #36ES wire w/75 ohms DC resistance, 500 vac between wnd; 2 17/32" lg x 1 11/16" wd x 3 15/32" h o/a excluding leads and mtg studs; two #8-32 thd x 17/32" h mtg studs 1 3/4" c to c on bottom of can; six color coded wire lead term.   |                     |        | 17-T-81222-2573        | N16-T-5901-510 |                |                       | CW   | D-170117                   | CBM        | 1000A-143 alt0              | WFA   |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -47998                | TRANSFORMER, RF: 4/6/45<br>osc transf; four wnd; shielded in rectangular metal can; two pri w/freq range 59 kc to 65 kc ea wnd c/o 350 turns #31 wire w/20 ohms DC resistance, secd rated 18.58 millihenrys, freq range 59.9 to 61 kc, c/o 1,100 turns #3-40 Litz wire w/85 ohms DC resistance, ter c/o 855 turns #3-40 Litz wire w/70 to 75 ohms DC resistance; 3 7/16" lg x 2 13/16" wd x 4 1/2" h o/a excluding leads; paper bakelite form, air core; variable air capacitor tuning w/two scdr adj through end of can; mtg bkt w/six #6-32 thd mtg holes on 1 3/8" x 2 3/4" x 2 3/8" c to c; seven color coded wire lead term; incl four fixed capacitors, two var. air capacitors. |                     |        | 17-T-81749-4613        |                |                |                       | CBM  | 999-3001                   | CBM        | 999-3001-alt2               | WFA               |
| -47999                | TRANSFORMER, RF: 4/6/45<br>interstage transf; four wnd; unshielded; pri rated 82.5 p/m 2.5 millihenrys, c/o 2,320 turns #32ES wire w/335 ohms DC resistance, secd #1 rated 50 p/m 5 millihenrys, c/o 850 turns #3-40 Litz wire w/12.5 ohms DC resistance, secd #2 rated 170 p/m 10 millihenrys, c/o 1,250 turns #3-40 Litz wire w/105 ohms DC resistance, secd #3 rated 82.5 p/m 2.5 millihenrys, c/o 2,320 turns #32ES wire w/335 ohms DC resistance; 1,000v RMS test; 3" lg x 1 9/16" OD o/a incl term; air core, bakelite tube form; mts by one #6-32 thd mtg stud; five solder lug term, three at one end and two at other end.  |                     |        | 17-T-82125-9001        |                |                |                       | CBM  | 1002-3004                  | CBM        | 1002-3004 alt0              | WFA               |
| -471000               | TRANSFORMER, RF: 4/7/45<br>osc transf; two wnd, two pie wnd; shielded in cylindrical metal can; rated 25 millihenrys p/m 5%, 15 mA, 80 kc, c/o 1385 turns ES wire, 160 ohms DC resistance; 2 1/8" OD x 4 3/8" lg o/a excluding term and mtg studs; adj air capacitor w/scdr adj end of can; mts by three #6-32 thd studs spaced 120 deg apart on 7/8" rad; five solder lug term on bottom of can; incl two capacitors, one NT-48895, the other NT-48893, and one resistor NT-63288-104.  |                     |        | 17-T-81631-5856        | N16-T-18599-68 |                |                       | CBM  | 1008-3001                  | CBM        | 1008-3001 alt1              | WFA               |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

**RESTRICTED**

SHEET 47-236

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER   | CONTRACTOR | CONTRACTOR'S DWG OR PART NO   | EQUIPMENT USED IN     |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|------------------------------|------------|-------------------------------|-----------------------|
| -471001               | TRANSFORMER, RF: 4/7/45<br>ant trans; four wnd, seven pie wnd; unshielded; wnd #1 has 177 turns #30 ES wire, 4.54 ohms DC resistance, wnd #2 has 6 turns #30 ES wire, 0.11 ohms DC resistance, wnd #3 has 57 turns #44 ES wire, 3.27 ohms DC resistance, wnd #4 has 57 turns #44 ES wire, 3.27 ohms DC resistance, freq range 0.5 to 0.84 mc; 1 7/8" lg x 1 3/8" wd x 4 1/2" h, o/a; comp core, polystyrene form; 2 adj iron cores; scdr adj ea end; mts by two 3/16" mtg holes on 1 7/8" mtg/c in term board; 6 solder lug term one end, 2 solder lug term other end; impr. |                     |        | 17-T-82437-8733        | N16-T-3880     |                |                       | GRV<br>GRV | P-720559-501<br>P-721071-501 | GRV<br>GRV | P-720559-501<br>P-721071-501  | REB-2<br>REB-1<br>RBC |
| -471002               | TRANSFORMER: 4/7/45<br>tuner for 67 kc signal; 1 wnd, single pie; cylindrical metal shield can; coil 25 millihenries w/ 1385 turns of #29 wire; 2 1/8" OD x 2 15/16" lg excluding term and mtg studs; tuned by built-in var air and one mica capacitor; scdr adj through top of can; three #6 screw mtg studs 7/16" lg spaced 120 deg on 7/8" rad; 3 solder lug term on bottom; unit c/o 1 coil, 2 capacitors, 1 resistor; p/o Navy type 46260 Receiver-Amplifier.   |                     |        | 16-C-76788-5611        |                |                |                       | CEM        | 1008-3000<br>alt 1           |            |                               | WFA-A                 |
| -471003               | TRANSFORMER, RF: 4/9/45<br>osc trans; two wnd, two pie wnd; unshielded; wnd #1 has 317 turns #60-38 Litz wire, tapped at 227 turns, wnd #2 has 310 turns #60-38 Litz wire, tapped at 220 turns, both wnd have 3.1 to 3.3 ohms DC resistance, rated 9.1 millihenries; 2 1/2" OD x 2 13/16" lg o/a; air core, bakelite form; mts by tapped mtg holes in ctr of core; six wire lead term.   |                     |        | 17-T-82122-1907        | N16-T-7199-66  |                |                       | CEM        | 769-3050                     | CEM<br>CEM | 769-3050 alt1<br>769-646 alt0 | WFA<br>WFA-2          |
| -471004               | TRANSFORMER OUTPUT: 4/9/45<br>output trans; 2 wnd, 4 pie pri, 3 pie secd, unshielded; pri 163 millihenries, secd 1.023 millihenries, 1.47 amp, 128 kc, 210v, 370v, pri 4 pie wnd ea w/570 turns #21-38 S Litz wire, w/13 ohm DC resistance, secd 3 pie wnd ea w/55 turns #182-38 Litz wire w/0.4 ohm DC resistance, total pri 2280 turns, total secd 165 turns; 4 1/2" OD x 5 3/16" lg o/a; air core, bakelite form; mts by bakelite base plate; 3 solder lug term on top, 4 solder lug term on base; varnish impr.  |                     |        | 17-T-81975-3395        |                |                |                       | CEM        | 769-3037                     | CEM<br>CEM | 769-3037 alt 0<br>769-638     | WFA<br>WFA-2          |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG. OR SPEC. NO. | JAN. NO. | STANDARD NAVY STOCK NO. | E. S. C. STOCK NO. | A. S. C. STOCK NO. | SIGNAL CORPS STOCK NO. | MFGR.      | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S ORG. OR DEPT. NO. | EQUIPMENT USED IN |
|-----------------------|---|------------------------|----------|-------------------------|--------------------|--------------------|------------------------|------------|----------------------------|------------|--------------------------------|-------------------|
| -471005               | COIL, RF: 4/12/45<br>RF choke; single universal wnd; unshielded; rated 37 microhenrys, c/o 78 turns #36 ES wire; 7/16" lg x approx 7/16" diam o/a; dummy resistor form, air core; form 7/16" lg x approx 7/32" OD; mts by two axial wire lead term, one ea end 1 1/4" lg.   |                        |          | 16-C-73470-4574         |                    |                    |                        | CFM        | 13941                      | CRP        |                                | VF<br>IXes-31388  |
| -471006               | COIL, RF: 4/12/45<br>CANCELLED: same as NF-471545.  |                        |          | 16-C-73331-7283         |                    |                    |                        | OML<br>COL | GB-416A<br>572 0416 10     | CRP        | SA-1426AX-C                    | TCS-15            |
| -471007               | COIL, RF: 4/12/45<br>RF choke; one wnd, four pie wnd; unshielded; rated 0.5 millihenrys, DC resistance 16 ohms, c/o 112 turns ea pie #36 ES wire; 1 3/4" lg x 3/8" OD o/a; air core; mtd by two cotter pin type term, one ea end of form.   |                        |          | 16-C-74162-8369         |                    |                    |                        | CARZ       | Z-1372                     | CRP        |                                | BT(4)             |
| -471008               | COIL, RF: 4/6/45<br>RF inductor coil; one wnd, single layer wnd; unshielded; c/o 60 turns #21 ES wire, 10 microhenrys, 30 mc; 1 1/2" lg x 9/16" OD o/a; bakelite form, air core; form 3/4" lg x 9/16" diam; mts by hole in form; two solder lug term on top of form.  |                        |          | 16-C-73098-1739         | N16-RC-17832       |                    |                        | CRP        | 51-5116-1                  | CRP        | DLG-51-5116 sub2               | SG(2)             |
| -471009               | COIL, RF: 4/6/45<br>RF choke; one wnd, single layer wnd; unshielded; rated 37 microhenrys, DC resistance 2.53 ohms, 0.025 amp max, c/o 78 turns #36 ES wire; 7/16" lg x 5/16" diam o/a; phenolic form, air core; form 7/16" lg x 7/32" OD; mts by two axial wire lead term; tropicalized; color coded, orange, violet, black, gold dots.  |                        |          | 16-C-73470-2081         |                    |                    |                        | CRP        | 92-5304                    | CRP        | 92-5304                        | VF                |
| -471010               | COIL, RF: 4/6/45<br>video grid choke; single wnd, three pie wnd; unshielded; rated 2.2 millihenrys at 1000 c/o, 8.02 ohms DC resistance, ea pie o/o 165 turns #29 ES wire; 2 1/8" lg x 0.910" OD o/a; air core, textolite form; form 1/2" diam x 1 7/8" lg; mts by two spade bolts 1/2" o to e; two solder lug term on mtg end; wax impr. |                        |          | 16-C-74596-1632         | N16-C-13160-44     |                    | 30324-134              |            |                            | CRP        | X-271367-1 ray5                | SG<br>SX<br>VF    |

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SHEET 47-238

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO          | EQUIPMENT USED IN           |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|--------------------------------------|-----------------------------|
| -471011               | SUPPRESSOR, parasitic: 4/7/45<br>resistor and coil type; body 1 1/4" lg x 9/16" OD;<br>c/o 130 turns #34 E wire closewound, resistor 1w,<br>25000 ohms p/m 10%; uncased; mts by two axial lead<br>term; varnished; u/w Navy Model 46AAC Radio Receiver.  |                     |        | 16-B-89972-3667        | N16-N-493-31   |                |                       | OW   | ESR-678359-7               | OW<br>OW   | ESO-678359-7<br>ESR-678359-7<br>1ea9 | ME-4 Mod1<br>(2)<br>MK-3(2) |
| -471012               | COIL, RF: 4/7/45<br>RF choke; single wnd; unshielded; rated 20.1 micro-<br>henrys p/m 2% at 5000 kc, c/o 84 turns #31 DS wire,<br>1.2 ohms DC resistance; 2 1/4" lg x 3/8" diam o/a<br>excluding term; air core; mts by two solder lug term;<br>impr.  |                     |        | 16-C-73307-2426        |                |                |                       | CFW  | 1230                       | CAX        | 7407375-4 rev2                       | TBY thru<br>TBY-2           |
| -471013               | COIL, RF: 4/7/45<br>RF choke; single wnd, four pie wnd; unshielded; rated<br>2.1 millihenrys, 37 ohms DC resistance, ea pie c/o<br>215 turns #36 ES wire; approx 1 1/2" lg x 1/2" diam<br>o/a; isolantite form, air core; form 1 3/8" lg x<br>1/4" diam; mts by two radial load term; lacquered.   |                     |        | 16-C-74578-8403        | N16-C-13166-5  |                |                       | CFW  | 9741                       | CC<br>CFW  | 9741 revA                            | SP-1M(3)                    |
| -471014               | TRANSFORMER, RF: 4/12/45<br>osc transf; single wnd; unshielded; rated 190 milli-<br>henrys, tapped at 30.5 millihenrys, 143 ohms DC<br>resistance, c/o 2450 turns #32 E wire tapped at 950<br>turns; 1 15/16" OD x 2 15/32" lg o/a; powdered iron<br>core; form 3/4" lg x 5/8" diam; mts by 5/32"-32 thd<br>x 9/16" lg bolt on bottom; three solder lug term on<br>top; assembled w/two capacitors not included. |                     |        | 16-C-75641-9295        |                |                |                       | CFW  | 12867                      | CCJ        |                                      | OAX(2)                      |
| -471015               | COIL, RF: 4/13/45<br>video compensation coil; single wnd, three pie; un-<br>shielded; rated 125 microhenrys, three pie each c/o<br>66 turns #34ES wire; body 3/4" lg x 13/32" OD; air<br>core, dummy resistor form 3/4" lg x 7/32" diam; mts<br>by two axial lead term; wax impr, fungusproof.   |                     |        | 16-C-73837-4376        |                |                |                       | CZO  |                            | CAPQ       | B-186-2047 alto                      | RDJ                         |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                                      |                             |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                                      |                             |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                                      |                             |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-238

**RESTRICTED**

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN  |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|--|
| -471016               | TRANSFORMER, pulse: 2/1/45<br>interstage pulse transf; pri rated 1000v, 6.2 ohms DC resistance, 2500v RMS ins test, secd #1/#2 rated 1000v/500v, 11.5/1.4 ohms DC resistance, 2500v/2500v RMS ins test; pri c/o two coils in parallel w/140 turns ea of #36E wire, secd #1/#2 c/o 140/70 turns #36E/#30E wire; rectangular case; 2 1/4" lg x 1 7/8" wd x 2 11/32" h excluding bkts and term; two mtg bkts ea w/0.156" diam holes on 2 23/32" x 1" mtg/c; six solder lug term on stand-off ins.  |                     |        |                        | N16-T-7001-2   |                |                       | CG  | 8005                       | CBM<br>CBM | 975-8<br>1000A-31 alt0      | SU<br>SU-1(2)  |
| -471017               | TRANSFORMER, IF: 4/14/45<br>interstage; unshielded; 4 7/32" lg x 1 5/8" diam o/s; a1 core; three wnd, inductance first wnd 15.23 microhenrys at 1 kc, 30 ohms DC resistance p/m 10%, 845 turns #31 SE wire, second and third wnd ea 91.25 microhenrys at 1 kc, 225 ohms DC resistance p/m 10%, 2022 turns #3X40 Litz wire; mts by coil form; six wire lead term; coated w/collodian.<br>NOTE: WBA; WDA; WDA-1.  |                     |        | 17-T-81922-7899        | N16-T-5979     |                |                       | CBM | 574-3016                   | CBM<br>CBM | 574-3016 alt1<br>568F-SH24  | WAC<br>NM-13<br>NM-13a<br>NM-14 thru<br>NM-16<br>NMA<br>NMB-2<br>NMC-1<br>SEE NOTE |
| -471018               | TRANSFORMER, IF ASSEMBLY: 4/17/45<br>peak freq 5.3 mc; 4th IF stage; shielded; 3.167" h x 1.375" sq; 2 adj magnetite iron cores; tuned pri and secd; adj iron core tuning; mtd by two #6-32 thd stud bolts on bottom 1 9/32" c to c; 6 solder lug term on bottom, 1 not used, 4 solder lug term on top; mfr number stenciled on side of can, pri wnd 12.2 microhenrys, 39 1/2 turns #33 E wire, 1.21 ohms DC resistance, secd wnd 12.4 microhenrys, 40 turns #33 E wire, 1.21 ohms DC resistance; p/o Navy Type 46068-B Radio Receiver. |                     |        | 17-T-67882-4052        | N16-T-6058-4   |                |                       | CRV | P-720166-503<br>rev 15     |            |                             | TBS-8  |
| -471019               | TRANSFORMER, IF: 4/17/45<br>peak freq 5.3 mc; AVC IF transf; shielded; 3 11/64" h x 1 3/8" wd x 1 3/8" lg; 2 adj magnetite iron cores; tuned pri and secd; adj iron core tuning; mtd by two #6-32 thd studs; 6 solder lug term on bottom, 1 not used, 3 solder lug term on top; assem c/o 2 resistors 1 condenser pri wnd 44.98 microhenrys, 61 turns #35 E wire, 2.3 ohms DC resistance, secd 62.17 microhenrys, 75 turns #35 E wire, 2.3 ohms DC resistance.  |                     |        | 17-T-67882-4092        | N16-T-6271-6   |                |                       | CRV | P-720166-504<br>sub 15     |            |                             | TBS-8  |

NAVSHIPS 900,109(A)  
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SHEET 47-240

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGN           | MANUFACTURER'S PART NUMBER             | CONTRACTOR            | CONTRACTOR'S DWG OR PART NO   | EQUIPMENT USED IN  |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|----------------|--|-----------------------|---|--|
| -471020               | TRANSFORMER, pulse: 2/1/45<br>pulse transf; pri rated 400v, o/o two coils in series, ea 140 turns #36 E wire, 24.5 ohms DC resistance, secd rated 400v, c/o two coils in series ea 140 turns #36 E wire, 23.0 ohms DC resistance, ea wnd 2500v RMS ins test; rectangular metal case; 2 1/4" lg x 1 7/8" wd x 2 11/32" h excluding term and mtg bkt; two mtg bkt, ea w/two 0.156" diam hole on 2 23/32" x 1" mtg/o; four solder lug term on stand-off ins.  |                     |        |                        | N16-RT-77774   |                |                       | CG             | BOGLO                                  | CBM<br>CBM            | 975-7<br>1000A-30 altD  | SU<br>SU-1   |
| -471021               | COIL, RF: 4/20/45<br>RF choke; five sect, universal wnd; unshielded; rated 17.5 millihenrys p/m 10%, ea sect c/o 250 turns #26DS copper wire w/total resistance of 22 ohms; 3 9/16" h x 4 5/16" lg x 2" OD; ceramic form, air core; form 4" lg x 3/4" OD; two mtg bkts, ea w/two holes, on 3 1/4" x 1 1/2" mtg/c; two soldering term on ends of form; Glyptal treated.   |                     |        | 16-C-75266-4571        | N16-C-13299    |                |                       | CG             | ML-7461881-1                           | CG<br>CG              | ML-7461881-3<br>M-7461881-1 rev9                                      | TAJ-9 (3)  |
| -471022               | COIL, RF: 4/20/45<br>RF choke; five identical pie wnd; unshielded; rated 16.5 millihenrys p/m 10%, c/o 250 turns #26AWG wire ea sect, 22 ohms max resistance; 3 9/16" h x 4 5/16" lg x 2" OD; ceramic form, air core; form 4" lg x 3/4" OD; two mtg bkt ea w/two holes on 3 1/4" x 1 1/2" mtg/c; two soldering term on ends of form; Glyptal treated.  |                     |        | 16-C-75251-8612        | N16-T-6117     |                |                       | CG<br>CW<br>CG | ML-7464885-1<br>D-99930<br>M-7464885-1 | CG<br>CG<br>CBM<br>CG | ML-7464885-2<br>ML-7464885-1rev3<br>1000A-44 alt1<br>M-7464885-1 rev3 | TAJ-10 (3)<br>TAJ-11 (3)<br>TAJ-13 (3)<br>thru<br>TAJ-19 (3)<br>WBA (2)  |
| -471023               | TRANSFORMER, IF: 4/20/45<br>IF interstage coil; 3 wnd, IF interstage coil; rectangular HS can; pri and secd #1 rated 3.27 to 3.37 millihenrys, 420 turns #7 x #40 double E, S, Litz wire, 20 ohms DC resistance, secd #2 rated 3.26 millihenrys to 3.37 millihenrys, 420 turns #7 x #40 S, E, Litz wire 43 ohms DC resistance w/resistor incl; case dimen 3 13/32" lg x 2 9/16" wd x 3 15/32" h less term and mtg studs; four #8-32 thd x 7/16" h studs on 2 1/4" x 1 3/4" mtg/c; 5 wire lead term 24" lg min; leads color coded; shield coated w/iron oxide.<br>NOTE: QCL-8 (2); QCN-4 (2); QCS (2); QCT (2); WAA (2); WAB (2); WDA; WEB (2). |                     |        | 17-T-81606-8955        | N16-T-6117     |                |                       | CW             | D-99930                                | CBM<br>CBM            | 755-190<br>1000A-44 alt 1   | WAC<br>JK-5<br>JK-8<br>JKA (2)<br>thru<br>JKA-3 (2)<br>QCC<br>QCH-2 (2)<br>QCH-4 (2)<br>QCJ-5 (2)<br>QCJ-6 (2)<br>SEE NOTE |

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

SHEET 47-240

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SHEET 47-241

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFAC URER'S PART NUMBER | CONTRACTOR   | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN     |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|--------------|-----------------------------|-----------------------|
| -471024               | TRANSFORMER, RF: 4/6/45<br>second RF transf; two wnd, layer wnd; unshielded; rated 0.327 microhenrys, pri 16.5 to 27.0 mc, o/o 27 turns #30 wire, 0.53 ohms DC resistance, secd 16.5 to 27.0 mc, 4 1/2 turns #12 wire, 0.006 ohms DC resistance; 3 9/16" h x 1 3/4" lg x 1 3/8" wd o/a; polystyrene form 2 7/8" lg x 9/16" diam; adj iron core; scdr adj end of case; mts by two 3/16" holes, 1 3/8" c to c; four solder lug term, bottom end.  |                     |        | 17-T-82209-1721        | N16-T-7035     |                |                       |     |                            | CRV          | M-420940-505<br>rev10       | RBC-2<br>RBC-1<br>RBB |
| -471025               | TRANSFORMER, RF: 4/6/45<br>ant transf; three wnd, single layer wnd; unshielded; wnd #1 has 4 turns #30EC wire, 0.088 ohms DC resistance, wnd #2 has 2 turns #30EC wire, 0.059 ohms DC resistance, wnd #3 has 10 3/4 turns #14EC wire, 0.012 ohms DC resistance, term #C to #D 1.029 microhenrys, term #A to #F 1.115 microhenrys, freq range 10.3 to 16.5 mc; 6" h x 1 7/8" lg x 1 5/16" wd o/a; phenolic form 4 1/2" lg x 5/8" diam; two adj iron cores v/scdr adj ea end; mts by two 3/16" diam mtg holes 1 3/8" c to c in term board; four solder lug term on ea end v/two only used on one end; varnish impr.                       |                     |        | 17-T-82436-6937        | N16-T-7106-13  |                |                       |     | CRV                        | P-720560-503 | P-720560-503rev9            | RBC-2<br>RBC-1<br>RBB |
| -471026               | TRANSFORMER, RF: 4/6/45<br>ant transf; four wnd, layer wnd; unshielded; freq range 4.0 to 6.45 mc, wnd #1 has 7 turns #30DC wire, 0.14 ohms DC resistance, wnd #2 has 3 turns #30DC wire, 0.078 ohms DC resistance, wnd #3 has 27 turns #24DC wire, 0.13 ohms DC resistance, wnd #4 has 26 turns #24DC wire, 0.13 ohms DC resistance, term #C to #D rated 7.88 microhenrys, term #A to #F rated 7.96 microhenrys; 6" h x 1 7/8" lg x 1 5/16" wd o/a; phenolic form 4 1/2" lg x 5/8" diam; two adj iron cores v/scdr adj ea end; mts by two 3/16" diam mtg holes 1 3/8" c to c in term board; four solder lug term ea end; varnish impr. |                     |        | 17-T-82189-3153        | N16-T-3876     |                |                       |     | CRV                        | P-720560-501 | P-720560-501rev9            | RBC-2<br>RBC-1<br>RBB |
|                       |   |                     |        |                        |                |                |                       |     |                            |              |                             |                       |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-241

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SHEET 47-242

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER   | CONTRACTOR | CONTRACTOR'S DWG OR PART NO      | EQUIPMENT USED IN             |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|------------------------------|------------|----------------------------------|-------------------------------|
| -471027               | TRANSFORMER, RF: 4/6/45<br>ant transf; three wnd, layer wnd; unshielded; freq range 6.45 to 10.3 mc, wnd #1 has 4 turns #30 wire, 0.086 ohms DC resistance, wnd #2 has 16 turns #24DC wire, 0.071 ohms DC resistance, wnd #3 has 2 turns #30 wire, 0.061 ohms DC resistance, term #C to #D rated 1.118 microhenrys, term #A to #F rated 1.15 microhenrys; 6" h x 1 7/8" lg x 1 5/16" wd o/a; phenolic form; 4 1/2" lg x 5/8" diam; two adj iron core w/secdr adj ea end; mts by two 3/16" diam mtg holes 1 3/8" c to c in term board; four solder lug term on ea end, two solder lug term only used on one end; varnish impr.                            |                     |        | 17-T-82196-5351        | N16-T-3877     |                |                       | CRV        | P-720560-502                 | CRV        | P-720560-502rev9                 | RBC-2<br>RBC-1<br>RBB         |
| -471028               | TRANSFORMER, RF: 4/6/45<br>ant transf; four wnd, layer wnd; unshielded; freq range 16.5 to 27.0 mc, c/o wnd #1 has 1 3/4 turns #30 wire, 0.050 ohms DC resistance, wnd #2 has 2 1/2 turns #30 wire, 0.062 ohms DC resistance, wnd #3 has 5 1/4 turns #32DC wire, 0.007 ohms DC resistance, wnd #4 has 4 3/4 turns #32DC wire, 0.007 ohms DC resistance, term #C to #D rated 0.35 microhenrys, term #A to #F rated 0.398 microhenrys; 6" h x 1 7/8" lg x 1 5/16" wd o/a; phenolic form 4 1/2" lg x 5/8" wd; two adj iron core w/secdr adj ea end; mts by two 3/16" diam mtg holes 1 3/8" c to c in term board; four solder lug term ea end; varnish impr. |                     |        | 17-T-82209-1876        | N16-T-3879     |                |                       | CRV        | P-720560-504                 | CRV        | P-720560-504rev9                 | RBC-2<br>RBC-1<br>RBB         |
| -471029               | TRANSFORMER, RF: 4/6/45<br>RF transf; two wnd; unshielded; freq range 2.37 to 4.0 mc, wnd #1 has 20 turns #30ES wire, 0.31 ohms DC resistance, wnd #2 has 40 turns #40ES wire, 0.51 ohms DC resistance, term #A to #F rated 26.0 microhenrys; 4" h x 1 13/16" lg x 1 3/8" wd o/a; phenolic form; adj iron core w/secdr adj on end; two 3/16" diam mtg holes 1 3/8" c to c in term board; four solder lug term on one end; varnish impr.  |                     |        | 17-T-82442-1173        | N16-T-7039     |                |                       | CRV<br>CRV | M-420939-504<br>P-421840-504 | CRV<br>CRV | M-420939-504rev8<br>P-421840-504 | RBB-2 (2)<br>RBB-1 (2)<br>RBC |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-242

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SHEET 47-243

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A R O STOCK NO | SIGNAL CORPS STOCK NO | MFG        | MANUFACTURER'S PART NUMBER   | CONTRACTOR | CONTRACTOR'S DWG OR PART NO           | EQUIPMENT USED IN             |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|------------------------------|------------|---------------------------------------|-------------------------------|
| -471030               | TRANSFORMER, RF: 4/6/45<br>RF transf; two wnd; unshielded; freq range 1.41 to 2.37 mc, wnd #1 has 20 turns #30ES wire, 0.31 ohms DC resistance, wnd #2 has 70 turns #44ES wire, 0.91 ohms DC resistance, term #A to #F rated 71.9 microhenrys; 4" h x 1 13/16" lg x 1 3/8" wd o/s; phenolic form; adj iron core w/scrdr adj on end; two 3/16" diam mtg holes 1 3/8" c to c in term board; four solder lug term on one end; varnish impr.  |                     |        | 17-T-82442-1175        | N16-T-7038     |                |                       | CRV<br>CRV | M-420939-503<br>P-421840-503 | CRV<br>CRV | M-420939-503rev8<br>P-421840-503      | RBB-2 (2)<br>RBB-1 (2)<br>RBC |
| -471031               | TRANSFORMER, RF: 4/6/45<br>RF transf; two wnd, layer wnd and three pie wnd; unshielded; freq range 0.84 to 1.41 mc, wnd #1 has 0.32 ohms DC resistance, 20 turns #30ES wire, wnd #2 has 1.53 ohms DC resistance and 33 turns #44ES wire per sect, rated 204 microhenrys; 4" h x 1 13/16" lg x 1 3/8" wd o/s; phenolic form; adj iron core w/scrdr adj one end; mts by two 3/16" diam mtg holes 1 3/8" c to c in term board; four solder lug term on one end; varnish impr.          |                     |        | 17-T-82442-1177        | N16-T-7037     |                |                       | CRV<br>CRV | M-420939-502<br>P-421840-502 | CRV<br>CRV | M-420939-502rev8<br>P-421840-502      | RBB-2 (2)<br>RBB-1 (2)<br>RBC |
| -471032               | TRANSFORMER, RF: 4/6/45<br>RF transf; two wnd, layer wnd and three pie wnd; unshielded; freq range 0.5 to 0.84 mc, wnd #1 has 20 turns #30ES wire, 0.32 ohms DC resistance, wnd #2 has three sect w/57 turns #44ES wire, 3.03 ohms DC resistance per sect, rated 593 microhenrys; 4" lg x 1 13/16" h x 1 3/8" wd o/s; phenolic form; adj iron core w/scrdr adj one end; mts by two 3/16" diam mtg holes 1 3/8" c to c in term board; four solder lug term on one end; varnish impr. |                     |        | 17-T-82442-1179        | N16-T-7036     |                |                       | CRV<br>CRV | M-420939-501<br>P-421840-501 | CRV<br>CRV | M-420939-501rev8<br>P-421840-501      | RBB-2 (2)<br>RBB-1 (2)<br>RBC |
| -471033               | TRANSFORMER, RF: 4/6/45<br>RF transf; two wnd, four pie universal wnd; unshielded; freq range 0.5 to 0.84 mc, rated 267 microhenrys, wnd #1 has three sect w/31 turns per sect of #30-44 wire, wnd #2 has one sect w/30 turns #30-44 wire, pri tapped at 10 turns and 70 turns; 4" lg x 1 3/8" wd x 1 13/16" h o/s; bakelite form; adj iron core w/scrdr adj one end; two 3/16" diam mtg holes 1 3/8" c to c in term board; six solder lug term on one end; varnish impr.           |                     |        | 16-C-76503-8001        | N16-T-6397     |                |                       | CRV<br>CRV | M-420951-505<br>P-421913-505 | CRV<br>CRV | M-420951-505<br>rev11<br>P-421913-505 | RBB-2<br>RBB-1<br>RBC         |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-243

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SHEET 47-244

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | ES O STOCK NO | AS O STOCK NO | SIGNAL CORPS STOCK NO | MFR               | MANUFACTURER'S PART NUMBER                   | CONTRACTOR        | CONTRACTOR'S DWG OR PART NO                           | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|---------------|---------------|-----------------------|-------------------|--|-------------------|---|-------------------|
| -471034               | TRANSFORMER, RF: 4/6/45<br>osc transf; two wnd, four pie universal wnd; unshielded; freq range 0.84 to 1.41 mc, rated 119 microhenrys, wnd #1 has three sect w/20 turns per sect of #30-44 wire, wnd #2 has one sect w/22 turns of #30-44 wire, pri tapped at 6 turns and 48 turns; 4" lg x 1 3/8" wd x 1 13/16" h o/a; bakelite form; adj iron core w/scdr adj one end; two 3/16" diam mtg holes 1 3/8" c to c in term board; six solder lug term on one end; varnish impr.  |                     |        | 16-C-76503-4118        | N16-T-6398    |               |                       | CRV<br>CRV        | M-420951-506<br>P-421913-506                 | CRV<br>CRV        | M-520951-506<br>rev11<br>P-421913-506                 | RBB-2<br>RBB-1    |
| -471035               | TRANSFORMER, RF: 4/6/45<br>RF transf; two wnd, four pie universal wnd; unshielded; freq range 1.41 to 2.37 mc, wnd #1 has three sect w/13 turns per sect of #30-44 wire, wnd #2 has one sect w/15 turns of #30-44 wire, pri tapped at 6 turns and 30 turns; 4" lg x 1 3/8" wd x 1 13/16" h o/a; bakelite form; adj iron core w/scdr adj one end; two 3/16" diam mtg holes 1 3/8" c to c in term board; six solder lug term on one end; varnish impr.  |                     |        | 16-C-76503-1465        | N16-T-6399    |               |                       | CRV<br>CRV        | M-420951-507<br>P-421913-507                 | CRV<br>CRV        | M-420951-507<br>rev11<br>P-421913-507                 | RBB-2<br>RBB-1    |
| -471036               | TRANSFORMER, RF: 4/6/45<br>RF transf; single wnd, single layer wnd; unshielded; rated 20.6 microhenrys, 32 turns #30-44 wire tapped at 4 turns and 16 turns; 4" lg x 1 3/8" wd x 1 13/16" h o/a; bakelite form; adj iron core w/scdr adj one end; two 3/16" diam mtg holes 1 3/8" c to c in term board; six solder lug term on one end; varnish impr.   |                     |        | 16-C-76634-3440        | N16-T-6400    |               |                       | CRV<br>CRV<br>CRV | M-420951-508<br>P-421913-508<br>M-421913-504 | CRV<br>CRV<br>CRV | M-420951-508<br>rev11<br>P-421913-508<br>M-421913-504 | RBB-2<br>RBB-1    |
| -471037               | TRANSFORMER, RF: 4/7/45<br>ant transf; four wnd, seven pie wnd; unshielded; freq range 2.37 to 4.0 mc, wnd #1 has 35 turns #30 ES wire, 0.62 ohms DC resistance, wnd #2 has 6 turns #30 ES wire, 0.11 ohms DC resistance, wnd #3 has 45 turns #44 ES wire, 0.60 ohms DC resistance, wnd #4 has 40 turns #44 ES wire, 0.55 ohms DC resistance; 1 7/8" lg x 1 3/8" wd x 4 1/2" h o/a excluding term; phenolic form; two adj iron cores w/scdr adj ea end; mts by two 3/16" mtg holes 1 7/8" c to c on term board; six solder lug term one end, two solder lug term other end; impr. |                     |        | 17-T-82437-8735        | N16-T-3883    |               |                       | CRV<br>CRV        | P-720559-504<br>P-721071-504                 | CRV<br>CRV        | P-720559-504<br>P-721071-504                          | RBB-2<br>RBB-1    |

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

SHEET 47-244

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SHEET 47-245

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER   | CONTRACTOR | CONTRACTOR'S DWG OR PART NO  | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|------------------------------|------------|------------------------------|-------------------|
| -471038               | TRANSFORMER, RF: 4/7/45<br>ant trans; four wnd, seven pie wnd; unshielded; freq range 0.84 to 1.41 mc, wnd #1 has 113 turns #30 ES wire, 2.49 ohms DC resistance, wnd #2 has 5 turns #30 ES wire, 0.10 ohms DC resistance, wnd #3 has 33 turns #44 ES wire, 1.66 ohms DC resistance, wnd #4 has 33 turns #44 ES wire, 1.66 ohms DC resistance; 1 7/8" lg x 1 3/8" wd x 4 1/2" h o/a excluding term; phenolic form; two adj iron core w/scdr adj ea end; mts by two 3/16" mtg holes 1 7/8" c to c on term board; six solder lug term one end, two solder lug term other end; impr. |                     |        | 17-T-82437-6031        | N16-T-3881     |                |                       | CRV<br>CRV | P-720559-502<br>P-721071-502 | CRV<br>CRV | P-720559-502<br>P-721071-502 | RBB-2<br>RBB-1    |
| -471039               | TRANSFORMER, RF:<br>ant trans; four wnd, seven pie wnd; unshielded; freq range 1.41 to 2.37 mc, wnd #1 has 65 turns #30 ES wire, 1.26 ohms DC resistance, wnd #2 has 5 turns #30 ES wire, 0.10 ohms DC resistance, wnd #3 has 75 turns #44 ES wire, 0.99 ohms DC resistance, wnd #4 has 75 turns #44 ES wire, 0.99 ohms DC resistance; 1 7/8" lg x 1 3/8" wd x 4 1/2" h o/a excluding term; phenolic form; two adj iron cores w/scdr adj ea end; mts by two 3/16" mtg holes 1 7/8" c to c in term board; six solder lug term one end, two solder lug term other end; impr.        |                     |        | 17-T-82437-6033        | N16-T-3882     |                |                       | CRV<br>CRV | P-720559-503<br>P-721071-503 | CRV<br>CRV | P-720559-503<br>P-721071-503 | RBB-2<br>RBB-1    |
| -471040               | TRANSFORMER, IF: 4/10/45<br>455 kc p/m 100 kc peak frequency; input IF transf; shielded in sq metal can; 3 1/2" h x 1 7/16" lg x 1 7/16" wd excluding term and mtg studs; pri and secd tuned; two adj powdered iron core; two #4-40 thd mtg studs 1 5/16" c to c; five solder lug term on bottom of can w/three not in use, three lug in top w/one not in use; pri rated 1250 microhenrys w/Q of 140 min, secd rated 1725 microhenrys w/Q of 175 min.   |                     |        | 17-T-67632-4126        |                |                |                       | CFN        | T101-01                      | CFN<br>CFN | P2-762-C<br>P2-1234 cbgc     | RCX               |
|                       |   |                     |        |                        |                |                |                       |            |                              |            |                              |                   |
|                       |   |                     |        |                        |                |                |                       |            |                              |            |                              |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-245

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SHEET 47-246

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| 471041                | TRANSFORMER, IF: 4/10/45<br>455 kc p/m 100 kc peak freq; output IF transf; shielded in sq metal can; 3 1/2" h x 1 7/16" lg x 1 7/16" wd excluding term and mtg studs; pri and secd tuned; two adj powdered iron core; two #4-40 thd mtg studs 1 5/16" c to c; four solder lug term on bottom of can w/two not in use, three lug in top w/two in use; pri rated 1500 microhenrys w/Q of 165 min, secd rated 1500 microhenrys w/Q of 170 min.   |                     |        | 17-T-67632-4226        |                |                |                       | CFW | T102-01                    | CFW        | P2-763-C<br>P2-1234 chgC    | RCA               |
| 471042                | TRANSFORMER, IF: 4/10/45<br>226 kc peak freq; first IF transf; shielded in sq metal can; 3 1/2" h x 1 7/16" lg x 1 7/16" wd excluding term and mtg studs; pri and secd tuned; two adj powdered iron core; two #4-40 thd mtg studs 1 5/16" c to c; four solder lug term on bottom w/two not in use, top has two solder lug term can; rated 6200 microhenrys and Q of 90 minimum for ea wnd.  |                     |        | 17-T-67524-8099        |                |                |                       | CFW | Z102-01                    | CFW        | P2-764-C<br>P2-1234 chgC    | RCA               |
| 471043                | TRANSFORMER, IF: 4/10/45<br>226 kc peak freq; second IF transf; shielded in sq metal can; 3 1/2" h x 1 7/16" lg x 1 7/16" wd excluding term and mtg studs; pri and secd tuned; two adj powdered iron cores; two #4-40 thd mtg studs 1 5/16" c to c; five solder lug term on bottom w/two in use and two solder lugs in top; pri rated 6200 microhenrys w/Q of 90 min, secd rated 4300 microhenrys w/Q of 90 min.  |                     |        | 17-T-67524-8119        |                |                |                       | CFW | Z-103-01                   | CFW        | P2-765-C<br>P2-1234 chgC    | RCA               |
| 471044                | COIL ASSEMBLY, RF: 4/10/45<br>RF choke and osc coil; c/o two separate pie wad on phenolic form, one w/iron core; rectangular metal-shield can; choke rated 9000 microhenrys p/m 10%, w/Q of 60 at 100 kc, osc coil rated 1050 microhenrys p/m 5%, w/Q of 90 at 400 kc, operating freq 681 kc p/m 100 kc; choke c/o 800 turns #36 ES wire, osc coil c/o 195 turns #36 ES wire, tapped at 30 turns and has adj iron core; 3 1/2" h x 1 7/16" lg x 1 7/16" wd o/s excluding term and mtg studs; two #4-40 thd mtg studs 1 5/16" c to c; osc coil has sodr adj through bottom of can, wax impr. |                     |        | 16-C-76912-2491        |                |                |                       | CFW | Z101-01                    | CFW        | P2-766-C<br>P2-1234 chgC    | RCA               |

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NAVSHIPS 900,109(A)  
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SHEET 47-247

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471045               | <p>TRANSFORMER, RF: 4/10/45</p> <p>input RF transf w/RF choke; five wnd, ea single layer space wnd; shielded in eq metal can; choke coil c/o 32 turns #34 E wire wnd on ceramic resistor, inductance 3.75 microhenries, pri c/o 3 sect wnd of 37 turns, 16 turns, 10 turns #34 E wire, largest wnd rated 32 microhenries, secd c/o 40 turns #34 E wire, rated 35 microhenries; 1 5/8" wd x 1 5/16" h x 3 9/16" lg, o/a; transf wnd on phenolic form w/iron cores, choke wnd on dummy resistor; coil form 2 11/16" lg x 1/2" diam; 2 adj iron cores w/scr adj through top and bottom of can; two #4-40 thd mtg studs 1 5/16" c to c; 4 solder lug term on bottom w/2 not in use and 5 on top term plate w/1 not in use, 6 term total; can marked on top T-101-02, on side T-1000-759; operating freq 5.25 mc p/m 0.5 mc, lower iron core tunable from top or bottom of case, wax impr.</p>  |                     |        | 17-T-81698-1173        |                |                |                       | CFN | T101-02                    | CFN        | P2-793-B                    | RBW-2             |
| -471046               | <p>OUTPUT TRANSFORMER AND CHOKE: 4/10/45</p> <p>RF output transf and choke; 2 wnd, ea single layer wnd w/choke coil attached to 1 end of pri; shielded in eq metal can; choke coil c/o 53 turns #34 E wire, rated 6.3 microhenries p/m 5%; pri c/o 51 turns #34 E wire, rated 50 microhenries p/m 5% w/q of 105 min at 5 mc, secd 46 turns #34 E wire, rated 42 microhenries p/m 5% w/q of 100 min at 5 mc, ea rating taken w/iron core in max inductance position; 1 5/16" h x 1 5/16" wd x 3 9/16" lg, o/a; transf wnd on phenolic form w/powdered iron core, choke wnd on dummy resistor w/air core; transf coil form 2 11/16" lg x 1/2" diam, choke form 3/4" x 7/32"; 2 adj iron cores; ecdr adj at top and bottom w/lower core adj from either top or bottom; two #4-40 thd mtg studs on bottom 1 5/16" c to c; 5 solder lug term on bottom, w/2 not in use, 3 on top term plate w/1 in use, 4 term in use; freq range 5.25 to 0.5 mc, choke in series w/transf pri, wax impr.</p> |                     |        | 17-T-81699-8329        |                |                |                       | CFN | T102-02                    | CFN        | P2-794C                     | RBW-2             |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-247

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SHEET 47-248

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471047               | RF CHOKE AND TANK COIL ASSEMBLY: 4/10/45<br>RF choke and osc transf; c/o two coils on form in can; metal shield can, phenolic form w/powdered iron core; choke rated 3750 microhenrys p/m 10% w/q of 65 min at 250 kc, tank coil rated 30 microhenrys w/q of 130 min at 6 mc; choke c/o 350 turns #36ES wire and tank coil c/o 51 turns #28ES wire, tapped at 11 turns from bottom, 2 adj powdered iron core; sq shield can; 1 5/16" lg x 1 5/16" wd x 3 9/16" h, o/a; two #4-40 thd mtg studs 1 5/16" c to c; oper freq 5.25 mc p/m 0.5 mc, wax impr, upper iron core tunable from top, lower iron core tuned from top and bottom. |                     |        | 16-C-77539-7801        |                |                |                       | CPN  | Z101-02                    | CPN        | P2-795e                     | RBW-2             |
| -471048               | TRANSFORMER, IF: 4/10/45<br>912 kc peak freq; first IF transf; shielded in sq metal can; 1 7/16" lg x 1 7/16" wd x 3 1/2" h o/a. excluding term and mtg studs; tuned pri and secd; adj powdered iron core on top and bottom; two #4-40 thd studs 1 5/16" c to c; four solder lug term on bottom w/two not in use and two solder lug on top term board wax impr, pri and secd ea w/two identical pies, rated 420 microhenrys ea for pri and secd and Q of 165 and 155 min respectively.  |                     |        | 17-T-67717-2000        |                |                |                       | CPN  | Z102-02                    | CPN        | P2-796b<br>P2-1234c         | RBW-2             |
| -471049               | TRANSFORMER, IF: 4/10/45<br>912 kc peak freq; 2nd IF transf; shielded in sq metal can; 1 7/16" lg x 1 7/16" wd x 3 1/2" h excluding term and mtg studs; pri and secd tuned; adj powdered iron core tuning; two #4-40 thd mtg studs 1 5/16" c to c; four solder lug on bottom, w/two not in use and two on top term board; wax impr, secd adj on top and bottom w/lower core adj on both top and bottom, pri rated 420 microhenrys w/q of 165 min, secd rated 310 microhenrys w/q of 145 min.  |                     |        | 17-T-67717-2010        |                |                |                       | CPN  | Z103-02                    | CPN        | P2-797-b                    | RBW-2             |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-248

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SHEET 47-249

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A B O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|----------------------------|-------------------|
| -471050               | <p>TRANSFORMER, RF: 4/10/45</p> <p>RF input transf; three wnd, four pie universal wnd; shielded in rectangular metal can; oper freq 400 kc p/m 25 kc, pri c/o two pies w/165 turns #20x44 ES</p> <p>Litz wire per pie, secd c/o two pies w/165 turns #20x44 ES Litz wire per pie, pri rated 1900 microhenrys w/q of 160 min, secd rated 975 microhenrys w/q of 150 min, cathode follower wnd c/o 5 turns</p> <p>#20x44 ES Litz wire; 1 7/16" lg x 1 7/16" wd x 3 1/2" h excluding term and mtg studs; powdered iron core, phenolic tubing form 2 11/16" lg x 1/2" wd; two adj iron core w/secr adj through holes in top and bottom; two #4-40 thd mtg studs on 1 5/16" mtg/c; five solder lug term on bottom of can w/one not in use, two on top of term board; both slugs adj through top of can, one can be tuned from bottom.</p> |                     |        | 17-T-81412-2573        |                |                |                       | CPN  | TI01-03                    | CPN        | P2-807a<br>P2-1234c        | RBU-1             |
| -471051               | <p>TRANSFORMER, RF: 4/10/45</p> <p>RF output transf; two wnd, four pie wnd, universal wnd; shielded in sq metal shield; ea wnd rated 1900 microhenrys, pri/secd has Q of 160/150, ea wnd c/o two pies w/165 turns #20x44 ES Litz wire; 1 7/16" lg x 1 7/16" wd x 3 1/2" h excluding term and mtg studs; powdered iron core, phenolic form 2 1/2" lg x 1/2" diam; two adj iron core w/secr adj through hole in top and bottom; two #4-40 thd mtg studs 1 5/16" c to c; four solder lug term bottom of can w/two not used and two term on top on term plate; both slugs adj through top of can, bottom slug tuned from bottom, var impr.</p>   |                     |        | 17-T-81412-1826        |                |                |                       | CPN  | TI02-03                    | CPN        | P2-806d<br>P2-1234c        | RBU-1             |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                            |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                            |                   |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-249

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SHEET 47-250

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------|
| -471052               | TRANSFORMER, IF: 4/10/45<br>6.5 mc peak freq; 1st and 2nd IF transf; shielded in sq metal can; 1 7/16" lg x 1 7/16" wd x 3 1/2" h excluding term and mtg studs; pri and secd tuned; adj powdered iron core tuning; two #4-40 thd mtg studs 1 5/16" c to c; four solder lug term on bottom, four on top term plate; wax impr coils, two 50 muf p/m 5/8 silver mica cap incl, adj made thru top and bottom of can, pri rated 6.6 microhenrys w/q of 100 min, secd 13 microhenrys w/q of 110 min.                                      |                     |        | 17-T-67909-3844        |                |                |                       | CPW<br>CPW | 2102-07<br>2103-07         | CPW        | P2-1143                     | REB (2)           |
| -471053               | TRANSFORMER, IF: 4/10/45<br>30 mc peak freq; output IF transf; shielded in sq metal can; 1 7/16" lg x 1 7/16" wd x 3 1/2" h excluding term and mtg studs; pri and secd tuned; adj powdered iron core tuning; two #4-40 thd mtg studs 1 5/16" c to c; four solder lug term on bottom and five on top term plate; wax impr, pri rated Q of 115 w/2 to 3.9 microhenrys inductance, secd rated Q of 95 w/1.3 to 2.35 microhenrys inductance, incl two 5 muf capacitors in series w/pri and secd.  |                     |        | 17-T-68272-9101        |                |                |                       | CPW        | T102-07                    | CPW        | P2-1144                     | REB               |
| -471054               | TRANSFORMER, IF: 4/10/45<br>30 mc peak freq; input RF transf; shielded in sq metal can; 1 7/16" lg x 1 7/16" wd x 3 1/2" h excluding term and mtg studs; pri and secd tuned; adj powdered iron core tuning; two #4-40 thd mtg studs 1 5/16" c to c; four term lugs on bottom, four on top term board; wax impr, incl three 5 muf ceramic capacitors connected in series between pri and secd, pri/sec rated 2.35 to 5 microhenrys /1.1 to 2 microhenrys w/q of 85 min for pri and 95 for secd, adj made thru top and bottom of can. |                     |        | 17-T-68272-8941        |                |                |                       | CPW        | T101-07                    | CPW        | P2-1145-a                   | REB               |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-250

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SHEET 47-251

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR                      | MANUFACTURER'S PART NUMBER             | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                       |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|--------------------------|--|------------|-----------------------------|---|
| -471055               | TRANSFORMER, IF: 4/10/45<br>7.5 mc peak freq; first, second and third IF; shielded w/aluminum can; 1 5/16" wd x 1 5/16" d x 3 9/16" lg, o/s; powdered iron core, phenolic form; tuned pri and sec; adj iron core tuning; mtd by two #4-40 thd mtg studs on 1 5/16" mtg/c; 6 solder lug term on bottom of can; has 2 adj iron cores w/secdr adj through hole in top, incl 2 capacitors, 1 resistor, 2 wnd, single layer wnd, ea wnd c/o 19 turns #36 AWG ES wire, pri Q 95 at 7.5 mc w/38 mmf, secd Q 105 at 7.5 mc w/38 mmf, pri 5.2 microhenries, secd 12.0 microhenries. |                     |        | 17-T-67936-2051        | N16-T-6089     |                |                       | CPN<br>CPN<br>CPN        | Z102-09<br>Z104-09<br>Z103-09          | CPN        | F2-1363a                    | RDP (3)                                 |
| -471056               | TRANSFORMER, IF: 4/10/45<br>30 mc p/m 5 mc peak freq; output IF transf; shielded in metal can; 1 7/16" lg x 1 7/16" wd x 3 1/2" h excluding term and mtg studs; pri and secd tuned; adj powdered iron core tuning; two #4-40 thd mtg studs 1 5/16" c to c; four term lug on bottom and four on top term plate; wax impr, pri/secd at max inductance has Q of 120/95 min and inductance of 1.55 to 2.9/1.15 to 1.95 microhenrys, incl 10,000 ohm resistor in parallel w/pri and a 5 mmf capacitor connected in series w/pri and secd.                                       |                     |        | 17-T-68272-9091        | N16-T-7087     |                |                       | CPN<br>CPN               | T102-09<br>L-1098                      | CPN<br>CPN | T-10000<br>F2-1364-b        | RDP                                     |
| -471057               | TRANSFORMER, IF: 4/10/45<br>30 mc peak freq; input RF transf; shielded in metal can; 1 7/16" lg x 1 7/16" wd x 3 1/2" lg excluding term and mtg studs; pri and secd tuned; adj powdered iron core tuning; two #4-40 thd mtg studs 1 5/16" c to c; four solder lug term on bottom and five on top term board; wax impr, pri/secd at max inductance has Q of 110/95 min, inductance 1.8 to 3.5 microhenrys/1.1 to 1.95 microhenrys, incl two 5 mmf capacitors in series between pri and secd.  |                     |        | 17-T-68272-8951        | N16-T-7086     |                |                       | CPN<br>CPN<br>CWF        | T101-09<br>L1097<br>US-80245           | CPN<br>CWF | F2-1365-b<br>US-80245 rev U | RDP<br>RBU-2<br>RBV-2<br>RBW-3<br>RDP-1 |
| -471055               | TRANSFORMER, IF: 4/10/45<br>7.5 mc peak freq; IF transf; shielded in sq metal can; 1 7/16" lg x 1 7/16" wd x 3 1/2" h excluding term and mtg studs; pri and secd tuned; adj powdered iron core tuning; two #4-40 thd mtg studs 1 5/16" c to c; four term lug on bottom and four on top term plate; wax impr, pri/secd at max inductance has Q of 95/105 min, 5.2/12 microhenrys inductance, incl 50 mmf mica capacitor in parallel w/pri and a filter ckt of 25,000 secd.  |                     |        | 17-T-67936-2051        | N16-T-6089     |                |                       | CPN<br>CPN<br>CPN<br>CPN | L1100<br>Z103-09<br>Z102-09<br>Z104-09 | CPN        | F2-1363-a                   | RDP (3)                                 |

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SHEET 47-252

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | COM. TACTIC | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|-------------|-----------------------------|-------------------|
| -471058               | <p>COIL, RF: 4/10/45</p> <p>RF filter coil; two wnd, 3 pie and solenoid universal wnd; unshielded; first coil rated 400 microhenrys and secd coil 20 microhenrys, total wnd 0.55 ohms DC resistance; pri c/o 40 turns #20EC per pie, secd coil c/o 7 2/3 turns #20EC wire; 1 1/16" OD x 3 15/16" lg o/a excluding mtg studs; bakelite tubing, air core; 1" OD x 3 15/16" lg c/a; two spade bolts #8-32 thd x 5/16" lg, 1" c to c; three solder term on top; impr.</p> |                     |        | 16-C-74106-3301        |                |                |                       | CPN<br>CPN | L105-6<br>L107-8           | CPN<br>CPN  | 21103<br>P2-1366 rev0       | RDP (2)           |
| -471059               | <p>TRANSFORMER, IF: 4/10/45</p> <p>400 kc p/m 50 kc peak freq; input IF transf; shielded in metal can; 1 7/16" lg x 1 7/16" wd x 3 1/2" h excluding term and mtg studs; pri and secd tuned; two adj powdered iron core tuning; two #4-40 thd mtg studs 1 5/16" c to c; five solder lug term on bottom and two on top term board; wax impr, inductance pri/secd is 1900/1900 microhenrys max, Q of 180/150 min, incl cathode follower wnd.</p>                         |                     |        | 17-T-67569-8049        |                |                |                       | CPN<br>CPN | T100<br>T101-04            | CPN<br>CPN  | P2-808-e<br>P2-1234-c       | RDP               |
| -471060               | <p>TRANSFORMER, IF: 4/10/45</p> <p>400 kc p/m 50 kc peak freq; output IF transf; shielded in sq metal can; 1 7/16" lg x 1 7/16" wd x 3 1/2" wd excluding term and mtg studs; pri and secd tuned; two adj powdered iron core; two #4-40 thd mtg studs 1 5/16" c to c; four solder lug term on bottom and two on top term board; wax impr, inductance pri/secd is 1900/1900 microhenrys, Q at max inductance is 160/150, adj made at top and bottom of can.</p>         |                     |        | 17-T-67569-8099        |                |                |                       | CPN        | T102-04                    | CPN<br>CPN  | P2-809-e<br>P2-1234-c       | RDP               |
| -471061               | <p>COIL, RF: 4/12/45</p> <p>RF filter choke; single wnd, universal wnd; unshielded; rated 13.83 millihenrys, c/o 825 turns #10-41 Litz wire; 2 5/16" lg x 1 1/4" diam o/a; air core, bakelite form 3/4" diam x 2 5/16" lg; mts by hole through ctr of form; two wire lead term on coil; wax impr, coil dipped in ins varnish and baked.</p>   |                     |        | 16-C-75201-4301        |                |                |                       | CEM<br>CEM | 960-54<br>960-52           | CEM         | T-960-52 alt0               | QGA               |
|                       |   |                     |        |                        |                |                |                       |            |                            |             |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-252

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SHEET 47-253

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | SEB O STOCK NO | A B O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471062               | COIL, RF: 4/13/45<br>RF filter choke; one pie wnd; unshielded; rated 8.1 millihenrys, c/o 616 turns #10x41 Litz wire; 2 5/16" lg x 1 1/4" diam o/a; air core, bakelite form 3/4" diam x 2 5/16" lg; mts by #10-24 tapped hole in one end; two wire lead term; wax impr, two #6-32 thd x 3/8" d holes in sides.            |                     |        | 16-C-75025-3681        |                |                |                       | CEM | 960-50                     | CEM        | 960-3003<br>960-50 alto     | QGA(2)            |
| -471063               | COIL, RF: 4/13/45<br>RF filter choke; one pie wod; unshielded; rated 6.9 millihenrys, c/o 582 turns #10-41 Litz wire; 2 5/16" lg x 1 1/4" diam o/a; air core, bakelite form 3/4" diam x 2 5/16" lg; one #10-24 thd x 9/16" d mtg hole in one end; two wire lead term; wax impr, two #6-32 thd x 3/8" d holes in sides.    |                     |        | 16-C-74983-4993        |                |                |                       | CEM | 960-23                     | CEM        | 960-23 alto                 | QGA               |
| -471064               | COIL, RF: 4/13/45<br>RF filter choke; single pie wnd; unshielded; rated 4.18 millihenrys, c/o 490 turns #10-41 Litz wire; 2 5/16" lg x 1 1/4" diam o/a; air core, bakelite form 3/4" diam x 2 5/16" lg; mts by #10-24 thd x 9/16" d hole in one end; two wire lead term; wax impr, two #6-32 thd x 3/8" d holes in sides. |                     |        | 16-C-74847-1521        |                |                |                       | CEM | 960-51                     | CEM        | T-960-51 alto               | QGA               |
| -471065               | COIL, RF: 4/14/45<br>RF choke; one wnd, single layer wnd; unshielded; rated 4 microhenrys, c/o 44 turns #25 DS wire, 1 amp, 1.2 ohms DC resistance; approx 1 1/2" lg x 5/16" diam o/a; air core; mts by term; two axial wire lead term;   |                     |        | 16-C-72962-1986        |                |                |                       | CFW |                            | CAY        | M-7407375-1 rev2            | TBY               |
| -471066               | COIL, RF: 4/14/45<br>RF choke; one wnd, layer wnd; unshielded; rated 8.5 microhenrys, c/o 60 turns #31 DS wire, DC resistance 0.571 ohms, 400 ma, CT; 1 1/2" lg x 1/2" diam o/a; isolantite form, air core; mts by three wire lead term; impr.  |                     |        | 16-C-73070-5896        | 116-C-13290    |                |                       | CFW |                            | CAY        | M-7407375-2 rev2            | TBY thru<br>TBY-2 |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO                    | EQUIPMENT USED IN                       |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|--|---|
| -471067               | COIL, RF: 4/14/45<br>RF choke; one wnd, layer wnd; unshielded; rated 2 microhenrys, freq 30 mc, c/o 11 turns #26 E wire; 1 17/32" lg x 3/4" diam o/a; polystyrene form, iron core; adj iron core w/sldr adj at one end; mts by 3/8"-32 thd bushing; two wire lead term.   |                     |        | 16-C-76553-4631        | N16-RC-17880   |                |                       | CRP | 51-5042-3                  | CRP        | DUG51-5042-3<br>sub13                          | SG<br>SG-1<br>SG-a<br>SG-28             |
| -471068               | COIL, RF: 4/14/45<br>RF choke; one wnd, single layer wnd; unshielded; rated 4 microhenrys, freq 30 mc, c/o 21 turns #26 E wire; 1.53" lg x 3/4" diam o/a; polystyrene form, iron core; adj iron core w/sldr adj top of form; mts by bushing; two wire lead term.  |                     |        | 16-C-76575-5211        | N16-RC-17885   |                |                       | CRP | 51-5042-7                  | CRP        | DUG51-5042-7<br>rev13                          | SG-a<br>SG-1<br>SG-2                    |
| -471069               | COIL, RF: 4/14/45<br>RF choke; one wnd, single layer; unshielded; rated 6 microhenrys max, 1.1 microhenrys min, 30 mc, c/o 8 turns #26 E wire; 1.53" lg x 0.75" diam o/a; iron core, polystyrene form; adj iron core w/sldr adj at top of form; mts by bushing; two wire lead term.   |                     |        | 16-C-76532-8369        |                |                |                       | CRP | 51-5042-2                  | CRP        | DUG51-5042-2<br>rev13                          | SG                                      |
| -471070               | COIL, RF: 4/14/45<br>RF choke; one wnd, single layer wnd; unshielded; rated 3.5 microhenrys min, 10 microhenrys max, 30 mc, c/o 10 turns #26 E wire; 1.53" lg x 0.75" diam o/a; polystyrene form, iron core; adj iron core w/sldr adj at top of form; mts by bushing; two wire lead term.   |                     |        | 16-C-76571-5211        | N16-RC-17875   |                |                       | CRP | 51-5042-4                  | CRP        | DUG51-5042-4<br>rev13                          | SG(2)<br>SG-1(4)<br>SG-a(2)<br>SG-28(4) |
| -471071               | TRANSFORMER, RF: 4/14/45<br>RF transf; two wnd, ea single layer wnd; unshielded; 30 mc operating freq; pri wnd c/o 2 3/4 turns #26 E wire, secd wnd c/o 15 turns #26 E wire; approx 1.53" lg x 3/4" diam o/a excluding core adj; polystyrene form; adj iron core w/sldr adj top of form; mts by bushing; four wire leads; wax impr. |                     |        | 16-C-76882-8196        | N16-BT-80400   |                |                       | CRP | 51-5042-1                  | CRP        | DUG51-5042-1<br>rev13<br>DLG92-5073-44<br>sub5 | SG<br>SG-1(2)<br>SG-a<br>SG-28(2)       |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |  |   |

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NAVSHIPS 900.109(A)  
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SHEET 47-255

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR                 | CONTRACTOR'S DWG OR PART NO  | EQUIPMENT USED IN   |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|----------------------------|--|---|
| -471072               | NETWORK, pulse delay: 4/16/45<br>pulse delay coil; encased in shielded can; rated 5 microsecond delay, 24 ohms DC resistance, 90 to 210 microhenrys at 1 mc; c/o 45 turns #15/44 ES wire per pie; 1 59/64" lg x 57/64" sq excl ding core adj, studs and term; mts by two #6-32 thd spade bolts 57/64" c to c; has adj iron core, wax impr, fungus proof.   |                     |        | 16-N-54926-1028        | N16-N-468-325  |                |                       | CZO        |                            | CAFQ                       | B-186-2049 a1to<br>C-186-2049-1a1to<br>B-186-2054<br>B-186-2057 a1to | RDJ<br>RDJ-1  |
| -471073               | NETWORK, pulse delay: 4/16/45<br>pulse delay coil; encased in shielded can; rated 25 microsecond delay, 14 ohms DC resistance, 620 to 1500 microhenrys at 200 kc wire; c/o two pie wnd ea with 200 turns #3/41 ES wire; 1 59/64" lg x 57/64" sq excl ding core adj, studs and term; mts by two #6-32 thd spade bolts 59/64" c to c; has adj iron core, wax impr, fungusproof.  |                     |        | 16-N-54926-1029        | N16-N-468-326  |                |                       | CZO        |                            | CAFQ                       | C-186-2049-2a1to<br>B-186-2055 a1to                                  | RDJ<br>RDJ-1  |
| -471074               | NETWORK, pulse delay: 4/16/45<br>pulse delay coil; encased in shielded can; calibrated 100 microsecond delay, 30 ohms DC resistance, 2.25 to 5 millihenrys at 50 kc; c/o two pie ea w/375 turns #36 ES wire; 1 59/64" lg x 57/64" sq excluding core adj, studs and term; mts by two #6-32 thd spade bolts 57/64" c to c; has adj iron core, wax impr, fungusproof.   |                     |        | 16-N-54926-1030        | N16-N-468-327  |                |                       | CZO        |                            | CAFQ                       | C-186-2049-3 a1to<br>B-186-2053 a1to                                 | RDJ<br>RDJ-1  |
| -471075               | TRANSFORMER, RF: 4/17/45<br>output transf; two multi-layer wnd; shielded; pri inductance 420 microhenries min, 520 microhenries max, 20 ohms DC resistance, 590 turns #28 CS E wire, CT, eecd 9.5 microhenries max, 0.2 ohms DC resistance max, 82 turns CS E wire, CT; aluminum casting a prox 8" h x 6 7/8" lg x 5" d o/a; air core; mts by four 5/16" diam holes in fl on 4 15/16" x 8" mtg/c; two two term holes for sockets top of case; case filled w/castor oil.<br>NOTE: RDJ (2); RDJ-1 (2); WAB; QCM-4. |                     |        | 17-T-81335-6430        |                |                |                       | CBM<br>CZO | 336AFA                     | CBM<br>CAFQ<br>CAFQ<br>CBM | 55RE-52J-1029<br>B-186-2047<br>B-186-2117<br>769FSE9A                | QCM-1<br>NM-13 (4)<br>NM-13a<br>NM-14 (3)<br>NM-15 (4)<br>NM-16 (3)<br>QCM-2<br>QCM-3<br>QCM-2<br>QCO-1<br>SEE NOTE |
| -471076               | TRANSFORMER, RF: 4/17/45<br>RF transf; single wnd, univereal wnd; unshielded; rated 11.5 millihenrys, c/o 430 turns 60x38 Litz wire, tapped at 325 and 220 turns, 3 ohms DC resistance; 4" diam approx x 1/2" thk o/a; bakelite form, air core; form 1/2" lg x 13/16" OD; mtd by 3/4" diam hole in ctr; four wire leads; ins varnish impr.   |                     |        | 16-C-75168-3596        |                |                |                       | CBM        | 610-100                    | CBM                        | 769FSE-11A   | WAB<br>WAA  |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO        | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO               | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR        | CONTRACTOR'S DWG OR PART NO     | EQUIPMENT USED IN                            |
|-----------------------|--|----------------------------|--------|------------------------|------------------------------|----------------|-----------------------|------|----------------------------|-------------------|---------------------------------|--|
| -471077               | TRANSFORMER:<br>interstage transf; 2 wnd, universal wnd, LH and RH, ea tapped; unshielded; inductance 21.5 millihenries at 1500v at 60 cps, freq range 18 to 75 kc, operates at 24 kc, 30 ohms resistance for ea wnd, inductance between pri #one and #two 23.0 millihenries; ea wnd c/o 430 turns #60-38 Litz, stranded copper wire; 6 7/16" lg x 5 1/4" wd x 4 1/2" h, o/a; bakelite form, air core; form 2 1/2" lg x 3/4" diam; mts by four 0.196" diam holes on 3 1/2" x 13/16" mtg/c; 5 stud term on front plate, 4 fuse clip term on back plate; front plate term stamped C, G1, G2, O1, O2, back term plate stamped R-403, R-404, P1, P2; coils varnish impr; complete interstage transf, p/o Navy Type 78040 Driver. | 4/17/45<br>55RE52J<br>1029 |        |                        |                              |                |                       | CRM  | 769-3019                   |                   |                                 | QCM-1<br>QCM-3<br>WAA<br>WAB<br>WDA<br>WDA-1 |
| -471078               | TRANSFORMER, IF:<br>30 mc peak freq; first, second and third IF; unshielded; 1 5/8" lg x 3/4" wd x 1 1/2" h o/a; pri and secd tuned; two adj powdered iron core w/secr adj on bottom; two 0.147" diam mtg holes on 7/16" x 1 5/16" diagonal mtg/c; four solder lug term on top of steatite coil base; wax impr, pri rated 12.5 microhenrys, 0.087 ohms DC resistance, secd rated 9.1 microhenrys, 0.067 ohms DC resistance, fixed resistor across pri and across secd wnd.   | 4/19/45                    |        | 17-T-68248-6861        |                              |                |                       | CG   | K-27J286-1,2,3             | CG                | K-27J286-1,2rev7                | SC   |
| -471079               | COIL, RF:<br>RF filter choke; single wnd, universal wnd; unshielded; rated 41.0 microhenrye at 1.0 kc, c/o 90 turns #16 E wire, 0.07 ohms DC resistance; 1.0" OD x 1.359" lg o/a; bakelite tube form, air core; mtd by #8-32 thd x 1 3/4" lg mach screw; two axial wire lead term; coil encased in bakelite tube w/bakelite ends.  | 4/21/45                    |        | 16-C-73495-4988        |                              |                |                       | CBV  | A7624                      | CWQ<br>CWQ<br>CWR | 9A1618<br>9A1689<br>9A1618 revB | RBF-3(4)                                     |
| -471080               | TRANSFORMER, IF:<br>peak freq 30 meg; interstage; shielded; 1 7/16" lg x 3/4" wd x 3/4" h o/a; air core, phenolic form; two wnd, pri 1.719 ohms DC resistance, 25 turns #34 wire, secd 1.031 ohms DC resistance, 15 turns #34 wire; mts by two end bkt ea w/mtg slot; four wire lead term.   | 4/20/45                    |        |                        | N16-RT-76628<br>N16-T-5911-4 |                |                       | CW   | BL-28298-1,2               | CW                | BL-28298-1,2<br>Iss 2           | MX-12Mod 1                                   |

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NAVSHIPS 900,109(A)  
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SHEET 47-256

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SHEET 47-257

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO               | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR         | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO | EQUIPMENT USED IN    |
|-----------------------|---|---------------------|--------|------------------------|------------------------------|----------------|-----------------------|-------------|----------------------------|------------|----------------------------|----------------------|
| -471081               | TRANSFORMER, IF: 4/20/45<br>peak freq 30 meg; interstage; shielded; 1 7/16" lg x 3/4" wd x 3/4" h o/a; air core, phenolic form; two wnd, pri 1.65 ohms DC resistance, 24 turns #34 wire, secd 1.031 ohms DC resistance, 15 turns #34 wire; mtd by two end bkt ea w/mtg slot; four wire lead term.   |                     |        | 17-T-68248-6861        | N16-RT-76630<br>N16-T-5911-3 |                |                       | CW          | BL-28298-3                 | CW         | BL-28298-3 1ss 2           | MK-12 Mod 1          |
| -471082               | TRANSFORMER, IF: 4/20/45<br>peak freq 30 meg; interstage; shielded; 1 7/16" lg x 3/4" wd x 3/4" h o/a; air core, phenolic form; two wnd, pri 1.719 ohms DC resistance, 15 turns #34 wire, secd 1.65 ohms DC resistance, 24 turns #34 wire; mts by two end bkt ea w/mtg slot; four wire lead term.   |                     |        |                        | N16-RT-76632<br>N16-T-5911-2 |                |                       | CW          | BL-28298-4                 | CW         | BL-28298-4 1ss 2           | MK-12 Mod 1          |
| -471083               | COIL, RF: 4/21/45<br>RF filter choke; single wnd, three pie in series w/one single layer wnd; unshielded; rated 651.6 microhenrys at 1000 cyc, 0.7 ohms DC resistance; c/o three pies, ea w/50 turns #22 EE wire and a single layer 40 turns #22 EE wire in series; 4 11/16" lg x 1 1/8" OD o/a; iron core, ins form; 3/4" OD x 4 9/16" lg form; adj iron core; schr adj one end; one #8-32 thd mtg stud one end; one wire lead, one solder term. |                     |        | 16-C-76702-8901        |                              |                |                       | CAVU<br>CRV | 41835 filter               | CAFQ       | A-2619-1                   | RDJ (2)<br>RDJ-1 (2) |
| -471084               | SUPPRESSOR, parasitic: 4/23/45<br>resistor and coil; 0.330" OD x 1.812" lg body; rated 1.14 microhenrys, c/o 29 turns #18 E wire, 0.0185 max DC resistance, Resistor CBW (Centralab) 2v resistor 20000 ohms min resistance; uncased; mtd by two radial wire leads on end; wax impr, Q must be greater than 58.  |                     |        | 16-S-89720-6207        | N16-O-13146                  |                |                       | CWQ         | 9A1685                     | CWQ        | 9A16185 rev0               | RBF-3                |
|                       |   |                     |        |                        |                              |                |                       |             |                            |            |                            |                      |
|                       |   |                     |        |                        |                              |                |                       |             |                            |            |                            |                      |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-257

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SHEET 47-258

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR        | CONTRACTOR'S DWG OR PART NO               | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|-------------------|---|-------------------|
| -471085               | SUPPRESSOR, parasitic: 4/23/45<br>resistor and coil; 0.375" OD x 1.375" lg o/a; rated 380 microhenrys, seven sect, 40 turns #34 KS wire per sect, wnd on speer 2w, 0.2 meg resistor 10 ohms max DC resistance; mtd by two axial wire leads; impr w/ "Q wax" distributed cap less than 1.5 mmf.  |                     |        | 16-8-89803-3288        | N16-C-13154    |                |                       | CWQ        | 9A1683                     | CWQ               | 9A1683 rev0                               | RBF-3<br>RBB-3    |
| -471086               | COIL, RF: 4/23/45<br>RF choke; single wnd, solenoidal close wnd; unshielded; rated 0.7 microhenry, 0.018 ohms DC resistance, c/o 13 turns #20 HF wire; 1 3/4" lg x 3/8" diam o/a; ceramic core and form; mts by #6-32 thd x 3/8" d hole in ea end of form; two solder lug term, one at ea end of coil; varnish impr.  |                     |        | 16-C-72758-3369        |                |                |                       | CC         | K-34J244-1                 | CC                | K-34J244-1 rev0                           | SC-1<br>SK        |
| -471087               | TRANSFORMER, discriminator: 4/24/45<br>10.2 mc w/band width of 175 kc; discriminator; shielded in rectangular metal can; 2.218" lg x 1.406" wd x 4" h excluding term and mtg studs; air core; tuned pri and secd; two variable mica capacitors; four #6-32 thd x 0.343" lg mtg studs on 2 7/32" x 1 15/32" mtg/c; six solder post term on bottom of coil; wax impr, pri rated 4 microhenrys at 1,000 cps, 0.55 ohms DC resistance, secd rated 13.1 microhenrys at 1,000 cps w/resistance of 1.09 p/m 5% ohms DC resistance, secd tapped at 13 turns, assem incl two variable capacitors 5-12 mmf, 6 to 25 mmf, one NT-481778, one AWS-CM20C510J, 9 mmf p/m 0.5 mmf and NT-63360-104 RESISTOR. |                     |        | 17-T-67213-3721        | N16-T-5075     |                |                       | CWQ        | 9A1615                     | CWQ<br>CWQ        | 9A1615 rev0<br>42X160 revc                | RBF-3             |
| -471088               | TRANSFORMER, IF: 4/24/45<br>10.2 mc peak freq; third and fourth IF transf assembly; shielded in rectangular metal can; 2.218" lg x 1.406" wd x 4" h excluding term and mtg studs; air core; tuned pri and secd; two variable mica capacitors; four #6-32 thd x 0.343" lg mtg studs on 2 7/32" x 1 15/32" mtg/c; six solder post term on bottom of coil; wax impr, pri and secd ea rated 4.3 microhenrys w/0.83 ohms p/m 5% DC resistance, assem incl two NT-481778, two 3 mmf, two 30 mmf capacitors, one ea NT-63360-102, NT-63360-503 and NT-63360-503 RESISTORS.   |                     |        | 17-T-68002-5511        | N16-T-6053-4   |                |                       | CWQ<br>CWQ | 9A1614<br>9A1613           | CWQ<br>CWQ<br>CWQ | 9A1614 rev0<br>42X160 revc<br>9A1613 rev0 | RBF-3 (2)         |
|                       |   |                     |        |                        |                |                |                       |            |                            |                   |   |                   |
|                       |   |                     |        |                        |                |                |                       |            |                            |                   |   |                   |
|                       |   |                     |        |                        |                |                |                       |            |                            |                   |   |                   |

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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E B O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPQR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO               | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|---|-------------------|
| -471089               | <p>TRANSFORMER, IF: 4/24/45</p> <p>10.2 mc peak freq; first and second IF transf assem; shielded in rectangular metal can; 2.218" lg x 1.406" wd x 4" h excluding term and mtg studs; air core; tuned pri and sec; two variable mica cap w/adj on top of can; four #6-32 thd x 0.313" lg mtg studs on 2 7/32" x 1 15/32" mtg/c; six solder post term on bottom of coil; wax impr, pri and sec ea rated 4.3 microhenrys at 1,000 cps w/0.83 ohms DC resistance, assem incl two NT-481778, two 3 muf and two 30 muf capacitors, resistors, one NT-63360-102, two NT-63360-503, one MT-63360-104.</p> |                     |        | 17-T-68002-5501        | NL6-T-6053-2   |                |                       | CWQ<br>CWQ | 9A1612<br>9A1611           | CWQ<br>CWQ | 9A1612 rev0<br>421160 revC<br>9A1611 rev0 | RBF-3 (2)         |
| -471090               | <p>TRANSFORMER, IF: 4/25/45</p> <p>5.3 mc peak freq; second IF transf; shielded in sq metal can; 1.375" sq x 3.377" h excluding term and mtg studs; tuned pri and sec; adj by two powdered iron cores w/adj on top and bottom of can; two #6-32 thd spade bolts 1.312" c to c; six solder lug term on bottom of coil; wax impr, assem incl two 50 muf ceramic, two 5600 muf mica capacitors and one NT-63360-333 Resistor, pri and sec ea rated 15.88 microhenrys w/1.21 ohms DC resistance.</p>   |                     |        | 17-T-67882-4936        | NL6-T-6058-1   |                |                       |            |                            | CRV<br>CRV | P-720166-505<br>rev4<br>K-850894-2 rev13  | TBS-8             |
| -471091               | <p>TRANSFORMER, IF: 4/25/45</p> <p>5.3 mc peak freq; third IF transf; shielded in sq metal can; 1.375" sq x 3.377" h excluding term and mtg studs; tuned pri and sec; adj by two powdered iron cores w/adj on top and bottom of coil; two #6-32 thd spade mtg bolts 1.312" c to c; six solder lug term on bottom of coil; wax impr, assem incl three 50 muf ceramic, one 5600 muf mica capacitors and NT-63360-334 and NT-63360-333 Resistors, pri and sec ea rated 14.5 microhenrys w/1.23 ohms DC resistance.</p>  |                     |        | 17-T-67882-4951        | NL6-T-6058-3   |                |                       |            |                            | CRV<br>CRV | P-720166-502<br>rev4<br>K-850894-2 rev13  | TBS-8             |
|                       |  |                     |        |                        |                |                |                       |            |                            |            |   |                   |

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NAVSHIPS 900,109(A)  
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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO              | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|-----------------------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471092               | TRANSFORMER, RF:<br>RF transf; two wnd; unshielded; pri rated 0.908 microhenrys, o/o 6 turns #10-40 DCS wire w/0.148 ohms DC resistance, secd rated 0.386 microhenrys, c/o 5 turns #14 copper wire w/0.013 ohms DC resistance, freq range 60 mc to 80 mc; 2 1/8" lg x 1 3/8" wd x 1 3/4" h excluding term; air core, air wnd; mts by two thd hex spacers 5/16" across flats on 11/16" x 1 19/32" diagonal mtg/c; four solder lug term; coil base made of micalex.     | 4/26/45             |        | 17-T-81956-7151        | N16-T-7106-11               |                |                       |      |                            | CRY        | M-420271-501<br>rev10       | TBS-8             |
| -471093               | TRANSFORMER, RF:<br>transf; two wnd, single layer, open wnd; unshielded; pri rated 0.378 microhenrys, c/o 5 turns #14 bare wire, 0.028 ohms DC resistance, secd rated 0.201 microhenrys, c/o 3 turns #14 bare wire, 0.015 ohms DC resistance, freq range 60 to 80 mc; 3 3/8" lg x 1 1/8" wd x 1 3/4" h o/a; air core, air wnd; mts by two thd hex spacers 1/2" lg, 2 15/16" mtg/c; four solder lug term on base.  | 4/26/45             |        | 17-T-81891-7119        | N16-T-7119                  |                |                       |      |                            | CRY        | K-850579-501<br>rev10       | TBS-8             |
| -471094               | TRANSFORMER, IF:<br>455 kc peak freq; BFO transf; shielded in rectangular metal can; 2" lg x 1 7/16" wd x 4" h excluding term and mtg studs; pri has powdered iron core, secd air core; pri tuned, secd untuned; adj iron core w/secdr adj in top of can; two #6-32 thd x 9/32" lg mtg studs on 1" x 1 11/32" diagonal mtg/c; six solder lug term on bottom; coil BS, incl one 1000 mmf p/a 10% mica capacitor and one 3 mmf to 25 mmf variable capacitor in pri okt. | 4/26/45             |        | 17-T-67625-9628        | N16-T-7002-34<br>N16-W-2154 |                |                       | CAUX |                            | COL<br>COL | 278 0006 00<br>2786         | TCS-12            |
| -471095               | COIL, tube focusing:<br>focusing coil; wrapped w/acetate tape; rated 22000 ohms DC resistance, c/a 42000 turns #38 E wire, has 12" ins leads; 3 3/4" OD x 1 7/8" ID x 1 1/4" lg; slides over end of CR tube 1 7/8" diam; impr w/varnish   | 4/30/45             |        | 16-C-77283-1001        | N16-C-14090-30              |                |                       | CIM  | 920-212                    | CIM        | T920-212 alt0               | SF<br>SF-1        |

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SHEET 47-261

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFRG                     | MANUFACTURER'S PART NUMBER                | CONTRACTOR        | CONTRACTOR'S DWG OR PART NO            | EQUIPMENT USED IN           |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|--------------------------|---|-------------------|--|-----------------------------|
| -471096               | COIL, RF: 5/1/45<br>osc shunt feed choke; one wnd, universal wnd; shielded rectangular metal case; rated approx 900 millihenries at 500v, 60 cyc, 210 ohms DC resistance; ea coil c/o 900 turns 10x41 Litz wire; 4 7/16" lg x 2 15/16" wd x 2 1/4" h, o/a; air core; mts by bkt; two ins term bolts at top of case; XS.   |                     |        | 16-C-75768-7727        | N16-C-13507    |                |                       | CEM                      | 720-3005                                  | CEM<br>CEM        | 753-720-3005<br>55RE52J1012            | QCB-3<br>QCB-4              |
| -471097               | INTERSTAGE AUTOTRANSFORMER: 5/2/45<br>interstage transf; 2 wnd, universal wnd, LH and RH, ea tapped; unshielded; inductance 21.5 millihenries at 1500v at 60 cps, freq range 18 to 75 kc, operates at 24 kc, 3 ohms DC resistance for ea wnd, inductance between pri #one and #two 23.0 millihenries; ea wnd c/o 430 turns #60-38 Litz, stranded copper wire; 4" OD x 2" h, o/a; bakelite form, air core; form 2" lg x 3/4" diam; mts by #10-24 tapped hole through ctr of form by screw at ea end; 7 flex wire leads; c/o following CEM parts, 2 interstage transf coils #610-100, 2 spacers #610-89, 1 coil arbor #610-216, coils varnish impr; wnd for Navy Type 471077 Transformer, u/v Navy Type 78040 Driver. | 55RE52<br>J1017     |        | 17-T-82123-3725        | N16-T-4600-10  |                |                       | CEM                      | 769-3011                                  |                   |  | WDA<br>WDA-1                |
| -471098               | TRANSFORMER, IF: 5/3/45<br>455 kc peak freq; interstage IF transf; shielded in rectangular metal can; 2" lg x 1 7/16" wd x 4" h excluding term and mtg studs; air core; pri and secd tuned; two variable capacitors w/adj on top of can; two #6-32 thd x 1/2" lg mtg studs on 1" x 1" diagonal mtg/c; six solder lug term on bottom of can; var impr, incl 50 mmf across pri and one across secd, coils rated 11 ohms DC resistance w/secd tapped at 3 ohms.  |                     |        | 17-T-67618-9201        | N16-T-6086     |                |                       | OPW<br>OPW<br>OOL        | SA-1378<br>SA-2612<br>278 3600 00         | CHZ<br>CHZ<br>OOL | SA-1378<br>SA-2612<br>278 3600 00 rev2 | TCS(2).<br>thru<br>TCS-6(2) |
| -471099               | TRANSFORMER, IF: 5/3/45<br>455 kc peak freq; diode IF transf; shielded, rectangular metal can; 2" lg x 1 7/16" wd x 4" h excluding term and mtg studs; air core; pri and secd tuned; two variable capacitors w/adj on top of can; two #6-32 thd x 1/2" lg mtg studs on 1" x 1" diagonal mtg/c; six solder lug term on bottom of can; var impr, incl one fixed 50 mmf and one 48 mmf variable capacitor across the pri and across the secd wnd, coils rated 11 ohms DC resistance, secd tapped at 7.3 ohms.  |                     |        | 17-T-67618-9191        | N16-T-6087     |                |                       | OPW<br>CFW<br>CHC<br>OOL | SA-1379<br>SA-2613<br>5935<br>278 3700 00 | CHZ<br>CHZ<br>OOL | SA-1379<br>SA-2613<br>278 3700 00 rev2 | TCS thru<br>TCS-6           |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                 |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-----------------------------------|
| -471100               | TRANSFORMER, IF: 5/3/45<br>peak freq 455 kc; used in BFO stage; shielded in rectangular metal can; 4" h x 2" lg x 1 7/16" wd o/a excluding term and mtg studs; tuned pri; var capacitor v/scr adj at top of can; two #6-32 thd studs on 1" x 1 11/32" diagonal mtg/c; six solder lug term on bottom of case; inductance, pri 115 microhenrys, sec 28 microhenrys, incl var air capacitor rated 3 to 30 mmf used as BFO control. |                     |        | 17-T-67611-4771        | W16-T-6087-6   |                | 229641.140            | COL        | 278 3800 00                | COL        | 278 3800 00 rev D7438       | TCS thru TCS-11                   |
| -471101               | TRANSFORMER, IF: 5/3/45<br>interstage; unshielded; 5" lg x 4 1/4" wd x 3 1/2" h o/a; air core; two wd pri and sec ea rated 21 millihenrys, 7.5 ohms DC resistance, 695 turns #41-38 Litz wire tapped at 325 and 525 turns; ats by one thru ctr bolt; seven screw type term top of form; varnish impr.   |                     |        |                        |                |                |                       | CBM        | 803-3001                   | CBM        | 803-SB8A                    | WBA<br>WDA<br>WDA-1               |
| -471102               | COIL, RF: 5/5/45<br>RF choke; single wnd, four pie wnd; unshielded; rated 2.95 millihenrys, ea pie has 225 turns #36 ES wire; 15/16" lg x approx 1/2" diam o/a excluding term; lam phenolic form, air core; form 15/16" lg x 1/4" OD; two axial term #20 wire ea 1 1/2" lg.   |                     |        | 16-C-74767-5815        |                |                |                       | CKY        | A-14134-1.                 | CKY        | A-14134-1 rev 2             | AN/URA-T2A                        |
| -471103               | COIL, RF: 5/7/45<br>RF choke; single wnd; cylindrical metal shield, black orinkle finish; rated 16 millihenrys p/m 10%, 1000 cps, 110 ohms DC resistance, o/c 1000 turns #35 ES wire; 5/8" h x 1 1/2" OD o/a excluding term and mtg bolt; bakelite form, air core; mts by single bolt 1/4" lg x #6-32 thd on bottom; two solder lug term on top; wax impr.  |                     |        | 16-C-75240-4857        | W16-C-13000-10 |                |                       | CML<br>COL | 19-5590<br>240 5600 00     | COL        | 240 5600 00 rev 1           | TDX<br>TDX-2 thru<br>TDX-4<br>TDO |

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NAVSHIPS 900,109(A)  
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SHEET 47-263

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO        | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|------------------------------------|-------------------|
| -471104               | COIL, RF: 4/24/45<br>RF choke; single layer wnd; unshielded; rated 1.5 millihenrys, 1000 cps, 0.13 ohms DC resistance, o/o 26 turns #29 E NEMA wire; approx 1" lg x 1/4" OD o/a excluding term; dummy resistor form, air core; form 1" lg x 1/4" OD; mtd by two axial pigtail term, ea 1 1/2" lg; cemented wnd.  |                     |        | 16-C-74481-6271        | N16-C-13160-47 |                |                       | OG   | E-27J341-3                 | OG         | E-27J341-3 rev4<br>E-56J997-2 rev1 | SC-4(5)           |
| -471105               | COIL, RF: 4/24/45<br>RF bleeder choke; single wnd, single layer wnd; unshielded; rated 35 microhenrys at 1.5 to 2.5 mc, c/o 87 turns #20 EC wire; approx 8 1/2" lg x 1" diam o/a excluding term; pyrex glass form, air core; form 8 1/2" lg x 1" OD; mtd by lugs on ends; two ferrule type term; wnd w/#6 spacer cord.   |                     |        | 16-C-73459-8937        |                |                |                       | CYV  | 16-50                      | CYV        | 15A-B-4-4 1ae2                     | TEC<br>TEB<br>LAL |
| -471106               | COIL, RF: 4/24/45<br><u>CANCELLED:</u> use WT-47490.   |                     |        | 16-C-74202-9830        |                |                |                       | CYV  | 16-60                      | CYV        | 15A-B-4-9 1ae2                     | TEC<br>TEB<br>LAL |
| -471107               | COIL, RF: 4/24/45<br>RF choke; single wnd, single layer wnd; unshielded; rated 35 microhenrys at 1.5 to 2.5 mc, c/o 87 turns #20 EC wire; approx 8 1/2" lg x 1" diam o/a excluding term; pyrex glass form, air core; form 8 1/2" lg x 1" OD; mtd by lugs on ends; two ferrule term on ends; wnd w/#6 spacing cord.   |                     |        | 16-C-73459-8942        |                |                |                       | CYV  | 16-5B                      | CYV        | 15A-B-4-3 1ae2                     | TEC<br>TEB<br>LAL |
| -471108               | COIL, RF: 4/24/45<br>plate choke; single wnd, solenoid wnd; unshielded; rated 0.06 microhenrys at 1000 cps, 0.05 ohms DC resistance, c/o 5 1/2 turns #29 E wire, oper freq 200 mc; 1 3/4" lg x 3/8" OD o/a excluding term; ceramic form, air core; form 3/8" OD x 1 3/4" lg; one mtg hole in ea end w/#6-32NC-2 thd; two silver pl term, one ea end; wax impr. |                     |        | 16-C-72685-9076        | N16-RG-17876   |                |                       | OG   | K-27J285-1                 | OG         | K-27J285-1 rev0<br>V-24J993 rev0   | SC(2)             |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                                    |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                                    |                   |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO      | EQUIPMENT USED IN                  |
|-----------------------|---|---------------------|--------|------------------------|-----------------|----------------|-----------------------|-----|----------------------------|------------|----------------------------------|------------------------------------|
| -471109               | COIL, RF: 4/24/45<br>Beater choke; single wnd, solenoid wnd; unshielded; c/o 40 turns #26 E wire, 0.176 ohms DC resistance, oper freq 200 mc; 1 3/4" lg x approx 3/8" diam o/a excluding term; ceramic form, air core; form 3/8" OD x 1 3/4" lg; one mtg hole in ea end w/ #6-32NC-2 thd; two term, one ea end; wax impr. |                     |        | 16-C-72579-9226        | N16-RC-17877    |                |                       | CG  | K-27J284-1                 | CG         | K-27J284-1 rev6<br>V-24J993 rev0 | 80                                 |
| -471110               | COIL, RF: 4/24/45<br>RF choke; single wnd, single layer wnd; unshielded; rated 11.75 microhenrys at 8 mc, Q is 82, c/o 75 turns #36 ES wire, 2 ohms DC; 3/4" lg x 7/32" diam o/a excluding term; dummy resistor; form 3/4" lg x 7/32" OD; mts by two wire lead term.  |                     |        | 16-C-73152-3315        | N16-C-13160-35  |                | 30362-45              | CGG | 24A10639                   | CGG        | 24A48689 1ss A<br>44536 chg 0    | AN/SFR-2<br>AN/APR-5AX<br>AN/SFR-1 |
| -471111               | COIL, RF: 4/24/45<br>RF choke; one wnd, single layer wnd; unshielded; inductance negligible, c/o 30 turns #26 E wire, DC resistance 0.1 ohm, Q is 87, freq 11.6 mc, capacitance 100 mmf; 3/4" lg x 7/32" diam o/a excluding term; dummy resistor; form 3/4" lg x 7/32" OD; mts by two wire lead term at end.              |                     |        | 16-C-72449-6405        | N16-C-13160-34  |                | 30362-42              | CGG | 24A106355                  | CGG        | 24A106355 1ssA<br>44537 chg0     | AN/SFR-2<br>AN/APR-5AX             |
| -471112               | COIL, RF: 4/24/45<br>RF choke; one wnd, layer wnd; unshielded; freq 4.1 mc, capacitance 100 mmf, Q is 80, c/o 67 turns #27E wire, inductance negligible; 1 1/4" lg x 7/16" diam o/a excluding term; bakelite form, air core form 1 1/4" lg x 1/4" diam; mts by two radial wire lead term 1 1/2" lg.                       |                     |        | 16-C-72666-3407        | N16-C-13090-128 |                | 30362-44              | CGG | 24A106356                  | CGG        | 24A106356 1ss0                   | AN/SFR-2<br>AN/APR-5AX             |
| -471113               | SUPPRESSOR, parasitic: 4/24/45<br>resistor and coil; 3/8" lg x 5/32" diam o/a excluding term; c/o 39 turns #36ES wire, at 15.3 mc, Q is 42, resistor rated 390 ohms, 1/2w; unshielded; mts by two axial wire lead term.   |                     |        | 16-S-89919-4745        | N16-N-492-225   |                |                       | CGG | 24A106354                  | CGG        | 24A106354 1ssB<br>44539 chg0     | AN/SFR-2<br>AN/APR-5AX             |
|                       |   |                     |        |                        |                 |                |                       |     |                            |            |                                  |                                    |
|                       |   |                     |        |                        |                 |                |                       |     |                            |            |                                  |                                    |

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NAVSHIPS 900.109(A)  
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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN              |                        |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|-----------------------------|--------------------------------|------------------------|
| -471114               | TRANSFORMER, IF: 4/25/45<br>peak freq 30 mc; interstage coupling tranef; shielded in rectangular metal can; 2 7/16" h x 7/8" lg x 7/8" wd o/a excluding term and mtg studs; bakelite form, air core; fixed type; mtd by two spade bolts 1 1/8" c to c (diagonally); three wire lead term; wax impr, incl one 500 mmf p/m 20%, 500 vdcw capacitor, inductance of coil #1/#2/#3 is 8.09/3.36/1.44 millihenrys.                                |                     |        | 16-F-32724-5396        | N16-T-6076-7   |                | 229643-146            | OGG<br>OGG | 24B48094<br>24B42136       | OGG<br>OGG                  | 24B48094 1eaA<br>24B42136 1eaA | AN/SFR-2<br>AN/APR-5AX |
| -471115               | TRANSFORMER, IF: 4/25/45<br>peak freq 30 mc; input to detector stage; shielded in cylindrical metal can; 2 7/16" h x 7/8" lg x 7/8" wd core; fixed type; mtd by two spade bolts 1 1/8" c to c (diagonally); three wire lead term; wax impr, incl one 500 mmf p/m 20%, 500 vdcw capacitor, inductance of coil #1/#2/#3 is 9.69/3.16/2.56 millihenrys.  |                     |        | 16-F-32724-5398        | N16-N-482-80   |                | 229643.148            | OGG        | 24B52837                   | OGG                         | 24B52837 1eaA                  | AN/SFR-2<br>AN/APR-5AX |
| -471116               | COUPLING UNIT, antenna: 5/2/45<br>to match 300 ft ant to transmission line; uses low pass "T" network capable of matching 50 ohm transmission line to ant having resistance range 25 to 150 ohms, 1,700 to 2,000 kc freq range, neg 150 ohm impedance to plus 150 ohm impedance 1,000 kw peak power; 5 ft lg x 3 ft wd x 7 ft h o/a; mtd by four 1 ft lg legs; has ins term 1 ft h, top of case; similar to NT-47368 except is larger unit. | 16T13(AR)           |        | 16-C-91718-8051        |                |                |                       | CG         | 4MY841                     | CG                          | SK-62647-13-108                | TEB                    |
| -471117               | COIL, RF: 5/3/45<br>RF choke; one wnd, universal wnd; unshielded; rated 60 millihenrys at 1 kc, DC resistance 274.2 ohms, 75 ma, 1.5w, o/o 1.995 turns #38ES wire; 15/16" lg x 1 1/16" OD o/a excluding term; ceramic form, air core; mtd by hole through ctr of form; two solder lug term at one end.  |                     |        | 16-C-75488-4053        |                |                |                       | CFW        | 21-270                     | CDU                         | 21-270                         | CBN                    |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-265

**RESTRICTED**

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SHEET 47-266

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471118               | COIL, RF: 5/3/45<br>one wnd, universal wnd; shielded in rectangular metal can; rated 4.84 millihenrys w/o core, 250 ma, 1.3w, freq range 95 to 105 kc, c/o 699 turns #15/44ES wire, DC resistance, 22.7 ohms, 4.84 millihenrys w/o core; 2 1/4" h x 1 3/8" wd x 1 3/8" lg, o/a excluding mtg studs and tuning adj; adj powdered iron core w/scdr adj through bottom of can; mts by two spade lugs on bottom 1 5/16" c to c; three lead wires on bottom; wnd and form tropicalized with #86 Dulac, has 390 mmf capacitor in parallel w/wnd, wnd is tapped at 233 turns. |                     |        | 16-6-76756-8601        |                |                |                       | CFW | 21-271                     | CDU        | 21-271                      | OBN               |
| -471119               | COIL, RF: 5/3/45<br>var ind; single layer space wnd; shielded in rectangular metal can; c/o 43 turns #30E wire, rated 350 ma, 0.584 ohms DC resistance, 1,500 to 2,400 kc, 0.73w, 13.4 microhenrys w/o core; 1 3/8" lg x 1 3/8" wd x 2 1/4" h, o/a excluding mtg studs and tuning adj; adj powdered iron core w/scdr adj from bottom of can; mts by two #6-32 thd x 3/8" lg spade bolts 1 5/16" c to c; three wire lead term on bottom; incl one 47 ohm resistor and one 330 mmf capacitor in series w/coil, impr for tropical use.                                    |                     |        | 16-C-76615-8741        |                |                |                       | CFW | 21-272                     | CDU        | 21-272                      | OBN               |
| -471120               | COIL, RF: 5/3/45<br>RF choke; single wnd, universal wnd; unshielded; rated 115.7 microhenrys p/m 5%, 1,000 cps, 0.12w, 125 ma, 5.5 ohms DC resistance, c/o 78.5 turns #36ES wire; 1 5/16" lg x 1 1/16" diam o/a excluding term; ceramic form, air core; form 3/4" lg x 1/2" OD; single mtg hole in ctr; two solder lug term on bottom; wax impr for tropical use.  |                     |        | 16-C-73807-4966        |                |                |                       | CFW | 21-273                     | CDU        | 21-273                      | OBN               |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-266

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SHEET 47-267

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |     |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|-----------------------------|-------------------|-----|
| -471121               | COIL, RF: 5/3/45<br>RF choke; single wnd, universal wnd; unshielded; rated 69.1 microhenrys at 1,000 cps, 125 ma, 3.84 ohms DC resistance, c/o 60 turns #36ES wire; 15/16" lg x 1 1/16" diam o/a excluding term; ceramic form, air core; form 3/4" lg x 1/2" OD; single mtg hole in ctr; two solder lug term on bottom; wax impr for tropical use.   |                     |        | 16-c-73636-6537        |                |                |                       | CFW  | 21-274                     | CDU                         | 21-274            | OBN |
| -471122               | COIL, RF: 5/3/45<br>var ind; single layer space wnd; shielded in rectangular can; c/o 60 turns #30 E wire, rated 350 ma, 20.2 microhenrys w/o core, 0.79 ohms DC resistance, 1,580 to 2,450 kc, 1w; 1 3/8" lg x 1 3/8" wd x 2 1/4" h o/a excluding mtg studs and tuning adj; adj powdered iron core w/scdr adj from bottom of can; mts by two #6-32 thd x 3/8" lg spade bolts 1 5/16" c to c; four solder lug term on bottom; incl one 220 mmf capacitor and one 3,000 ohm resistor in parallel w/coil, impr for tropical use. |                     |        | 16-c-76634-1865        |                |                |                       | CFW  | 21-275                     | CDU                         | 21-275            | OBN |
| -471123               | COIL, RF: 5/3/45<br>RF choke; single wnd, universal wnd; unshielded; rated 2.7 millihenrys at 1,000 cps, 125 ma, 29.9 ohms DC resistance, 0.5w, c/o 421 turns #36ES wire; 15/16" lg x 1 1/16" diam o/a excluding term; ceramic form, air core; form 3/4" lg x 1/2" OD; one mtg hole in ctr; two solder lug term on bottom; wax impr for tropical use.  |                     |        | 16-c-74754-9168        |                |                |                       | CFW  | 21-276                     | CDU                         | 21-276            | OBN |
| -471124               | COIL, RF: 5/5/45<br>plate choke; two pie wnd; unshielded; rated w/o core 3.5 millihenrys at 1,000 cps, w/core 7 millihenrys at 1,000 cps, c/o 650 turns #15-44 Litz wire, 20 ohms DC resistance; approx 1 3/8" lg x 1 1/8" wd x 1 3/4" h o/a; bakelite paper form 1 3/16" lg x 0.4" OD; adj powdered iron core w/scdr adj at top of case; two mtg holes on top, 27/32" c to c; eight screw type term on bottom, use only term #1 and #5; encl in thick bakelite case.  |                     |        | 16-c-76742-8270        |                |                |                       | CS   | 811302                     | CS                          | 811302-B          | DBE |
|                       |  |                     |        |                        |                |                |                       |      |                            |                             |                   |     |
|                       |  |                     |        |                        |                |                |                       |      |                            |                             |                   |     |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-267

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SHEET 47-268

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471125               | COIL, RF: 5/5/45<br>RF filter coil; single wnd, universal wnd; unshielded; rated 17 microhenrys at 1,000 cyc, c/o 30 turns, #16 ES wire, 0.021 ohms DC resistance; 3/4" OD x 7/8" lg o/a; adj iron core; two wire leads 3" long.   |                     |        | 16-C-76779-1239        |                |                |                       | CS  | 238502                     | CS         | 238502 rev0                 | IBE (2)           |
| -471126               | COIL, RF: 5/5/45<br>RF filter coil; single wnd, universal wnd; unshielded; rated 380 microhenrys at 1,000 cyc, c/o 135 turns #16SSC wire, 0.18 DC resistance; 1 1/2" OD x 7/8" lg o/a; adj iron core; two wire leads 3" long.  |                     |        | 16-C-76850-2808        |                |                |                       | CS  | 238493                     | CS         | 238493                      | IBE (2)           |
| -471127               | COIL, RF: 5/5/45<br>RF choke; one wnd, three layer wnd; unshielded; rated 150 microhenrys p/m 15% at 1,000 cps, 500 ma, 1.6 ohms DC resistance, c/o 18 turns #28MS wire; 1 3/4" lg x 9/16" diam o/a excluding term; bakelite form, air core; form 1 3/4" lg x 7/16" OD; mte by two solder lug term, one on ea end; wax impr and fungus-proof.              |                     |        | 16-C-73880-5775        |                |                |                       | CZC | 5375-1                     | CZC        | 5375-1 rev0                 | REE               |
| -471128               | COIL, RF: 5/5/45<br>RF choke; single wnd, four pie wnd; unshielded; rated 2.5 millihenrys at 1,000 cps, 125 ma, 45 ohms DC resistance, c/o 210 turns #36ES wire per pie; 1 1/2" lg x 39/64" OD o/a excluding term; ceramic form, air core; form 1 1/2" lg x 1/4" OD; mte by two #18AWG radial wire lead term 1 3/4" lg, one ea end; wax impr, fungusproof. |                     |        | 16-C-74687-4902        |                |                |                       | CUB | GH-920W                    | CZC        | 5047-1 rev0                 | REE               |
| -471129               | COIL, RF: 5/8/45<br>input choke coil; single wnd, universal wnd; unshielded; rated 20 microhenrys, c/o 70 turns #36ES wire, cap 30 mmf at 6.5 mc; 3/8" lg x approx 3/8" OD o/a excluding term; bakelite dummy resistor form, air core; form 3/8" lg x 9/64" OD; mte by two axial wire lead term; varnish impr.   |                     |        | 16-C-73286-6712        |                |                |                       | CGG | 24A103238                  | CGG        | 24A103238 1eaA              | AN/CPM-6          |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-268

**RESTRICTED**



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SHEET 47-269

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO                   | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------------------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471130               | SUPPRESSOR, parasitic; 5/8/45<br>resistor and coil; 1" lg x 3/8" OD o/a excluding term; coil rated 150 microhenrys, two pie wnd, 90 turns #36 wire per pie, 7 ohms DC resistance, resistor rated 1w, 2,200 ohms; uncased; mtd by two axial wire lead term, one ea end, approx 1 1/2" lg; coil connected to resistor leads by cinch lugs, varnish impr, fungusproof.   |                     |        | 16-S-89790-3408        | N16-RC-17703-21                  |                | 3C362-70              | CGG  | 24A108809                  | CGG        | 24A108809 1ssC              | AN/CPN-6<br>(2)   |
| -471131               | COIL, RF: 5/8/45<br>RF choke; single wnd, two pie universal wnd; unshielded; rated 275 microhenrys p/m 10% at 1,000 cps, 10 ma, 8 ohms DC resistance c/o 115 turns #38 wire per pie; 3/4" lg x 17/32" OD o/a excluding term; dummy resistor form, air core; form 3/4" lg x 9/32" OD; mtd by two axial wire lead term, ea 1 1/2" lg; varnish impr, fungusproof.  |                     |        | 16-C-74027-3329        | N16-RC-17852-35<br>N16-C-13169-8 |                | 3C362-69              | CGG  | 24A105295                  | CGG        | 24A105295 1ssC              | AN/CPN-6<br>(2)   |
| -471132               | COIL, RF: 5/8/45<br>RF choke; single wnd, five pie, universal wnd; unshielded; rated 2.5 millihenrys at 1,000 cyc, 10 ma, c/o five pie wnd ea w/185 turns #38 celanese E wire, 60 ohms DC resistance; approx 1 7/16" lg x 9/16" diam o/a; dummy resistor form, air core; form approx 1 1/16" lg x 1/4" OD; mtd by two wire lead term; two wire leads soldered to term ea 1 1/2" lg; impr w/moisture and fungus resistant varnish. |                     |        | 16-C-74685-6685        | N16-RC-17794                     |                | 3C362-73              | CGG  | 24A105294                  | CGG        | 24A105294 1ssC              | AN/CPN-6<br>(2)   |
| -471133               | COIL, RF: 5/8/45<br>RF choke; single wnd, three pie universal wnd; unshielded; rated 500 microhenrys at 1,000 cyc, 10 ma, c/o three pie wnd ea w/117 turns #38 celanese E wire, 22 ohms DC resistance; 29/32" lg x 35/64" diam o/a excluding term; dummy resistor form, air core; form 29/32" lg x 9/32" OD; mtd by two wire lead term; moisture and fungusproof.   |                     |        | 16-C-74145-6310        | N16-RC-17705-30                  |                | 3C362-72              | CGG  | 24A105293                  | CGG        | 24A105293 1ssC              | AN/CPN-6<br>(2)   |
|                       |   |                     |        |                        |                                  |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                                  |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-269

**RESTRICTED**

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SHEET 47-270

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN   |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|---|
| -471134               | TRANSFORMER, IF: 5/9/45<br>peak freq 465 kc; used in BFO ckt; shielded in rectangular metal can; 3 1/2" h x 1 7/16" lg x 1 7/16" wd o/a excluding term and mtg studs; tuned pri and sec'd; adj powdered iron core w/soadr adj at top of can; two #4-40 thd mtg studs 1 5/16" o to c; six solder lug term on bottom; inductance at 465 kc of ea coil 250 p/m 10 microhenrys, ea coil 3.25 ohms DC resistance, 30 ohms AC resistance, incl mica capacitor Jan type CM20D1013 in parallel w/coil.   |                     |        | 17-T-67649-5286        |                 |                |                       | CAI |                            | CPT        | NL-34017-2 revD             | AN/ARQ-10   |
| -471135               | TRANSFORMER, IF: 5/9/45<br>peak freq 465 kc; intermediate stage; shielded in rectangular metal can; 3 1/2" h x 1 7/16" lg x 1 7/16" wd o/a excluding term and mtg studs; tuned pri and sec'd; adj powdered iron core w/soadr adj at top and bottom of can; two #4-40 thd mtg studs 1 5/16" o to c; six solder lug term on bottom; pri and sec'd rated 250 p/m 10 microhenrys, 7 ohms AC resistance, 3 ohms DC resistance, incl two mica capacitors Jan type CM20D4713 one in parallel w/ea coil. |                     |        | 17-T-67649-5386        |                 |                |                       | CAI |                            | CPT        | NL-34016-2 revD             | AN/ARQ-10   |
| -471136               | COIL, tube deflection: 5/8/45<br>tube deflection coil; c/o four coils ea w/1000 turns #36 wire, 85.5 p/m 15% ohms DC resistance, total inductance 0.091 hy; 2 5/8" OD x 1.615" ID x 1 13/64" lg o/a; mts on base of CR tube by hole through ctr of form.<br>NOTE: SO-9; SO-13; SR; SR-5; SU-1; VF.   |                     |        | 16-C-78185-6201        | N16-C-14658-15  |                |                       | CG  | 80G52                      | CEM<br>CAY | 972-473<br>K-5898743BU rev2 | SU<br>SO-1 thru<br>SO-4<br>SO-7M<br>SO-7H<br>SO-8<br>SEE NOTE |
| -471137               | COIL, RF: 5/8/45<br>RF choke; single wnd, three pie universal wnd; unshielded; rated 1.1 millihenrys, 247 mf shunt cap at 300 kc, ea pie has 40 ohms DC resistance, ea pie c/o 185 turns #38 E wire; 27/32" lg x 9/32" OD o/a excluding term; bakelite form, air core; mts by two axial wire lead term ea 1 1/2" lg one at ea end of form; impr w/moisture and fungusproof varnish.  |                     |        | 16-C-74416-4823        | N16-RC-17728-21 |                | 30362-71              | CGG | 24A105393                  | CGG        | 24A105393 1seB              | AN/CPN-6<br>(4)   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-270

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SHEET 47-271

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471138               | COIL, RF: 5/9/45<br>ant matching coil; freq range 3 to 22 mc, for matching 700 ohm ant or 250 ohm line to a 70 ohm coaxial cable; powdered iron core.   |                     |        |                        |                |                |                       | RW   |                            | RW         |                             |                   |
| -471139               | TRANSFORMER, IF: 5/9/45<br>peak freq 3 mc; interstage transf; shielded in rectangular metal can; 3 1/2" h x 1 7/16" lg x 1 7/16" wd o/a excluding term and mtg studs; tuned pri and sec; adj powdered iron cores w/secr adj at top and bottom of can; two #4-40 thd mtg studs 1 5/16" c to c; six solder lug term on bottom; pri and sec ea rated 28 p/m 1.5 microhenrys, 6.7 p/m 0.5 ohms AC resistance, 1.4 p/m 0.1 ohms DC resistance.   |                     |        | 17-T-67810-5436        |                |                |                       | CAI  |                            | CFT        | NL-34155-2A-2               | AR/ARQ-10         |
| -471140               | TRANSFORMER, IF: 5/9/45<br>peak freq 30 mc; input IF stage; shielded in rectangular metal can; 3 1/2" h x 1 7/16" lg x 1 7/16" wd o/a excluding term and mtg studs; tuned pri and sec; adj powdered iron cores w/secr adj at top and bottom of can; two #4-40 thd mtg studs 1 5/16" c to c; six solder lug term on bottom; pri and sec ea rated 28 p/m 1.5 microhenrys, 6.7 p/m 0.5 ohms AC resistance, 1.4 p/m 0.1 ohms DC resistance, incl one 100 mmf and one 70 mmf capacitor, ea in parallel w/one coil. |                     |        | 17-T-67810-5386        |                |                |                       | CAI  |                            | CFT        | NL-34155-2A-1               | AR/ARQ-10         |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-271

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SHEET 47-272

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471141               | TRANSFORMER, IF: 5/9/45<br>peak freq 465 kc; discriminator input stage; shielded in rectangular metal can; 3 1/2" h x 1 7/16" lg x 1 7/16" wd o/a excluding term and mtg studs; tuned pri and sec; adj powdered iron cores w/scdr adj at top and bottom of can; two #4-40 thd mtg studs 1 5/16" c to c; six solder lug term on bottom; inductance top/bottom coil 250 p/m 10/540 p/m 2.5 microhenrys, AC resistance top/bottom coil 7 p/m 0.5/17.5 p/m 1.5 ohms, DC resistance top/bottom coil 3.15 p/m 0.15/5.5 p/m 0.2 ohms, incl three mica capacitors.  |                     |        | 17-T-67649-5336        |                |                |                       | CAI  | NL-34018                   | CFT        | NL-34018-2C                 | AN/ARQ-10         |
| -471142               | TRANSFORMER, IF: 5/9/45<br>peak freq 3 mc; shielded in rectangular metal can; 3 1/2" h x 1 7/16" lg x 1 7/16" wd o/a excluding term and mtg studs; tuned pri and sec; adj powdered iron cores w/scdr adj at top and bottom of can; two #4-40 thd mtg studs 1 5/16" c to c; six solder lug term on bottom; top coil rated 28.2 p/m 0.5 microhenrys 6.9 p/m 0.2 ohms AC resistance, 1.4 p/m 0.1 ohms DC resistance, bottom coil rated 72.5 p/m 1.5 microhenrys, 17.5 p/m 0.5 ohms AC resistance, 2.2 p/m 0.25 ohms DC resistance, incl three mica capacitors. |                     |        | 17-T-67810-5311        |                |                |                       | CAI  |                            | CFT        | NL-34154-24                 | AN/ARQ-10         |
| -471143               | TRANSFORMER, IF: 5/9/45<br>peak freq 3 mc; used in BFO okt; shielded in rectangular metal can; 3 1/2" h x 1 7/16" wd x 1 7/16" lg o/a excluding term and mtg studs; tuned pri and sec; adj powdered iron core w/scdr adj at bottom of can; two #4-40 thd mtg studs 1 5/16" c to c; six solder lug term on bottom, three are not used; coil c/o 65 turns #34 E wire tapped at 25 turns, rated 40 millihenrys, 2.48 ohms DC resistance.   |                     |        | 17-T-67810-5286        |                |                |                       | CAI  |                            | CFT        | NL-34882-2 1ssa             | AN/ARQ-10         |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-272

**RESTRICTED**

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SHEET 47-273

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | Co-FAC-TOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|-----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471144               | COIL, RF:<br>5/9/45<br>single wnd, single layer wnd; unshielded; rated zero to 95 microhenrys, c/o 41 turns #16 drawn silver jacketed half hard copper wire, 13 turns per inch, 4.27 ohms AC resistance, 0.14 ohms DC resistance; approx 4.5" h x 2 7/8" wd x 3 1/4" lg o/a; air core; form approx 3 7/8" lg x 2 1/4" OD; adj shaft w/roller type cont used to vary inductance; mts by four mtg holes spaced 1.25" x 4.5" on mtg plate; two solder term; mtd between two end pieces w/roller type cont. |                     |        | 16-C-76514-8381        |                 |                |                       | CFT | 34557-2                    | CFT        | NL-34557-2 1ssF             | AN/ARQ-10         |
| -471145               | COIL, RF:<br>5/9/45<br>RF filter coil; single wnd, single pie wnd; unshielded; rated 1 millihenry at 1000 cyc, c/o 100 turns #24 DSC wire, 0.45 ohms DC resistance; 1 9/32" lg x 3/8" h x 1" wd o/a excluding term; phenolic form; 1/4" mtg hole in ctr; two solder term on end plate.  |                     |        | 16-C-74342-9019        |                 |                |                       | CFT | NL-35548-2                 | CFT        | NL-35548-2 1ssF             | AN/ARQ-10         |
| -471146               | COIL, RF:<br>5/9/45<br>retardation coil; single wnd, duolateral wnd; unshielded; rated 5.25 millihenrys max, 4.75 millihenrys min at 10 kc, c/o 515 turns #35 E wire, 40 ohms DC resistance; 1 7/16" OD x 1 9/32" lg o/a; air core, ins form; two mtg holes in base 3/4" c to c; two solder lug term on base.   |                     |        | 16-C-74880-8602        | N16-C-13163-515 |                |                       | CW  | D-171609                   | CW         | ESA-663637 1ss2             | FSA               |
| -471147               | COIL, RF:<br>5/9/45<br>RF choke; single wnd, two pie universal wnd; unshielded; rated 17.4 microhenrys, c/o two pies ea w/32 turns #28 DS wire, 0.5 ohms DC resistance, 0.6 amp; 5/8" lg x 7/16" diam o/a excluding term; natural bakelite coil form, air core; form 5/8" lg x 1/4" OD; mts by two wire lead term approx 1/2" lg.   |                     |        | 16-C-73260-8965        | N16-C-13112-1   |                |                       | CNA |                            | CRM        | 1000A-276 alt0              | DEM-1             |
|                       |   |                     |        |                        |                 |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                 |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
 SUPPLEMENT # 1

SHEET 47-273

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SHEET 47-274

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFOR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO             | EQUIPMENT USED IN  |
|-----------------------|---|---------------------|--------|------------------------|-----------------|----------------|-----------------------|------------|----------------------------|------------|---|--------------------|
| -471148               | COIL, RF: 5/9/45<br>RF choke; single wnd, single layer wnd; unshielded; rated 3.8 microhenrys at 1000 cyc, c/o 43 turns #30 E wire, 0.25 ohms DC resistance; 5/8" lg x 3/16" diam o/a excluding term; bakelite dummy resistor form, air core; form 5/8" lg x 5/16" OD; mts by two wire lead term approx 1 1/2" lg; vacuum impr w/fungus resistent verhiab.  |                     |        | 16-C-72599-7533        | N16-RC-17758-70 |                | 30362-68              | CGG        | 24A103241                  | CGG        | 24A103241 1eaA                          | AN/CPN-6 (19)      |
| -471149               | COIL, RF: 5/9/45<br>dual RF choke; two wnd in series, double bank; unshielded; two choke coils connected in series, rated 85 microhenrys and 100 microhenrys, 71 turns and 81 turns #24 DE wire, 0.53 ohms DC resistance and 0.60 ohms DC resistance, self resonant above 20 mc; 7" lg x 1" OD o/a excluding term; air core, round ceramic form; form 7" lg x 1" OD; mts by two stand-off ins 1 1/4" lg x 1/2" diam using two #6-32 x 1/2" FH screw; two solder term lugs one at ea end of coil form. |                     |        | 16-C-73931-8477        | N16-C-13163-82  |                |                       | COL<br>COL | GA-815D<br>571 0815 40     | COL<br>COL | 815D-1<br>571 0815 40<br>revD6578       | TDH<br>TDH-4(3)    |
| -471150               | COIL, RF: 5/9/45<br>RF choke; single wnd, single layer wnd; unshielded; rated 96 microhenrys at 10r, 1000 cyc, c/o 144 turns #24 E wire, 10.268 ohms DC resistance; 7" lg x 1" diam o/a excluding term; air core; form 7" lg x 1" OD; mts by two holes 5/32" diam 6 1/2" o to c; two solder lug term one at ea end of coil.   |                     |        | 16-C-73719-1884        | N16-C-13252     |                |                       | COL        | 507 3779 50                | COL<br>COL | 507 3779 50<br>revD10984<br>X-3779 alt5 | TD0(2)             |
| -471151               | COIL, RF: 5/9/45<br>RF choke; single wnd, single layer wnd; unshielded; rated 100 microhenrys at 1000 cyc, c/o 144 turns #24 duo-E copper wire, 1.05 ohms DC resistance, self resonant between 21 and 22 mc; 7 3/4" lg x 1" diam o/a; air core, round ceramic form; form 7" lg x 1" OD; mts by two stand-off ins 1 1/4" lg x 1/2" diam using two #6-32 x 1/2" FH screw; two solder term lugs, one at ea end of coil form.   |                     |        | 16-C-73782-1989        | N16-C-13163-150 |                |                       | COL<br>COL | GA-816D<br>571 0816 40     | COL<br>COL | 816D<br>571 0816 40 rev0                | TDH(3)<br>TDH-4(3) |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-274

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SHEET 47-275

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR         | MANUFACTURER'S PART NUMBER    | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                                  |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|-----------------------|--------------|-------------------------------|------------|-----------------------------|--|
| -471152               | <p>COIL, RF: 5/10/45</p> <p>RF choke; single wnd, two pie wnd; unshielded; rated 1 millihenry at 10v, 1000 cyc, c/o two pie wnd ea w/222 turns #36 ES wire, 18 ohms DC resistance, 125 ma DC; 2" lg x 1/2" diam o/a; ceramic form, air core; form 2" lg x 7/32" OD; mts by two wire lead term, ea 2 1/4" lg; low loss impr.</p>  |                     |        | 16-C-74376-7785        | N16-C-13219-10  | R16-C-17501    |                       | CNA<br>COL   | R-100 modified<br>240 2300 00 | COL        | 240 2300 00 revI            | TDH(3)<br>TDH-2(2)<br>TDH-3(13)<br>TDH-4(3)<br>TDO |
| -471153               | <p>COIL, RF: 5/10/45</p> <p>RF choke; two wnd, one pie wnd; unshielded; ea sect rated 0.25 millihenrys at 10v, 1000 cyc, ea pie w/120 turns #24 DS wire, 0.75 ohms DC resistance per sect, 1 amp DC; 1" lg x 1 1/4" diam o/a excluding term; bakelite form, air core; form 1" lg x 1/2" OD; mte by #6-32 thd hole in ctr of core; four term, two ea end mtd on phenolic disk.</p>  |                     |        | 16-C-75896-3293        | N16-C-13154-125 |                |                       | OMM<br>4535  |                               | COL        | 240 5200 00 rev0            | TDH<br>TDH-2 thru<br>TDH-4<br>TDO                  |
| -471154               | <p>TRANSFORMER, IF: 5/10/45</p> <p>peak freq 455 kc; shielded in rectangular metal can; 3" h x 1 3/8" lg x 1 3/8" wd o/a excluding mtg studs; air core; tuned pri and secd; two adj ceramic capacitors w/secd adj at top of can; mts by two spade bolts; four color coded wire lead term from bottom of can; DC resistance pri and secd ea rated 21.7 ohms DC resistance, Q is 100, ea trimmer capacitor range 40 to 120 mmf, nom 80 mmf.</p>  |                     |        | 17-T-67615-8401        | N16-T-6071      |                | 2Z9641.55             | CAQB<br>CHEL | 3327<br>50B097                | CHEL       | 50B097 revF                 | RCF  |
| -471155               | <p>TRANSFORMER, IF: 5/10/45</p> <p>peak freq 455 kc, pri tuned to 546 kc, secd tuned to 355 kc; used in AVC ckt; shielded in rectangular metal can; 3 5/8" h x 1 13/32" lg x 1 13/32" wd o/a excluding mtg studs; tuned pri; adj powdered iron core w/secd adj at top of can; mtd by two spade bolts; four color coded wire lead term from bottom of can; DC resistance, pri 13.6 ohms, secd 22.3 ohms, pri Q is 35, secd Q is 45, incl one 100 mmf across pri and one 25 mmf capacitor across secd, wax impr.</p> |                     |        | 17-T-67625-2401        |                 |                | 2Z9641.47             | CAQB<br>CHEL | 717<br>50B080                 | CHEL       | 50B080 revF                 | RCF  |
|                       |  |                     |        |                        |                 |                |                       |              |                               |            |                             |  |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-275

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SHEET 47-276

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR         | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|--------------|----------------------------|------------|----------------------------|-------------------|
| -471156               | TRANSFORMER, IF: 5/10/45<br>peak freq 455 kc; final IF stage; shielded in rectangular aluminum can; 1 7/8" lg x 1 15/32" wd x 4 5/16" h o/a; powdered iron cores; tuned pri and sec; variable mica capacitor tuned; mtd by two spade bolts 1 3/8" c to c; four solder lug term on bottom of can; hollowax impr, incl two fixed silver mica capacitors.   |                     |        | 17-T-67620-1901        | N16-T-6074     |                | 229641.102            | CAQB<br>CHEL | 3365<br>50B083             | CHEL       | 50B083 188 G               | RCF               |
| -471157               | TRANSFORMER, IF: 5/10/45<br>peak freq 455 kc; first IF stage; shielded in rectangular metal can; 4" h x 1 7/8" lg x 1 7/16" wd, o/a excluding mtg studs and tuning adj; tuned pri and sec; adj powdered iron cores w/scdr adj in side of can; two thd spade bolts 1 13/32" c to c; eight color coded wire lead term, two w/grid caps; pri Q is 50, capacity 400 mmf at 469 kc, sec Q is 77, capacity 400 mmf at 476.5 kc, incl two 270 mmf capacitors, one 250 mmf capacitor and one 0.5 meg resistor. |                     |        | 17-T-67633-6799        | N16-T-6075     |                | 229641.70             | CFW          | 50C082                     | CHEL       | 50C082 rev E               | RCF               |
| -471158               | TRANSFORMER, IF: 5/10/45<br>peak freq 455 kc; xtal transf stage; shielded in rectangular aluminum can; 1 15/16" lg x 1 7/16" wd x 4" h o/a excluding mtg studs and tuning adj; tuned pri and sec; adj powdered iron cores w/scdr adj at side of can; two thd mtg studs 1 3/8" c to c; eight wire lead term from bottom of can; pri Q is 87, sec Q is 88, incl one 85 mmf capacitor across sec and one 125 mmf capacitor in series w/pri, vacuum impr, flash dipped, moistureproof.                     |                     |        | 17-T-67633-3791        |                |                |                       | CFW          |                            | CHEL       | 50C081 rev E               | RCF               |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-276

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SHEET 47-277

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY OWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E B O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                     |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|---------------------------------------|
| -471159               | TRANSFORMER, IF: 5/11/45<br>peak freq 30 mc; first interstage coupling transf; unshielded; approx 1" lg x 3/4" h x 3/4" wd o/a excluding term; air core; four solder lug term, two on ea end; ea wnd c/o 26 turns #34 wire, 0.5396 ohms DC resistance.   |                     |        | 17-T-68251-6429        | RL6-T-5912-20  |                |                       | CW   | ES0-694247-7               | CW         | ES0-694247-7<br>18813       | AK-12 Mod0                            |
| -471160               | TRANSFORMER, IF: 5/15/45<br>peak freq 455 kc, range 445 to 465 kc; diode output transf; shielded in rectangular metal can; 4" h x 2" lg x 1 7/16" wd o/a excluding term and mtg studs; air core; tuned pri; var air capacitor w/hex nut and sedr adj on top of can; two #6-32 thd mtg studs on 1 11/32" x 1" diagonal mtg/c; six solder lug term on bottom; incl one 150 mmf capacitor across pri, wax impr and BS coils.  |                     |        | 17-T-67611-5181        |                |                |                       | CHC  |                            | COL        | 278 3200 00 rev2            | DAB (2)<br>thru<br>DAB-2 (2)<br>DAB-3 |
| -471161               | TRANSFORMER, IF: 5/15/45<br>peak freq 455 kc, range 445 to 465 kc; used in 75 ohm line to grid ckt; shielded in rectangular metal can; 4" h x 2" lg x 1 7/16" wd o/a excluding term and mtg studs; air core; tuned pri and secd; var air capacitors w/hex nut and sedr adj on top of can; two #6-32 thd mtg studs on 1" x 1 11/32" diagonal mtg/c; six solder lug term on bottom; incl two 170 mmf capacitors, coils are wax impr and BS.                                |                     |        | 17-T-67618-9300        |                |                |                       | CHC  |                            | COL        | 278 3000 00 rev0            | DAB thru<br>DAB-3                     |
| -471162               | TRANSFORMER, IF: 5/15/45<br>peak freq 455 kc, range 445 to 465 kc; used in EPO stage; shielded in rectangular metal can; 4" h x 2" lg x 1 7/16" wd o/a excluding term and mtg studs; air core; tuned pri; var air capacitor w/hex nut and sedr adj on top of can; two #6-32 thd mtg studs on 1" x 1 11/32" diagonal mtg/c; six solder lug term on bottom; incl one 150 mmf capacitor, one 95 mmf capacitor and one 50,000 ohm, 1/2w resistor, coils are wax impr and BS. |                     |        | 17-T-67610-5201        |                |                |                       | CHC  |                            | COL        | 278 3300 00 rev2            | DAB thru<br>DAB-3                     |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-277

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SHEET 47-278

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                     |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|---------------------------------------|
| -471163               | TRANSFORMER, RF: 5/15/45<br>peak freq 455 kc, range 445 to 465 kc; interstage transf; shielded in rectangular metal can; 4" h x 2" lg x 1 7/16" wd o/a excluding term and mtg studs; air core; tuned pri and secd; var air capacitors w/hex nut and sodr adj on top of can; two #6-32 thd mtg studs on 1" x 1 11/32" diagonal mtg/c; six solder lug term on bottom; incl two 170 mmf capacitors, coils are wax impr and BS. |                     |        | 17-T-67618-9230        |                |                |                       | CBC  |                            | COL        | 278 3100 00 rev 0           | DAB (2)<br>thru<br>DAB-2 (2)<br>DAB-3 |
| -471164               | TRANSFORMER, RF: 5/15/45<br>3 wnd pri w/LH wnd; unshielded; pri c/o 5 turns paralleled #18 E wire, secd #1 c/o 4 turns #28 CDS wire, secd #2 c/o 1 turn #14 bus wire; 2" lg x 1" OD o/a excluding term; adj powdered iron core w/sodr adj on one end of case; mts by two #4-36 thd mtg holes 5/8" c to c; four solder lug term, two wire lead term; same as NT-471165 except that pri are wnd in opposite directions.       |                     |        | 17-T-82436-4099        |                |                |                       | COL  | 572 0474 40                | COL        | K-474D-1<br>rev D8534       | DAB thru<br>DAB-3                     |
| -471165               | TRANSFORMER, RF: 5/15/45<br>3 wnd, pri w/RH wnd; unshielded; pri c/o 5 turns paralleled #18 E wire, secd #1 c/o 4 turns #28 DSC wire, secd #2 c/o 1 turn #14 bus wire; 2" lg x 1" OD o/a excluding term; adj powdered iron core w/sodr adj on one end of case; mts by two #4-36 thd mtg holes 5/8" o to c; four solder lug term, two wire lead term; same as NT-471164 except that pri are wnd in opposite directions.      |                     |        | 17-T-82436-4104        |                |                |                       | COL  | 571 0474 40                | COL        | K-4740-1<br>rev D8534       | DAB thru<br>DAB-3                     |
| -471166               | TRANSFORMER, RF: 5/15/45<br>osc transf; two wnd, two pie wnd; shielded in rectangular metal can; coil #1 rated 27.7 millihenrys, c/o 850 turns #7-41 Litz wire, 55 ohms DC resistance, coil #2 rated 11.5 millihenrys, c/o 1250 turns #7-41 Litz wire, 31 ohms DC resistance; 2 15/16" lg x 2 1/4" h x 3 1/2" wd o/a incl term; air core; mts by four mtg studs on 1 1/2" x 2" mtg/c; four wire lead term; potted.          |                     |        | 17-T-81252-6211        |                |                |                       | CBM  | 903-3002                   | CBM        | 903-3002 alt 0              | QFB(3)<br>QFB-1(3)                    |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                                       |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                                       |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                                       |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-278

**RESTRICTED**

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO                                  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO    | EQUIPMENT USED IN   |
|-----------------------|---|---------------------|--------|------------------------|---|----------------|-----------------------|------------|----------------------------|------------|--------------------------------|---------------------|
| -471167               | SUPPRESSOR, parasitic: 5/17/45<br>resistor and coil; 19/32" lg x 7/32" OD o/a excluding term; c/o six turns #18 wire on 10 ohms resistor; uncased; mtd by two lead wire term ea 1 1/2" lg.  |                     |        | 16-S-89859-1041        | N16-N-492-235<br>N16-C-13276-6<br>N16-N-493-113 |                |                       | COL<br>COL | GA-1064A<br>571 1064 10    | COL        | 1064A-3<br>rev D11151          | TDE<br>TDE-4<br>TDO |
| -471168               | TRANSFORMER, RF: 5/10/45<br>retardation coil; two wnd, single layer wnd, pri CT; unshielded; pri rated 83.5 microhenrys max, 80.5 microhenrys min at 100 kc, secd rated 5.15 microhenrys max, 4.75 microhenrys min at 100 kc, pri c/o 74 turns #29 E wire, tapped at 37 1/4 turns, 1.8 ohms DC resistance, secd c/o 10 turns #30 E wire, 0.325 ohms DC resistance; 3 3/8" lg x 1 1/4" OD o/a; air core, phenol plastic form; mtd by 7/32" diam mtg hole in ctr of form; five snap-on type term. |                     |        | 17-T-81906-3853        | N16-T-7084-20                                   |                |                       | CW         | D-170593                   | CW<br>CW   | B-409801-577<br>BA-108361 1se4 | FSA                 |
| -471169               | TRANSFORMER, RF: 5/10/45<br>retardation coil; two wnd, single layer wnd, pri CT; unshielded; pri rated 11.85 microhenrys max, 11.45 microhenrys min, secd 1.9 microhenrys max, 1.5 microhenrys min, pri c/o 29 turns #21E wire tapped at 14 1/4 turns, 0.112 ohms DC resistance, secd c/o 5 turns #26E wire, 0.072 ohms DC resistance; 3 3/8" lg x 1 1/4" OD o/a; air core, phenol plastic form; mtd by 7/32" diam mtg hole in ctr of form; five clip-on type term.                             |                     |        | 17-T-81896-7453        | N16-T-7084-25                                   |                |                       | CW         | D-170594                   | CW<br>CW   | B-409801-580<br>BA-108361 1se4 | FSA                 |
| -471170               | COIL, RF: 5/10/45<br>retardation coil; single wnd, tapped, single layer wnd; unshielded; rated 83.5 microhenrys max, 80.5 microhenrys min, 1.3 ohms DC resistance, c/o 72 turns #28E wire, tapped at 18 3/4 turns; 3 3/8" lg x 1 1/4" OD o/a; air core, phenol plastic form; mtd by 7/32" diam hole in ctr of core; three snap-on type term.  |                     |        | 16-C-73683-3287        | N16-T-7084-30                                   |                |                       | CW         | D-170595                   | CW<br>CW   | V-409800-235<br>BA-108286 1se3 | FSA                 |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

**RESTRICTED**

SHEET 47-280

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO     | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|---------------------------------|-------------------|
| -471171               | COIL, RF: 5/10/45<br>retardation coil; single wnd, single layer wnd, tapped; unshielded; rated 11.85 microhenrys max, 11.45 microhenrys min at 100 kc, 0.08 ohms DC resistance, c/o 25 turns #20E wire, tapped at 8 3/4 turns; 3 3/8" lg x 1 1/4" OD o/a; air core, phenol plastic form; mtd by 7/32" diam hole in ctr of core; three snap-on type term.                          |                     |        | 16-C-73151-9794        |                |                |                       | CW  | D-170596                   | CW<br>CW   | B-409800-238<br>BA-108286 1see3 | FSA               |
| -471172               | COIL, RF: 5/10/45<br>retardation coil; single wnd, single layer wnd, four taps; unshielded; rated 835 microhenrys max, 80.5 microhenrys min at 100 kc, 1.3 ohms DC resistance max, c/o 69 turns #28E wire, tapped at 3 1/12, 6 1/6, 9 1/4, 12 1/3 turns; 3 3/8" lg x 1 1/4" OD o/a; air core, phenol plastic core; mtd by 7/32" diam hole in ctr of forms; six clip-on type term. |                     |        | 16-C-73683-3297        |                |                |                       | CW  | D-170597                   | CW<br>CW   | B-409800-241<br>BA-108285 1see3 | FSA               |
| -471173               | COIL, RF: 5/10/45<br>retardation coil; single wnd, single layer wnd, four taps; unshielded; rated 11.85 microhenrys max, 11.45 microhenrys min at 100 kc, 0.13 ohms DC resistance, c/o 24 turns #22 E wire, tapped at 1 1/7, 2 2/7, 3 3/7, 4 4/7 turns; 3 3/8" lg x 1 1/4" OD o/a; air core, phenol plastic core; mtd by 7/32" diam hole in ctr of form; six clip-on type term.   |                     |        | 16-C-73151-9804        | N16-T-7084-45  |                |                       | CW  | D-170598                   | CW<br>CW   | B-409800-244<br>BA-108285 1see3 | FSA               |
| -471174               | COIL, RF: 5/10/45<br>retardation coil; single wnd, duolateral wnd; unshielded; rated 10.2 millihenrys max, 9.8 millihenrys min at 10 kc, 65 ohms DC resistance max, c/o 800 turns #35 E wire; 1 7/16" OD x 1 9/32" lg o/a; air core; mtd by 3/32" diam hole ctr of form; two solder lug term on top of form; moistureproof.   |                     |        | 16-C-75100-6619        |                |                |                       | CW  | D-170600                   | CW<br>CW   | B-409835-61T<br>BA-101650 1see3 | FSA               |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR       | MANUFACTURER'S PART NUMBER | CONTRACTOR     | CONTRACTOR'S DWG OR PART NO                  | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----------|----------------------------|----------------|--|-------------------|
| -471175               | COIL, RF: 5/10/45<br>retardation coil; single wnd, five pie duolateral wnd; unshielded; rated 2.75 millihenrys max, 2.25 millihenrys min at 25 kc, 90 ohms DC resistance, c/o 1150 turns #38 E wire; 1 1/2" lg x 17/32" OD o/a excluding term; air core, phenolic form; mtd by two wire lead term; encased in phenolic tube.                  |                     |        | 16-C-74687-3473        | ML6-C-13170-5  |                |                       | CW        | D-170647                   | CW<br>CW<br>CW | B-409863-10TE<br>BA-108235<br>BA-108244 iss1 | FSA               |
| -471176               | COIL, RF: 5/11/45<br>RF choke; single wnd, close wnd; unshielded; rated 3 microhenrys, 0.084 ohms DC resistance, c/o 16 turns #26 E wire; 2 3/16" lg x 11/16" OD o/a; molded phenolic form; adj iron core w/secr adj one end of form; mtd by 5/16" diam bushing; two solder lug term; fungus impr, moistureproof.                             |                     |        | 16-C-76567-7765        |                |                |                       | CFW<br>CG | M-7475449-2                | CG             | M-7475449-2 rev6                             | MK-36             |
| -471177               | TRANSFORMER, RF: 5/11/45<br>two wnd, single layer wnd; unshielded; pri wnd c/o 5 1/2 turns #26 formex wire, secd #1 c/o 5 turns #26 formex wire, secd #2 c/o 10 turns #26 formex wire; 2 13/16" h x 7/8" lg x 3/4" wd o/a; adj iron core w/secr adj at one end; mtd by bushing w/hex nut on base; four solder lug term on sides; fungus impr. |                     |        | 17-T-82437-7129        |                |                |                       | CFW       |                            | CG             | M-7475838-1 rev0                             | MK-36             |
| -471178               | COIL, RF: 5/11/45<br>RF filter coil; single wnd, four pie wnd; unshielded; rated 1 millihenry p/m 2 1/2", 10 ohms DC resistance p/m 10% cap 1.5 muf p/m 0.5, cur cap 125 ma; 1/2" OD x 1 1/2" lg o/a excluding term; ceramic form 1/4" OD x 1 1/2" lg; mtd by two wire leads, ea 1 1/2" lg.   |                     |        | 16-C-74349-4354        |                |                |                       | CFW       |                            | CG             | K-7109455-1 rev0                             | MK-36             |
| -471179               | SUPPRESSOR, parasitic: 5/11/45<br>resistor and coil; 5/8" lg x 3/16" OD o/a excluding term; first layer c/o 32 turns #26 E wire, second layer c/o 17 turns #26 E wire, wnd on 4700 ohms, 1/2w resistor; uncased; mtd by two axial wire lead term.   |                     |        | 16-S-89928-1856        |                |                |                       | CG        | ML-7109743-2               | CG             | K-7109743-7 rev3                             | MK-36             |
| -471180               | COIL, RF: 5/11/45<br>RF choke; one wnd, layer wnd; unshielded; wnd c/o 45 turns #33 E wire; 2" lg x 1/2" diam o/a excluding term; CPQ type CF-1 form, air core; form 2" lg x 1/2" OD; mtd by two wire lead term, one ea end.  |                     |        | 16-C-72636-7101        |                |                |                       | CG        | ML-7113794-1               | CG             | K-7113794-1 rev0                             | MK-36             |
|                       |   |                     |        |                        |                |                |                       |           |                            |                |  |                   |
|                       |   |                     |        |                        |                |                |                       |           |                            |                |  |                   |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN       |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------------|
| -471181               | COIL, RF: 5/11/45<br>CANCELLED: same as NT-471553.  |                     |        | 16-C-73731-7262        |                |                |                       | CFW |                            | CG         | K-7102200-5 rev2            | MK-36                   |
| -471182               | COIL, RF: 5/11/45<br>RF choke; one wnd, universal pie wnd; unshielded; rated 0.5 millihenrys; 7/16" lg x 1/2" diam o/a excluding term; air core, phenolic form 7/16" lg x 7/32" diam; mts by two wire lead term, one ea side; moistureproof, fungusproof.   |                     |        | 16-C-74128-1024        |                |                |                       | CFW | 13473                      | CG         | K-7110007-1 rev2            | MK-36                   |
| -471183               | COIL, RF: 5/11/45<br>retardation coil; single wnd, single pie, duolateral wnd; unshielded; rated 6.3 millihenrys min, 6.7 millihenrys max, 6.5 millihenrys nom at 30 kc, 25 ohms DC resistance max, c/o 610 turns #31 E wire; 1 7/16" OD x 1 9/32" lg o/a; air core, phenol plastic form; 5/32" diam mtg hole in ctr of form; two solder lug term on top of form.   |                     |        | 16-C-74971-3814        |                |                | 30303-107             | CW  | D-170115                   | CW         | BA-106374-1 1see1           | TS-35A/AP<br>MK-22 Mod1 |
| -471184               | COIL, RF: 5/11/45<br>retardation coil; two wnd, two pie duolateral wnd; unshielded; rated 6.7 millihenrys max, 6.3 millihenrys min at 30 kc for ea coil, total DC resistance series connection 38 p/m 2 ohms, ea coil c/o 610 turns #38 E wire; 1 7/16" OD x 1 9/32" lg o/a; air core, phenol plastic form; 5/32" diam mtg hole in ctr of form; four solder lug term on top of form.  |                     |        | 16-C-75850-3232        |                |                | 30303-106             | CW  | D-170106                   | CW         | BA-106374-2 1see2           | TS-35A/AP<br>MK-22 Mod1 |
| -471185               | TUNING UNIT, RF: 5/12/45<br>c/o thermocammeter w/ext thermocouple ant loading coil and mica capacitor, unit contained in a plastic box; 118 turns #10 tinned soft copper wire, 5 1/2 turns per in, 10" ID, tapped at ea turn to 30 turns incl then at 40, 50, 60, 70, 80, 90, 100 and 110 turns; wt 35 1/2 lb; 14" lg x 14" wd x 26" h o/a; mtd by two angle bkt six 1/4" holes on 5 1/16" x 10 1/8" x 9 1/2" mtg/o and one mtg bkt on other end w/clearance for 1/4" screw; two screw type term. |                     |        |                        |                |                |                       | ODE | C1861-A                    | CAEQ       | 1883-1 rev0                 | IR                      |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR        | CONTRACTOR'S DWG OR PART NO                        | EQUIPMENT USED IN  |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|-------------------|--|--|
| -471186               | COIL, tube deflection: 5/15/45<br>covered w/tape; rated 300 microhenrys, 61.2 ohms DC resistance, two coils of 600 turns ea of #29 E wire, random wnd; semicylindrical shape, ea coil; ea coil 2 1/8" lg x 9/32" thk x 2 1/8" h o/a formed on cyl covering arc of 165 deg w/rad of 27/32"; clamp mtd on CR tube, has two wire lead term; varnished.  |                     |        |                        | 16-C-14658-25  |                |                       | CG         | X-347643-2                 | CG                | X-347643-2 rev4                                    | SO-4<br>SK<br>SK-1M<br>SK-2<br><br>SK-3  |
| -471187               | COIL, RF: 5/15/45<br>RF choke; single wnd, two layer wnd; unshielded; rated approx 3 microhenrys, self resonant at 30 mc, first layer c/o 21 to 23 turns RH wnd, second layer c/o 12 to 14 turns LH wnd #24 E wire, DC resistance approx 0.05 ohms; 3/4" lg x approx 1/4" diam o/a excluding term; phenolic form, air core; form 5/8" lg x 3/16" diam; mts by two wire lead term, one ea end 1 7/16" lg; tropicalized. |                     |        | 16-C-72925-3740        | 16-RC-17665    |                | 30307-50<br>30307-74  | CFW        | 12734F                     | CRP<br>CBM<br>CAY | 92-5078-1 rev0<br>1000A-246 alt0<br>M-7421111 sub1 | SO-7M(16)<br>SO-7M(16)<br>SO<br>SO-a<br>SO-1(12)<br>SO-2(12)<br>SO-4<br>SO-8(12)<br>SO-9(12)<br>XXee-30264 |
| -471188               | CHOKER, RF: 5/15/45<br>RF choke; 1 wnd, pie wnd; unshielded; rated 1.08 millihenrys, DC resistance 10 ohms, wnd c/o 400 turns #15-44 Litz wire, tapped at 100 and 120 turns; approx 1 5/16" lg x 7/8" wd x 1 1/16" h o/a; bakelite form, air core; mts by 3/8" d x #6-32 thd hole in ctr of base; four solder lug term on top.   |                     |        | 16-C-74411-7251        |                |                |                       | CAOS       | 38060                      | CAOS              | B-38060C rev 3                                     | MK-6 Mod0  |
| -471189               | COIL, RF: 5/15/45<br>RF coil; one wnd, single layer wnd; shielded in rectangular metal can; tuned to 28 mc; c/o 13 1/2 turns #24 wire; 2 1/2" h x 1 3/8" lg x 1 3/8" wd o/a excluding term, mtg studs, and tuning adj; phenolic form; adj powdered iron core w/sodr adj and lock nut through top of can; mts by two spade bolts at base; two solder lug term on base; varnish impr.                                    |                     |        | 16-C-76351-7978        | 16-RT-77390    |                |                       | CFW<br>CFW | 300308-1<br>300472-1       | CFW<br>CFW        | 300308-1 rev8<br>300472-1 rev7                     | BN-1<br>BN-2   |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO    | EQUIPMENT USED IN  |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|--------------------------------|--------------------|
| -471190               | COIL, RF: 5/16/45<br>one wnd, single layer wnd; shielded in rectangular aluminum can; tuned to 30 mc; wnd c/o 14 1/2 turns #24 E wire; 2 1/2" h x 1 3/8" wd x 1 3/8" lg o/a excluding term, mtg studs, and tuning adj; phenolic form; adj powdered iron core w/scdr adj and lock nut on top of can; mts by two spade bolts; two solder lug term at base; tropicalized, varnished wnd. |                     |        | 16-c-76366-5955        | N16-RT-77395   |                | 3C1084232-12          | CFN<br>CFN | 300472-2<br>300308-4       | CFN<br>CFN | 300472-2 rev7<br>300308-4 rev8 | BN-1<br>BN-2       |
| -471191               | COIL, RF: 3/16/45<br>one wnd, single layer wnd; shielded in rectangular aluminum can; tuned to 32 mc; c/o 12 1/2 turns #24 E wire; 2 1/2" h x 1 3/8" lg x 1 3/8" wd o/a excluding term, mtg studs and tuning adj; phenolic form; adj powdered iron core w/scdr adj and lock nut through top of can; mts by two spade bolts; two solder lug term at base; tropicalized, varnish impr.  |                     |        | 16-c-76338-7978        | N16-RT-77380   |                | 3C1084232-11          | CFN        | 300308-2                   | CFN        | 300308-2 rev8                  | BN-1(2)<br>BN-2(2) |
| -471192               | COIL, RF: 5/16/45<br>one wnd; shielded in rectangular metal can; tuned to 30 mc; c/o 6 1/2 turns #24 E wire; 1 3/8" lg x 1 3/8" wd x 2 1/2" h o/a excluding term, mtg studs and tuning adj; phenolic form; adj powdered iron core w/scdr adj and lock nut through top of can; mts by two spade bolts at base of can; two solder lug term at base of can; tropicalized, varnish impr.  |                     |        | 16-c-76269-1205        | N16-T-5911-40  |                | 3C1084232-9           | CFN        | 300308-3                   | CFN        | 300308-3 rev8                  | BN-1<br>BN-2       |
| -471193               | COIL, RF: 5/16/45<br>osc choke coil; single wnd, three pie universal wnd; unshielded; rated 25 millihenrys, 33.8 ohms DC resistance, c/o 1311 turns #29 SE wire, 437 turns per pie; 1 1/2" lg x 1 1/2" OD o/a; air core, textolite form 1 1/2" lg x 3/4" OD; one 1/8" mtg hole ctr of form; two wire lead term; fungus and moistureproof.   |                     |        | 16-c-75339-7835        |                |                |                       | CG         | K347599-1                  | CG         | K347599-1 rev1                 | SC-1<br>SK         |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN               |
|-----------------------|---|---------------------|--------|------------------------|-----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|---------------------------------|
| -471194               | TRANSFORMER, IF: 5/16/45<br>peak freq 455 kc, range 430 to 480 kc; shielded in rectangular metal can; 3 11/16" h x 2 1/16" lg x 2 1/16" wd o/a excluding term, mtg studs and tuning adj; tuned pri and sec; adj powdered iron core w/scdr adj on top of can; two #6-32 thd x 9/32" lg mtg studs 1 15/16" c to c; six solder lug term on bottom; inductance ea wmd 710 millihenrys at 1,000 cyc w/other wmd shorted, min Q is 145 at 455 kc, mutual inductance at 455 kc is 9.75 millihenrys p/m 5%, incl two 160 mmf capacitors, flash dipped in wax.   |                     |        | 17-T-67632-9664        | N16-T-5916-4    |                |                       | CFW  |                            | CMX        | B-360178 revB               | RCT<br>RCU<br>RCU-1             |
| -471195               | TRANSFORMER, IF: 5/16/45<br>peak freq 455 kc, range 430 to 480 kc; shielded in rectangular metal can; 3 11/16" h x 2 1/16" lg x 2 1/16" wd o/a excluding term, mtg studs and tuning adj; tuned pri and sec; adj powdered iron core w/scdr adj on top of can; two #6-32 thd x 9/32" lg mtg studs 1 15/16" c to c; four solder lug term on bottom; inductance ea wmd 675 millihenrys at 1,000 cyc w/other wmd shorted, min Q is 120 at 455 kc, mutual inductance at 455 kc is 16.25 microhenrys p/m 5%, incl two 170 mmf capacitors, flash dipped in wax. |                     |        | 17-T-67632-9664        | N16-T-5911-11   |                |                       | CFW  |                            | CMX        | B-360179 revB               | RCT<br>RCU<br>RCU-1             |
| -471196               | COIL, RF: 5/17/45<br>RF choke; single wmd, universal wmd; unshielded; rated 25 millihenrys at 500 kc, o/o 1750 turns #34 ES wire, 1/2 cross over per turn, 85 ohms DC resistance, closed in shell of soft fibre tubing, freq range 50 to 450 kc; 1.015" lg x 1" diam o/a; air core; 0.437" OD x 1.062" lg; mts by hole through ctr of core; two solder lug term; impr.  |                     |        | 16-C-75336-5218        | N16-C-13228-100 |                |                       | CRV  | M-417043-501               | CRV        | M-417043-501<br>revB        | RBP(41)<br>RBP-1(32)<br>RCP(32) |
| -471197               | COIL, RF: 5/17/45<br>RF choke; single wmd, single layer close wmd; unshielded; rated 35 microhenrys, 0.1 ohms p/m 10% DC resistance at 1,000 cps, c/o 69 turns #18E copper wire; 4" lg x 1" diam o/a; phenolic form, air core; mts by two 1/8" diam holes 3 5/8" c to c; two wire lead-term, one from ea end of coil; varnish impr.   |                     |        | 16-C-73459-2697        | N16-C-13157-50  |                |                       | CMX  | XB360147-1                 | CMX        | XB360147-1 revA             | RAK-8 (2)<br>RAL-8 (2)          |
|                       |   |                     |        |                        |                 |                |                       |      |                            |            |                             |                                 |
|                       |   |                     |        |                        |                 |                |                       |      |                            |            |                             |                                 |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO | EQUIPMENT USED IN               |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|----------------------------|---------------------------------|
| -471198               | COIL, RF: 5/17/45<br>choke; single wnd, single layer space wnd; unshielded; rated 1.18 microhenrys, less than 0.1 ohm DC resistance, freq range 150 to 240 mc, o/o 16 turns #22 E copper wire; 1 3/4" lg x 1/2" diam o/a; bakelite form; has one #6-32 thd x 1/4" d hole for screw at one end of form; two solder lug term, one at ea end of form.   |                     |        | 16-C-72792-7036        |                |                |                       | CRV | K-876118-501               | CRV        | K-876118-501<br>rev0       | OAA<br>OAF<br>OAO<br>OAO-1      |
| -471199               | COIL, RF: 5/18/45<br>choke; single wnd, universal wnd; unshielded; rated 1.2 millihenrys p/m 10% at 500 kc, o/o 235 turns #34 EE wire, freq range 3 to 24 mc, 325 ohms p/m 2% DC resistance; 29/32" lg x 13/16" diam o/a excluding term; air core; mts by two holes; two solder lug term; impr.  |                     |        | 16-C-74440-7438        |                |                |                       | CRV | P-712708-507               | CRV        | P-712708-507<br>rev1       | RBP(45)<br>RBP-1(34)<br>RBP(34) |
| -471200               | TRANSFORMER, RF: 5/17/45<br>input trans; four wnd; shielded in cylindrical metal can; impedance range 100 to 345 ohms, pri #1 and #2 ea o/o 306 turns #32 E wire, pri #1 has 9 ohms DC resistance, pri #2 has 12 ohms DC resistance, secd 0.65 ohms DC resistance, o/o 87 turns #25 E wire, freq response 14 to 30 kc; 3 7/16" h x 2 3/8" lg x 2" wd o/a; air core; 4 mtg holes for #8 screw on 2" x 1 1/2" mtg/c; eight solder lug term on bottom.                                      |                     |        | 17-T-81337-2448        | N16-T-7004-50  |                |                       | CRP | U-7428                     | CEM<br>CEM | 1000A-172 a1t3<br>3660E    | QCA                             |
| -471201               | TRANSFORMER, RF: 5/17/45<br>input trans; four wnd; shielded in cylindrical metal can; impedance range 500 to 12600 ohms, pri #1 has 45 ohms DC resistance, o/o 750 turns #35 E wire, pri #2 has 65 ohms DC resistance, o/o 750 turns #35 E wire, secd #1 has 4.5 ohms DC resistance, o/o 285 turns #29 E wire, freq response 14 to 30 kc; 2 11/16" h x 2 3/8" d x 2" wd o/a excluding term; air core; four mtg holes for #8 screw on 1 1/2" x 2" mtg/c; eight solder lug term on bottom. |                     |        | 17-T-81372-4750        | N16-T-6266     |                |                       | CRP | U-7429                     | CEM<br>CEM | 1000A-173 a1t1<br>3360J    | QCA(2)                          |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN               |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|---------------------------------|
| -471202               | TRANSFORMER, IF: 5/18/45<br>peak freq 450 kc; first IF trananf, second stage; shielded in rectangular aluminum can; 5" h x 2 3/4" wd x 3 1/2" lg o/a; air core; tuned pri and secd; two var air capacitors w/sldr adj at bottom of can; four 0.205" diam holes on 2.166" x 2.916" mtg/c; four color coded wire lead term from bottom; four coils ea rated 1.48 millihenrys, incl one 200,000 and two 50,000 resistors, and four 100 kmf var capacitors |                     |        | 17-T-67586-1957        |                |                |                       | CRV  | T-607806-502               | CRV        | T-607806-502<br>rev2        | RBP                             |
| -471203               | COIL, RF: 5/18/45<br>RF choke; single wnd, universal wnd; unshielded; rated 0.37 millihenrys at 500 kc, 5.5 ohms DC resistance, c/o 156 turns #34 ES wire, freq range 3 to 24 mc; 5/8" lg x 1" OD o/a excluding term; molded composition form, air core; mts by one #6-32 thd RH screw through ctr of form; two solder lug term on top of form; varnish impr.  |                     |        | 16-C-74081-5317        |                |                |                       | CRV  | P-712708-508               | CRV        | P-712708-508<br>rev11       | RBP(3)<br>RBP-1(3)<br>RCP(3)    |
| -471204               | COIL, RF: 5/18/45<br>RF choke; single wnd, universal wnd; unshielded; rated 25 millihenrys at 500 kc, 85 ohms DC resistance, c/o 1750 turns #34 ES wire, freq range 3 to 24 mc; 1" lg x 1" OD o/a excluding term; mts by one #6-32 thd RH screw through ctr of form; two solder lug term on top of form; varnish impr.   |                     |        | 16-C-75336-2090        |                |                |                       | CRV  | P-712708-501               | CRV        | P-712708-501<br>rev11       | RBP(16)<br>RBP-1(8)<br>RCP(8)   |
| -471205               | COIL, RF: 5/18/45<br>RF choke; universal wnd, single wnd; unshielded; rated 11 microhenrys p/m 10% at 500 kc, 0.05 ohms DC resistance p/m 10%, c/o 38 turns #18 DCC wire, freq range 3 to 24 mc; 13/16" OD x 7/8" lg o/a excluding term; molded ins form; mts by one #6-32 thd RH screw through ctr of form; two solder term on top of form; impr.   |                     |        | 16-C-73144-6811        |                |                |                       | CRV  | P-712708-502               | CRV        | P-712708-502<br>rev11       | RBP(21)<br>RBP-1(12)<br>RCP(12) |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-287

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SHEET 47-288

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471206               | TRANSFORMER, RF: 5/18/45<br>two wnd, secd CT; shielded in rectangular aluminu can; coil #1 rated 10.6 millihenrys, coil #2 rated 8.23 millihenrys; 2 3/4" lg x 3 1/2" wd x 5" h o/a; air core; four 0.205" diam holes on 2.916" x 2.166" mtg/c; seven color coded wire lead term; incl one 100 mmf variable air capacitor, one 140 mmf variable air capacitor, one 12 mmf mica capacitor, one 1500 mmf mica capacitor, one 560 mmf mica capacitor, one resistor NT-63355-503, one resistor NT-63355-103, one resistor NT-63355-102, two resistors NT-63355-502, one resistor NT-63355-104. |                     |        | 17-T-81246-8827        |                |                |                       | CRV | T-607806-506               | CRV        | T-607806-506<br>rev2        | RBP               |
| -471207               | TRANSFORMER, IF: 5/18/45<br>peak freq 450 kc; first IF transf, first stage; shielded in rectangular aluminum can; 5" h x 2 3/4" wd x 3 1/2" lg o/a; air core; tuned pri and secd; two var air capacitors w/secd adj at bottom of can; four 0.205" diam holes on 2.166" x 2.916" mtg/c; four color coded wire lead term from bottom; incl four 100 mmf var air capacitors, one 200,000 ohms, one 50,000 ohm, and one 5000 ohm resistor, c/o four coils ea rated 1.48 millihenrys.   |                     |        | 17-T-67586-1937        |                |                |                       | CRV | T-607806-503               | CRV        | T-607806-503<br>rev2        | RBP               |
| -471208               | TRANSFORMER, IF: 5/18/45<br>peak freq 50 kc; second IF trans, first stage; shielded in rectangular aluminum can; 5" h x 3 1/2" lg x 2 3/4" wd o/a; air core; tuned pri and secd; two var air capacitors w/secd adj at bottom of can; four 0.205" diam holes on 2.166" x 2.916" mtg/c; four color coded wire lead term from bottom; pri and secd ea rated 18.4 millihenrys, incl two 200 mmf mica capacitors, two 50 mmf var air capacitors and two 50000 ohm resistors.  |                     |        | 17-T-67437-8453        |                |                |                       | CRV | T-607806-504               | CRV        | T-607806-504<br>rev2        | RBP               |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-288

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SHEET 47-289

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORP'S STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|------------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471209               | TRANSFORMER, IF: 5/18/45<br>peak freq 50 kc; second IF transf, second stage; shielded in rectangular aluminum can; 5" h x 2 3/4" wd x 3 1/2" lg o/a; iron core; tuned pri and secd;<br><br>two var air capacitors w/scdr adj at bottom of can; four 0.205" diam holes on 2.166" x 2.916" mtg/c; four color coded wire lead term from bottom; incl two 50 mmf var air capacitors, two 200 mmf mica capacitors, and two 50,000 ohm resistors, c/o two coils ea rated 18.4 millihenrys, similar to NT-471210 except one term is different color and similar to NT-471208 except for iron core. |                     |        | 17-T-67437-8483        |                |                |                        | CRV | T-607806-511               | CRV        | T-607806-511<br>rev2        | RBP               |
| -471210               | TRANSFORMER, IF: 5/18/45<br>peak freq 50 kc; second IF transf, third stage; shielded in rectangular aluminum can; 5" h x 2 3/4" wd x 3 1/2" lg o/a; iron core; tuned pri and secd;<br><br>two var air capacitors w/scdr adj at bottom of can; four 0.205" diam holes on 2.166" x 2.916" mtg/c; four color coded wire lead term from bottom; c/o two coils ea rated 18.4 millihenrys, two 50 mmf var air capacitors, two 200 mmf mica capacitors, two 50,000 ohm resistors, similar to NT-471209 except one has different color, and similar to NT-471208 except for iron core.              |                     |        | 17-T-67437-8498        |                |                |                        | CRV | T-607806-505               | CRV        | T-607806-505<br>rev2        | RBP               |
| -471211               | TRANSFORMER, RF: 5/18/45<br>diode driver ckt; two wnd, secd CT; shielded in rectangular aluminum can; coil #1 rated 10.6 millihenrys, coil #2 rated 8.23 millihenrys; 2 3/4" lg x 3 1/2" wd x 5" h o/a; iron core; four 0.205" diam holes on 2.916" x 2.166" mtg/c; seven color coded wire lead term; incl one 400 mmf variable air capacitor, one 140 mmf variable air capacitor, one 12 mmf mica capacitor, one 1,500 mmf mica capacitor, one 22 mmf mica capacitor, one resistor NT-63355-653, one resistor NT-63355-104, one resistor NT-63355-203.                                     |                     |        | 17-T-81246-8825        | N16-T-6018     |                |                        | CRV | T-607806-508               | CRV        | T-607806-508rev2            | RBP               |

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NAVSHIPS 900.109(A)  
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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR               | MANUFACTURER'S PART NUMBER                   | CONTRACTOR        | CONTRACTOR'S DWG OR PART NO  | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-------------------|--|-------------------|--|-------------------|
| -471212               | COIL, RF: 5/21/45<br>RF plate choke; single wnd, RE universal wnd; unshielded; inductance 0.78 millihenrys at 640 to 830 kc, DC resistance 2.12 ohms, c/o 208 turns #26 EBS wire; approx 2 1/2" lg x 2 3/16" OD o/a; Monsanto form, air core; form 2 1/2" lg x 9/16" diam; mts by tapped hole at one end of form; two solder hook type term, one on ea side of coil on form; varnish impr.   |                     |        | 16-C-74254-5497        | N16-C-13171-1  |                |                       | CRV<br>CRV<br>CRV | K-30042-6 fig3<br>K-874951-501<br>K-874940   | CRV<br>CRV<br>CRV | K-30042-6 fig3<br>rev11<br>K-874951-501<br>rev2<br>K-874940-1 rev2 | YG                |
| -471213               | COIL, RF: 5/21/45<br>RF choke; one wnd, universal wnd; unshielded; rated 5 millihenrys, 640 to 830 kc, DC resistance 6.17 ohms, c/o 475 turns #26 EBS wire; Monsanto form, air core; form 2 1/2" lg x 9/16" diam; mts by tapped hole at one end of form; two solder lug term, one ea side of coil on form.   |                     |        | 16-C-74888-7731        | N16-C-13171-3  |                |                       | CRV<br>CRV<br>CRV | K-874951-502<br>K-30042-6 fig3<br>K-874940-1 | CFT<br>CRV<br>CRV | K-874951-501<br>rev2<br>K-30042-6 fig3<br>rev11<br>K-874940-1 rev2 | YG<br>YL          |
| -471214               | COIL, RF: 5/22/45<br>RF choke; single wnd, four pie wnd; unshielded; rated 2.5 millihenrys, distributed cap 2 mmf p/m 20%, c/o 215 turns per pie of #36 EBS wire; 1 7/8" lg x 5/8" OD o/a excluding term; ceramic form, air core; form 1 7/8" lg x 1/4" diam; mts by two pigtail type term, ea 1 1/2" lg at ends of form; wax impr.  |                     |        | 16-C-74712-4809        |                |                | 30550-1               | CAUX              | 4979   | CHL               | 53A033 revB  | RDC-1             |
| -471215               | TRANSFORMER, IF: 5/22/45<br>peak freq 5.25 mc; first or second IF stage; shielded in rectangular aluminum can; 4" h x 1 7/8" lg x 1 7/16" wd o/a excluding term and mtg studs; tuned pri and sec; adj powdered iron cores w/secr adj at top of can; four #6-32 thd spade bolts, two 1 7/8" c to c, the other two 1 7/16" c to c; eight solder post term on bottom; inductance, pri and sec ea 5.9 microhenrys, ter 0.3 microhenrys, incl two 100 mmf capacitors and two 5.6 ohm resistors, impr, moisture-proof. |                     |        | 17-T-67871-7256        |                |                |                       | CAZD<br>CAZD      | 50C175<br>50C176                             | CHL<br>CHL        | 50C175 issA<br>50C176 issA   | RDC-1 (2)         |

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NAVSHIPS 900109(A)  
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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO     | EQUIPMENT USED IN                     |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|---------------------------------|---------------------------------------|
| -471216               | COIL, RF: <span style="float: right;">5/21/45</span><br>RF choke; single wnd, fifteen pie wnd; unshielded; rated 9.7 millihenrys, 1 amp, DC resistance 11.8 ohms; c/o 50 turns per pie #24 ES wire; 7 1/2" lg x 4 13/16" h x 2 1/2" OD o/a; air core; mts by two mtg bkt, one on ea end; two solder lug term on form.  |                     |        | 16-C-75052-8863        |                |                |                       | CDE  | AC 1793                    | CDE        | AC 1793 revB                    | YR                                    |
| -471217               | TRANSFORMER, IF: <span style="float: right;">5/23/45</span><br>peak freq 5.25 mc; third IF stage; shielded in rectangular aluminum can; 4" h x 1 7/8" lg x 1 7/16" wd o/a excluding term and mtg studs; tuned pri and secd; adj powdered iron cores w/secr adj at top of can; four #6-32 thd spade bolts, two are 1 7/8" c to c, the other two 1 7/16" c to c; six solder post term on bottom; inductance, pri and secd ea 5.9 microhenrys, ter 0.3 microhenrys, incl two 100 mmf capacitors and two 330 ohm resistors, impr, moistureproof. |                     |        | 17-T-67871-7286        |                |                |                       | CAZD | 50C177                     | CHL        | 50C177 1eaA                     | RDC-1                                 |
| -471218               | TRANSFORMER, IF: <span style="float: right;">5/23/45</span><br>peak freq 5.25 mc; used in diode input ckt; shielded in rectangular aluminum can; 4" h x 1 7/8" lg x 1 7/16" wd o/a excluding term and mtg studs; tuned pri and secd; adj powdered iron cores w/secr adj at top of can; four #6-32 thd spade bolts, two 1 7/8" c to c, the other two 1 7/16" c to c; eight solder post term on bottom, four not used; inductance, pri and secd ea 6.2 microhenrys, incl two 100 mmf capacitors, impr, moistureproof.                          |                     |        | 17-T-67871-7141        |                |                |                       | CAZD | 50C178                     | CEZ        | 50C178 1eaA                     | RCD-1<br>RDC-1                        |
| -471219               | COIL, RF: <span style="float: right;">5/23/45</span><br>RF choke; two wnd, single wnd; unshielded; rated 5 microhenrys at 1 kc, 1v; c/o 29 turns #21 E wire; 1 3/4" lg x 1 1/2" OD o/a; air core; 1/8" mtg hole ea end of form; two solder lug term, one ea side of form; wax impr.  |                     |        | 16-C-72987-3572        |                |                |                       | OMI  | XA-360150                  | OMI<br>CRV | XA-360150 rev0<br>K-815800 rev0 | RAL-8<br>RAL-5 thru<br>RAL-7<br>RAK-8 |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                                 |                                       |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                                 |                                       |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

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SHEET 47-292

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | IAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|----------------------------|-------------------|
| -471220               | COIL, RF: 5/25/45<br>RF choke; one wnd, four pie wnd; unshielded; rated 2.5 millihenrys at 1 kc, 44 ohms DC resistance, 230 turns per pie of #36 ES wire; 1 1/2" lg x 5/8" OD o/a excluding term; air core; two lead term, one ea side.  |                     |        | 16-C-74687-5408        | 116-C-13201-44 |                |                       | CNA | SA2032                     | CNA        | J160 rev 0                 | RDG               |
| -471221               | TRANSFORMER, IF: 5/25/45<br>peak freq 455 kc; first IF stage; shielded in rectangular metal can; 3 7/16" lg x 1 15/16" wd x 2 9/16" h o/a excluding term; air core; tuned pri; var air capacitor rated 6 to 85 mmf; two 3/16" diam holes 3 1/16" c to c; three wire leads, two are shielded; impedance coupled type, wnd rated 1.35 millihenrys, incl one 1,000 mmf capacitor and one 500,000 ohm resistor.  |                     |        | 17-T-67610-3891        |                |                |                       | CNA | SA-1724                    | CNA        | J163 rev0                  | RDG               |
| -471222               | TRANSFORMER, IF: 5/25/45<br>peak freq 455 kc; used in detector input stage; shielded in rectangular metal can; 2 3/8" lg x 2 1/16" wd x 4 1/16" h o/a; air core; tuned pri and sec; two var air capacitors ea rated 6 to 85 mmf; two 5/16" lg x #6-32 thd mtg studs 1 15/16" c to c; four wire lead term from bottom of case; inductance, pri and sec ea 1.35 millihenrys, incl one 1,000 mmf capacitor and one 100,000 ohms resistor.   |                     |        | 17-T-67619-4151        |                |                |                       | CNA | SA-1726                    | CNA        | J-161 rev0                 | RDG               |
| -471222-A             | TRANSFORMER, IF: 5/25/45<br>peak freq 455 kc; second IF stage; shielded in rectangular metal can; 2 3/8" lg x 2 1/16" wd x 4 1/16" h o/a; air core; tuned pri and sec; two var air capacitors, ea rated 6 to 85 mmf; two #6-32 thd x 5/16" lg mtg studs 1 15/16" c to c; four wire lead term and one wire lead term v/grid cap; inductance, pri and sec ea 1.35 millihenrys, incl one 1,000 mmf capacitor and two 100,000 ohm resistors; same as NT-471222 except has lead to grid clip. |                     |        | 17-T-67619-4201        |                |                |                       | CNA | SA-1725                    | CNA        | J164 rev0                  | RDG               |

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NAVSHIPS 900,109(A)  
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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVE OWS OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SERIAL CORPSE STOCK NO | MPFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S OWS OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|------------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471223               | COIL, RF: 5/25/45<br>CANCELLED: same as NL-471474.   |                     |        | 16-C-74334-9079        | N16-RC-17728   |                |                        | CFW  | SC-97A                     | CFM        | 920-207 revC                | SF<br>SF-1        |
| -471224               | COIL, RF: 5/25/45<br>RF choke; single wnd, four pie universal wnd; unshielded; rated 1.1 millihenry, 26.15 ohms DC resistance, coil c/o 648 turns #36 ES wire tapped at 162, 364 and 486 turns; 1 15/16" lg x 1" OD, o/a; ceramic form; mts by 2 pigtail leads from coil; 1 wire lead term 1 9/16" lg from ea end of coil; and 3 wire lead term from coil; wax impr. |                     |        | 16-C-74422-2052        | N16-RC-17681   |                |                        | CFW  | 12432                      | CFW<br>CFM | 12432 revB<br>921-1         | SF<br>SF-1        |
| -471225               | COIL, RF: 5/25/45<br>RF choke; single wnd, 4 pie universal wnd; unshielded; rated 2.5 millihenries, 38.1 ohms DC resistance, coil c/o 924 turns #36 E, S wire; 1 15/16" lg x 1" OD o/a; ceramic form; mts by two pigtail leads from coil; one wire lead term 1 9/16" lg from ea end of coil; wax impr.   |                     |        | 16-C-74714-8587        | N16-RC-17330   |                |                        | CFW  | 12431                      | CFW<br>CFM | 12431 rev B<br>921-2        | SF<br>SF-1        |
| -471226               | COIL, RF: 5/25/45<br>RF choke; single wnd, ten pie universal wnd; unshielded; rated 5 millihenry, 56 ohms DC resistance, coil c/o 1480 turns #34 EDS wire, 148 turns per pie; 2 3/4" lg x 45/64" OD o/a; bakelite form 2 3/4" lg x 21/64" OD; has #6-32 tapped hole in one end of form for mtg screw; two solder lug term, one at ea end of form; vacuum impr.       |                     |        | 16-C-74898-6136        | N16-RC-17689   |                |                        | CFW  | 12433                      | CFW<br>CFM | 12433 revA<br>921-3         | SF<br>SF-1        |
| -471227               | COIL, RF: 5/25/45<br>RF choke; single wnd, ten pie universal wnd; unshielded; rated 10 millihenry, 90 ohms DC resistance, coil c/o 1950 turns #34 ES wire, 195 turns per pie; 2 3/4" lg x 13/16" OD o/a; bakelite form; has #6-32 tapped hole in one end of form for mtg screw; two solder lug term, one at ea end of form; vacuum impr.                             |                     |        | 16-C-75136-9066        | N16-RC-17738   |                |                        | CFW  | 12434                      | CFW<br>CFM | 12434 revA<br>921-4         | SF<br>SF-1        |
|                       |  |                     |        |                        |                |                |                        |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                        |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-293

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY LOWE OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | J E S O STOCK NO               | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN    |
|-----------------------|--|----------------------|--------|------------------------|--------------------------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|----------------------|
| -471228               | MATCHING UNIT, impedance: 5/26/45<br>enables calibration of equip from a std 50 ohm unbalanced type signal gen; c/o connectors, Big C Socket SO-264, Army-Navy Radio Frequency Receptacle UF-5B/U contained in metal housing; 51 ohms DC resistance; wt 0.3 lbs; 2 5/8" lg x 1.23/32" OD o/a; mts by connectors; enclosed, for calibration of OUC equipment.   |                      |        | 16-A-22081-1007        | N16-C-14105-35                 |                |                       |      | GADY 9652                  | GADY       | D9652 revD                  | COY                  |
| -471229               | TRANSFORMER, IF: 5/26/45<br>peak freq 455 kc; shielded in rectangular aluminum can; 2 1/2" h x 1 3/8" sq o/a excluding mtg studs and tuning adj; tuned pri and sec; adj powdered iron core w/sldr adj at top of can; two 3/8" lg x #6-32 thd spade bolts 1 5/16" c to c; four 5" lg color coded wire lead term from bottom; DC resistance pri 1.37 ohms, secd 0.567 ohms, incl one 1,000 mmf capacitor across pri. |                      |        | 17-T-67630-4376        |                                |                |                       | COL  | 508 1958 10                | COL        | 508 1958 10 revD            | TCH<br>TCH-1         |
| -471230               | TRANSFORMER, IF: 5/28/45<br>peak freq 455 kc, range 435 to 465 kc; interstage transf; shielded in rectangular aluminum can; 4" h x 1 3/8" wd x 1 7/8" lg o/a excluding mtg studs; tuned pri and sec; two adj powdered iron cores w/sldr adj at side of can; mts by two #6-32 thd studs on bottom of can; four color coded wire lead term from bottom of can; incl two fixed capacitors.                            |                      |        | 17-T-67633-3951        |                                |                |                       | OPW  | 6504                       | COL        | 278 2700 00 revD            | TCH<br>TCH-1         |
| -471231               | COIL, RF: 5/28/45<br>RF coil; single wnd, universal wnd; unshielded; rated 5.13 to 6.27 microhenrys, 5.7 microhenrys nom at 1000 cyc in air, c/o 788 turns #32 BS wire, 25.5 ohms DC resistance, freq 80 kc; approx 1 7/8" lg x 1 7/16" diam o/a; textolite form; adj iron core w/sldr adj at top of form; two mtg holes 0.156" diam for mtg screws 1 1/4" c to c; two solder lug term on bottom; varnish impr.    |                      |        | 16-C-76587-8971        | N16-R0-17933<br>N16-C-13153-25 |                |                       | OG   | K-437560-2                 | OG         | K-437560-2 revJ             | VO-1<br>SQ-3<br>SK-2 |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

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SHEET 47-295

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR               | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN              |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-------------------|----------------------------|------------|-----------------------------|--------------------------------|
| -471232               | COIL, RF: 5/29/45<br>RF choke; single wnd, six pie universal wnd; unshielded; rated 10 millihenrys, 90 ohms DC resistance, ea pie c/o 350 turns #36 ES wire; 1 1/2" lg x 9/16" diam o/a excluding term; ceramic form, air core; mts by two pigtail term, one from end of form; wax impr.   |                     |        | 16-C-75105-6641        |                |                |                       | CBC               | 6244                       | CBC        |                             | RBG thru<br>REG-2              |
| -471233               | TRANSFORMER, IF: 5/29/45<br>freq response 440 to 460 kc; third IF stage; shielded in rectangular metal can; 5" h x 1 7/16" wd x 1 7/8" lg o/a excluding mtg studs; tuned pri and secd; adj powdered iron cores w/two scdr adj at side of can; two thd spade mtg bolts 1 7/16" c to c; four color coded wire lead term from bottom; coils and coil forms wax impr, one coil gnd to case, incl two silver mica capacitors.   |                     |        | 17-T-67588-3593        | #16-T-6112     |                |                       | CFW               | 8762                       | CBC<br>CBC | 6118 chgl<br>6289 chgl      | RBG(2)<br>RBG-1(2)<br>RBG-2(2) |
| -471234               | TRANSFORMER, IF: 5/29/45<br>peak freq 30 mc; output IF stage; unshielded; 2 1/4" lg x 1" OD o/a; tuned pri and secd; adj iron core w/scdr adj at top of form; mtd by bushing at one end of coil form; four solder lug term on end opposite bushing; wax impr, inductance approx 0.005 millihenrys.   |                     |        | 17-T-68249-8045        | #16-T-6010-26  |                |                       | CRV<br>CBC<br>CFW | T-621019-4                 | CRV        | T-621019-504<br>rev13       | MK-26 Mod3<br>MK-26 Mod4       |
| -471235               | TRANSFORMER, IF: 5/29/45<br>peak freq 30 mc; discriminator stage; shielded in rectangular aluminum can; 1 3/8" sq x 3 1/4" h o/a excluding term and mtg studs; tuned pri and secd; adj powdered iron cores w/scdr adj at top and bottom of can; two #6-32 thd mtg studs 1.312" c to c; six solder lug term on bottom, one not used; inductance approx 0.013 millihenrys, incl one 2200 ohm resistor, two 22000 ohm resistors (NT-63360) and two 10 muf ceramic capacitors (NT-481886). |                     |        | 17-T-68270-8481        | #16-T-6420-220 |                |                       | CRV<br>CBC<br>CFW | T-621019-34                | CRV        | T-621019-507<br>rev13       | MK-26 Mod3<br>MK-26 Mod4       |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO                 | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN     |
|-----------------------|---|---------------------|--------|------------------------|--------------------------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-----------------------|
| -471236               | SUPPRESSOR, parasitic: 5/29/45<br>resistor and coil; 1 3/4" lg x approx 3/8" OD o/a excluding term; coil rated 0.3 microhenrys, c/o 10 turns #18 copper wire, 0.1 ohms DC resistance, 56 ohms, 1/4w resistor; uncased; mtd by two wire lead term w/washer connectors; coil air wnd w/o form.  |                     |        | 16-S-89707-1546        | N16-N-493-19                   |                | 321891-11.4           | CRV  | K-875486-501               | CRV        | K-875486-501 rev2           | YG<br>YL              |
| -471237               | COIL, RF: 5/29/45<br>osc coil; single wnd; unshielded; rated 155 millihenrys at 1000 cyc in air, 580 ohms DC resistance, c/o 4721 turns #38 ES wire, freq 4 kc; 2 1/2" lg x 1 3/4" OD o/a; adj iron core w/ecdr adj end of case; two mtg holes 1 5/16" c to o; two solder lug term on bottom; encased in bakelite.  |                     |        | 16-C-76831-1086        | N16-RC-19581<br>N16-C-14384-55 |                |                       | CG   | K-43J974-3                 | CG         | K-43J974-3 rev1             | YG                    |
| -471238               | COIL, RF: 5/31/45<br>RF choke; single wnd; unshielded; rated 52 microhenrys p/m 5%, 0.025 amp max, c/o 85 turns #38 E nylon wire; 5/16" OD x 7/16" lg o/a excluding term; air core, phenolite dummy resistor form 7/32" OD x 7/16" lg; mtd by two axial wire lead term, ea 1 1/4" lg min; tropicalized, vacuum impr, color coded with green, red, black and gold dot on coil. |                     |        | 16-C-73581-1406        | N16-RC-17901                   |                |                       | CFW  |                            | CRP        | 92-5303 rev0                | VF                    |
| -471239               | TRANSFORMER, IF: 5/31/45<br>peak freq 455 kc; used in diode coupling stage; unshielded; 3 7/8" h x 1 1/8" lg x 7/8" wd o/a excluding mtg bkt; tuned pri and sec; adj powdered iron core w/ecdr adj at side of form; mts by one #6-32 thd hole in bkt; six solder lug term on term board, two not used; wax impr, rated 1.21 millihenrys w/core in ctr of adj range.           |                     |        | 17-T-67604-1726        |                                |                |                       | CBC  | 6248                       | CBC        | 6002                        | RBG<br>RBG-1<br>RBG-2 |
|                       |   |                     |        |                        |                                |                |                       |      |                            |            |                             |                       |
|                       |   |                     |        |                        |                                |                |                       |      |                            |            |                             |                       |
|                       |   |                     |        |                        |                                |                |                       |      |                            |            |                             |                       |

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NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

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SHEET 47-297

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN     |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|-----------------------|-----------|----------------------------|------------|-----------------------------|-----------------------|
| -471240               | TRANSFORMER, IF: 5/31/45<br>peak freq 455 kc; plate to link coupling ovt; unshielded; 3 7/8" h x 1 1/8" lg x 7/8" wd o/a excluding mtg bkt; tuned pri and sec; adj powdered iron core w/secr adj at side of form; one #6-32 thd hole in mtg bkt; six solder lug term on term board, two not used; wax impr, rated 1.38 millihenrys w/core in ctr of adj range. |                     |        | 17-T-67604-1676        |                 |                |                       | OEC       | 6247                       | OEC        | 6001 rev0                   | RBG<br>RBO-1<br>RBG-2 |
| -471241               | COIL, RF: 5/31/45<br>RF choke; single wnd, universal wnd; unshielded; rated 2 millihenrys, c/o 352 turns #28 EBS wire, 1 1/8" lg x 1 5/16" max diam o/a excluding term; air core; mts by #6-32 thd x 1 1/2" lg FH screw through ctr of form; two solder lug term on top of form; varnish impr.   |                     |        | 16-C-74546-6930        | N16-C-13163-352 |                |                       | CFW       |                            | OG         | K-7877090 rev0              | TCK thru<br>TCK-6     |
| -471242               | COIL, RF: 5/31/45<br>osc coil; single wnd; unshielded; rated 53 millihenrys at 1000 cyc in air, c/o 2822 turns #36 SE wire, 226 ohms DC resistance, freq 16 kc; 1 3/4" OD x 2 1/2" lg o/a; adj iron core w/secr adj end of case; mts by two 1/8" diam holes 1 5/16" c to c; two solder lug term on bottom; encased in bakelite.                                |                     |        | 16-C-76807-1640        | N16-C-14383-53  |                |                       | OG        | K-43J974-2                 | OG         | K-43J974-2 rev1             | VO-1                  |
| -471243               | COIL, RF: 5/31/45<br>osc coil; single wnd, universal wnd; unshielded, molded plastic case; rated 208 millihenrys at 1000 cyc, 615 ohms DC resistance, c/o 5524 turns #38 ES wire; 2 13/64" lg x 1 7/16" OD o/a; bakelite form; adj iron core w/secr adj at top of form; two mtg holes 2 1/4" o to c; two solder lug term on bottom; freq 16+0 cyc.             |                     |        | 16-C-76847-2511        | N16-RC-19583    |                |                       | OG        | K-52J7                     | OG         | K-52J7 rev1                 | VO-1                  |
| -471244               | COIL, RF: 5/31/45<br>RF choke; single wnd, six pie universal wnd; unshielded; rated 5.3 millihenrys at 1000 cyc, pie c/o 200, 170, 140, 110, 70, 35 turns #28 EBS wire; 3 1/4" lg x 1 3/4" OD o/a; ceramic form, air core; form 3 1/4" lg x 9/16" OD; two #8-32 thd mtg holes, one in ea end of form; two solder lug term, one at ea end of form.              |                     |        | 16-C-74909-7139        | N16-C-13160-5   |                |                       | OML<br>OG | B-3                        | OML<br>OG  | 19-3022<br>K-7897587-2 rev0 | SK-1M<br>TBY          |
|                       |  |                     |        |                        |                 |                |                       |           |                            |            |                             |                       |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471244-A             | COIL, RF: 1/10/46 <sup>1</sup><br>RF choke; single wnd, six pie wnd; unshielded; rated 5.3 millihenrys at 1,000 cyc, six pies c/o 200, 170, 140, 110, 70 and 35 turns of #28 EDS wire; 3 1/4" lg x 1 3/4" OD o/a excluding mtg bkt; ceramic form, air core; Form 3 1/4" lg x 9/16" OD; two 0.169" diam mtg holes 3 3/16" c to c; two solder lug term on mtg form; same as NT-471244 except is furnished w/mtg bkt.           |                     |        | 16-C-74909-7239        |                |                |                       | CML  | B-3                        | CML<br>CG  | 19-3022<br>I-7897587-1 rev0 | TDY-1             |
| -471245               | TRANSFORMER, IF: 6/1/45<br>Freq range 18.5 to 21 kc; interstage transf; shielded; 2 1/8" diam x 4 11/16" h o/a; air core; tuned secd; tuned by var air capacitor; mts by three #6 screws spaced 120 deg on 1 3/4" circle; five solder lug term on bottom; incl four coils, two capacitors, one is 100 mmf trimmer, the other NT-481255-B5 Capacitor, mica.   |                     |        | 17-T-67412-8651        |                |                |                       | CBM  | 1008-3004                  | CBM        | 1008-3004 alt2              | WFA               |
| -471246               | TRANSFORMER, IF: 6/1/45<br>peak freq 137 kc; input, output, or interstage; shielded in rectangular metal can; 1 15/16" lg x 1 1/2" wd x 4 1/2" h o/a; tuned pri and secd; adj powdered iron cores w/secr adj at top and bottom of can; mts by two #6-32 thd spade bolts and hex nuts 2" c to c; four screw term w/hex nuts; incl two resistors 7500 ohms ea, two capacitors ea rated 370 mmf, one coil NT-47995.             |                     |        | 17-T-67489-3501        |                |                |                       | CBM  | 1013-3016                  | CBM        | 1013-3016 alt3              | WFA               |
| -471247               | COIL, RF: 6/1/45<br>osc coil; plug-in type; single wnd CT; shielded in aluminum can; rated 34 microhenrys, c/o 34 turns #24 DSC wire, 0.288 ohms DC resistance, freq range 2550 to 4800 kc total coil, freq range 4100 to 7500 kc half coil; 2" lg x 2" wd x 4 1/2" h o/a excluding term; air core; two var air capacitors w/secr adj side of case; mtg by seven prong type term.  |                     |        | 16-C-76793-6725        |                |                |                       | COL  | 520 0812 00                | COL<br>COL | 141 2070 00 rev0<br>7000C-1 | TCA               |
| -471248               | TRANSFORMER, RF: 6/2/45<br>input transf; two wnd, shielded in cylindrical metal can; pri 1.5 ohms DC resistance, c/o 150 turns #28 SE wire, secd c/o 5000 turns #36 SE wire, rated 80 millihenrys; 2 13/16" OD x 4" lg o/a incl term; powdered iron core; var air capacitor rated 5 to 95 mmf w/secr adj one end of can; three mtg studs on 1 1/16" mtg rad; four solder lug term on bottom; incl 5 to 95 mmf var capacitor. |                     |        | 17-T-81731-1351        |                |                |                       | CBM  | 959-3026                   | CBM        | 959-3026 alt0               | BDI               |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR      | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----------|----------------------------|------------|-----------------------------|-------------------|
| -471249               | COUPLING UNIT, antenna: 6/4/45<br>o/o one repeating coil, two solenoid inductances, and a lightning protector gap; cast iron box; freq range 4 mc to 20 mc; 34 lbs wt; impedance ratio, wmd (3-8) to (2-G) is 700 to 70 ohms, wmd (4-7) to (2-G) is 250 to 70 ohms; 12" lg x 11 3/8" wd x 14" h o/a; four 9/32" diam holes on 2" x 5 1/2" mtg/c; operates between rhombic ant and unbalanced transmission line or between a 200 ohm balanced line and an unbalanced concentric line. |                     |        | 16-C-91722-1021        |                |                | 20471                 | CW        | D-163678                   | CW         | BL-110107 1es1              | REA               |
| -471250               | COIL, tube deflection: 6/5/45<br>covered w/tape; rated 79 microhenrys, 100 ohms DC resistance, two coils ea of 760 turns #30 E wire, random wmd; ea coil semicylindrical shape; ea coil 2 1/8" lg x 9/32" thk x 2 1/8" h o/a formed on oyl covering arc of 165 deg w/rad of 271/32"; clamp mtd on CR tube, has two wire lead term; varnished.  |                     |        |                        | N16-C-14650-30 |                |                       | CEC<br>OG | 22167<br>K-354746          | CG<br>CEC  | K-354746 rev0<br>22167 rev0 | SX<br>SP<br>SP-1M |
| -471251               | COIL, RF: 6/7/45<br>RF choke; single wmd, single layer wmd; unshielded; rated 4 to 9 microhenrys p/m 10% at 10 mc, min Q is 100 at 10 mc; o/o 26 turns #23 E wire; 3 3/8" lg x 1/2" diam o/a; ceramic form 2 1/16" lg x 1/2" diam; adj iron core w/sldr adj; mts by bushing 3/8" lg; two solder lugs on coil form; varnish impc, fungusproof.  |                     |        | 16-C-76576-6811        |                |                |                       | CFW       | 85-042-2                   | CWI        | 85-042                      | TS-186/UP         |
| -471252               | COIL, RF: 6/7/45<br>RF choke; single wmd, single layer wmd; unshielded; rated 1.3 to 3 microhenrys p/m 10% at 20 mc, min Q is 100 at 20 mc; wmd o/o 14 turns #18 E wire; 3 3/8" lg x 1/2" diam o/a; ceramic form, 1/2" diam x 2 1/16" lg; adj iron core w/sldr adj; mts by bushing 3/8" lg; two solder lug term on coil form; varnish impc; fungusproof.   |                     |        | 16-C-76536-9386        |                |                |                       | CFW       | 85-044-2                   | CWI        | 85-044                      | TS-186/UP         |

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SHEET 47-300

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN         |
|-----------------------|---|---------------------|--------|------------------------|-----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|---------------------------|
| -471253               | COIL, RF: 6/7/45<br>tuning 5 mc; single layer wnd, 1 wnd; unshielded; inductance 35 microhenries p/m 5%, 125 turns #38 ES, DC resistance 4.02 ohms, 75 ma DC, 0.87 mmf distributed cap; 3/16" diam x 5/8" lg excluding leads; phenolic form; form diam 3/16" x 5/8" lg; mtd by connecting leads; 2 wire axial leads ea 1 1/2" lg; coated w/fungus resistant varnish.  |                     |        | 16-C-73447-6829        |                 |                |                       | CFW | 13863                      | CWT        | 85-041-2                    | T8-186A/UF                |
| -471254               | COIL, RF: 6/8/45<br>RF choke; single wnd, universal wnd; unshielded; rated 5.8 millihenrys at 1,000 cyc, c/o 500 turns 0.024" diam DC copper wire, DC resistance 8 ohms, resonant freq 790 kc; 1 27/32" h o/a x 2 1/8" diam o/e; air core; form approx 1/2" OD x 1.5" lg; mtd by one thd hole in ctr of base; two solder term either side of coil; varnished.   |                     |        | 16-C-74942-8573        |                 |                |                       | CG  | ML-7463515-2               | CG         | M-7463515-1.3rev2           | TCJ-2 (2)<br>TCJ<br>TCJ-1 |
| -471255               | COIL, RF: 6/8/45<br>RF choke; single wnd, universal wnd; unshielded; rated 6.3 millihenrys at 1,000 cyc, c/o 575 turns 0.010" diam DC copper wire, 18.5 ohms DC resistance, resonant freq 820 kc, cur approx 0.2 amp; 1 27/32" h x 1 11/16" diam o/a; air core; form approx 1/2" OD x 1.5" lg; mtd by thd hole in ctr of base; two solder term on either side of coil; varnished.   |                     |        | 16-C-74967-1717        | N16-C-13156-110 |                |                       | CG  | ML-7463515-12              | CG         | M-7463515-1 rev2            | TCJ-2 (5)<br>TCJ<br>TCJ-1 |
| -471256               | COIL, RF: 6/8/45<br>RF choke; single wnd, three taps, four pies; unshielded; tap #1 rated 2,275 millihenrys at 1,000 cyc, 10 ohm DC resistance, c/o 350 turns 0.018" DC wire, tap #2 rated 3,850 millihenrys at 1,000 cyc, 18 ohms DC resistance, c/o 250 turns 0.018" DC wire, tap #3 rated 5,350 millihenrys at 1,000 cyc, 22 ohms DC resistance, c/o 250 turns 0.018" DC wire, term #4 rated 6,800 millihenrys at 1,000 cyc, 28 ohms DC resistance, c/o 250 turns 0.018" DC wire; 4 7/16" lg x 1 15/16" wd x 2 15/32" h o/a; isolantite form, air core; mts by two mtg bkts w/two mtg holes 2 9/32" c to c; five solder lug term on base; varnished. |                     |        | 16-C-72680-8551        |                 |                |                       | CG  | ML-7464779-1               | CG         | M-7464779-1 rev1            | TCJ-2                     |
|                       |   |                     |        |                        |                 |                |                       |     |                            |            |                             |                           |
|                       |   |                     |        |                        |                 |                |                       |     |                            |            |                             |                           |

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SHEET 47-300

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SHEET 47-301

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO. | E S O STOCK NO | A S Q STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|-------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471257               | SUPPRESSOR, parasitic:<br>resistor and coil; body 5/8" lg x 3/16" diam o/a; c/o 39 turns #25AWG close wnd over 3,300 ohms, 1/2w resistor; uncased; mtd by two pigtail term.  | 6/11/45             |        | 16-8-89919-9939         |                |                |                       | CG  | M-7109743-1                | CG         | K-7109743-1 rev0            | MK-36             |
| -471258               | TRANSFORMER, IF:<br>peak freq 550 kc; first IF stage; shielded in rectangular metal can; approx 2 7/8" h x 1 3/8" wd x 1 5/8" lg o/a excluding mtg studs; air core; tuned pri and secd; var air capacitors ea rated 3.2 to 25 mmf w/scdr adj at side of can; two 1/8" diam thd mtg studs on approx 1 13/16" x 5/8" diagonal mtg/c; five wire lead term from bottom; incl one 51,000 ohm, 1/2w resistor, and two 22 mmf capacitors, pri and secd ea rated 1.5 millihenrys, 33 ohms DC resistance.                 | 6/12/45             |        | 17-T-67672-4831         |                |                |                       | CS  | 218943                     | CS<br>CS   | 218943 rev0<br>218944 rev0  | DBE               |
| -471259               | TRANSFORMER, IF:<br>peak freq 550 kc; second or third IF stage; shielded in rectangular metal can; approx 2 7/8" h x 1 5/8" lg x 1 3/8" wd o/a excluding mtg studs; air core; tuned pri and secd; var air capacitors ea rated 3.2 to 25 mmf w/scdr adj at side of can; two 1/8" diam thd mtg studs on approx 1 13/16" x 5/8" diagonal mtg/c; five wire lead term from bottom; incl two 22 mmf mica capacitors, and two 51,000 ohm, 1/2w resistors, pri and secd ea rated 1.5 millihenrys, 33 ohms DC resistance. | 6/12/45             |        | 17-T-67672-4841         |                |                |                       | CS  | 218932                     | CS<br>CS   | 218932 rev0<br>218933 rev0  | DBE (2)           |
| -471260               | TRANSFORMER, IF:<br>peak freq 550 kc; fourth IF stage; shielded in rectangular metal can; approx 2 7/8" h x 1 5/8" lg x 1 3/8" wd o/a excluding mtg studs; air core; tuned pri and secd; two var air capacitors ea rated 3.2 to 25 mmf w/scdr adj at side of can; two 1/8" diam thd mtg studs on approx 5/8" x 1 13/16" diagonal mtg/c; five wire lead term from bottom; incl two 22 mmf mica capacitors and one 51,000 ohm, 1/2w resistor, pri and secd ea rated 1.5 millihenrys, 33 ohms DC resistance.        | 6/12/45             |        | 17-T-67672-4851         |                |                |                       | CS  | 218945                     | CS<br>CS   | 218945 rev0<br>218946 rev0  | DBE               |

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SHEET 47-301

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SHEET 47-302

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471261               | TRANSFORMER, RF: 6/13/45<br>RF transf ant; two wnd, pri single layer wnd, secd two pie nd; cylindrical metal shield; pri rated 3 microhenrys, c/o 12 turns of #60-44 Litz wire, 0.1 ohms DC resistance, secd rated 160 microhenrys p/m 10%, two pies ea c/o 55 turns #20-44 Litz wire; pri bakelite paper form, secd steatite form, powdered iron core; pri form 0.520" OD x 1 1/8" lg, secd form 0.270" OD x 1 1/8" lg; mtd by shield can; four solder term.  |                     |        | 17-T-81150-1434        |                |                |                       | CS   | 218895                     |            |                             | DBE               |
| -471262               | TRANSFORMER, RF: 6/13/45<br>two wnd; unshielded; ea coil rated 135 microhenrys p/m 5%, ea coil c/o 140 turns #38 single ES, 8 ohms DC resistance, resonant freq of ea coil 1,950 kc w/50 mmf; solid steatite form, air core; form 0.225" diam x 1 1/8" lg; four solder term.   |                     |        |                        |                |                |                       | CS   | 218892                     | CS         |                             | DBE               |
| -471263               | COIL, RF: 6/13/45<br>RF fil choke; two wnd; unshielded; ea coil rated 200 microhenrys min, ea c/o 58 turns #23RF wire, 0.175 ohms DC resistance; approx 0.4" OD x 0.625" lg; bakelite paper form, powdered iron core; form 0.4" OD x 0.38" ID; mtd on ins sub base; four solder lug term.  |                     |        | 16-C-75894-1857        |                |                |                       | CS   | 219054                     | CS         | 219054 rev 0                | DBE (2)           |
| -471264               | COIL, RF: 6/2/45<br>peaking coil; single wnd, four pie wnd; unshielded; rated 60 microhenrys at 1,000 cyc w/o core, 14 ohms total DC resistance, rated 260 microhenrys p/m 5% at 1,000 cyc w/core max, cur 20 ms, two pie ea c/o 31 turns #40ES wire, the other two pies ea c/o 34 turns #40ES wire; 1 9/16" lg x 7/8" wd x 7/8" h o/a; bakelite form 1 9/16" lg x 1/2" OD; adj iron core w/sodr adj one end; one #6-32 thd mtg hole in base bkt; two solder lug term on term board on mtg bkt; tropicalized w/zophar wax, impr. |                     |        | 16-C-76649-5201        |                |                |                       | CFW  | 13363                      | CDU        | 21-250                      | OBT               |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

SHEET 47-302

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SHEET 47-303

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471265               | COIL, RF: 6/2/45<br>inductor; single wnd, single pie wnd; unshielded; rated 170 microhenrys p/m 3% at 1,000 cyc, cur capacity 125 ma, 1.5w, c/o 95 turns #36ES copper wire, 6 ohms DC resistance; 1 1/16" OD x 1 1/64" lg o/a excluding term; air core, steatite ins four 1/2" OD x 13/16" lg; one #6 mtg hole ctr of form; two solder lug term on top; fungus and moisture proof.     |                     |        | 16-C-73917-2659        |                |                |                       | CTW | CH-113-J1                  | CDU        | 21-251                      | OBT               |
| -471266               | COIL, RF: 6/2/45<br>RF choke; single wnd, single pie wnd; unshielded; rated 8.5 millihenrys p/m 3% at 1,000 cyc, cur capacity 125 ma, 1.5w, c/o 850 turns of #36ES wire, 50 ohms DC resistance; 1 1/64" lg x 1 1/16" diam o/a excluding term; steatite form, air core; form 7/8" lg x 1 1/2" OD; mtd by one #6 screw through ctr of form; two tinned solder lug term on top; wax impr. |                     |        | 16-C-75033-2426        |                |                |                       | CTW | CH-113-J2                  | CDU        | 21-252                      | OBT               |
| -471267               | COIL, RF: 6/2/45<br>plate ckt compensation; single wnd, universal wnd; unshielded; rated 22 millihenrys p/m 5% at 1,000 cyc w/75 ma, 1.5w, c/o 80 turns #38ES wire, 145.5 ohms DC resistance; 15/16" lg x 1 1/16" OD o/a excluding term; air core, ceramic form 3/4" lg x 1/2" OD; mts by mtg hole through ctr of form; two solder lug term; wax impr.                                 |                     |        | 16-C-75311-6854        |                |                |                       | CFW | 21-292                     | CDU        | 21-292                      | OCU               |
| -471268               | COIL, RF: 6/11/45<br>RF choke; single wnd, duolateral wnd; unshielded; rated 18 microhenrys min, 20 microhenrys max at 1800 cyc, c/o 36 turns #32 ES wire, 0.88 ohms DC resistance at 70°F, 600 ma max cur; approx 1 5/32" lg x 1 7/16" diam o/a; phenolic form, air core; form approx 1" lg x 1/2" OD; mtd by 5/32" diam bolt through ctr of form; two solder lug term on base.       |                     |        | 16-C-73281-2007        |                |                |                       | CM  | 200BK                      | CV         | ES-68036 1sgB               | MK-13 Mod0        |

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SHEET 47-304

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO           | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|--------------------------------------|-------------------|
| -471269               | TRANSFORMER, IF: 6/13/45<br>peak freq 15 mc; shielded in cylindrical metal can; 1 5/8" h x 13/16" OD o/a excluding term and mtg studs; tuned pri and sec'd; two adj powdered iron cores w/scdr adj at top and bottom of can; two #3-48 thd mtg studs 0.5312" c to c; four solder lug term on bottom; pri and sec'd ea rated 6 microhenrys at 1,000 cyc, 1 ohm DC resistance, mutual inductance 0.02 microhenrys.   |                     |        | 17-T-68133-7229        |                |                |                       | CFT | NL-45897-3L-1              | CFT        | NL-45897-3 1seeL                     | DBF               |
| -471270               | TRANSFORMER, IF: 6/13/45<br>peak freq 15 mc; shielded in cylindrical metal can; 1 5/8" h x 13/16" OD o/a excluding term and mtg studs; tuned pri and sec'd; two adj powdered iron cores w/scdr adj at top and bottom of can; two #3-48 thd mtg studs 0.5312" c to c; four solder lug term on bottom; pri and sec'd ea rated 6 microhenrys at 1,000 cyc, 1 ohm DC resistance, mutual inductance 0.53 microhenrys, same as NT-471269 except for spacing of coils.  |                     |        | 17-T-68133-7239        |                |                |                       | CFT | NL-45897-3L-2              | CFT        | NL-45897-3 1seeL                     | DBF               |
| -471271               | TRANSFORMER, IF: 6/14/45<br>peak freq 5.3 mc, band width 500 kc down 18 db min; interstage tranef; shielded in rectangular zinc or aluminum can; 2" h x 49/64" sq o/a excluding term, mtg studs and tuning adj; tuned pri and sec'd; two adj powdered iron cores w/scdr adj at top and bottom of can; two #4-40NC-2 thd spade mtg lugs 0.797" c to c; four solder lug term on bottom, three are color coded, the fourth is plain, has one gnd lug on bottom; incl two ceramic capacitors, fungusproof. |                     |        | 17-T-67881-9166        | N16-T-6011-50  |                |                       | CAI | T                          | COL        | 278 0007 00 rev4<br>278 0008 00 rev4 | MBF               |

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NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

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SHEET 47-305

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471272               | TRANSFORMER, IF:<br>6/14/45<br>peak freq 5.3 mc, band width 550 kc down 18 db min; used in diode input stage; shielded in rectangular zinc or aluminum can; 2 1/8" h x 49/64" sq o/a excluding term, mtg studs and tuning adj; tuned pri and sec; two adj powdered iron cores w/secr adj at top and bottom of can; two #4-40NC-2 thd spade mtg lugs 0.6" c to c; four color coded hook type solder lug term on bottom; incl two ceramic capacitors, fungus-proof.                                       |                     |        | 17-T-67881-9696        |                |                |                       | CFW  |                            | COL        | 278 0011 00 rev0            | MBF               |
| -471273               | TRANSFORMER, IF:<br>6/16/45<br>peak freq 455 kc; interstage and diode type transf; shielded in rectangular aluminum can; 4" h x 1 7/16" wd x 2" lg o/a excluding term and mtg studs; tuned pri and sec; two adj powdered iron cores w/secr adj at top and bottom of can; two #6-32NC-2 thd mtg studs on 13/16" x 7/8" diagonal mtg/c; six solder lug term on bottom, one not used; incl one 60 mmf capacitor and one 75 mmf capacitor, wax impr, inductance pri 1.96 millihenrys, sec 1.96 millihenrys. |                     |        | 17-T-67633-4001        | NL6-T-7002-50  |                |                       | CFW  | SA-2612-A                  | CEP        | SA-2612AAK-1<br>1eaA1       | TCS-15<br>TCS-14  |
| -471274               | COIL, RF:<br>6/19/45<br>RF choke; single vmd, four pie vmd; unshielded; rated 2.5 millihenrys, 250 ma cur rating; 2 3/4" lg x 1/2" diam o/a excluding term; molded bakelite form, air core; four 1 3/4" lg x 1/4" diam; mts by stand-off ins w/cns 3/8" d x #6-32 thd hole; two wire lead term, ea 2 1/8" lg.   |                     |        | 16-C-74732-6937        |                |                | 3CK358                | CJA  | 34100                      | CDE        | AEB08 revD                  | YR(2)             |

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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

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SHEET 47-306

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO              | EQUIPMENT USED IN     |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|--|-----------------------|
| -471275               | TRANSFORMER, IF: 6/19/45<br>peak freq 455 kc; plate to link coupling sct; shielded in rectangular metal can; 5" h x 1 7/8" lg x 1 7/16" wd o/a excluding mtg studs; tuned pri; adj powdered iron core w/secr adj on side of can; mtd by two spade lugs 1 7/16" c to c; four wire lead term from bottom; pri rated 1.38 millihenrys, incl capacitor rated 95 mmf.   |                     |        | 17-T-67628-3201        | RI6-T-6110     |                |                       | CRC | SA-766                     | CRC        | SA-766                                   | RBG<br>RBG-1<br>RBG-2 |
| -471276               | TRANSFORMER, IF: 6/20/45<br>peak freq 455 kc; used in diode coupling stage; shielded in rectangular metal can; 5" h x 1 7/8" lg x 1 7/16" wd o/a excluding mtg studs; tuned secd; adj powdered iron core w/secr adj on side of can; mts by two spade lugs 1 7/16" c to c; four wire lead term from bottom of can; rated 1.21 millihenrys, incl one 95 mmf capacitor.   |                     |        | 17-T-67628-3211        | RI6-T-6111     |                |                       | CRC | SA-767                     | CRC        | SA-767                                   | RBG<br>RBG-1<br>RBG-2 |
| -471277               | TRANSFORMER, RF: 6/20/45<br>osc coil; two wnd, pie wnd; shielded in rectangular aluminum can; pri rated 350 microhenrye, 5.10 ohms DC resistance, c/o 130 turns #7-41 wire, secd rated 50 microhenrys, 1.8 ohms DC resistance, c/o 50 turns #7-41 wire; 2.148" lg x 1.375" wd x 1.375" h o/a excluding term and spade bolts; bakelite form, air core; mts by two #6-32 thd spade bolts on 1.312" mtg/c; six solder lug term, two not used; wax impr. |                     |        | 17-T-81183-1565        |                |                |                       | CRV | M-422551-501               | CRV        | M-422551-501<br>rev1<br>K-868276-3 sub 7 | YG<br>YL(2)           |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |  |                       |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |  |                       |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |  |                       |

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NAVSHIPS 900,109(A)  
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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471278               | TRANSFORMER, IF: 6/21/45<br>peak freq 455 kc, range 435 to 465 kc; used in IF to diode detector ckt; shielded in rectangular aluminum can; 4" h x 1 7/8" lg x 1 3/8" wd o/a excluding mtg studs; tuned pri and sec'd; two adj powdered iron cores w/sldr adj on side of can; mtd by two #6-32 thd studs on bottom; four color coded wire lead term from bottom, two 6" lg, the other two 4" lg; inductance, pri and sec'd ea 1.05 millihenrys, incl two fixed capacitors.  |                     |        | 17-T-67633-3926        |                |                |                       | CFW | 6521                       | COL        | 278 2800 00 rev0            | TCH<br>TCH-1      |
| -471279               | COIL, RF: 6/23/45<br>RF choke; single wnd, three pie wnd; shielded in cylindrical metal can; rated 520 millihenrys, c/o three pie wnd ea w/400 turns #36 ES wire, 365 ohms DC resistance; approx 2 1/4" lg excluding term; ceramic form 2" lg approx x 1/2" diam approx; mts by four holes 5/32" approx diam on approx 1" sq mtg/c; two solder post term on bottom; wax impr.  |                     |        | 16-C-75739-3950        |                |                |                       | CQA | 10120                      | CQA        | 10120 rev2                  | OAB(2)            |
| -471280               | TRANSFORMER, IF: 6/19/45<br>peak freq 455 kc; BFO stage; shielded in rectangular aluminum can; 4" h x 2" lg x 1 7/16" wd o/a excluding mtg studs and term; air core; tuned pri; var capacitor rated 48 mmf w/sldr adj on top of can; mtd by two #6-32 thd studs on 1" x 1 11/32" mtg/c; six solder lug term on bottom; inductance, pri 123.1 microhenrys, sec'd 50.6 microhenrys, incl one 1,000 mmf capacitor across pri and one var capacitor rated 3 to 30 mmf w/ 1 1/2" lg shaft used to obtain a beat freq. |                     |        | 17-T-67611-4781        | NI6-T-5003-50  |                | 229644.27             | CFW | SA-1380-A                  | CKP        | SA-1380AK 1ssB4             | TCS-15<br>TCS-14  |
| -471281               | COIL, RF: 6/20/45<br>RF choke; single wnd, three pie wnd; unshielded; rated 5.5 millihenrys, c/o three pie wnd ea w/295 turns #36 ES magnet wire, 60 ohms DC resistance, 125 ma DC; 1 1/2" lg x 3/4" OD o/a excluding term; ceramic form, air core; form 1 1/2" lg x 1/4" OD; mts by two term lugs 1 1/4" c to c.  |                     |        | 16-C-74929-5264        |                |                |                       | CDB | CH-9228                    | CCI        | 90ES-1                      | TDD-3             |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURERS PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO | EQUIPMENT USED IN  |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|---------------------------|------------|----------------------------|--------------------|
| -471282               | COIL, RF: 6/25/45<br>RF choke; single wnd, three pie wnd; unshielded; rated 10 millihenrys, c/o three pie wnd ea w/455 turns #36 ES magnet wire, 78 ohms DC resistance, 100 ma DC; 1 1/2" lg x 3/4" OD o/a excluding term; ceramic form, air core; form 1 1/2" lg x 1/4" OD; mtd by two term lugs 1 1/4" c to c.  |                     |        | 16-C-75105-8342        |                |                | 30323-50B             | CDB  | CH-924S                   | CCI        | 90HS-2                     | TDD-3              |
| -471283               | COIL, RF: 6/20/45<br>RF choke; single wnd, three pie wnd; unshielded; rated 2.5 millihenrys, c/o three pie wnd ea w/255 turns #36 ES magnet wire, 16 ohms DC resistance, 250 ma DC; 1 1/2" lg x 3/4" OD o/a excluding term; ceramic form, air core; form 1 1/2" lg x 1/4" OD; mtd by two term lug 1 1/4" c to c.  |                     |        | 16-C-74687-6802        | N16-C-13160-14 |                | 30323-50A             | CDB  | CH-876S                   | CCI        | 90HS-3                     | TDD-3              |
| -471284               | Yoke, deflection coil: 6/25/45<br>CR tube deflection coil; c/o deflection coil, shield, worm gear, Fafnir K37B bearing; magnet iron shield, bronze worm gear; rated 45 to 55 millihenrys at 900 cye, 250 ohms DC resistance, 70 kc resonant freq, c/o wnd 1A, wnd B'-C', wnd A'-B', wnd 2-C' ea w/460 turns #36 wire; 4 1/4" OD x 1 1/2" ID x 2" lg o/a; mtd by ball brg; bunch wnd, four bunches per wnd.  |                     |        | 16-C-77132-1001        | N16-C-14690-12 |                |                       | CW   | ES-692545-1<br>1ss(H)14   | CW         |                            | SL<br>SL-a<br>SL-1 |
| -471285               | TRANSFORMER, IF: 6/25/45<br>peak freq 16 mc; third IF stage; shielded in rectangular aluminum can; 4" h x 2" lg x 1 1/2" wd o/a excluding term and mtg studs; tuned pri and sec; two adj powdered iron cores w/acdr adj at top of can; four #6-32 thd studs, two are 2" c to c, the other two 1 1/2" c to c; eight solder post term on bottom; inductance, pri 1.55 microhenrys w/core, 1.3 microhenrys w/o core, secd 1.4 microhenrys w/core, 1.1 microhenrys w/o core, pri Q is 90 at 13.6 mc, secd Q is 90 at 14.7 mc, incl three 50 mmf capacitors. |                     |        | 17-T-68148-5220        |                |                |                       | CAZD | 50C167                    | CHL        | 50C167 1ssA                | RBX                |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

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SHEET 47-309

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN       |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------------|
| -471286               | TRANSFORMER, IF: 6/25/45<br>peak freq 16 mc; used in diode detector input stage; shielded in rectangular aluminum can; 4" h x 2" lg x 1 1/2" wd o/a excluding term and mtg studs; tuned pri and sec; two adj powdered iron cores w/secr adj on top of can; four #6-32 thd studs, two 1 1/2" c to c, the other two 2" c to c; eight solder post term on bottom, four not used; inductance, pri 1.75 microhenrys w/core, 1.2 microhenrys w/o core, sec 1.8 microhenrys w/core, 1.3 microhenrys w/o core, pri Q is 90 at 15.15 mc, sec Q is 90 at 13.75 mc, incl two 50 mmf capacitors. |                     |        | 17-T-68148-5230        |                |                |                       | CAZD | 500168                     | CHL        | 500168 188A                 | RBX                     |
| -471287               | COIL, RF: 6/25/45<br>RF choke; single wnd, universal wnd; unshielded; rated 46 microhenrys, o/o 57 turns #22 E colanese wire, 12 mmf distributed cap; 1" lg x 1 1/16" diam o/a; air core; form 1" lg x 1/2" OD; mts by 1/2" d x #6-32 tapped hole in one end of form; one pigtail term at ea end of coil form; lacquered, impr.  |                     |        | 16-C-73526-3645        |                |                |                       | CAZD | 53A039                     | CHL        | 53A039 188A                 | RBX                     |
| -471288               | COIL, RF: 6/27/45<br>RF choke; single wnd, four pie wnd; unshielded; rated 2.5 millihenrys, 250 ma; 1 27/32" lg x 3/8" OD approx o/a excluding term; air core; form approx 1 27/32" lg x 1 1/32" diam; mts by two wire lead term, one ea end of form.  |                     |        | 16-C-74710-5020        |                |                | 30341-1               | CJA  | 34103                      | CFW        | US-33237 rev0               | RBV-2<br>RBV-2<br>RBW-3 |
| -471289               | COIL, RF: 6/30/45<br>RF ant pri coil, band #1; single wnd, single pie wnd; unshielded; rated 1.27 microhenrys at 1000 cyc, 1k ohms DC resistance, o/o 175 turns #34 E colanese wire; 1 11/16" OD x 7/8" lg o/a incl term; bakelite form, air core; form 7/8" lg x 1" OD; one mtg bkt w/ 1/8" diam hole; two solder term on form; wax impr, moistureproof.  |                     |        | 16-C-72799-8321        |                |                |                       | CZC  | 5240                       | CZC        | 5240 1es1                   | REE                     |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                         |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                         |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-309

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SHEET 47-310

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFOR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471290               | COIL, RF: 6/30/45<br>RF ant seed coil, band #1; single wnd, universal progressive wnd; unshielded; rated 202 microhenrys at 1000 cyc w/o powdered iron core, c/o 94 1/2 turns #34 E celanese wire, 7 ohms DC resistance; 2 9/16" lg x 1 15/16" OD o/a incl term and mtg bkt; bakelite form 1 1/2" lg x 1" OD; adj powdered iron core w/scdr adj end of core; two mtg bkts w/one 0.14" diam hole in ea 1 9/16" c to c; two solder term on form; wax dipped, moisture-proof. |                     |        | 16-C-76674-2591        |                |                |                       | CZC  | 5241                       | CZC        | 5241 1ss2                   | REE               |
| -471291               | COIL, RF: 6/30/45<br>RF ant pri coil, band #2; single wnd, single pie wnd; unshielded; rated 110 microhenrys at 1000 cyc, 3.55 ohms DC resistance, c/o 60 turns #34 E celanese wire; 7/8" OD x 7/8" lg o/a excluding term and mtg bkt; bakelite form, air core; form 3/4" OD 7/8" lg; one mtg bkt w/0.14" diam hole; two solder term on form; wax impr, moistureproof.   |                     |        | 16-C-73796-6673        |                |                |                       | CZC  | 5242                       | CZC        | 5242 1ss1                   | REE               |
| -471292               | COIL, RF: 6/30/45<br>RF ant seed coil, band #2; single wnd, close wnd; unshielded; rated 30 microhenrys at 1000 cyc, w/o iron core, 0.71 ohms DC resistance, c/o 42 1/2 turns #29 E wire; 7/8" OD x 2 9/16" lg o/a excluding term and mtg bkt; bakelite form 1 1/2" lg x 3/4" OD form; adj powdered iron core w/scdr adj one end of form; two mtg bkts w/one 0.14" diam hole in ea 1 5/16" c to c; two solder term; wax impr w/fungusproof wax, moistureproof.             |                     |        | 16-C-76643-4727        |                |                |                       | CZC  | 5243                       | CZC        | 5243 1ss1                   | REE               |
| -471293               | COIL, RF: 6/30/45<br>RF ant pri coil, band #3; single wnd, single pie wnd; unshielded; rated 26 microhenrys at 1000 cyc, 1.65 ohms DC resistance, c/o 32 turns #34 E celanese wire; 7/8" OD x 7/8" lg o/a excluding term and mtg bkt; bakelite form, air core; form 7/8" lg x 3/4" OD; one mtg bkt w/0.14" diam hole; two solder term on form; wax impr w/fungusproof wax.   |                     |        | 16-C-73378-6740        |                |                |                       | CZC  | 5244                       | CZC        | 5244 1ss1                   | REE               |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-310

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SHEET 47-311

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471294               | COIL, RF: 6/30/45<br>RF ant secd coil, band #3; single wnd, close wnd; unshielded; rated 5.3 microhenrys at 1000 cyc w/o iron core, 0.085 ohms DC resistance, c/o 15 1/2 turns #24 E wire; 2 1/2" lg x 7/8" OD o/a excluding term and mtg bkt; bakelite form 3/4" OD x 1 1/2" lg form; adj powdered iron core w/scdr adj end of core; two mtg bkts w/one 0.14" diam holes in ea 1 5/16" c to c; two solder lug term on form; impr w/fungusproof wax, moistureproof.  |                     |        | 16-C-76589-8431        |                |                |                       | CZC | 5245                       | CZC        | 5245 1ae1                   | REE               |
| -471295               | TRANSFORMER, RF: 6/30/45<br>RF transf, band #1; two wnd, pri universal wnd, secd progressive universal wnd; unshielded; pri rated 204 microhenrys p/m 10% at 1000 cyc, c/o 60 turns #34 E celanese wire, 5 ohms p/m 10% DC resistance, secd rated 201 microhenrys p/m 10% at 1,000 cyc, c/o 96 1/4 turns #34 E celanese wire, 7 ohms p/m 10% DC resistance; 3 1/4" lg x 1 25/32" diam approx o/a; bakelite form 2 1/4" lg x 1" OD; adj powdered iron core w/scdr adj on top of coil; two mtg bkt w/one 0.14" diam hole in ea 1 1/2" c to c; four solder lug term on form; fungusproof, wax impr. |                     |        | 17-T-82326-1753        |                |                |                       | CZC | 5248                       | CZC        | 5248 1ae2                   | REE               |
| -471296               | COIL, RF: 6/29/45<br>RF choke; single wnd, five pie wnd; rated 13.5 millihenrys at 0.1 amp, 500v, 150 ohms DC resistance, c/o 2200 turns of 0.005" diam wire, 440 turns per pie; 3/4" diam x 5 1/4" lg o/a; ceramic form; one #8-32 tapped mtg hole in ea end; one solder lug term on ea end.  |                     |        | 16-C-75199-8111        |                |                |                       | CG  | ML-7476106-1               | CG         | M-7476106-4 rev2            | TEH               |
| -471297               | COIL, RF: 6/29/45<br>RF choke; single wnd, five pie wnd; rated 2.5 millihenrys at 0.05 amp, 500v, c/o 1000 turns of 0.005" diam wire, 65 ohms DC resistance, 200 turns per pie; approx 3/4" OD x 5 1/4" lg o/a; ceramic form; one #8-32 tapped mtg hole in ea end of form; one solder lug term at ea end of form.  |                     |        | 16-C-74746-4349        |                |                |                       | CG  | ML-7476106-2               | CG         | M-7476106-5 rev2            | TEH               |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-311

**RESTRICTED**

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SHEET 47-312

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A B O STOCK NO | SIGNAL CORP'S STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|------------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471298               | TRANSFORMER, IF: 6/30/45<br>peak freq 16 mc; first IF stage; shielded in rectangular aluminum can; approx 5" h x 1 7/8" lg x 1 7/16" wd o/a; tuned pri and sec; two adj powdered iron cores w/scdr adj at top of can; four #6-32 thd spade bolts on bottom; eight solder post term on bottom, two not used; inductance, pri 1.9 microhenrys w/core, 1.2 microhenrys w/o core, 100 mmf capacity and Q of 90 at 13.6 mc, secd 1.5 microhenrys w/core, 1 microhenrys w/o core, 100 mmf capacity and Q of 90 at 14.95 mc, incl two 50 mmf ceramic capacitors and one 100,000 ohms, 1/2w resistor. |                     |        | 17-T-68148-5200        |                |                |                        | CAZD | 500165-A                   | CHL        | 500165 188A                 | RBX-1             |
| -471299               | TRANSFORMER, IF: 6/30/45<br>peak freq 16 mc; second IF stage; shielded in rectangular aluminum can; approx 5" h x 1 7/8" lg x 1 7/16" wd o/a; tuned pri and sec; two adj powdered iron cores w/scdr adj at top of can; four #6-32 thd spade bolts on bottom; eight solder post term on bottom, two not used; inductance, pri 1.6 microhenrys w/core, 1.3 microhenrys w/o core, 100 mmf cap and Q of 90 at 13.5 mc, secd 1.7 microhenrys w/core, 1.3 microhenrys w/o core, 100 mmf and Q of 90 at 13.35 mc, incl two 50 mmf ceramic capacitors and one 100,000 ohms, 1/2w resistor.            |                     |        | 17-T-68148-5210        |                |                |                        | CAZD | 500166                     | CHL        | 500166 188A                 | RBX-1             |
| -471300               | TRANSFORMER, discriminator: 6/30/45<br>16 mc peak freq; used in discriminator ckt; shielded in rectangular metal can; approx 5" lg x 1 7/8" wd x 1 7/16" h; tuned pri and sec; two adj powdered iron cores w/adj at top of can; four #6-32 thd x 7/16" lg mtg studs on bottom; eight solder post term on bottom of coil; pri 1.6 microhenrys w/slug centered in inductance range 1.35 microhenrys w/o slug, Q is 90 at 12.9 mc, 100 mmf capacity, secd w/slug centered in inductance range 1.2 microhenrys w/o slug, Q is 90 at 13.8 megohms, 100 mmf cap.                                    |                     |        | 17-T-67241-9959        |                |                |                        | CAZD | 500169                     | CHL        |                             | RBX-1             |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-312

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SHEET 47-313

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471301               | COIL, RF: 6/30/45<br>ant pri coil; single wnd, close wnd; unshielded; rated 15.8 microhenrys at 1000 cyc, 0.8 ohms DC resistance, c/o 23 1/2 turns #32 E wire; 7/8" lg x 7/8" diam o/a excluding term and mtg bkt; bakelite form, air core; 3/4" diam x 7/8" lg form; one mtg bkt 13/32" lg w/0.140" diam mtg hole; two solder lug term on sides; wax impr, fungusproof.  |                     |        | 16-C-73234-7198        |                |                |                       |      | 5246                       | CZC        | 5246 1ea2                   | REE               |
| -471302               | COIL, RF: 6/30/45<br>ant sect coil; single wnd, close wnd; unshielded; rated 1.1 microhenrys at 1000 cyc w/o iron core, 0.045 ohms DC resistance, c/o 6 3/4 turns #24 E wire 16 turns per inch; 7/8" OD x 2 1/2" lg o/a excluding term and mtg bkt; bakelite form, powdered iron core; 3/4" OD x 1 1/2" lg form; adj iron core w/sodr adj top of coil; two mtg bkt w/0.140" diam mtg hole 1 5/16" c to c; two solder lug term, wax impr, fungusproof.   |                     |        | 16-C-76532-8350        |                |                |                       |      | 5247                       | CZC        | 5247 1ea1                   | REE               |
| -471303               | TRANSFORMER, RF: 6/30/45<br>RF transf for band 2; two wnd, universal wnd; unshielded; pri rated 16.5 microhenrys p/m 10% at 1000 cyc, c/o 20 1/2 turns #34 E celanese wire, 1.24 ohms p/m 10% DC resistance, secd rated 30 microhenrys p/m 10% at 1000 cyc, 41 1/2 turns #29 E wire, 0.66 ohms p/m 10% DC resistance; 3 1/4" lg x 1 5/8" diam o/a; bakelite form, powdered iron core; form 2 1/4" lg x 3/4" OD; adj iron core w/sodr adj on top of coil; two mtg bkt w/holes 1/8" diam approx 1 1/4" c to c; four solder lug term; fungusproof, wax impr. |                     |        | 17-T-82297-8953        |                |                |                       |      | 5249                       | CZC        | 5249 1ea3                   | REE               |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-313

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SHEET 47-314

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471304               | TRANSFORMER, RF: 6/30/45<br>RF transf, band 3; two wnd, pri close wnd, sec close wnd; unshielded; pri rated 2.9 microhenry p/m 10% at 1000 cyc, c/o 9 1/2 turns #28 DC wire, 0.143 ohms p/m 10% DC resistance, sec rated 4.9 microhenry p/m 10% at 1000 cyc, c/o 14 1/2 turns #24 E wire, 0.082 ohms p/m 10% DC resistance; 3 1/4" lg x 1 5/8" diam o/a; bakelite form, powdered iron core; form 2 1/4" lg x 3/4" OD; adj iron core w/secr adj on top of coil; two mtg bkt w/holes 1/8" diam approx 1 1/4" c to c; four solder lug term; fungusproof, wax impr. |                     |        | 17-T-82274-8053        |                |                |                       | CZC | 5250                       | CZC        | 5250 1se2                   | REE               |
| -471305               | TRANSFORMER, RF: 6/30/45<br>RF transf band 4; two wnd, pri interwound, sec spaced; unshielded; pri rated 1.1 microhenry p/m 10% at 1000 cyc, c/o 6 1/4 turns #28 DC wire, 0.1 ohms p/m 10% DC resistance, sec rated 1.1 microhenry p/m 10% at 1000 cyc, c/o 6 3/4 turns #24 E wire, 0.05 ohms p/m 10% DC resistance; 3 1/4" lg x 1 5/8" diam o/a; bakelite form, powdered iron core; 2 1/4" lg x 3/4" OD; adj iron core w/secr adj on top of coil; two mtg bkts w/holes 0.140" diam 1 1/4" c to c; four solder lug term; fungusproof, wax impr.                 |                     |        | 17-T-82269-4453        |                |                |                       | CZC | 5251                       | CZC        | 5251 1se1                   | REE               |
| -471306               | TRANSFORMER, RF: 6/30/45<br>osc transf; single wnd, close wnd; unshielded; pri rated 7.6 microhenry p/m 10% at 1000 cyc, c/o 12 turns #32 E wire, 0.55 ohms p/m 10% DC resistance, sec rated 79 microhenry p/m 10% at 1000 cyc, c/o 49 1/4 turns #32 E wire, 2.2 ohms p/m 10% DC resistance; 3 1/4" lg x 1 7/8" diam o/a; bakelite form, powdered iron core in sec, air core in pri w/form 2 1/4" lg x 1" OD; adj iron core w/secr adj on top of coil; two mtg bkts w/holes 0.140" diam 1 1/2" c to c; three solder lug term; fungusproof, wax impr.            |                     |        | 16-c-76657-4097        |                |                |                       | CZC | 5252                       | CZC        | 5252 1se2                   | REE               |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVYSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-314

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SHEET 47-315

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471307               | COIL, RF: 6/30/45<br>osc transf; single wnd, close wnd; unshielded; pri rated 2.9 microhenrys p/m 10% at 1000 cyc, c/o 9 1/2 turns #29 E wire, 0.18 ohms p/m 10% DC resistance, sec'd rated 14.1 microhenrys p/m 10% at 1000 cyc, c/o 24 1/2 turns #29 E wire, 0.44 ohms p/m 10% DC resistance; 3 1/4" lg x 1 5/8" diam o/s; bakelite form, powdered iron core in sec'd, air core in pri w/form 2 1/4" lg x 3/4" OD; adj iron core w/sec'd adj on top of coil; two mtg bkt w/holes 0.140" diam 1 1/4" c to c; three solder lug term; fungusproof, wax impr.                           |                     |        | 16-C-76627-8353        |                |                |                       | OZC | 5253                       | OZC        | 5253 1ea1                   | REE               |
| -471308               | COIL, RF: 6/30/45<br>osc transf; single wnd, space wnd; unshielded; pri rated 0.5 microhenrys p/m 10% at 1,000 cyc, c/o 4 1/2 turns #24 E wire, 0.038 ohms p/m 10% DC resistance, sec'd rated 2.7 microhenrys p/m 10% at 1,000 cyc, c/o 12 turns #24 E wire, 0.075 ohms p/m 10% DC resistance; 3 1/4" lg x 1 5/8" diam o/s; bakelite form, powdered iron core in sec'd, pri air core w/form 2 1/4" lg x 3/4" OD; adj iron core w/sec'd adj on top of coil; two mtg bkts w/mtg holes 0.140" diam 1 1/4" c to c; three solder lug term; fungusproof, wax impr.                          |                     |        | 16-C-76569-9671        |                |                |                       | OZC | 5254                       | OZC        | 5254 1ea1                   | REE               |
| -471309               | COIL, RF: 6/30/45<br>osc transf; single wnd, space wnd; unshielded; pri rated 0.39 microhenrys p/m 10% at 1000 cyc, c/o 2 turns #24 E wire, 0.025 ohms p/m 10% DC resistance, sec'd rated 0.72 microhenrys p/m 10% at 1000 cyc, c/o 4 1/2 turns #24 E wire, 0.037 ohms p/m 10% DC resistance, wnd 16 turns per inch; 3 1/4" lg x 1 5/8" diam o/s; bakelite form, powdered iron core in sec'd, air core in pri w/form 2 1/4" lg x 3/4" OD; adj iron core w/sec'd adj on top of coil; two mtg bkts w/mtg holes 0.140" diam 1 1/4" c to c; three solder lug term; fungusproof, wax impr. |                     |        | 16-C-76532-9214        |                |                |                       | OZC | 5255                       | OZC        | 5255 1ea2                   | REE               |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-315

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SHEET 47-316

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471310               | TRANSFORMER, IF: 6/30/45<br>455 kc peak freq; first IF transf; unshielded;<br>1 11/32" lg x 1 11/32" wd x 4 5/16" h o/a; pri and<br>secd tuned; two adj powdered iron cores w/adj on top<br>and bottom; mtd by end bushing; seven color coded<br>wire lead term; wax impr, fungus proof, pri rated<br>320 microhenrys at 1000 cps w/o iron core, 4.72 ohms<br>DC resistance, secd rated 331 microhenrys at 1000 cps<br>w/o iron core, 4.73 ohms DC resistance, tertiary<br>wnd c/o 6 turns tapped at 3 turns and is wnd under<br>pri and connected to one side of secd, pri has 200<br>mmf shunt capacity and secd has 240 mmf shunt<br>capacity. |                     |        | 17-T-67604-2463        |                |                |                       | CZC  | 5256                       | CZC        | 5256 1ee2                   | REE               |
| -471311               | TRANSFORMER, IF: 6/30/45<br>455 kc peak freq; second IF transf; unshielded;<br>1 11/32" lg x 1 11/32" wd x 4 5/16" h o/a; pri and<br>secd tuned; two adj powdered iron cores w/adj on top<br>and bottom of coil; mtd by end bushing; seven color<br>coded wire lead term; wax impr, fungus proof, pri<br>rated 352 microhenrys at 1000 cps w/o iron core,<br>4.93 ohms, secd rated 331 microhenrys at 1000 cps w/o<br>iron core, 4.73 ohms DC resistance, tertiary wnd c/o<br>6 turns tapped at 3 turns, 240 mmf capacity across<br>pri and across secd.  |                     |        | 17-T-67604-2468        |                |                |                       | CZC  | 5257                       | CZC        | 5257 1ee2                   | REE               |
| -471312               | TRANSFORMER, IF: 6/30/45<br>455 kc peak freq; third IF transf; unshielded;<br>1 11/32" lg x 1 11/32" wd x 2 13/16" h o/a; tuned<br>pri only; one adj powdered iron core w/secd adj one<br>end of coil; mtd by end bushing; five wire lead term;<br>wax impr, fungus proof, pri rated 885 microhenrys at<br>1000 cps w/o iron core, 12.3 ohms DC resistance,<br>secd rated 1.45 millihenrys at 1000 cps w/o powdered<br>iron core has two pie wnd connected series aiding mtd<br>on both sides pri and tightly coupled, 16.7 ohms DC<br>resistance, pri has 100 mmf shunt capacity end secd<br>has 51 mmf RF bypass at low end of wnd.             |                     |        | 17-T-67598-9191        |                |                |                       | CZC  | 5258                       | CZC        | 5258 1ee1                   | REE               |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-316

**RESTRICTED**



RESTRICTED

SHEET 47-317

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E.S.O STOCK NO | A.S.O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471313               | TRANSFORMER, RF: 6/30/45<br>RFO transf; single wnd, universal wnd; unshielded; pri rated 14.3 microhenrys p/m 10% at 1000 cyc w/o powdered iron core, c/o 35 turns #34 E celanese wire, 1.34 ohms p/m 10% DC resistance, secd rated 363 microhenrys p/m 10% at 1000 cyc w/o powdered iron core, c/o 165 turns #34 E celanese wire, 7.16 ohms p/m 10% DC resistance, coil tunes to 455 kc; approx 2 7/8" h x 1 3/8" wd x 1 3/8" lg o/a; bakelite form, powdered iron core; form 1 3/4" lg x 7/16" diam; adj iron core w/sclr adj on end; bushing mtg; three wire lead term; fungusproof, var impr, assem incl 200 mmf mica capacitor, 51 mmf mica capacitor, 47000 ohms 1/2w comp resistor. |                     |        | 16-C-76683-7961        |                |                |                       | OZC  | 5259                       | OZC        | 5259 1a01                   | REE               |
| -471314               | COIL, RF: 6/30/45<br>455 kc wave trap; single wnd, universal wnd; unshielded; rated 511.5 microhenrys p/m 10% at 1000 cyc w/o powdered iron core, c/o 195 turns #24 Litz wire, 5.87 ohms p/m 10% DC resistance, tuned to 455 kc; approx 2 7/16" h x 1 11/32" wd x 1 11/32" lg; bakelite form, powdered iron core; form 1 3/8" lg x 7/16" OD; adj iron core w/sclr adj on end; bushing mtg; one wire lead, two solder lug term; fungusproof, var impr, 200 mmf mica capacitor connected in series w/coil.   |                     |        | 16-C-76693-5261        |                |                |                       | OZC  | 5319                       | OZC        | 5319 1a01                   | REE               |
| -471315               | COIL, RF: 7/2/45<br>RF choke coil; single wnd, single layer wnd; unshielded; rated 1.8 millihenrys, c/o 22 turns #28 ES wire, 200 ma cur-rating, 0.07 ohms DC resistance, self resonant at 20.6 mc p/m 3%; approx 5/8" lg x 3/16" diam o/a; mica filled bakelite form, air core; mts by two 1 1/2" lg wire lead term; lacquer impr; fungusproof.   |                     |        | 16-C-74519-2592        | N16-RC-17612   |                | 30323-NQ              | ODL  | A-207-1346                 | ODL        | A-207-1346 rev2             | AN/UPA-1          |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-317

RESTRICTED

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SHEET 47-318

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                              |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|--|
| -471316               | COIL, RF: 7/4/45<br>RF choke; single wnd, single layer; un shielded; rated 10 microhenrys, 0.054 ohms DC resistance, c/o 81 turns #14 DC wire; 17" lg x 1 9/16" h x 1 1/16" wd c/a; air core, glass tube form 1" OD x 17" lg; mtd by two screw term in end clips; tropicalized.  |                     |        | 16-C-73127-8705        |                |                |                       | CFT | RC-1007-2-6                | CFT        | RC-1007-ZE-6<br>1saE        | TPA  |
| -471317               | COIL, RF: 7/4/45<br>grid inductor; single wnd, air wnd; unshielded; rated 23.5 microhenrys max, 0.058 ohms DC resistance max, c/o 18 turns flat copper strip 0.775" wd; 10 1/8" wd x 29 11/16" lg x 12 1/2" h c/a; air core, air wnd; number of turns adj w/sliding cont; adj shaft one end; mtg bkts ea end; two term bolts on end opposite adj shaft.                              |                     |        | 16-C-76635-4958        |                |                |                       | CFT |                            | CFT        | RC7016-14A 1saA             | TPA  |
| -471318               | COIL, RF: 7/7/45<br>RF choke; single wnd, five pie, universal progressively wnd; unshielded; rated 1 millihenry at 600 ma, c/o 434 turns #28DS wire, 6 ohms DC resistance; 3 1/2" lg x 2" h x 1" wd c/a; air core, isolantite form 9/16" diam x 3 7/16" lg; two mtg holes 1 5/8" c to c; two solder lug term, one ea end of form; same as NF-471496 electrically but not physically. |                     |        | 16-C-74397-7470        | N16-C-14375-30 |                | 3CK326-154-4          | CNA | R-154-U                    | CFT        | F-40376-1A                  | TDN-2 (2)<br>TDN (2)<br>TDN-3 (2)<br>TDN-4 (2) |
| -471319               | COIL, RF: 7/9/45<br>RF choke; single wnd, three pie universal wnd; unshielded; rated 1 millihenry plus 4% minus 3%, 50 ohms DC resistance, ea pie c/o 103 turns #32DS wire; 1 15/16" lg x 1 1/32" OD c/a; ceramic form, air core; one #8-32 thd mtg hole 3/8" d ctr in base of form; two cotter pin term; impr for tropical use.   |                     |        | 16-C-74383-3146        | N16-C-13223    |                | 3C323-163C            | CG  | ML-7463850-1               | CG         | M-7463850-3rev10            | TDZ (4)  |
| -471320               | COIL, RF: 7/9/45<br>RF choke coil; single wnd, close wnd; unshielded; rated 7.2 microhenrys p/m 10% at 1,000 cyc, c/o 46 turns #28E wire, resonant freq 136 mc, 0.32 ohms approx DC resistance; 1 15/16" lg x 3/8" diam, less term, c/a; ceramic form, air core; form 1 1/8" lg x 1 1/4" diam; mts by #6-32 thd hole on end of coil; two cotter pin term; fungusproof.               |                     |        | 16-C-73054-2511        |                |                |                       | CNA | K-7103807-1                | CG         | K-7103807-1 rev3            | TDZ  |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |  |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |  |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-318

**RESTRICTED**

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SHEET 47-319

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFOR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471321               | COIL, RF: 7/9/45<br>choke coil; single wnd, four pie, universal wnd; unshielded; rated 2 millihenrys p/m 5% at 1,000 cyc, c/o four pie wnd ea w/210 turns, 36 ohms p/m 10% DC resistance; 1 15/16" lg x 1/2" diam less term o/a; ceramic form, air core; form approx 1 1/16" lg x 1/4" diam; mts by #6-32 thd hole on end of coil; two cotter pin term; fungusproof.   |                     |        | 16-C-74558-9157        | N16-C-13149-452 |                |                       | CNA  | R-100U Modified            | CG         | K-7103430-1 rev2            | TDZ               |
| -471322               | TRANSFORMER, RF: 7/10/45<br>RFO transf; two wnd; shielded, zinc can; pri rated 103.8 millihenrys at 1,000 cyc in air, 5 ohms DC resistance, c/o 73 turns #7-42 Litz SE wire, secd rated 24 millihenrys at 1,000 cyc in air, 2 ohms DC resistance, c/o 30 turns #7-42 Litz SE wire 1 15/16" lg x 1 3/8" wd x 4" h o/a excluding term; adj powdered iron core w/secr adj on top of can; two #6-32 thd mtg studs on bottom of can 1 3/8" x 1" on diagonal mtg/c; five solder term; wax impr, incl two capacitors.   |                     |        | 17-T-81631-3155        |                 |                |                       | CWS  | G-555619                   | CWS        | G-555619 revH               | TCS-8             |
| -471323               | TRANSFORMER, IF: 7/10/45<br>455 kc peak freq; third IF transf; shielded, rectangular metal can; 1 15/16" lg x 1 3/8" wd x 4" h excluding term and mtg studs; tuned pri and secd; two adj powdered iron cores w/secr adj on top; two #6-32 thd mtg bolts on 1 3/8" x 1" diagonal mtg/c; six solder lug term on bottom of coil; pri and secd identical ea rated 0.8 millihenrys at 1000 cps in air, 15 ohms DC resistance, wax impr, assem incl two 100 mmf ceramic tubular capacitors and one 100 mmf ceramic tubular capacitors and one 0.22 megohm BT-1/2 resistor, can is gnd. |                     |        | 17-T-67633-3901        |                 |                |                       | CWS  | G-555618                   | CWS        | G-555618 revH               | TCS-8             |
| -471324               | TRANSFORMER, IF: 7/10/45<br>455 kc peak freq; first and second IF transf; shielded, rectangular metal shield; 1 15/16" lg x 1 3/8" wd x 4" h excluding term and mtg studs; tuned pri and secd; two adj powdered iron cores w/secr adj on top; two #6-32 thd mtg bolts on 1 3/8" x 1" diagonal mtg/c; six solder lug term on bottom of coil; pri and secd identical, ea rated 0.8 millihenrys at 1000 cps, 15 ohms DC resistance, wax impr, assem incl two 100 mmf ceramic tubular capacitors and two 0.22 megohm BT-1/2 resistors, can is gnd.                                   |                     |        | 17-T-67633-3876        |                 |                |                       | CWS  | G-555617                   | CWS        | G-555617 revH               | TCS-8             |
|                       |  |                     |        |                        |                 |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                 |                |                       |      |                            |            |                             |                   |

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SHEET 47-320

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471325               | COIL, RF: 7/11/45<br>RF choke; single wnd, five pie, universal wnd; unshielded; rated 500 microhenrys p/m 10%; c/o five pie wnd ea v/66 turns of 0.0185" diam DC wire, 7.5 ohms DC resistance, 250 ma cur rating; approx 6" lg x 7/8" wd x 2 9/16" h o/a; air core, w/form approx 4" lg x 3/4" diam; mts on stand-off ins approx 1 1/2" lg x 3/4" diam w/thd hole in ea end of ins; mtg bkt used for term; impr. |                     |        | 16-C-74183-3265        |                |                |                       | CG  | ML-7473701-2               | CG         | M-7473701-13<br>rev 0       | TDP-1             |
| -471326               | TRANSFORMER, RF: 7/14/45<br>ant coupler; two wnd; unshielded; 1.6" lg x 1.5" OD; iron core; core 1/2" OD x 9/10" lg; mtd between two bkt by ins rod through ctr; four flex leads term; couples monopole ant to 150 ohm balanced line, experimental model, freq range 1.5 to 3.75 mc.   |                     |        | 17-T-81806-6001        |                |                |                       | RA  |                            |            |                             | DAL               |
| -471327               | TRANSFORMER, RF: 7/14/45<br>ant coupler; two wnd; unshielded; freq range 3.75 mc to 7.5 mc; 1.6" lg x 1.5" OD; iron core; core 1" lg x 1/2" OD; mtd between two bkt by ins rod thru ctr; four flex lead term.  |                     |        | 17-T-81813-4411        |                |                |                       | RA  |                            |            |                             | DAM               |
| -471327-A             | ANTENNA COUPLING ASSEMBLY: 4/25/46<br>ant coupling; 2 wnd, spcl shielded; 1.6" lg x 1 1/2" OD; iron core; bkt mtd; 4 wire lead term; freq range 3.75 to 7.5 mc.  |                     |        |                        |                |                |                       |     |                            |            |                             | DAM               |
| -471328               | TRANSFORMER, RF: 7/14/45<br>ant coupler; two wnd; unshielded; 1.6" lg x 1.5" OD; iron core; core 1/2" OD x 9/10" lg; mtd between two bkt by ins rod through ctr; four flex lead term; couples monopole ant to 150 ohm balanced transmission line, experimental, freq range 7.5 to 15 mc.   |                     |        | 17-T-81824-6001        |                |                |                       | RA  |                            |            |                             | DAN               |
| -471328-A             | ANTENNA COUPLING ASSEMBLY: 4/25/46<br>ant coupling; 2 wnd; spcl shielded; 1.6" lg x 1 1/2" OD; iron core; bkt mtd; 4 wire lead term; freq range 7.5 to 15 mc.  |                     |        |                        |                |                |                       |     |                            |            |                             | DAN               |
| -471329               | COIL, RF: 7/14/45<br>ant coupler; two wnd; unshielded; freq range 15 to 30 mc; couples monopole ant to 150 ohm balanced line, experimental model.  |                     |        |                        |                |                |                       | RA  |                            | OFT        |                             | DAO               |

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SHEET 47-321

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471330               | TRANSFORMER, IF: 7/14/45<br>12 mc peak freq; #1 IF transf; shielded, aluminum can; 7/8" sq x 2 1/2" h o/a; tuned pri and secd; two adj powdered iron cores; mts w/single 1/4"-28 thd bushing protruding from bottom; four wire term protruding from bottom; impr for tropical use, one 40 mmf p/m 2 1/2% capacitor shunted across pri and one 50 mmf p/m 2 1/2% capacitor shunted across secd. |                     |        | 17-T-68061-8606        |                |                |                       | CHW | LI-0001                    | CHW        | LI-0001 chg0                | MAW               |
| -471331               | TRANSFORMER, IF: 7/14/45<br>12 mc peak freq; #2 IF transf; shielded, aluminum can; 7/8" sq x 2 1/2" h o/a; tuned pri and secd; two adj powdered iron cores; mts w/single 1/4"-28 thd bushing protruding from bottom; four wire term protruding from bottom; impr for tropical use, pri and secd ea shunted by 50 mmf p/m 2 1/2% capacitor; same as NT-471334 except for color coded leads.     |                     |        | 17-T-68061-8621        |                |                |                       | CHW | LI-0002                    | CHW        | LI-0002 chg0                | MAW               |
| -471332               | COIL, RF: 7/14/45<br>third interstage; one wnd, layer wnd; shielded, rectangular aluminum can; 12 mc peak freq; 7/8" lg x 7/8" wd x 2 1/2" h o/a; powdered iron core; adj iron core w/acr adj through bottom of can; mts 1/4"-28 thd bushing protruding from bottom; four wire lead term protruding from bottom; leads color coded; incl one resistor, two capacitors, impr for tropical use.  |                     |        | 16-F-32707-8116        |                |                |                       | CHW | LI-0003                    | CHW        | LI-0003 chg0                | MAW               |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|----------------------------|-------------------|
| -471333               | COIL, RF: 7/14/45<br>#4 interstage; one wnd, layer wnd; shielded, rectangular aluminum can; 12 mc, peak freq; 7/8" lg x 7/8" wd x 2 1/2" h o/a; powdered iron core; adj iron core w/scrw adj bottom of can; mts by 1/4"-28 thd bushing protruding from bottom; four wire lead term protruding from bottom; leads color coded; impr for tropical use, incl two ceramic capacitors and one resistor.  |                     |        | 16-F-32707-8118        |                |                |                       | CBW  | LI-0004                    | CBW        | LI-0004 o b g 0            | MAW               |
| -471334               | TRANSFORMER, IF: 7/14/45<br>12 mc peak freq; diode output IF transf; shielded, aluminum can; 7/8" sq x 2 1/2" h o/a; tuned pri and secd; two adj powdered iron cores; mts w/single 1/4"-28 thd bushing protruding from the bottom; four wire term protruding from bottom of coil; impr for tropical use, pri and secd ea shunted by a 50 mmf p/m 2 1/2% capacitor; same as NT-471331 except for color coded leads.  |                     |        | 17-T-68061-8706        |                |                |                       | CBW  | LI-0005                    | CBW        | LI-0005 c h g 0            | MAW               |
| -471335               | TRANSFORMER, IF: 7/16/45<br>1235 kc peak freq; second IF transf; unshielded; 2 5/8" lg x 3/8" OD o/a; micarta form, air core; no integral mtg provided; seven wire lead term; pri rated 108 microhenrys and c/o 90 turns #30-44 ES Litz wire wnd in two pies, 1.52 ohms DC resistance, secd #1 rated 105 microhenrys and c/o 90 turns #30-44 ES Litz wire in two pies w/top at 45 turns, 152 ohms DC resistance, sect #2 rated 11 microhenrys, c/o 6 1/2 turns #36 DC wire 0.37 ohms DC resistance. |                     |        | 17-T-67740-4488        |                |                |                       | CAY  | T-7607405-19               | CAY        | T-7607405-19 eub23         | REM               |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO            | EQUIPMENT USED IN                         |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|--|---|
| -471336               | COIL, RF: 7/17/45<br>RF choke; one wnd, pie wnd; unshielded; rated 10 millihenrys, Q is 56 at 125 kc, wnd c/o 36 turns #36 AWG wire; 15/16" lg x 1 1/16" diam o/a; ceramic form, air core; form 3/8" lg x 1/2" diam OD; 0.145" diam hole for mtg; solder lug term on ea side.   |                     |        | 16-C-75061-3582        |                |                | 3C307-10              | CFW | SC-102A                    | CFM<br>CG  | 920-208<br>K-7129043-6 rev0            | SU<br>SU-1                                |
| -471337               | RF CHOKE: 7/19/45<br>RF choke; 1 wnd, pie wnd; shielded, rectangular metal can; 1.3 to 2.4 microhenrys at 1 kc, DC resistance 1835 ohms; 315 1/2 turns 15X44 ES wire; 2" lg x 1 1/8" h x 1 3/16" wd excluding slug and mtg studs; iron core; adj iron core; scdr adj through top of can; 2 spade bolts bottom of can 1 1/8" c to c; 2 solder lug term; wax impr.  | RE13A554D           |        | 16-C-76536-8221        | N16-C-13151-16 |                |                       |     |                            | CHZ        | CL-1045-D                              | EM<br>BO<br>EM-1<br>EM-2<br>BO-1          |
| -471338               | COIL, RF: 7/19/45<br>RF choke; one wnd, layer wnd; shielded, rectangular metal can; rated 7 to 14 microhenrys, Q is 40 at 9 to 13 mc, wnd c/o 30 1/2 turns #30 E wire; 1 5/16" wd x 1 5/16" lg x 2 5/8" h excluding term and mtg lugs; bakelite form, powdered iron core; adj iron core w/screw adj on top of can; mts by two spade bolts 1 5/16" c to c; two solder lug term on bottom; wax impr, incl mica capacitor.   | RE13A554D           |        | 16-C-76602-2628        | N16-T-6008-5   |                |                       | CFW | CL-1058-A                  | CHZ        | CL-1058 revA4                          | EM<br>BO<br>EM-1<br>EM-2<br>BO-1          |
| -471339               | COIL, RF: 7/19/45<br>IF coil; one wnd, layer wnd; shielded, rectangular metal can; rated 4 to 8 microhenrys, DC resistance 0.3 ohms, Q is 40 at 9 to 13 mc, wnd c/o 21 1/2 turns #30 E wire; 1 5/16" wd x 1 5/16" lg x 2 5/8" h excluding term and mtg studs; bakelite form, powdered iron core 3/8" diam x 3/4" lg; adj iron core w/screw adj on top of can; mts by two #6-32 thd spade bolts 1 5/16" c to c; four solder lug term on bottom, one not used; incl 50 mmf capacitor, wax impr. | RE13A554D           |        | 16-C-76575-4255        | N16-T-5911-5   |                |                       | CFW | 1048H                      | CHZ<br>CHZ | CL-1048-1<br>CL-1048-2<br>CL-1048 1eaB | EM<br>BO<br>EM-1(2)<br>EM-2(2)<br>BO-1(2) |

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SUPPLEMENT # 1

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                         |
|-----------------------|---|---------------------|--------|------------------------|-----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|---|
| -471340               | <p>COIL, RF: 7/19/45</p> <p>IF coil; one wnd, layer wnd; shielded, rectangular metal can; rated 8.5 to 17 microhenrys, DC resistance 0.5 ohms, Q is 40 or greater at 9 to 13 mc; c/o</p> <p>33 1/2 turns #30 E wire; 1 5/16" lg x 1 5/16" wd x 2 5/8" lg excluding term and mtg studs; bakelite form, iron core 3/8" diam x 3/4" lg; adj iron core w/screw adj top of can; mts by two #6-32 thd spade bolts</p> <p>1 5/16" c to c; four solder lug term on bottom; incl 50 mmf capacitor, wax impr.</p> | RE13A55D            |        |                        | N16-RT-77369-50 |                |                       | CFW | CL-1047-A                  | CZ         | CL-1047 1aaB5               | EM<br>BO<br>EM-1(2)<br>EM-2(2)<br>BO-1(2) |
| -471341               | <p>COIL, RF: 7/19/45</p> <p>IF coil; one wnd, layer wnd; shielded, rectangular zinc can; rated 6 to 12 microhenrys, DC resistance 0.4 ohms, Q is 40 or greater at 9 to 13 mc, wnd c/o</p> <p>27 1/2 turns #30 E wire; 1 5/16" lg x 1 5/16" wd x 2 5/8" h excluding term and mtg studs; bakelite form, powdered iron core; adj iron core w/screw adj top of can; mts by two #6-32 thd spade bolts 1 5/16" c to c;</p> <p>four solder lug term, one not in use; wax impr, incl 50 mmf capacitor.</p>      | RE13A554D           |        |                        | N16-RT-77369-70 |                |                       | CFW | CL-1049H                   | CZ         | CL-1049 1aaB5               | EM<br>BO<br>EM-1<br>EM-2<br>BO-1          |
| -471342               | <p>7th IF TRANSFORMER: 7/19/45</p> <p>11 mc peak freq, band width 9 mc to 13 mc; 2 5/8" lg x 1 5/16" wd x 1 5/16" h less studs and term; rectangular zinc case; mtd by two #6-32 x 7/16" lg spade bolts 1 5/16" c to c; 4 solder lug term on bottom of case; incl 50 mmf mica capacitor, wax impr.</p>  | RE13A554D           |        | 16-F-32706-7126        | N16-T-5993-50   |                |                       | CZ  | CL-1050-B                  | CZ         | CL-1050 1aa B5              | EM<br>BO<br>EM-1<br>EM-2<br>BO-1          |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-324

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SHEET 47-325

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                 |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-----------------------------------|
| -471343               | NETWORK, pulse delay: 7/21/45<br>time delay network; assem c/o four identical coils, ea vnd over copper foil; aluminum base, clear lacquer finish; rated 1.0 microsecond time delay constant, ea coil c/o 350 turns #30 E wire, 220 ohms impedance p/m 20%, 10.76 ohms DC resistance; 7.75" lg x 2.531" wd x 1.624" h o/a; two mtg bkt v/ holes 0.187" diam 7.125" c to c; three solder lug term on one end. |                     |        | 16-N-54926-1022        | N16-N-482-125  |                | 226840-41             | OGG        | 1B101479                   | OGG        | 1B101479 revA               | AN/SPA-1<br>AN/APA-6<br>AN/APA-6A |
| -471344               | OSCILLATOR SUBASSEMBLY: 7/21/45<br>mechanically created inductance; incl capacitor and mechanically created inductance, c/o seven rotors, eight stator butterfly plates; resonant freq 135 to 485 mc; 4 3/8" OD x 4" lg o/a; mtg bkt front end; has rotor mtd by ball brg.   |                     |        | 16-T-98076-4551        | N16-O-1580-16  |                |                       | CFD<br>OGG | TW30<br>51C48606           | OGG        | 51C48606 rev0               | AN/APR-1<br>AN/SFR-1              |
| -471345               | OSCILLATOR SUBASSEMBLY: 7/21/45<br>mechanically created inductance; composed of capacitor and mechanically created inductance, has four rotor and five stator butterfly shaped plates; resonant freq 300 to 1000 mc; 2 1/2" OD x 3 7/16" lg o/a; four holes, #6-32 thd on 1" rad, spaced 90 deg apart; has rotor mtd by ball brg.  |                     |        | 16-T-98078-3031        | N16-O-1580-17  |                |                       | CFD<br>OGG | TW3A<br>51C48604           | OGG        | 51C48604 rev0               | AN/APR-1<br>AN/SFR-1              |
| -471346               | OSCILLATOR SUBASSEMBLY: 7/21/45<br>mechanically created inductance; resonant freq 104 to 330 mc; c/o eight rotor, nine stator butterfly shaped plates; 4 1/4" OD x 3 13/16" d o/a; four mtg studs; has rotor mtd by ball brg, incl capacitor.  |                     |        | 16-T-98076-1451        | N16-O-1580-18  |                |                       | CFD<br>OGG | TW2A<br>51C100779          | OGG        | 51C100779 rev0              | AN/APR-1<br>AN/SFR-1              |
| -471347               | OSCILLATOR SUBASSEMBLY: 7/23/45<br>mechanically created inductance; resonant freq 74 to 300 mc; c/o seven rotor, eight stator butterfly shaped plates; 6.092" OD x 3 15/16" d; three mtg studs on front for panel mtg; has rotor mtd by ball brg.  |                     |        | 16-T-98073-2191        | N16-O-1580-19  |                |                       | CFD<br>OGG | TW20<br>51C100778          | OGG        | 51C100778 rev0              | AN/APR-1<br>AN/SFR-1              |

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NAVS-HIPS 900,109(A)  
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SHEET 47-326

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO      | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|----------------------------------|-------------------|
| -471348               | TRANSFORMER, RF:<br>RF transf; single, layer wnd; sq, aluminum shield can; rated 52 microhenrys, c/o 141 turns #33 E wire, tapped at 35 1/2 turns, pri rated 0.8 ohms and secd 2.2 ohms<br>DC resistance; 1 15/16" h x 1 7/32" lg x 1 3/32" wd excluding term and mtg studs; bakelite form, air core; mtd by two #6-32 thd bolts 1 3/16" o to c; four solder lug term on bottom; tropicalized.   | 7/23/45             |        | 16-C-73582-4840        |                |                |                       | CFW | 13183                      | CIA        | B-6.2-13 chgC                    | TS-251/UP         |
| -471349               | TRANSFORMER, RF:<br>RF transf; single, layer wnd; cylindrical, aluminum shield can; rated 9.3 microhenrys from start to yellow tap, 5.7 microhenrys from yellow tap to blue tap, c/o 83 turns of #33E wire tapped at 21 2/3 and 61 1/3 turns, DC resistance for pri is 0.2 ohms and 0.5 ohms for secd wnd; 1 7/8" h x 7/8" dia excluding term and mtg studs; bakelite form, air core; form 0.230" ID x 0.280" OD x 1.843" lg; mtd by two thd bolts 13/16" o to c; four solder post term on bottom. | 7/23/45             |        | 16-C-73083-7043        |                |                |                       | CFW | 13184M                     | CIA        | B-6.2-14 chgE                    | TS-251/UP         |
| -471350               | COIL, RF:<br>retardation coil; single wnd, single layer; unshielded; rated 60 microhenry at 50 kc, 6.4 ohms DC resistance, c/o 152 turns #37 E wire; 1 17/32" lg x 17/32" OD body; air core, phenolic form; mtd by two axial lead term; encased in phenol tube, varnish impr.  | 7/24/45             |        | 16-0-73601-1834        |                |                |                       | CW  | D-172528                   | CW         | E80-660811<br>1ee5<br>E80-639519 | TS-239/UP         |
| -471351               | COIL, RF:<br>retardation coil; single wnd, single layer; unshielded; rated 89 microhenrys at 50 kc, 11.5 ohms DC resistance; 1 17/32" lg x 17/32" OD body; air core, phenolic form; mtd by two axial lead term; core and coil encased in phenol tube, varnish impr.  | 7/24/45             |        | 16-0-73695-4001        |                |                |                       | CW  | D-172529                   | CW         | E80-660811<br>1ee5<br>E80-639519 | TS-239/UP         |
| -471352               | COIL, RF:<br>retardation coil; single wnd, single layer; unshielded; rated 31.6 microhenries at 50 kc, 2.7 ohms DC resistance emx, c/o 95 turns #33 E wire; 1 17/32" lg x 17/32" OD body; air core, phenolic form; mtd by two dual axial lead term; core and coil encased in phenol tube, varnish 1 pr.  | 7/24/45             |        | 16-C-73517-4267        |                |                |                       | CW  | D-172530                   | CW         | E80-660811 1ee 5<br>E80-639519   | TS-239/UP         |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                                  |                   |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR      | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO      | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|----------|----------------------------|------------|----------------------------------|-------------------|
| -471353               | COIL, RF: 7/24/45<br>retardation coil; single wnd, single layer; unshielded; rated 27 microhenrys at 50 kc, 1.45 ohms DC resistance; 1 17/32" lg x 17/32" OD body; air core, phenolic form; mtd by two axial lead term; core and coil encased in phenol tube, varnish impr.  |                     |        | 16-C-73386-3134        |                |                |                       | CW       | D-172531                   | CW         | ES0-660811<br>1885<br>ES0-639519 | TS-239/UP         |
| -471354               | COIL, RF: 7/24/45<br>retardation coil; single wnd, single layer; unshielded; rated 136 microhenrys at 50 kc, 19 ohms DC resistance max, c/o 185 turns #39 E wire; 1 17/32" lg x 17/32" OD body; air core, phenolic form; mtd by two axial lead term; encased in phenol tube, varnish impr.   |                     |        | 16-C-73850-7922        |                |                |                       | CW       | D-172532                   | CW         | ES0-660811<br>1885<br>ES0-639519 | TS-239/UP         |
| -471355               | COIL, RF: 7/24/45<br>retardation coil; single wnd, single pie duolateral wnd; unshielded; rated 15 p/m 3 millihenrys at 1.8 kc, 80 ohms DC resistance max, c/o 1060 turns #35 E wire; 1 7/16" OD x 1 9/32" lg o/a; air core; 5/32" mtg hole ctr of form; two solder lug term on one end; moisture and fungusproof.                                 |                     |        | 16-C-75218-9731        |                |                | 3CK1987-107           | CW       | D-166838                   | CW         | ES0-649538<br>1888               | TS-239/UP         |
| -471356               | COIL, RF: 7/24/45<br>retardation coil; single wnd, single layer; unshielded; rated 50.7 microhenrys min, 51.7 microhenrys max 100 kc, 9.9 ohms DC resistance, c/o 130 turns #38 E wire; 1 17/32" lg x 17/32" OD body; air core, phenolic form; mtd by two axial lead term; core and coil encased in phenolic tube.                                 |                     |        | 16-C-73578-6546        |                |                | 3C303-165             | CW       | D-167138                   | CW         | BA-111681 1881                   | TS-239/UP         |
| -471357               | COIL, RF: 7/24/45<br>retardation coil; single wnd, four sect, duola eral; unshielded; rated 346.5 microhenrys min, 353.5 microhenrys max at 500 kc, 9.70 ohms DC resistance max, c/o 400 turns #34 SE wire; 1 1/2" lg x 17/32" OD body; air core, phenolic form; mtd by two axial lead term; core and coil encased in phenolic tube, varnish impr. |                     |        | 16-C-74072-3875        |                |                | 3C303-161             | CW<br>CW | D-160609<br>BA-111652      | CW         | BA-111652 1881                   | TS-239/UP         |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO          | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|--------------------------------------|-------------------|
| -471358               | TRANSFORMER, RF: 5/24/45<br>oac transf; single wnd, tapped; shielded, aluminum can; freq range 5 mc to 12 mc; 6 3/4" lg x 2 3/4" wd x 3 3/4" h o/a; air core; adj air capacitor; knob adj end of can; four mtg holes spaced 2 1/4" x 3"; three wire lead term; incl gear type vernier dial assem, capacitor gear drive assem, one var air capacitor, two fixed capacitors. |                     |        | 16-T-98052-2021        | W16-N-483-20   |                |                       | CRV | T-611777-511               | CRV        | T-611777-511 rev5                    | RBP               |
| -471359               | OSCILLATOR COIL AND CAPACITOR ASSEMBLY: 5/24/45<br>rectangular aluminum can w/control knob and dial; freq range 3 mc to 6 mc, c/o 1 coil, 2 fixed and 1 var capacitor and gear mechanism, 3 wire lead term; approx 6 3/4" lg x 2 3/4" wd x 3 3/4" h, o/a; mts by 4 holes on 2 3/16" x 2 15/16" mtg/c.  |                     |        | 16-T-98046-6031        | W16-N-483-15   |                |                       | CRV | T-611777-510               | CRV        | T-611777-510 rev 5                   | RBP               |
| -471360               | COIL, RF: 7/21/45<br>RF choke coil; single wnd, universally wnd; unshielded; rated 10 millihenrys, 125 ma, 72 ohms DC resistance; 15/16" h x 1 1/16" d less term; ceramic form, air core; 5/32" d mtg hole, ctr form; two solder lug term on bottom; impr coil w/Harvel wax.   |                     |        | 16-C-75088-6104        |                |                |                       | CFW | 12947F                     | CG<br>CG   | X-9111185 rev0<br>M-7475788-6 rev2   | SX                |
| -471361               | COIL, RF: 7/21/45<br>RF choke; single wnd, single pie universally wnd; unshielded; rated 18 millihenrys p/m 5%, 125 ma, 93.36 ohms DC resistance, c/o 1035 turns #36 ES wire; 7/8" h x 1 1/16" diam less term; ceramic form, air core; 1/2" OD x 5/8" lg; 5/32" diam hole, ctr form; two solder lug term on bottom; impr coil w/Harvel wax.                                |                     |        | 16-C-75270-6856        |                |                |                       | CFW | 12953F                     | CG<br>CRP  | M-7475788-7 rev2<br>S-92-5430P1 1a&1 | SX                |
| -471362               | COIL, RF: 7/21/45<br>RF choke coil; single wnd, single pie universally wnd; unshielded; rated 25 millihenrys p/m 5%, 100 ma, 180 ohms DC resistance, c/o 1390 turns #38 ES wire; 7/8" h x 1 1/16" d less term; ceramic form, air core; 5/8" lg x 1/2" OD; 5/32" d mtg hole, ctr form; two solder lug term on bottom; impr coil w/Harvel wax.                               |                     |        | 16-C-75334-9565        |                |                |                       | CFW | 12959F                     | CG         | M-7475788-8 rev2                     | SX                |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                                      |                   |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                                      |                   |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                                      |                   |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                                      |                   |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO                  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|---------------------------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471363               | <p>COIL, RF: 7/23/45</p> <p>RF choke coil; single wnd, three pie wnd, universal wnd; unshielded; rated 1 millihenry p/m 10%, 300 ma, distributed cap 1 mmf, 10 ohms DC resistance; 1 15/16" h x 9/16" diam o/a; isolantite form, air core; form 1 15/16" h x 1/4" OD; mts by #6-32 thd 3/8" d mtg hole, ctr form; two cotter pin type term; coil vacuum impr.</p>                          |                     |        | 16-C-74375-4052        |                                 |                |                       | CPW |                            | CG         | K-7113395 rev0              | SX                |
| -471364               | <p>TRANSFORMER, RF: 5/24/45</p> <p>osc trans; single wnd, tapped; shielded, aluminum can; freq range 12 mc to 24 mc; 6 3/4" lg x 2 3/4" wd x 3 3/4" h o/a; air core; adj air capacitor w/knob adj end of can; four mtg holes spaced 2 1/4" x 3"; three wire lead term; incl gear type vernier dial assem, capacitor gear drive assem, one var air capacitor, two fixed capacitors.</p>     |                     |        | 16-T-98066-3021        | N16-N-483-25                    |                |                       | CRV | T-611777-512               | CRV        | T-611777-512 rev5           | RBP               |
| -471365               | <p>TRANSFORMER, RF: 5/24/45</p> <p>ant tuning; p/o Navy Type 50096 RF Amplifier Unit; c/o 1 var air capacitor 10 to 142 mmf CRV part/dwg #P-717517-0503, 1 coil CRV part/dwg #N-407251-0502 in shield can; aluminum can; freq range 6 to 12 mc; 4 wire lead term; rectangular; 6 3/4" lg x 2 3/4" wd x 3 3/4" h, o/a; 4 mtg holes on 2 1/4" x 3" mtg/c; incl dial calibrated 0 to 100.</p> |                     |        | 16-T-98055-2001        | N16-T-1864-55<br>N16-T-18641-55 |                |                       | CRV | T-611777-0502 rev 5        |            |                             | RBP               |
| -471366               | <p>TRANSFORMER, RF: 5/24/45</p> <p>ant tuning; p/o Navy Type 50096 RF Amplifier Unit; c/o 1 var air capacitor 10 to 142 mmf CRV part/dwg #P-717517-0503, 1 coil CRV part/dwg #N-407251-0501 in shield can; aluminum can; freq range 3 to 6 mc; 3 wire lead term; rectangular; 6 3/4" lg x 2 3/4" wd x 3 3/4" h, o/a; 4 mtg holes on 2 1/4" x 3" mtg/c; incl dial calibrated 0 to 100.</p>  |                     |        | 16-T-98046-6041        | N16-T-18641-50                  |                |                       | CRV | T-611777-0501 rev 5        |            |                             | RBP               |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO                  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|---------------------------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471367               | TRANSFORMER, RF: 5/24/45<br>ant tuning; p/o Navy Type 50096 RF Amplifier Unit;<br>c/o 1 var air capacitor 10 to 142 mmf CRV part/dwg #P-717517-0503, 1 coil CRV part/dwg #M-407251-0503 in shield can; aluminum can; freq range 12 to 24 mc; 4 wire lead term; rectangular; 6 3/4" lg x 2 3/4" wd x 3 3/4" h, o/a; 4 mtg holes on 2 1/4" x 3" mtg/c; incl dial calibrated 0 to 100.                                      |                     |        | 16-T-98066-3501        | W16-T-1864-60<br>W16-T-18641-60 |                |                       | CRV  | T-611777-0503<br>rev 5     |            |                             | RBP               |
| -471368               | SECOND RF COIL AND CAPACITOR ASSEMBLY: 5/24/45<br>rectangular alumin can w/control knob and dial; freq range 3 mc to 6 mc, c/o 1 coil, 1 var and 1 fixed capacitor, 1 resistor and gear mechanism, 3 wire lead term; approx 6 3/4" lg x 2 3/4" wd x 3 3/4" h, o/a; mts by 4 holes on 2 3/16" x 2 15/16" mtg/c.   |                     |        | 16-T-98046-6026        |                                 |                |                       | CRV  | T-611777-507               | CRV        | T-611777-507<br>rev 5       | RBP (3)           |
| -471369               | COIL, RF: 5/24/45<br>RF coil; single wnd; shielded, aluminum can; freq range 12 mc to 24 mc; 6 3/4" lg x 2 3/4" wd x 3 3/4" h o/a; air core; adj air capacitors w/knob adj end of can; four mtg holes spaced 2 1/4" x 3"; three wire lead term; incl dial calibrated 0 to 100 to show capacitor setting, one var air capacitor rated 0 to 142 mmfd, one fixed capacitor rated 0.001 mfd, one resistor rated 2 meg, 1/2w. |                     |        | 16-T-98066-2801        |                                 |                |                       | CRV  | T-611777-509               | CRV        | T-611777-509<br>rev5        | RBP(3)            |
| -471370               | SECOND RF COIL AND CAPACITOR: 5/24/45<br>rectangular aluminum can w/control knob and dial; freq range 6 mc to 12 mc, c/o 1 coil, 1 fixed and 1 var capacitor, 1 fixed resistor and gear mechanism, 3 wire lead term; approx 6 3/4" lg x 2 3/4" wd x 3 3/4" h, o/a; mtd by 4 holes on 2 3/16" x 2 15/16" mtg/c.   |                     |        | 16-T-98055-1801        |                                 |                |                       | CRV  | T-611777-508               | CRV        | T-611777-508                | RBP (3).          |
|                       |  |                     |        |                        |                                 |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                                 |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                                 |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                                 |                |                       |      |                            |            |                             |                   |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR         | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                 |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-------------|----------------------------|------------|-----------------------------|-----------------------------------|
| -471371               | COIL, RF: 7/31/45<br>RF choke; single wnd, four pie wnd; unshielded; rated 1 millihenry min at 1000 cps w/25 ma DC, 15 p/m 1 ohm DC resistance, Q is 27 at 500 kc w/100 mmf, c/o 125 turns #34 S wire per pie; 7/8" h x 1/2" OD less term; bakelite form, air core; 7/8" h x 1/4" diam coil form; mtd by two axial term #20 tinned copper wire; fungusproof, varnish impr, for use at 7500 ft alt.  |                     |        | 16-C-74325-6457        |                |                | 30362-64              | CAQB<br>CGG | SW3461<br>24A52323         | CGG        | 24A52323 rev0               | AN/CPN-8                          |
| -471372               | COIL, RF: 7/31/45<br>RF choke; single pie, universal wnd; unshielded; rated 125 microhenrys p/m 5%, 20 ma RMS, 5 ohms DC resistance, c/o 148 turns #36 ES wire; 21/32" h x 13/32" OD, less term; bakelite form, air core; 21/32" h x 3/32" OD; mtd by two axial term #20 tinned copper wire; fungusproof, must function properly at 7500 ft alt.  |                     |        | 16-C-73836-9741        |                |                | 30362-53              | CAQB<br>CGG | SW-3425<br>24A52325        | CPT<br>CGG | RF-1485-14<br>24A52325 rev0 | AN/CPN-8<br>(2)<br>DAK-2<br>DAK-4 |
| -471373               | COIL, RF: 7/31/45<br>tank coil; single wnd, two pie wnd; shielded, eq aluminum can; rated 500 microhenrys w/Q of 70 at 500 kc, capacity 200 mmf, c/o 154 turns #5-44 celanese E wire, CT, for use at 500 kc; 2" h x 1 3/8" lg x 1 3/8" wd excluding term and mtg bushing; iron core; adj iron core w/scdr adj top of case; mtd by 1/4"-32 thd bushing on one end; three solder lug term on one end; tropicalized, incl non-replaceable silver mica.   |                     |        | 16-C-76690-4648        |                |                |                       | CGG         | 1X109351                   | CGG        | 24B100061 revC              | AN/CPN-8                          |
| -471374               | COIL, RF: 7/31/45<br>tank coil; single wnd, two pie wnd; eq, metal shield can; rated 11.56 millihenrys, Q is 40 at 69 kc, c/o 874 turns of #5-44 S wire on ea pie wnd, wnd CT; 1.375" eq x 2.0" h excluding term and mtg bushing; iron core; adj iron slug core w/scdr adj through top of case; mtd by 1/4"-32 thd extra fine class 2 thd bushing w/hex locking nut on top; three solder lug term on one end; incl one non-replaceable silver mica 680 mmf capacitor, coil impr for tropical use. |                     |        | 16-C-76775-6041        |                |                |                       | CGG         | 1X109352                   | CGG        | 24B100062 revC              | AN/CPN-8                          |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR  | CONTRACTOR'S DWG OR PART NO   | EQUIPMENT USED IN                               |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|-------------|-------------------------------|---|
| -471375               | COUPLING UNIT, antenna: 8/3/45<br>matches co-linear ant to 50 ohm transmission line;<br>freq 6 mc to 15 mc; wt 90 lbs; 30" h x 21" wd x 15"<br>d o/a; five controls ea adj from a calibration curve,<br>for shipboard use.  |                     |        |                        |                |                |                       | RA         |                            |             |                               | TBK<br>TBL<br>TCK                               |
| -471376               | COIL, RF: 8/4/45<br>RF choke; one wnd, single layer wnd; unshielded;<br>rated 60 microhenrys, c/o 96 turns #26 wire, 1.16<br>ohms DC resistance; 4 5/8" lg x 1 1/16" OD; dummy<br>resistor form, air core; coil 1.0m 4 1/8" lg x<br>13/16" OD; mts by two wire lead term; vitreous coat-<br>ing, max possible spacing between turns.  |                     |        | 16-C-73607-4272        | N16-RC-17678   |                |                       | CAO        |                            | CW          | SSO-681060-4<br>1ssC          | MK-8<br>MK-8 Mod1<br>NOrd-3721                  |
| -471377               | COIL, RF: 8/6/45<br>line filter; two wnd, single layer wnd; unshielded;<br>ea rated 15 microhenrys, 1000 cyc, 10 amp, 0.07 ohms<br>DC resistance in the two coils, 72 turns of #16 wire;<br>8" lg x 3/4" wd x 2 3/8" h o/a; single ceramic form,<br>air core; 6 1/2" lg x 3/4" OD of coil form; two end<br>mtg bkt for two hole mtg, 7 1/2" ctr; four solder lug<br>term on top; moistureproof. |                     |        | 16-C-75858-3144        | N16-C-13279-18 |                | 30323-270             | COM<br>CRM | Type Z-21<br>CH-3          | CRM         |                               | T00 thru<br>T00-2<br>N0a-81903                  |
| -471378               | COIL, RF: 8/6/45<br>RF choke; one wnd, single layer wnd; unshielded;<br>rated 3 microhenrys, c/o 48 turns (plus 0, minus 2<br>turns) #26 EC wire; body approx 1" lg x 0.28" OD; air<br>core, dummy resistor form 1/4" OD x 1" lg; mts by two<br>axial term, one on ea end.  |                     |        | 16-C-72914-4066        |                |                |                       | CAMU       | G-2288                     | QOC<br>CAMU | F-510-116 revA<br>G-2288 revC | QOC-23497<br>QOC-20409<br>QOC-23445<br>N5er-759 |
| -471379               | COIL, solenoid: 8/8/45<br>coil to fit iron core on AC magnetic contractor; coil<br>covered w/paper; rated 120v, 60 cps, 6 amp, 20kw<br>initial, 0.3 amp, 15w sealed, 1 ph, 5.3 ohms DC<br>resistance, c/o 570 turns of #22 wire, air core;<br>2 3/4" lg x 2 1/8" wd x 2 1/32" h o/a; ctr mtg hole<br>15/16" wd x 1 11/16" lg; fungusproof.  |                     |        | 17-C-61660-8801        |                |                |                       | CAO        | 161LL                      | CAO         | 16936<br>dated 7/19/45        | QDA<br>NXer-46932                               |
|                       |   |                     |        |                        |                |                |                       |            |                            |             |                               |   |
|                       |   |                     |        |                        |                |                |                       |            |                            |             |                               |   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-332

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SHEET 47-333

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO    | EQUIPMENT USED IN                     |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|--------------------------------|---------------------------------------|
| -471380               | TRANSFORMER, INPUT:<br>8/8/45<br>RF trans; 3 wnd, 2 CT; shielded in rectangular metal can; wnd #one 166 turns #29 E wire, CT, wnd #two 166 turns #29 E wire, CT, wnd #three 2150 turns #40 wire; 3 3/8" lg x 3 11/32" wd x 2 9/16" h, o/a; air core; 4 mtg posts 0.250" -20 thd x 3/4", spacing 2 1/4" x 1 3/4"; 8 solder term top of case; "INPUT TRANS"<br>#KS9938 stamped on case; potted, freq range 50 to 60 kc.                         |                     |        | 17-T-81360-8521        |                |                |                       | CAQB | SW3581                     | CW         | BO-106902                      | QDA                                   |
| -471381               | COIL, RF:<br>8/8/45<br>retardation coil; single wnd; shielded in rectangular metal case; rated 1483 microhenrys min, 1558 microhenrys max, c/o 295 turns #31-36 E stranded wire,<br>tapped at 135, 147, 162, 180, 205, 240 turns; 5 5/16" h x 4 19/32" lg x 3 7/16" wd excluding term and mtg studs; air core; four mtg posts 1/4"-20 thd x 3/4" lg on 3 7/16" x 2 1/2" mtg/c; eight solder post term on bushings on mtg end of case; potted. |                     |        | 16-C-74493-6324        |                |                |                       | CAVN | 406-0002                   | CW<br>CW   | BO-106906 1ae1<br>ES-9940 1ae1 | QDA                                   |
| -471382               | COIL, RF:<br>8/10/45<br>RF choke; single wnd, universal wnd; eq aluminum shield can; rated 44.5 millihenrys p/m 2%, 1000 cyc, zero amp DC, 262.7 ohms DC resistance, c/o 2408 turns of #38 ES wire; 1 1/4" sq x 2 1/4" h less term and mtg studs; phenolic tubing form; 1 27/32" lg x 1/2" OD of coil form; two #6-32 thd 5/16" lg mtg spade lugs 1 11/32" c to c; two solder lug term, extend 23/64" from bottom; form and wnd varnish impr. |                     |        | 16-C-75438-6144        |                |                |                       | CAQK | A-202                      | CVE        | 300.451-B revB                 | DAS-4<br>DAS-1<br>DAS-3<br>NXsr-33791 |

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NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-333

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SHEET 47-334

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO                 | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                          |
|-----------------------|---|---------------------|--------|------------------------|--------------------------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|--|
| -471383               | COIL, RF: 8/14/45<br>oec coil; single wnd; shielded in round copper can; rated 260 millihenrys, tapped at 39 millihenrys, o/o 2845 turns #38 CE wire tapped at 1055 turns; 2" ID x 2 3/4" h; powdered iron core, bakelite form 3/4" lg x 1 1/16" diam; adj iron core w/sochr adj on top; two mtg bkt w/U shape slots 2 1/2" c to c; three wire leads, color code, red, black, green; incl WT-483058 Trimmer Capacitor and a 0.0001 mf 400 vdw mica capacitor. |                     |        | 16-C-76844-4389        |                                |                |                       | CFW | 12867                      | CFK        | SQM-9 revA                  | OAX-1                                      |
| -471384               | COIL, RF: 8/14/45<br>RF choke; single, close wound; unshielded; rated 2 microhenrys, o/o 10 turns #14 E AWG wire; body 2" lg x 1 3/16" wd o/a; ceramic tube form, air core; form 2" lg x 9/16" diam OD; mtd by two solder lug term on ea end.   |                     |        | 16-C-72861-9630        |                                |                |                       | CG  | K-8167068AA                | CG         | K-8167068AA rev0            | ZBS  |
| -471385               | COIL, RF: 8/18/45<br>RF choke; one pie wnd; unshielded; rated 450 millihenrys at 1000 cyc, 10 ma DC, 896 ohms DC resistance, o/o 5000 turns #40 ES wire; approx 1 1/16" OD x 1 1/4" lg; fibre form, pyroferriic core; mtd by one stud bolt w/#6-32 thd approx 5/16" lg; two solder lug term on top; coded w/red lacquer on edge of choke head; dry wnd coil.  |                     |        | 16-C-75727-3316        | N16-C-13149-4                  |                |                       | CLB | 1517-E                     | CLB        | 1517                        | LO-2 thru<br>LO-4<br>NXer-49708            |
| -471386               | COIL, RF: 8/18/45<br>RF choke; one pie wnd; unshielded; rated 55.5 millihenrys, 1000 cyc, 20 ma DC, 194 ohms DC resistance, o/o 1600 turns #38 ES wire; approx 1 1/16" OD x 1 1/4" lg; fibre form, pyroferriic core; mtd by one stud bolt w/#6-32 thd approx 5/16" lg; two solder lug term on top; coded w/red lacquer on edge of choke head; dry wnd coil.   |                     |        | 16-C-75478-8935        | N16-C-13293<br>16-C-75478-8935 |                |                       | CLB | 1517-A                     | CLB        | 1517                        | LO-1(2)<br>LO-2 thru<br>LO-4<br>NXer-49708 |
|                       |   |                     |        |                        |                                |                |                       |     |                            |            |                             |  |
|                       |   |                     |        |                        |                                |                |                       |     |                            |            |                             |  |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-334

**RESTRICTED**

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR      | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                                    |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----------|----------------------------|------------|-----------------------------|--|
| -471387               | COIL, RF: 8/18/45<br>RF choke; one pie wnd; unshielded; rated 180 milli-henrys, 1000 cyc, 485 ohms DC resistance, c/o 3000 turns of #40 ES wire; approx 1 1/16" OD x 1 1/4" lg; fibre form, pyroferic core; mtd by one stud bolt w/#6-32 thd approx 5/16" lg; two solder lug term on top; coded w/red lacquer on edge of choke head; dry wnd coil.                                   |                     |        | 16-C-75634-7136        | N16-C-13293-2  |                |                       | CLB       | 1517-C                     | CLB        | 1517                        | LO-1 thru LO-4<br>N16r-49708                         |
| -471388               | COIL, RF: 8/20/45<br>RF choke; two pie wnd, universal wnd; unshielded; ea pie wnd c/o 400 turns #16-36 Litz wire; distributed cap in mmf #0 min 50 max, DC resistance 9.75 ohms max; approx 6" lg x 5 5/8" h x 3 1/8" wd lees term; fibre form, air core; four mtg holes in bkt on 2 3/4" x 1 1/2" mtg/s; four screw type term on top; ea coil wrapped w/cord and covered w/glyptal. |                     |        | 16-C-75943-3169        | N16-C-13293-1  |                |                       | CG        | M-7461872-2                | CG         | ML-7461872-2<br>rev9        | TAJ<br>TAJ-9 thru<br>TAJ-11<br>TAJ-13 thru<br>TAJ-19 |
| -471389               | COIL, RF: 8/22/45<br>RF choke; single layer wnd; unshielded; c/o 42 turns #29 copper wire, 4 ohms DC resistance, rated 3 milli-henrys; body approx 11/16" lg x 1/4" OD; red bakelite form, air core; mtd by two axial term, one on ea end; entire coil covered w/clear tubing.   |                     |        | 16-C-72592-2810        |                |                |                       | CACY      | S-108                      | CRB        | AS-1486 1eaE                | LU-3<br>N16r-51537                                   |
| -471390               | COIL, RF: 8/27/45<br>RF choke; single wnd, close wnd; unshielded; rated 1.5 microhenrys, 0.035 ohms DC resistance, c/o 11 turns #24 E wire; 2 3/16" lg x 11/16" OD o/s; molded phenolic form; adj iron core w/acdr adj one end of form; 5/16" bushing mtg; two solder post term; fungus proof and moistureproof.   |                     |        | 16-C-76542-3295        |                |                |                       | CFW<br>CG | M-7475449-1                | CG         | M-7475449-1 rev6            | MX-36  |
| -471391               | COIL, RF: 8/27/45<br>RF choke; single wnd, close wnd; unshielded; rated 1.25 microhenrys, 0.028 ohms DC resistance, c/o 9 turns #24 E wire; 2 3/16" lg x 11/16" OD o/s; iron core, molded phenolic form; adj iron core w/acdr adj one end of form; 5/16" bushing mtg; two solder lug term; fungus and moistureproof.   |                     |        | 16-C-76534-7765        |                |                |                       | CFW<br>CG | M-7475449-3                | CG         | M-7475449-3 rev6            | MX-36  |
|                       |  |                     |        |                        |                |                |                       |           |                            |            |                             |  |
|                       |  |                     |        |                        |                |                |                       |           |                            |            |                             |  |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

**RESTRICTED**

SHEET 47-336

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO       | EQUIPMENT USED IN  |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------------|--------------------|
| -471392               | COIL, RF: 8/27/45<br>RF choke; single wnd, close wnd; unshielded; rated 1.75 microhenrys, 0.044 ohms DC resistance, c/o 13 turns #24 E wire; 2 3/16" lg x 11/16" OD o/a; iron core, molded phenolic form; adj iron core w/scdr adj one end of form; 5/16" bushing mts two solder lug term; fungus and moistureproof.  |                     |        | 16-C-76548-7765        |                |                |                       | CFW<br>CG  | M-7475449-4                | CG         | M-7475449-4 rev6                  | MK-36              |
| -471393               | COIL, RF: 8/27/45<br>RF choke; single wnd, close wnd; unshielded; rated 2.0 microhenrys, 0.044 ohms DC resistance, c/o 14 turns #24 E wire; 2 3/16" lg x 11/16" OD o/a; iron core, molded phenolic form; adj iron core w/scdr adj one end of form; 5/16" bushing mts two solder lug term; moisture and fungusproof.   |                     |        | 16-C-76554-3295        |                |                |                       | CFW<br>CG  | M-7475449-5                | CG         | M-7475449-5 rev6                  | MK-36              |
| -471394               | YOKE, deflection coil: 9/4/45<br>CR tube deflection coil; c/o NT-47136 Deflection Coil, slip rings, cradle yoke; freq 60 to 100 cps, rated 60 millihenrys, 2200v DC ins test, 500v working; 3.362" OD x 1.75" ID x 2.109" lg o/a; mts by six #8-32 thd holes 1.187" rad.  |                     |        | 16-C-78180-4726        |                |                |                       |            |                            | CAY<br>CAY | F-7711925 sub4<br>F-7711201 sub13 | VE                 |
| -471395               | COIL, RF: 9/5/45<br>RF choke; one wnd, three pie wnd; unshielded; rated 100 microhenrys p/m 5%, 0.125 amp, 5.8 ohms DC resistance, c/o 201 turns #36 ES wire, 1.25 mmf; body 11/16" lg x 5/16" OD; air core, dummy resistor form 11/16" lg x 3/16" OD; mts by two axial term, one ea end; fungusproof.  |                     |        | 16-C-73739-9517        |                |                |                       | CFW<br>CBM | 13770F<br>1000A-279        | CBM        | 1000A-279 alt0                    | MK-39<br>NOrd-7923 |
| -471396               | COIL, RF: 9/10/45<br>RF choke; single wnd, single pie wnd; round metal shield can; rated 25.3 millihenrys w/o core at 1000 cps, tuning range 4900 cps to 6000 cps, 85 ohms DC resistance, resonance impedance to be greater than 27,000 ohms at 5300 cps c/o 1350 turns #34ES wire tapped at 675 turns; 1 1/4" OD x 2 1/2" lg excluding term and mtg studs; iron core, composition form; 5/8" OD x 2 3/4" lg; adj iron core w/scdr adj on top of can; two spade mtg bolts 1 1/4" c to c; three solder lug term on bottom. |                     |        |                        |                |                |                       | CFW<br>CG  | P-7763160-1                | CG         | P-7763160-5<br>rev10              | TCX<br>RBD         |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-336

**RESTRICTED**

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | NFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S OWG OR PART NO | EQUIPMENT USED IN               |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|---------------------------------|
| -471397               | COIL, RF: 9/10/45<br>CANCELLED: use WT-47492.  |                     |        |                        |                |                |                       | CGA  |                            | CG         | K-7882416 rev0              | TEX<br>RBD                      |
| -471398               | COIL, RF: 9/10/45<br>RF choke coil; single wnd, three pie wnd; unshielded; rated 4 millihenrys, 1000 cyc, 15 ohms DC resistance, 177 turns per pie #10-41 S Litz wire; 1" lg x 1 1/4" diam o/a; air core, bakelite form 1" lg x 1/2" OD; mtd by 5/32" diam hole thru ctr of core; two wire lead term, one ea end; coil heavily wax impr.   |                     |        | 16-C-74822-5595        |                |                |                       | CFW  | 5117                       | CRM        |                             | RAZ(5)<br>RAZ-1(5)<br>N0a-71020 |
| -471399               | COIL, RF: 9/11/45<br>RF choke coil; single wnd, universal wnd; unshielded; rated 200 microhenrys at 1000 cyc, c/o 139 turns #10-41 S Litz wire, 2.6 ohms DC resistance; 3/4" lg x 1 1/16" diam o/a; air core w/bakelite form 3/4" lg x 5/16" OD; 1/8" diam hole thru ctr of core for mtdg; two wire lead term.   |                     |        | 16-C-73962-2194        |                |                |                       | CFW  | 5116                       | CRM        |                             | RAZ<br>RAZ-1                    |
| -471400               | COIL, RF: 9/11/45<br>choke coil; single wnd, three pie, universal wnd; unshielded; rated 600 microhenrys, three pie wnd c/o 75, 74, 74 turns #10-41 BS Litz wire, 5 ohms DC resistance; 1" lg x 7/8" diam o/a excluding leads; bakelite form, air core; form 1" lg x 1/2" diam; mts by 1/8" diam hole in ctr of form; coil ends connect to two wire lead term; heavy wax impr.           |                     |        | 16-C-74209-8038        |                |                |                       | CFW  | 4759                       | CRM        |                             | RAZ (5)<br>RAZ-1 (5)            |
| -471401               | COIL, RF: 9/11/45<br>RF choke; single wnd, three pie universal wnd; unshielded; rated 970 microhenrys to 1,040 microhenrys at 1,000 cyc, ea pie c/o 103 turns #32KDS wire, 9.8 ohms DC resistance; 1 15/16" lg x 1 1/32" diam o/a incl term; solid isolantite form, air core; form 1 15/16" lg x 1/2" diam; mts by one #8-32 thd hole in ctr of form; two cotter pin term; glyptal impr. |                     |        | 16-C-74373-6668        |                |                | 30323-163C            | CGQ  | B-CL-1027                  | CGQ        | B-CL-1027 a1to              | TBX-8                           |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

**RESTRICTED**

SHEET 47-338

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO        | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|------------------------------------|-------------------|
| -471402               | COIL, RF: 9/11/45<br>RF choke; single wnd, three pie, universal wnd; unshielded; rated 1,617 to 1,700 microhenrys at 1,000 cyc, ea pie c/o 128 turns #32KDS wire, 12.84 ohms DC resistance; 7/8" lg x 1 1/32" diam, o/a excluding leads; ceramic coil form, air core; form 7/8" lg x 1/2" diam; mts by thd hole in ctr of form; two wire lead term; varnish impr.            |                     |        | 16-C-74495-1597        | N16-C-13163-6  |                |                       | CGQ  | B-CL-10001                 | CGQ<br>CGQ | B-CL-10001 alta<br>L-CL-10001 alta | TBX-8             |
| -471403               | COIL, RF: 9/11/45<br>RF choke; single wnd, three pie universal wnd; unshielded; rated 970 to 1,040 microhenrys at 1,000 cyc, ea pie c/o 103 turns #32KDS wire, 9.5 ohms DC resistance; 7/8" lg x 1 1/32" diam o/a, excluding term; ceramic form, air core; form 7/8" lg x 1/2" diam; mts by two #6-32 thd 1 1/4" lg screws one ea end of coil; wire lead term; varnish impr. |                     |        | 16-C-74326-4418        | N16-C-13199-97 |                |                       | CGQ  | L-CL-10014                 | CGQ<br>CGQ | L-CL-10014 alto<br>B-CL-10014 alto | TBX-8             |
| -471404               | COIL, RF: 9/11/45<br>RF choke; single wnd, single layer wnd; unshielded; rated 5.3 microhenrys at 1,000 cyc, c/o 38 turns #20 DCC wire, 0.06 ohms DC resistance; approx 2" lg x 5/8" diam o/a; phenolic form, air core; mts by two thd holes, one at ea end of coil form; two solder term; varnish impr.   |                     |        | 16-C-72997-2816        | N16-C-13222    |                |                       | CGQ  | C-CL-1038                  | CGQ        | C-CL-1038C alto                    | TBX-5 (2)         |
| -471405               | COIL, RF: 9/11/45<br>RF choke; single wnd, layer wnd; unshielded; rated 35 microhenrys at 1,000 cyc, c/o 88 turns #16 formex wire, 0.063 ohms DC resistance; 2" lg x 13/16" diam o/a excluding leads; bakelite form, air core; form 2" lg x 1/2" diam; mts by two #6-32 thd mtg holes, one in ctr in ea end of form; two 6" lg wire lead term; impr.                         |                     |        | 16-C-73456-4365        | N16-C-13168-50 |                |                       | CGQ  | L-CL-10012                 | CGQ<br>CGQ | C-CL-10012 alto<br>L-CL-10012 alto | TBX-8 (2)         |
| -471406               | COIL, RF: 9/11/45<br>RF choke; single wnd, three pie universal wnd; unshielded; rated 1617 to 1700 microhenrys at 1,000 cyc, ea pie c/o 128 turns #32KDS wire, 12 ohms DC resistance; 7/8" lg x 1 1/32" diam, o/a excluding leads; isolantite form, air core; form 7/8" lg x 15/32" diam; mts by two 3" lg wire lead term; impr.   |                     |        | 16-C-74499-9938        |                |                |                       | CGQ  | CL-1029                    | CGQ<br>CHZ | B-CL-1029A alto<br>CL-1029 isec    | TBX-5             |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-338

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SHEET 47-339

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN    |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|----------------------|
| -471407               | COIL, RF: 9/11/45<br>RF choke; single wnd, four pie universal wnd; unshielded; rated 25 millihenrys at 1,000 cyc, ea pie c/o 333 turns #10-41 SS Litz wire, 50 ohms DC resistance; 2 1/2" lg x 1 7/16" diam o/a incl term; natural paper base tubing form, air core; no integral mtg provisions supplied; two solder lug term; heavy wax impr.  |                     |        | 16-C-75347-1188        |                |                |                       | CFW | 4760                       | CRM        |                             | RAZ (5)<br>RAZ-1 (5) |
| -471408               | COIL, RF: 9/8/45<br>RF choke; single wnd, three pie universal wnd; unshielded; rated 1,617 to 1,700 microhenrys at 1,000 cyc, ea pie c/o 128 turns #32 wire, 64 ohms DC resistance; 15/16" lg x 1 1/32" diam o/a excluding leads; ceramic form, air core; mts by a 0.180" diam hole through ctr of form; two wire lead term; fungusproof.   |                     |        | 16-C-74501-3057        | N16-C-13224-6  |                |                       | CG  | M-7463850-3                | CG         | M-7463850-12<br>rev10       | TCX<br>RBD           |
| -471409               | COIL, RF: 9/8/45<br>RF choke; single wnd, seven layer pyramid wnd; unshielded; rated 8.4 microhenrys at 1,000 cyc, c/o 28 turns #14DC copper wire, approx 0.026 ohms DC resistance; 3/4" lg x 1 1/4" diam o/a excluding term; air core, comp form; form 3/8" OD x 3/4" lg; mts by one #6-32 thd x 1 1/8" lg mtg screw through ctr of form; two solder lug term on bottom; dipped in glyptal.  |                     |        | 16-C-73068-5622        |                |                |                       | CFW |                            | CG         | K-7877089 rev7              | TCX<br>RBD           |
| -471410               | TRANSFORMER, variable RF: 9/12/45<br>variometer; two wnd, rotor and stator; unshielded; max inductance 100 to 106 microhenrys at 1000 cyc, min inductance 29 to 31 microhenrys at 1000 cyc, stator c/o 12 1/4 turns #38 DS white Litz wire, rotor c/o 12 1/4 turns #38 DS Litz wire; approx 5" lg x 3 1/4" wd x 4 7/16" h o/a; lam ins form, air core; form 3" OD x 3 1/8" lg; adj coupling w/rotatable shaft through one side; four #8-32 thd x 5/8" d mtg holes on 3 1/4" x 1/2" mtg/c; four term screws, two on top, two on front; tropicalized; same as NT-471410-A except ball bearing adj so that shaft does not have more than 0.005 end lash after centering rotor. |                     |        | 17-T-84043-9551        | N16-T-18538    |                |                       | CMS | G-560303-34                | CRV        | P-721238-502<br>aub7        | YG-1<br>YG-2         |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                      |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                      |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                      |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-339

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SHEET 47-340

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | Contractor | CONTRACTOR'S DWG OR PART NO         | EQUIPMENT USED IN                 |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-------------------------------------|-----------------------------------|
| -471410-A             | VARIOMETER: 9/12/45<br>variometer; 2 wnd, rotor and etator; unshielded; max inductance 100 microhenrys to 1.06 microhenrys at 1000 cyc, min inductance 29 microhenrys to 31 microhenrys, stator 12 1/4 turns #38 DS white Litz wire, rotor 12 1/4 turns #38 DS white Litz wire; 4.875" lg x 4 7/16" wd x 3 1/8" h o/a; air core, lam ins form; 3" OD x 3 1/8" lg form; adj coupling; rotatable shaft one side; 3 mtg holes 1.675" apart per row, 2 rows 1/2" c to c; 4 term screws, 2 on top, 2 on front; tropicalized, ball brg rotor shaft; same as Navy Type 471410 except has ball brg on shaft. |                     |        | 17-T-84043-9626        | N16-T-18539-1  |                |                       | CWS | G-560303-34                | CRV<br>CRV | 721233-502<br>G-550305-502<br>rev C | YG-1<br>YG-2                      |
| -471411               | COIL, RF: 9/12/45<br>RF choke; single wnd, layer wnd; unshielded; rated 20 microhenrys, 5 amp, 5 ohms DC resistance, c/o 125 turns #15E wire; 1 3/4" lg x 7/8" diam o/a excluding term; dummy resistor form, air core; mts by two wire lead term; vacuum varnish impr.   |                     |        | 16-C-75293-9688        | N16-C-13168-21 |                | 3C323-35F             | CIG | T-27                       | CIP        | ES-13286 1ea1                       | NK-5                              |
| -471412               | COIL, RF:<br>CANCELLED: use NT-303168.   |                     |        |                        |                |                |                       | CBM | 336CD                      | CBM        | 336CD a1to                          | WEB                               |
| -471413               | TRANSFORMER, RF: 9/13/45<br>osc transf; single wnd, universal wnd; shielded in cylindrical metal can; rated 67 microhenrys, 5 kc, c/o 2375 turns #36SE wire tapped at 462, 1300 and 2040 turns, 185 ohms DC resistance; approx 3 13/16" lg x 2" OD o/a excluding term; air core, phenolic form; three mtg bkt ea w/a #6-32 thd mtg hole on 1 1/4" diam bolt circle; ten solder lug term on top of can; incl NT-63355-913, NT-63355-125 and NT-63355-683 Fixed Resistors, two NT-481707-D3, three NT-481709-D1 and one NT-481710-D3 Fixed Capacitors.   |                     |        | 16-C-75510-3051        | N16-RT-77930   |                |                       | CFW |                            | CG         | P-7764828-1 rev9                    | MK-11<br>MK-26 Mod3<br>MK-26 Mod4 |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-340

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SHEET 47-341

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO | EQUIPMENT USED IN    |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|----------------------------|----------------------|
| -471414               | TRANSFORMER, RF: 9/13/45<br>osc trans; single wnd, universal wnd; shielded in cylindrical metal can; rated 14 millihenrys, 27 kc, 56 ohms DC resistance, c/o 980 turns #36E wire tapped at 168, 524 and 895 turns; approx 3 1/16" lg x 2" OD c/a excluding term; air core, textolite form; three mtg bkt ea w/a #6-32 tapped hole on a 1 1/4" diam bolt circle; eight solder lug term on top of can; incl NT-63355-123 and NT-63355-203 Fixed Resistors, NT-481708-D1, NT-481315-D3 and NT-481707-D3 Fixed Capacitors.                                    |                     |        | 16-C-75202-1312        |                |                |                       | CFW  |                            | CG         | P-7764813-1 rev8           | MX-11                |
| -471415               | TRANSFORMER, RF: 9/14/45<br>osc trans; single wnd, universal wnd; shielded in cylindrical metal can; freq response 13.5 kc rated 35.5 millihenrys, 2,000 jd range. c/o 1240 turns #368C wire tapped at 232, 666 and 1060 turns, 115 ohms DC resistance; approx 3 1/16" lg x 2" OD c/a; air core, phenolic form; three mtg bkt ea w/a #6-32 thd mtg holes on 1 1/4" diam bolt circle; eight solder lug term on top of can; incl NT-63355-123 and NT-63355-203 Fixed Resistors, NT-481709-E1, NT-481907-E1, NT-481710-E3 and NT-481320-E3 Fixed Capacitors. |                     |        | 16-C-75396-3777        | ML6-RC-19237   |                |                       | CFW  |                            | CG         | P-7766114-1 rev6           |                      |
| -471416               | COIL, RF: 9/11/45<br>RF choke; single wnd, four pie universal wnd; unshielded; rated 130 millihenrys at 1,000 cyc, ea pie c/o 699 turns #5-40 SS Litz wire, 200 ohms DC resistance; 2 1/2" lg x 1 9/16" diam, o/a; natural paper-base tubing, air core; no integral mtg provisions supplied; two solder lug term; heavy wax impr.   |                     |        | 16-C-75611-2585        |                |                |                       | CFW  | 4761                       | CRM        |                            | RAZ (4)<br>RAZ-1 (4) |
| -471417               | COIL, RF: 9/13/45<br>RF choke; single wnd, three pie universal wnd; unshielded; rated 200 microhenrys, ea pie c/o 90 turns #38E wire, 10 to 50 ohms DC resistance; 0.656" lg x 3/8" diam o/a excluding leads; phenolic form, air core; mts by two wire lead term, one at ea end of form.  |                     |        | 16-C-73960-7571        |                |                |                       | CFW  |                            | CG         | M-7476822-1 rev0           | FO-1                 |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                            |                      |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                            |                      |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-341

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SHEET 47-342

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471418               | COIL, RF: 9/13/45<br>RF choke; single wnd, four pie universal wnd; unshielded; rated 1 microhenry p/m 2 1/2 $\mu$ , 125 ma DC, 1.5 mmf distributed capacity, ea pie c/o 138 turns #328SE wire, 10 ohms DC resistance; 1 1/2" lg x 1/2" diam o/a excluding leads; air core, ceramic form; mts by two wire lead term.           |                     |        | 16-C-727-81-1810       |                |                |                       | CFW |                            | CG         | M-7476810-1 rev0            | PO-1              |
| -471419               | COIL, RF: 9/13/45<br>RF choke; single wnd, one pie; unshielded; rated 5.5 millihenrys, 125 ma DC, o/o 590 turns #36 ES wire, 45.21 ohms DC resistance; approx 7/8" lg x 1 1/16" diam excluding term; ceramic form, air core; 5/8" lg x 1/2" OD; mts by 5/32" diam mtg hole ctr in end of form; two solder lug term; wax impr. |                     |        | 16-C-74924-9565        |                |                |                       | CFW | 12944F                     | CG         | M-7475788-1 rev 1           | PO-1              |
| -471420               | COIL, RF: 9/13/45<br>choke coil; single wnd, 1 pie universal wnd; unshielded; 85 millihenrys, 80 ma DC, 2347 turns #38 ES wire, 345 ohms DC resistance; 7/8" lg x 1 1/16" diam, o/a less term; ceramic form, air core; mts by 5/32" diam mtg holes; 2 solder lug term; impr w/hand wax.                                       |                     |        | 16-C-75549-9816        |                |                |                       | CFW | 12983F                     | CG         | 7475788-10 rev 1            | PO-1              |
| -471421               | COIL, RF: 9/13/45<br>RF choke; single wnd, universal wnd; unshielded; rated 10 microhenrys, 75 ma DC, 1.86 ohms DC resistance, c/o 38 turns #38ES wire; approx 7/16" lg x 0.406" diam o/a excluding leads; dummy resistor form, air core; form 7/16" lg x 0.218" OD; mts by two wire lead term; wax impr.                     |                     |        | 16-C-73089-9835        |                |                |                       | CFW |                            | CG         | M-7476815-1 rev4            | PO-1              |
| -471422               | COIL, RF: 9/13/45<br>RF choke; single wnd, universal wnd; unshielded; rated 30 microhenrys, 75 ma DC, 3.36 ohms DC resistance, c/o 65 turns #38ES wire; approx 7/16" lg x 0.406" diam o/a excluding leads; dummy resistor form, air core; form 7/16" lg x 0.218" OD; mts by two wire lead term; wax impr.                     |                     |        | 16-C-73405-6284        |                |                |                       | CFW |                            | CG         | M-7476815-3 rev4            | PO-1              |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-342

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SHEET 47-343

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------|
| -471423               | COIL, RF: 9/17/45<br>RF choke; single wnd, two pie universal wnd; unshielded; rated 15 microhenrys, 0.125 amp, 2.11 mmf distributed cap, one pie c/o 8 turns and other pie c/o 50 turns #36ES wire, 1.49 ohms DC resistance; 5/8" lg x 0.275" diam o/a excluding leads; dummy resistor form, air core; form 5/8" lg x 3/16" diam; mts by two wire lead term; tropicalized.   |                     |        | 16-C-73204-7585        |                |                |                       | CFW        | 13764F                     | CBM        | 1000A-288 alt0              | MK-39             |
| -471424               | TRANSFORMER, RF: 9/12/45<br>transf; two wnd, honeycomb wnd; shielded in cylindrical metal can; freq response 250 kc, pri c/o 525 turns #36SE wire, 38 ohms DC resistance, sec'd c/o 200 turns #38SE wire 18 ohms DC resistance; 1 3/8" lg x 1 1/2" diam o/a excluding term and mtg studs; iron core, bakelite form; variable air capacitor tuning w/sodr adj through top of can; two #4-36 thd mtg studs 15/16" c to c on bottom of can; four solder lug term, three on bottom, one on top; incl variable air cap rated 30 to 70 mmf.  |                     |        | 17-T-81746-1151        |                |                |                       | CIB        | 1522A                      | CIB        | 1522A dated 3/24/42         | IO-1 thru IO-4    |
| -471425               | TRANSFORMER, RF: 9/12/45<br>oec transf; two wnd; shielded in cylindrical aluminum can; freq range 500 to 1000 kc, pri rated 13 microhenrys, 0.6 ohms DC resistance, distributed capacity 200 mmf and Q is 60 at 3.18 mc, sec'd rated 186 microhenrys, 4 ohms DC resistance, distributed capacity 200 mmf and Q is 120 at 825 kc, rating measured w/o core or shield can; 2" OD x 2 13/16" h o/a excluding term, mtd studs and sodr adj; paper base, bakelite form 2 1/2" lg x 7/8" OD; adj iron core w/sodr adj through end of can; two 7/16" lg spade bolts 1 1/8" c to c on bottom of can; four solder lug term; wax impr. |                     |        | 17-T-81415-1767        |                |                |                       | CRM<br>CRM | T-1160-7<br>TR-13          | CRM        | T-1160-7 sub6               | DAE thru DAE-2    |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-343

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SHEET 47-344

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------|
| 471426                | TRANSFORMER, RF: 9/13/45<br>osc transf; two wnd; shielded in cylindrical aluminum can; freq range 1000 to 2000 kc, pri rated 4 microhenrys, 0.3 ohms DC resistance, distributed capacity 400 mmf and Q is 70 at 4.12 mc, secd rated 55 microhenrys, 2 ohms DC resistance, distributed capacity 200 mmf and Q is 90 at 1511 kc, ratings measured w/o core or shield can; 2" OD x 2 13/16" h o/a excluding term, mtg studs and scdr adj; paper base, bakelite form 2 1/2" lg x 7/8" OD; adj iron core w/scdr adj through end of can; two 7/16" lg spade bolts 1 1/8" c to c on bottom of can; four solder lug term; wax impr.   |                     |        | 17-T-81430-1751        |                |                |                       | CRM<br>CRM | T-1160-8<br>TR-12          | CRM        | T-1160-8 sub6               | DAE thru<br>DAE-2 |
| 471427                | TRANSFORMER, RF: 9/13/45<br>osc transf; two wnd; shielded in cylindrical aluminum can; freq range 240 to 520 kc, pri rated 20 microhenrys, 0.7 ohms DC resistance, distributed capacity 400 mmf and Q is 45 at 1.81 mc, secd rated 186 microhenrys, 7.2 ohms DC resistance, distributed capacity 200 mmf and Q is 125 at 471 kc, ratings measured w/o core or shield can; 2" OD x 2 13/16" h o/a excluding term, mtg studs and scdr adj; paper base, bakelite form 2 1/2" lg x 7/8" OD; adj iron core w/scdr adj through end of can; two 7/16" lg spade bolts 1 1/8" c to c on bottom of can; four solder lug term; wax impr. |                     |        | 17-T-81407-3567        |                |                |                       | CRM        | T-1160-6                   | CRM        | T-1160-6 sub6               | DAE thru<br>DAE-2 |
| 471428                | TRANSFORMER, RF: 9/13/45<br>two wnd; shielded in cylindrical aluminum can; freq range 1000 to 2000 kc, pri rated 2.5 millihenrys, 10 ohms DC resistance, secd rated 62 microhenrys, 1.5 ohms DC resistance, distributed capacity 200 mmf and Q is 55 at 1430 kc, ratings measured w/o core or shield can; 2" OD x 2 13/16" h o/a excluding term, mtg stud and scdr adj; paper base bakelite form 2 1/2" lg x 7/8" OD; adj iron core w/scdr adj through end of can; two 7/16" lg spade bolts 1 1/8" c to c on bottom of can; four solder lug term; wax impr.   |                     |        | 17-T-81430-1767        |                |                |                       | CRM<br>CRM | T-1160-5<br>TR-28          | CRM        | T-1160-5 sub6               | DAE thru<br>DAE-2 |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-344

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SHEET 47-345

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                 |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-----------------------------------|
| -471429               | TRANSFORMER, RF: 9/13/45<br>two wnd; shielded in cylindrical aluminum can; freq range 500 to 1000 kc, pri rated 25 millihenrys, 72 ohms DC resistance, secd rated 278 microhenrys, 5.3 ohms DC resistance, distributed capacity 200 mmf and Q is 80 at 675 kc, ratings measured w/o core or shield can; 2" OD x 2 13/16" h o/a excluding term, mtg stud and scdr adj; paper base bakelite form 2 1/2" lg x 7/8" OD; adj iron core w/scdr adj through end of can; two 7/16" lg spade bolts 1 1/8" c to c on bottom of can; four solder lug term; var impr. |                     |        | 17-T-81578-4531        | 116-T-7157-35  |                |                       | CRM        | T-1160-4                   | CRM        | T-1160-4 sub6               | DAE thru DAE-2                    |
| -471430               | TRANSFORMER, RF: 9/13/45<br>two wnd; shielded in cylindrical aluminum can; freq range 240 to 520 kc, pri rated 100 millihenrys, 250 ohms DC resistance, secd rated 1 millihenry, 12 ohms DC resistance, distributed capacity 200 mmf and Q is 110 at 355 kc, ratings measured w/o core or shield can; 2" OD x 2 13/16" h o/a excluding term, mtg studs and scdr adj; paper base, bakelite form 2 1/2" lg x 7/8" OD; adj iron core w/scdr adj through end of can; two 7/16" lg spade bolts 1 1/8" c to c on bottom; four solder lug term; var impr.        |                     |        | 17-T-81407-3597        |                |                |                       | CRM<br>CRM | T-1160-3<br>TR-34          | CRM        | T-1160-3 sub6               | DAE<br>DAE-1<br>DAE-2             |
| -471431               | TRANSFORMER, IF: 9/13/45<br>peak freq 175 kc; output; shielded in rectangular aluminum can; 1 7/8" lg x 1 7/16" wd x 4" h o/a; tuned pri and secd; two adj iron cores w/scdr through side of can; mts by two spade bolts 1 7/16" c to c; four wire lead term from bottom of can; pri rated 2 millihenrys at 1000 cyc tapped at 100 microhenrys, 2 ohms DC resistance, secd rated 2 millihenrys at 1000 cyc, 2 ohms DC resistance.   |                     |        | 17-T-67514-3961        |                |                | 229641.126            | CFM        | 10633                      | CRM        | TI-5                        | DAE (3)<br>DAE-1 (3)<br>DAE-2 (3) |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-345

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                             |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|---|
| -471432               | COIL, RF: 9/13/45<br>osc transf; single wnd, tapped; shielded in rectangular aluminum can; rated 3.2 millihenrys at 1000 cyc tapped at 275 microhenrys, peak freq 175 kc, 27 ohms DC resistance; 1 7/16" lg x 1 7/8" wd x 4" h o/a; adj iron core w/scrdr adj through side of can; mts by two #6-32 thd x 5/16" lg spade bolts 1 7/16" c to c; three term leads through bottom of can; incl two 240 mmf fixed capacitors and one 50,000 ohms fixed resistor. |                     |        | 16-C-76646-1079        | N16-T-6406     |                | 301081-19             | CFW  | 10634                      | CFM        | TI-6                        | DAE thru<br>DAE-2                             |
| -471433               | TRANSFORMER, RF: 9/13/45<br>osc transf; single wnd, tapped; unshielded; rated 1 millihenry at 50 kc, 24 ohms DC resistance, c/o 249 2/3 turns #38 SSE wire tapped at 45 1/3 turns; approx 2 3/8" lg x 5/8" OD o/a incl term; bakelite form; adj iron core w/scrdr adj at one end of form; bushing mtd; three solder lug term; cased in bakelite.   |                     |        | 16-C-76530-9712        | N16-T-7002-29  |                |                       | CSF  | GS-2341                    | CHZ        | SA-5037 1ssA                | BK<br>ABK thru<br>ABK-7<br>YH<br>YH-1         |
| -471434               | TRANSFORMER, IF: 9/13/45<br>peak freq 50 kc; shielded in rectangular metal can; approx 1 5/8" lg x 1 3/8" wd x 3 15/16" h o/a excluding term; tuned pri and secd; two adj iron cores w/scrdr adj at ea end of can; mts by two spade bolts 1 5/16" c to c on bottom of can; four solder lug term on bottom of can; pri and secd ea rated 1.7 millihenrys, 12 ohms DC resistance; incl two 100 mmf capacitors.   |                     |        | 17-T-67439-2742        | N16-T-5912-10  |                |                       | CFW  | 12221A                     | CHZ        | TR-5000 1ss0                | BK<br>ABK thru<br>ABK-7<br>YH (2)<br>YH-1 (2) |
| -471435               | COIL, RF: 9/18/45<br>retardation coil; single wnd, duolateral wnd; unshielded; rated 500 microhenrys p/m 3% at 1800 cyc, 12 ohms DC resistance, c/o 175 turns #36 SE wire; 1 7/16" OD x 1 5/32" lg o/a incl term; air core, black phenol spool; 3/16" diam mtg hole through ctr of form; two solder term on base.  |                     |        | 16-C-74150-4075        | N16-C-13168-4  |                | 301988-5              | CFW  | 200A                       | CFW        | LA-750631                   | MAH<br>AN/ARC-4                               |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471436               | COIL, RF: 9/18/45<br>retardation coil; single wnd, multilayer wnd; unshielded; rated 114 to 132 microhenrys, 0.06 ohms DC resistance, c/o 75 turns #12 DC wire; 2 1/8" lg x 2 1/8" wd x 2" h o/a incl term; solenoidal air core; 1/4" diam mtg hole through ctr of form; three solder term, one not used; impr for tropical use.  |                     |        | 16-C-73833-7000        |                |                |                       | OW  | D-163076                   | OW         | BSL-639045 1ss2             | MAH(2)            |
| -471437               | TRANSFORMER, RF: 9/18/45<br>two wnd, single layer wnd; unshielded; pri rated 9.2 microhenrys at 1000 cyc, 0.18 ohms DC resistance, c/o 16 turns #26 SE wire, scdr rated 16.8 microhenrys at 1000 cyc, 0.31 ohms DC resistance, c/o 23 1/3 turns #26 SE wire; approx 2" lg x 1.0318" o/a excluding leads; lam ins form, air core; form 2" lg x 1" OD; mts by thd nut in base of form; four wire lead term; impr.   |                     |        | 16-C-75852-4429        |                |                |                       | CGQ | C-CL-1020                  | CGQ        | C-CL-1020 1ssD              | TBX-5             |
| -471438               | COIL, RF: 9/26/45<br>rtal filter inductor; single wnd, universal wnd; shielded in sq metal can; rated 0.8 to 1.5 millihenrys peak freq 456 kc, 7 ohms DC resistance, c/o 224 turns #7-41 SSE Litz wire; 1 3/4" h x 1 3/4" sq o/a excluding leads and scdr adj; fibre form 1 1/8" lg x 7/16" OD; adj iron core w/scdr adj through top of can; mtd by bolts; two wire lead term near bottom of can; wax impr coil.  |                     |        | 16-C-76727-8760        |                |                | 30558                 | CEC | 6147                       | CEC        | L-1                         | OBH<br>OBH-1      |
| -471439               | TRANSFORMER, RF: 9/28/45<br>mod trans; three wnd, layer wnd; shielded in rectangular metal can; rated 1.4 microhenrys at 1 kc, freq response 456 kc, pri #1, pri #2 and scdr ea c/o 260 turns #7-44 Litz wire w/17 ohms DC resistance; 1.84" lg x 1.41" wd x 3" h o/a excluding term, mtg studs and scdr adj; paper tubing form approx 2 1/2" lg x 3/8" OD; adj powdered iron core w/scdr adj through bottom of can; two mtg studs on 1 1/2" x 7/8" mtg/c on top of can; five solder lug term on bottom of can; incl a fixed capacitor. |                     |        | 17-T-81746-6419        |                |                |                       | CEC | T-1                        | CEC<br>CEC | X1872B rev0<br>A1427 revA   | OBH<br>OBH-1      |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR        | MANUFACTURER'S PART NUMBER         | CoL REACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-------------|------------------------------------|-------------|-----------------------------|-------------------|
| -471440               | COIL, RF: 9/13/46<br>RF choke; single wnd, universal wnd; unshielded; rated 35.6 microhenrys p/m 3/4 at 0.020 amp, self resonant at 30 mc, 3.2 ohms p/m 10% DC resistance, o/o approx 85 turns of #38 ES wire; 1/2" lg x 5/16" diam o/a excluding leads; air core, phenolic form; form 1/2" lg x 0.125" OD; mts by two wire lead term; varnish impr. |                     |        | 16-0-73460-6462        |                |                |                       | CRP         | 92-5468-1                          | CRP         | S-92-5468-1 1ea4            | 80-5              |
| -471441               | SUPPRESSOR, parasitic: 9/13/45<br>resistor and coil; 0.328" lg x 1/4" diam o/a; cur rating 20 ma; coil rated 22.4 microhenrys p/m 2%, self resonant at 30 mc, wnd on 2200 ohms, 1/2w resistor JAN type RC20BF222J; uncased; mtd by two tinned copper wire lead term; varnish impr.   |                     |        | 16-S-89768-7274        |                |                |                       | CFW<br>CAWH |                                    | CRP         | S92-5469-1 1ea1             | 80-5              |
| -471442               | SUPPRESSOR, parasitic: 9/13/45<br>resistor and coil; 0.328" lg x 1/4" diam o/a excluding leads; cur rating 20 ma; coil rated 22.4 microhenrys p/m 2%, self resonant at 30 mc, wnd on 1800 ohms, 1/2w resistor JAN RC20BF182J; uncased; mts by two tinned copper wire lead term; varnish impr.  |                     |        | 16-S-89768-3278        |                |                |                       | CFW<br>CAWH |                                    | CRP         | S92-5467-1 1ea1             | 80-5              |
| -471443               | SUPPRESSOR, parasitic: 9/13/45<br>resistor and coil; 0.328" lg x 1/4" diam o/a excluding leads; cur rating 20 ma; coil rated 22.4 microhenrys p/m 2%, self resonant at 30 mc, wnd on 4300 ohms 1/2w resistor JAN type RC20EF432J; uncased; mts by two tinned copper wire lead term; varnish impr.  |                     |        | 16-C-89769-3134        |                |                |                       | CFW<br>CAWH |                                    | CRP         | S92-5466-1 1ea1             | 80-5              |
| -471444               | SUPPRESSOR, parasitic: 9/17/45<br>resistor and coil; 5/8" lg x 0.395" diam o/a excluding leads; coil rated 17.4 microhenrys p/m 5%, self resonant at 30 mc, 1.66 mmf distributed capacity 1.16 ohms DC resistance, o/o 50 turns #34 EDS wire, wnd on 1000 ohms p/m 5% 1/2w resistor; uncased; mts by two wire lead term; tropicalized.               |                     |        | 16-S-89741-8471        | N16-RC-17704   |                |                       | CFW         | 12736F and<br>1000 ohm<br>resistor | CRM         | 1000A-225 alt1              | MC-39             |
|                       |  |                     |        |                        |                |                |                       |             |                                    |             |                             |                   |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER   | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|------------------------------|------------|-----------------------------|-------------------|
| -471445               | SUPPRESSOR, parasitic: 9/17/45<br>resistor and coil; 5/8" lg x 0.395" diam o/a excluding leads; coil rated 17.4 microhenrys p/m 5%, self resonant at 30 mc, 1.66 mmf distributed capacity, 1.16 ohms DC resistance, c/o 50 turns #34 EDS wire wnd on 1100 ohms p/m 5%, 1/2w resistor; uncased; mtd by two pigtail wires 1 1/2" lg; mts by two wire term; tropicalized. |                     |        | 16-S-89755-2531        |                |                |                       | CFW        | 12736F and 1100 ohm resistor | CEM        | 1000A-226 alt1              | MK-39             |
| -471446               | SUPPRESSOR, parasitic: 9/17/45<br>resistor and coil; 5/8" lg x 0.395" diam o/a excluding leads; coil rated 17.4 microhenrys p/m 5%, self resonant at 30 mc p/m 5%, 1.66 mmf distributed capacity, 1.16 ohms DC resistance, c/o 50 turns #34 EDS wire wnd on 1200 ohms p/m 5%, 1/2w resistor; uncased; mts by two tinned copper wire lead term; tropicalized.           |                     |        | 16-S-89755-3318        | 116-N-493-27   |                |                       | CFW<br>CJA | 12736 and 1200 ohm resistor  | CEM<br>CEM | 973-4<br>1000A-115 alt0     | MK-39<br>SU(5)    |
| -471447               | SUPPRESSOR, parasitic: 9/17/45<br>resistor and coil; 5/8" lg x 0.395" diam o/a excluding leads; coil rated 17.4 microhenrys p/m 5%, self resonant at 30 mc, 1.66 mmf distributed capacity, 1.16 ohms DC resistance, c/o 50 turns #34 EDS wire wnd on 2000 ohms p/m 5%, 1/2w resistor; uncased; mts by two wire lead term.  |                     |        | 16-S-89756-2396        |                |                |                       | CFW        | 12736 and 2000 ohm resistor  | CEM        | 1000A-227 alt0              | MK-39             |
| -471448               | SUPPRESSOR, parasitic: 9/17/45<br>resistor and coil; 5/8" lg x 0.395" diam o/a excluding leads; coil rated 17.4 microhenrys p/m 5%, self resonant at 30 mc, 1.66 mmf distributed capacity, 1.16 ohms DC resistance, c/o 50 turns #34 EDS wire wnd on 2400 ohms p/m 5%, 1/2w resistor; uncased; mts by two wire lead term; tropicalized.                                |                     |        | 16-S-89756-6356        |                |                |                       | CFW        | 12736F and 2400 ohm resistor | CEM        | 1000A228 alt1               | MK-39             |
| -471449               | SUPPRESSOR, parasitic: 9/17/45<br>resistor and coil; 5/8" lg x 0.395" diam o/a excluding leads; coil rated 17.4 microhenrys p/m 5%, self resonant at 30 mc, 1.66 mmf distributed capacity, 1.16 ohms DC resistance, c/o 50 turns #34 EDS wire wnd on 3600 ohms p/m 5%, 1/2w resistor; uncased; mts by two wire lead term.  |                     |        | 16-S-89757-2981        |                |                |                       | CFW        | 12736 and 3600 ohm resistor  | CEM        | 1000A-229 alt0              | MK-39             |
|                       |  |                     |        |                        |                |                |                       |            |                              |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |            |                              |            |                             |                   |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER  | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|-----------------------------|------------|-----------------------------|-------------------|
| -471450               | SUPPRESSOR, paraelectric; 9/17/45<br>resistor and coil; 5/8" lg x 0.395" diam o/a excluding term; coil rated 17.4 microhenrys p/m 5%, self resonant at 30 mc, 1.66 mmf distributed capacity, 1.16 ohms DC resistance, c/o 50 turns #34 EDS wire wnd on 5100 ohms p/m 5%, 1/2w resistor; uncaeed; mts by two wire lead term.   |                     |        | 16-S-89757-6301        | N16-RC-17704   |                |                       | CFW  | 12736 and 5100 ohm resistor | CFM        | 1000A-230 alt0              | MK-39             |
| -471451               | COIL, RF: 9/17/45<br>RF choke; single wnd, four pie universal wnd; unshielded; rated 2 millihenrys at 400 kc p/m 10%, ea pie c/o 200 turns #36 SS wire; 1" lg x 1/2" diam o/a excluding leads; bakelite form, air core; form 1" lg x 1/4" OD; mts by two wire lead term; tropicalized, wax impr.  |                     |        | 16-C-74544-8914        |                |                |                       | CWA  | SK-378                      | CFM        | 1000A-277 alt0              | MK-39             |
| -471452               | COIL, RF: 9/17/45<br>RF choke; single wnd, two pie universal wnd; unshielded; rated 33 microhenrys p/m 2% at 125 ma, 1.87 mmf distributed capacity, 2.3 ohms DC resistance, one pie c/o 8 turns #36 SS wire and other pie c/o 74 turns #36 SS wire; 5/8" lg x 0.311" diam o/a excluding leads; dummy resistor form, air core; form 3/16" OD x 5/8" lg; mts by two wire lead term; tropicalized. |                     |        | 16-C-73442-4421        |                |                |                       | CFW  | 13769F                      | CFM        | 1000A-308 alt0              | MK-39             |
| -471453               | COIL, RF: 9/17/45<br>RF choke; single wnd, two pie universal wnd; unshielded; rated 19 microhenrys p/m 2% at 125 ma, 2.25 mmf distributed capacity, 1.72 ohms DC resistance; 5/8" lg x 0.290" diam o/a excluding leads; dummy resistor form, air core; form 5/8" lg x 3/16" OD; mts by two wire lead term; tropicalized.  |                     |        | 16-C-73279-6657        |                |                |                       | CFW  | 13766F                      | CFM        | 1000A-290 alt0              | MK-39             |
| -471454               | COIL, RF: 9/17/45<br>RF choke; single wnd; unshielded; rated 10 millihenrys p/m 5% at 125 ma, 61.26 ohms DC resistance; approx 1 1/16" diam x 29/32" lg o/a excluding term; ceramic form, air core; form 1/2" OD x 3/4" lg; mts by two holes for #3 screws 3/4" c to c; two solder lug term on base; tropicalized.  |                     |        | 16-C-75088-5328        |                |                |                       | CFW  | 12949F                      | CFM        | 1000A-285 alt1              | MK-39             |
|                       |   |                     |        |                        |                |                |                       |      |                             |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                             |            |                             |                   |
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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471455               | COIL, RF: 9/17/45<br>RF choke; single wnd, two pie universal wnd; unshielded; rated 17 microhenrys p/m 2% at 125 ma, 1.6 ohms resistance, 2.38 mmf distributed cap; 5/8" lg x 0.285" diam o/a excluding leads; dummy resistor form, air core; form 5/8" lg x 3/16" OD; mts by two wire lead term; tropicalized.                                       |                     |        | 16-C-73251-7706        |                |                |                       | CFW  | 13765P                     | CEM        | 1000A-287 alt0              | NK-39             |
| -471456               | SUPPRESSOR, parasitic: 9/18/45<br>resistor and coil; 5/8" lg x 1/2" diam o/a excluding leads; coil rated 17.4 microhenrys, self resonant at 30 mc p/m 10%, wnd on 51,000 ohms p/m 5%, 1/2w resistor; uncased; mts by two #20 wire lead term; varnished.   |                     |        | 16-S-89757-6311        |                |                |                       | CAZQ |                            | CRP        | S92-5421-1 rev0             | SG-3              |
| -471457               | COIL, RF: 9/18/45<br>RF choke; single wnd, three pie universal wnd; unshielded; rated 2.3 millihenrys p/m 5% at 1000 cyc, 50 ohms DC resistance; 2 1/8" h x 1 1/2" lg x 3/4" wd o/a; phenolic form air core; form approx 1 13/16" lg x 3/8" OD; two 5/32" diam mtg holes 3/4" c to c; two solder lug term riveted to ends of coil form; fungus-proof. |                     |        | 16-C-74722-1894        |                |                |                       | CACY |                            | CRP        | S92-5293-1 rev0             | SG-3              |
| -471458               | COIL, RF: 9/18/45<br>RF choke; single wnd, universal wnd; unshielded; rated 11 microhenrys p/m 10% at 50 ma; 7/16" lg x 5/16" diam o/a excluding leads; phenolic dummy resistor form, air core; form 7/16" lg x 7/32" OD; mts by two wire lead term; bakelite base, varnish impr.   |                     |        | 16-C-73142-4430        |                |                |                       | CAZQ |                            | CRP        | S92-5295-1 rev0             | SG-3              |
| -471459               | COIL, RF: 9/18/45<br>RF choke; single wnd, universal wnd; unshielded; rated 15 microhenrys p/m 10% at 50 ma; 7/16" lg x 5/16" diam o/a excluding leads; phenolic dummy resistor form, air core; form 7/16" lg x 7/32" OD; mts by two wire lead term; bakelite base, varnish impr.   |                     |        | 16-C-73203-1521        |                |                |                       | CAZQ |                            | CRP        | S92-5296-1 rev0             | SG-3              |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471460               | COIL, RF: 9/18/45<br>RF choke; single wnd, universal wnd; unshielded; rated 45 microhenrys p/m 10% at 50 ma; 7/16" lg x 3/8" diam o/a excluding leads; phenolic dummy resistor form, air core; form 7/16" lg x 7/32" OD; mts by two wire lead term; bakelite base, varnish impr.           |                     |        | 16-C-73511-6233        |                |                |                       | CAZQ |                            | CRP        | 892-5297-1 rev0             | SG-3              |
| -471461               | COIL, RF: 9/18/45<br>RF choke; single wnd, one pie; unshielded; rated 300 microhenrys p/m 5% at 20 ma; 5/8" lg x 1/2" OD; phenolic dummy resistor form, air core; form 5/8" lg x 3/16" OD; mts by two #20 wire lead term; tropic-alized; same as NT-47736 except for inductance tolerance. |                     |        | 16-C-74036-5085        |                |                |                       | CFW  |                            | CRP        | 892-5079-5 rev 0            | SG-3              |
| -471462               | COIL, RF: 9/18/45<br>RF choke; single wnd, universal wnd; unshielded; rated 30 microhenrys p/m 10% at 50 ma; 7/16" lg x 3/8" diam o/a excluding leads; phenolic resistor form, air core; form 7/16" lg x 7/32" OD; mts by two wire lead term; bakelite base, varnish impr.                 |                     |        | 16-C-73405-5083        |                |                |                       | CAZQ |                            | CRP        | 892-5436-1 rev0             | SG-3              |
| -471463               | COIL, RF: 9/18/45<br>RF choke; single wnd, universal wnd; unshielded; rated 7 microhenrys p/m 10% at 50 ma; 7/16" lg x 9/32" diam o/a excluding leads; phenolic dummy resistor form, air core; form 7/16" lg x 7/32" OD; mts by two #20 wire lead term; bakelite varnish impr.             |                     |        | 16-C-73043-4386        | N16-C-13160-10 |                |                       | CAZQ |                            | CRP        | 892-5294-1 rev0             | SG-3              |
| -471464               | COIL, RF: 9/18/45<br>RF choke; single wnd, two pie universal wnd; unshielded; rated 600 microhenrys p/m 5% at 5 ma; 5/8" lg x 1/2" diam o/a excluding leads; phenolic dummy resistor form, air core; form 5/8" lg x 3/16" OD; mts by two wire lead term; fungusproof.                      |                     |        | 16-C-74207-4299        |                |                |                       | CAZQ |                            | CRP        | 892-5341-1 rev0             | SG-3              |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471465               | COIL, RF: 9/18/45<br>RF choke; single wnd, universal wnd; unshielded; rated 10 millihenrys p/m 2% at 25 ma, 65 ohms DC resistance; 15/16" lg x 1 1/16" diam o/a excluding leads; ceramic form, air core; form 3/4" lg x 17/32" OD; mtd by #6-32 thd screw through ctr of form; two solder lug term on base; fungusproof.   |                     |        | 16-C-75090-4943        |                |                |                       | CFW | A-12165                    | CRP        | 892-5065 rev0               | SG-3              |
| -471466               | COIL, RF: 9/19/45<br>RF choke; single wnd, universal wnd; unshielded; rated 30 millihenrys p/m 5% at 1 kc, 50 ma, 107 ohms p/m 10% DC resistance; 1185 turns #37 wire; approx 5/8" lg x 1 3/16" diam o/a; powdered iron core; form 3/8" OD x 1/2" lg; mtd by one 1/8" diam hole in base; two solder lug term on base; wax impr.  |                     |        | 16-C-75367-1202        |                |                |                       | OML | 19-6842                    | OML<br>CYV | 19-6842 1ss5<br>FW16-30     | FSR               |
| -471467               | COIL, RF: 9/19/45<br>RF choke; single wnd, universal wnd; unshielded; rated 30 millihenrys at 1 kc, 30 ma, 340 ohms DC resistance; approx 7/8" lg x 1 1/8" diam o/a excluding term; powdered iron core; form 7/8" lg x 3/8" OD; mtd by one #6-32 thd stud through ctr; two solder lugs on base; wax impr.  |                     |        | 16-C-75528-6899        |                |                |                       | OML | 19-6846                    | OML<br>CYV | 19-6846 1ss4<br>FW16-21     | FSR               |
| -471468               | COIL, RF: 9/28/45<br>filter coil; single wnd, universal wnd; shielded in cylindrical aluminum can; rated 10 millihenrys, 60 ohms DC resistance, c/o 1150 turns #36 Formax wire; 1" diam x 1 1/4" h o/a excluding term; bakelite form, air core; 0.149" mtg hole through ctr; two solder lug term on base; moisture and fungus resistant.   |                     |        | 16-C-75100-2157        | RL6-T-7007     |                |                       | CRV | M-417043-515               | CRV        | M-417043-515<br>rev16       | TS-358/UP<br>SR-2 |
| -471468-A             | COIL, RF: 7/8/46<br>filter coil; single wnd, universal wnd; shielded in cylindrical aluminum can; rated 10 millihenrys, 60 ohms DC resistance, c/o 1300 turns #36 single nylon E wire; 1" diam x 1 1/4" h o/a excluding term; bakelite form, air core; 0.149" diam mtg hole through ctr; two solder lug term on base; moisture and fungus resistant; same as NT-471468 except for winding. |                     |        | 16-C-75132-5184        |                |                |                       | CRV | M-417043-515               | CRV        | M-417043-515<br>rev19       | TS-358/UP         |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFOR                     | MANUFACTURER'S PART NUMBER          | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN               |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|--------------------------|-------------------------------------|------------|-----------------------------|---------------------------------|
| -471469               | TRANSFORMER, IF: 9/28/45<br>peak freq 456 kc; shielded in rectangular metal can; 1 3/4" lg x 1 3/4" wd x 1 3/4" h o/a excluding leads and scdr adj; tuned pri and secd; adj powdered iron core tuning w/scdr adj through top of can; mtd by bolts; four wire lead term; pri rated 0.62 to 1.2 millihenry, 8 ohms DC resistance, secd rated 38 to 51 microhenrys, 1 ohm DC resistance. |                     |        | 17-T-67689-3926        |                |                |                       | CHC                      | 6146                                | CHG        | T-2                         | OBH<br>OBH-1                    |
| -471470               | TRANSFORMER, IF: 9/28/45<br>freq range 456 kc to 656 kc; osc end buffer; shielded; 3.48" lg x 1.844" wd x 1.406" h excluding mtg studs, term, and adj; bakelite form, air core; tuned pri only; var air capacitor tuning; mtd by 2 spade bolts through bottom of can; wax impr coil, scdr adj on top; c/o 2 wnd, 1 fixed capacitor, 1 var capacitor.                                  |                     |        | 17-T-81413-8045        |                |                |                       | CHG<br>CHG<br>CHG<br>CHG | 1874<br>X1881-B<br>A1390-A<br>A1427 |            |                             | OBH<br>OBH-1<br>MQ thru<br>MQ-2 |
| -471471               | COIL, RF: 10/5/45<br>RF choke; single wnd, layer wnd; unshielded; rated 23 microhenrys at 1000 cyc, c/o 55 turns of #12 E wire, 0.045 ohms DC resistance; 1 5/8" lg x 1 3/16" diam o/a excluding leads; cardboard form, air core; form 1 5/8" lg x 1/4" OD; mts by #10 screw through hole in ctr of form; two wire lead term.   |                     |        | 16-C-74495-1949        | 16-C-13036     |                |                       | CMA                      | A-40784-3                           | CRM        |                             | MQ-1                            |
| -471472               | COIL, RF: 9/18/45<br>RF choke; single wnd, single layer wnd; unshielded; rated 7 microhenrys at 200 ma DC, 1.041 ohms DC resistance, c/o 69 turns #34 E wire; 5/8" lg x 3/16" diam o/a excluding leads; dummy resistor form, air core; mts by two wire lead term; tropicalized.   |                     |        | 16-C-73043-9474        |                |                |                       | CPW                      | 13760F                              | CEM        | 1000A-289 a1to              | MK-39                           |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-354

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SHEET 47-355

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR        | CONTRACTOR'S DWG OR PART NO             | EQUIPMENT USED IN           |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|-------------------|---|-----------------------------|
| -471473               | COIL, RF: 9/18/45<br>RF choke; single wnd, single layer wnd; unshielded; rated 11 microhenrys at 125 ma DC, 1.94 ohms DC resistance, c/o 86 turns #36 E wire; 5/8" lg x 3/16" diam o/a excluding leads; dummy resistor form, air core; mts by two wire lead term; tropicalized.   |                     |        | 16-C-73142-9474        |                |                |                       | CFW        | 13762F                     | CBM               | 1000A-286 alt0                          | MX-39                       |
| -471474               | COIL, RF: 9/18/45<br>RF choke; single wnd, universal wnd; unshielded; rated 1 millihenry at 125 ma, 17.34 ohms DC resistance, c/o 260 turns #36 SE wire; 15/16" lg x 1 1/16" diam o/a excluding term; ceramic form, air core; two mtg holes for #4 screws 25/32" c to c; two solder lug term; impr.   |                     |        | 16-C-74329-2295        |                |                |                       | CFW<br>CFW | 12922<br>SC97A             | CBM<br>CBM<br>CWI | 1000A-284 alt0<br>920-207<br>85-051-201 | MX-39                       |
| -471475               | TRANSFORMER, IF: 10/4/45<br>peak freq 456 kc; fourth IF stage; shielded in rectangular metal can; 1 7/8" lg x 1 7/16" wd x 3 1/2" h excluding mtg studs and scdr adj; air core; tuned pri and secd; variable air capacitors w/two scdr adj through top of can; two 1/2" lg mtg studs 1 7/16" c to c; six solder lug term; incl two 3-34 mmf variable air capacitors, two 55 mmf fixed mica capacitors, one 100 mmf fixed mica capacitor, one 100,000 ohm fixed resistor and one 50,000 ohm resistor, pri c/o 303 turns #38 SE wire w/5 ohms DC resistance, secd c/o 606 turns #38 SE wire w/4.5 ohms DC resistance. |                     |        | 17-T-67617-6751        |                |                |                       | CFW<br>CFL | RT-6<br>RT-6               | CFL               | RT-6                                    | MN thru<br>MN-3<br>MN-4(2)  |
| -471476               | TRANSFORMER, IF: 10/4/45<br>456 kc; interstage; shielded; 1 7/8" wd x 1 3/8" d x 3 1/2" lg, excl term mtg studs and scdr adj; ceramic core; double-tuned; var air tuning; 2 thd spade stud mts 5/16" lg x 1 3/8" mtg/c; 4 solder lug term; incl 2 var air capacitors 3 to 34 mmf, two 55 mmf and one 100 mmf fixed capacitors, one 100,000 ohm resistor, one 1000 ohms, all resistor one 500,000 ohm resistor and 2 scdr adj for var; p/o Navy Type 43034 Radio Transmitter Receiver.   |                     |        | 17-T-67617-6701        |                |                |                       | CFL        | RT-5                       |                   |   | MN thru<br>MN-3<br>MN-4 (2) |
|                       |   |                     |        |                        |                |                |                       |            |                            |                   |   |                             |
|                       |   |                     |        |                        |                |                |                       |            |                            |                   |   |                             |
|                       |   |                     |        |                        |                |                |                       |            |                            |                   |   |                             |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-355

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN          |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|----------------------------|
| -471477               | TRANSFORMER, IF: 10/4/45<br>peak freq 5000 kc; first IF stage; shielded in rectangular aluminum can; 1 7/8" lg x 1 7/16" wd x 4" h o/a excluding mtg studs and scdr adj; air core; tuned pri and sec; variable air capacitors w/two scdr adj through top of can; two 1/2" lg mtg studs 1 7/16" c to c; six solder lug term; incl two 3-34 mmf variable air capacitors, one 100 mmf fixed mica capacitor and one 100,000 ohm fixed resistor, pri and sec rated 27 microhenrys, 3 ohms DC resistance.   |                     |        | 17-T-67857-8051        |                |                |                       | CFL | RT-3                       | CFL        | RT-3                        | MN thru<br>MN-3<br>MN-4(2) |
| -471478               | TRANSFORMER, IF: 10/4/45<br>peak freq 5000 kc; second IF stage; shielded in rectangular metal can; 1 7/8" lg x 1 7/16" wd x 4" h o/a excluding mtg studs and scdr adj; air core; tuned pri and sec; variable air capacitors w/two scdr adj through top of form; two 1/2" lg mtg studs 1 7/16" c to c; six solder lug term; incl two 3-34 mmf variable air capacitors, one 100 mmf fixed capacitor and one 100,000 ohm resistor, pri and sec rated 27 microhenrys, 3 ohms DC resistance.   |                     |        | 17-T-67857-8081        |                |                |                       | CFL | RT-4                       | CFL        | RT-4                        | MN thru<br>MN-3<br>MN-4(2) |
| -471479               | TRANSFORMER, IF: 10/4/45<br>peak freq 456 kc; used in discriminator circuit; shielded in rectangular aluminum can; 1 7/8" lg x 1 3/8" wd x 3 1/2" h o/a excluding term mtg studs and scdr adj; air core; tuned pri and sec; variable air capacitors w/two scdr adj through top of can; two mtg studs 1 3/8" c to c; five solder lug term; incl two 3-34 mmf variable air capacitors, one 107 mmf, one 83 mmf and one 500 mmf fixed mica capacitors, one 50,000 ohms and one 20,000 ohms fixed resistors, mutual inductance 210.1 microhenrys, pri rated 770 microhenrys, 2 ohms DC resistance, sec rated 1.08 millihenrys, 1.5 ohms DC resistance, sec is CT. |                     |        | 17-T-67617-6521        |                |                |                       | CFL | RT-7                       | CFL        | RT-7                        | MN thru<br>MN-3<br>MN-4(2) |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                            |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                            |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-356

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SHEET 47-357

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O ST CK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------|
| -471480               | <p>TRANSFORMER, IF: 10/4/45</p> <p>peak freq 5 mc; first IF stage; shielded in rectangular aluminum can; 1 7/8" lg x 1 7/16" wd x 4" h o/a excluding term, mtg studs and scdr adj; air core: tuned pri and secd; variable air capacitors w/ two scdr adj through top of can; two #6-32 thd x 5/16" lg mtg studs 1 7/16" c to c; four solder lug term; incl two 3.34 mmf variable air capacitors, one 100 mmf fixed capacitor and one 100,000 ohms fixed resistor mutual inductance 0.75 microhenrys, pri and secd ea rated 27 microhenrys, 1 ohm DC resistance.</p>  |                     |        | 17-T-67857-8021        |                |                |                       | CFL<br>CFL | T-103-1<br>T-103-2         | CFL<br>CFL | T-103-1<br>T-103-2          | MX-5(4)           |
| -471481               | <p>TRANSFORMER, IF: 10/h/45</p> <p>peak freq 456 kc; used in second limiter circuit; shielded in rectangular aluminum can; 1 7/8" lg x 1 7/16" wd x 3 1/2" h o/a excluding term, mtg studs and scdr adj; air core; tuned pri and secd; variable air capacitors w/two scdr adj through top of can; two #6-32 thd x 5/16" lg mtg studs 1 7/16" c to c; four solder lug term; incl two 3.34 mmf variable air capacitors, incl two 55 mmf and one 100 mmf fixed mica capacitors, one 100,000 ohms, one 1000 ohms and one 50,000 ohms fixed resistors; pri and secd rated 1.3 millihenrys, 34 ohms DC resistance.</p>   |                     |        | 17-T-67617-6601        | N16-T-6099-3   |                |                       | CFL        | T-105                      | CFL        | T-105                       | MX-5(2)           |
| -471482               | <p>TRANSFORMER, IF: 10/4/45</p> <p>peak freq 456 kc; used in discriminator circuit; shielded in rectangular aluminum can; 1 7/8" lg x 1 3/8" wd x 3 1/2" h o/a excluding term, mtg studs and scdr adj; air core; tuned pri and secd; variable air capacitors w/two scdr adj through top of can; two mtg stud 1 3/8" c to c; four solder lug term; incl two 3-34 mmf variable air capacitors, on a 107 mmf, one 500 mmf and one 83 mmf fixed mica capacitors, one 50,000 ohms and one 20,000 ohms fixed resistors; mutual inductance 210.1 microhenrys, pri rated 770 microhenrys, 2 ohms DC resistance, secd rated 1.08 millihenrys, 2 ohms DC resistance.</p> |                     |        | 17-T-67617-6501        | N16-T-6099-5   |                |                       | CFL        | T-106                      | CFL        | T-106                       | MX-5(2)           |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-357

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SHEET 47-358

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | U S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN              |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|--------------------------------|
| -471483               | COIL, RF: 10/4/45<br>RF choke; single wnd, space wnd; unshielded; rated 12 microhenrys, at 3 amp, c/o 55 turns #16 E wire w/o.374 ohms DC resistance; 1 3/16" lg x 1" OD o/a excluding leads; air core, phenolic form; mte by two wire lead term.  |                     |        | 16-C-73167-3770        | 116-C-13179-6  |                |                       | CBV | 3780                       | CFL        |                             | MN-4(2)<br>MN-3                |
| -471484               | COIL, RF: 10/4/45<br>RF choke; single wnd, layer wnd; unshielded; rated 25 microhenrys, c/o 163 turns #30 wire w/1 ohm DC resistance; 1/2" OD x 1 1/2" lg excluding leads; mte by term; two solder lug term, one ea end; wax dipped.   |                     |        | 16-C-73362-4159        |                |                |                       | CFL | L-163T                     | CFL        | L-163T                      | MN thru<br>MN-3<br>MN-4(2)     |
| -471485               | COIL, RF: 10/4/45<br>hash filter choke; single wnd, four pie universal wnd; unshielded; rated 2.5 millihenry, c/o 215 turns #36 ES wire, 30 ohms DC resistance; 3/2" OD x 2" lg o/a excluding leads; ceramic form, air core; form 1/4" diam x 1 1/2" lg; mte by two wire lead term.  |                     |        | 16-C-74605-8026        | 116-C-13185-5  |                |                       | CFW | 12381                      | CFL        |                             | MN-4(2)<br>MN-3                |
| -471486               | TRANSFORMER, IF: 10/4/45<br>peak freq 455 kc; first IF stage; shielded in rectangular metal can; 4 1/2" h x 1 7/8" lg x 1 7/16" wd o/a excluding leads, mtg studs and scdr adj; air core; tuned pri and secd; variable air capacitors w/two scdr adj on top of can; two mtg studs on bottom of can; four wire lead term; incl two variable air ca ctitors, r1 rated 1.16 millihenry tapped at 39.2 microhenry, 2 ohms DC resistance secd rated 1.16 millihenry, 15 ohms DC resistance. |                     |        | 17-T-67620-7301        | 116-T-6130-1   |                | 229641.174            | CFW | 9900                       | CFM        | TI-3                        | TCP(2)<br>TCP-2(2)<br>TCP-3(2) |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

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SHEET 47-359

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN          |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|----------------------------|
| -471487               | COIL, RF: 10/4/45<br>RF choke; single wnd, universal wnd; unshielded; rated 0.8 millihenrys, 40 ohms DC resistance, c/o 200 turns #30 DC wire; 15/16" OD x 5/8" lg o/a excluding leads; air core, wooden form; mts by #6-32 thd mtg screw through ctr of form; two wire lead term varnish impr.   |                     |        | 16-C-74259-5961        | N16-C-13068    |                |                       | OLG  | T297E-1                    | CRM        | CH-7                        | MQ-2<br>MQ<br>MQ-1         |
| -471488               | COIL, RF: 10/5/45<br>Inductance coil; single wnd, two pie universal wnd; rated 1 millihenry at 1000 cyc, 100 ma, 10 ohms DC resistance, c/o 144 turns #33 SSE wire per pie; 5/8" OD x 5/8" lg o/a excluding leads; wooden form, air core; form 3/8" OD x 5/8" lg; one mtg hole through ctr of form for #8 screw; two wire lead term; cerese wax impr.   |                     |        | 16-C-74303-3701        | N16-C-13168-9  |                | 3C337-3               | OMA  | A-40919-1                  | CRM        |                             | MQ-1<br>MQ<br>MQ-2<br>NK-7 |
| -471489               | COIL, RF: 10/5/45<br>RF choke; single wnd, four pie universal wnd; unshielded; rated 2.5 millihenrys at 150 ma, 16 ohms DC resistance, ea pie c/o 170 turns #37 ES wire; 1 7/8" lg x 15/32" OD o/a excluding leads; insulex form, air core; mts by two radial wire lead term.   |                     |        |                        |                |                |                       | CAID | SA277                      | CFL        |                             | MN-2(2)<br>MN-1            |
| -471490               | COIL, RF: 10/8/45<br>RF choke; seven pie wnd, connected series aiding; unshielded; ea pie rated 100 microhenrys p/m 2%, inductance of two adjacent wnd, 260 microhenrys p/m 4%, total inductance 1.25 millihenrys p/m 5%; 1 3/4" lg x 1" diam o/a excluding term and mtg bkt; air core; two #6-32NC-2 thd mtg holes 1 1/8" c to c; eight solder lug term, four on ea side; encased in bakelite housing w/metal bkt. |                     |        | 16-C-74453-8337        | N16-C-13223-9  |                |                       | OPW  | 13450                      | CRP        | S92-5323-1 rev0             | SG-3                       |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                            |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                            |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-359

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SHEET 47-360

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471491               | TRANSFORMER, RF: 10/11/45<br>trigger coil; two wnd, layer wnd; shielded in BS cylindrical metal can, operation from 10 to infinity ohms impedance, pri c/o 25 turns #24 wire, 0.2 ohms DC resistance, secd c/o 5320 turns #42 wire, 2200 ohms DC resistance; 1 3/8" OD x 3 9/16" lg o/a incl term; air core; mts by saddle clamp; four solder lug term, two ea end.   |                     |        | 17-T-82068-5664        |                |                |                       | CIP  | ES-2481                    | CIP        | ES-2481 1ea2                | NJ-B(2)<br>NJ-6   |
| -471492               | TRANSFORMER, RF: 10/12/45<br>var RF filter; single wnd CT, one pie; shielded in cylindrical metal can; non resonant freq 1.64 kc, freq range 1.40 kc to 1.90 kc, distributed capacity 0.0205 mfd, 300 p/m 35 ohm DC resistance start to CT, 445 p/m 45 ohm DC resistance CT to finish; 2 3/16" lg x 2" OD o/a; tuning slug core, bakelite form; adj iron core w/#6-32 thd hex adj nut at top of can; 1/4" bushing mtg; four solder post term on bottom of can; incl three fixed capacitors. |                     |        | 16-C-76756-6221        |                |                |                       | CFW  | 13699                      | CRP        | W92-5391-1 sub 1            | SC-3<br>SC-4      |
| -471493               | TUNED CIRCUIT ASSEMBLY: 10/12/45<br>peak freq 4.1 kc, band wd 3.6 to 4.6 kc; 3 9/16" lg x 2" OD, o/a less slug and term; cylindrical metal shield can; 1/4"-32 thd bushing for mtg; 4 solder term opposite adj end, 1 not used; c/o 2 cap, 1 coil w/tap.  |                     |        | 16-F-32320-9201        |                |                |                       | CFW  | 13700                      | CRP        | W-92-5391-2<br>sub 4        | SC-3<br>SC-4      |
| -471494               | TUNED CIRCUIT ASSEMBLY: 10/12/45<br>peak freq 16.4 kc, freq range 13.8 to 19 kc; 3 9/16" lg x 2" OD, o/a; cylindrical metal shield can; 1/4"-32 thd bushing for mtg; 4 solder term opposite adj end, 1 not used.  |                     |        | 16-C-76792-4037        |                |                |                       | CFW  | 13701                      | CRP        | W92-5391-3 sub 1            | SC-3<br>SC-4      |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-360

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SHEET 47-361

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN   |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|---|
| -471495               | TRANSFORMER, RF: 10/12/45<br>var RF filter; single wnd, CT; shielded in cylindrical metal can; non resonant freq 82 kc, freq range 70 kc to 102 kc, distributed capacity 0.00068 mfd, 34 p/m 5 ohms DC resistance start to CT, 37 p/m 5 ohms DC resistance CT to finish; 3 9/16" lg x 2" OD o/a; bakelite form; adj iron core w/#6-32 thd hex adj nut at top of can; 1/4" bushing mtg; four s lder post term on bottom of can; incl one fixed capacitor. |                     |        |                        |                |                |                       | CFW  | 13702                      | CRP        | W92-5391-4                  | SC-3<br>SC-4  |
| -471496               | COIL, RF: 10/16/45<br>plate choke; single wnd, five ply honey comb wnd; unshielded; rated 1 millihenry at 600 ma, c/o 434 turns #28 wire w/6 ohms DC resistance; 3 1/8" h x 2" wd x 2 9/16" lg o/a; air core, isolantite form; three mtg holes in mtg bkt, two are 1 7/16" c to c, other one is ctr 1 13/16" away; two solder lug term; incl insulator mtd on bkt for one term; electrically but not mechanically interchangeable w/WP-471318.           |                     |        | 16-C-74396-5501        | 16-C-13158-4   |                | 30326-154             | CWA  | R-154                      | CRM        | CH-8                        | TJB<br>MQ thru<br>MQ-2<br>TCO<br>TCO-1<br>TC<br>TCP-3<br>TCP-1<br>TCP-2 |
| -471497               | COIL, RF: 10/18/45<br>RF choke; single wnd, single layer wnd; unshielded; rated 50 microhenrys at 2 amp, 0.19 ohms DC resistance, c/o 52 turns #18 copper wire; approx 7 3/4" lg x 2 1/8" diam o/a excluding term; ceramic form, air core; mts by two #6-32 thd x 1/2" lg screws 6 3/4" c to c; two solder lug term at ends of coil; tropicalized.   |                     |        | 16-C-73573-6726        |                |                |                       | CFT  | RC-7548-3                  | CFT        | RC-7548-3 1seeB             | TFA   |
| -471498               | COIL, RF: 10/19/45<br>RF choke; single wnd, single layer wnd; unshielded; rated 1.6 microhenrys, 500 ohms impedance at 50 mc, c/o 15 turns #16 E wire w/0.01 ohms DC resistance; 1" lg x 3/8" OD o/a excluding leads; powdered iron core; mte by two wire lead term; dipped in glyptal.  |                     |        | 16-C-72820-9572        |                |                |                       | CAIZ | CFNR-15/16                 | CLG<br>CRV | T-1358A-1                   | MAR   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-361

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SHEET 47-362

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFOR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO      | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|----------------------------------|-------------------|
| -471499               | TRANSFORMER, IF: 10/25/45<br>peak freq 1100 kc; first IF stage; rectangular aluminum shield can; 1 31/32" lg x 1 9/16" wd x 2 1/2" h o/a incl mtg feet; tuned pri and secd; two adj iron cores w/secdr adj on side of can; two mtg feet ea w/one 0.154" diam hole 1 19/32" c to c; five color coded wire leads from bottom of can; inductance w/o shield at 1000 cps, coil A 193 microhenrys, coil B 218 microhenrys, incl two 47 mmf fixed capacitors, one 510 mmf fixed capacitor, and one 43,000 ohm resistor.  |                     |        | 17-T-67738-1676        | N16-T-5911-50  |                |                       | CG   | K-44J202-1                 | CG<br>CG   | K-44J202-1 rev4<br>K-43J812 rev4 | DAS               |
| -471500               | TRANSFORMER, IF: 10/25/45<br>peak freq 1100 kc; second IF stage; rectangular aluminum shield can; 1 31/32" lg x 1 9/16" wd x 2 1/2" h o/a incl mtg feet; tuned pri and secd; two adj iron cores w/secdr adj on side of can; two mtg feet ea w/one 0.154" diam hole 1 19/32" c to c; five color coded wire leads from bottom of can; inductance w/o shield at 1000 cps, coil A 197 microhenrys, coil B 218 microhenrys, incl two 47 mmf fixed capacitors, one 510 mmf fixed capacitor, and one 43,000 ohm resistor. |                     |        | 17-T-67738-1686        | N16-T-6079-15  |                |                       | CG   | K-44J202-2                 | CG<br>CG   | K-44J202-2 rev4<br>K-43J812 rev4 | DAS               |
| -471501               | TRANSFORMER, IF: 10/25/45<br>peak freq 1100 kc; fourth IF stage; rectangular aluminum shield can; 1 31/32" lg x 1 9/16" wd x 2 1/2" h o/a incl mtg feet; tuned pri and secd; adj iron core w/secdr adj on side of can; two mtg feet ea w/one 0.154" diam hole 1 19/32" c to c; five color coded wire leads from bottom of can; inductance w/o shield at 1,000 cps; coil A and coil B 193 microhenrys, incl two three 47 mmf fixed capacitors and one 20,000 ohm resistor.  |                     |        | 17-T-67738-1716        | N16-T-5911-60  |                |                       | CG   | K-44J202-4                 | CG<br>CG   | K-44J202 rev4<br>K-43J812 rev4   | DAS               |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                                  |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                                  |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                                  |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-362

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SHEET 47-363

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO                    | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO    | EQUIPMENT USED IN   |
|-----------------------|---|---------------------|--------|------------------------|-----------------------------------|----------------|-----------------------|-----|----------------------------|------------|--------------------------------|---------------------|
| -471502               | TRANSFORMER, IF: 10/25/45<br>peak freq 1100 kc; third IF stage; rectangular aluminum shield can; 1 31/32" lg x 1 9/16" wd x 2 1/2" h o/a incl mtg feet; tuned pri and sec'd; two adj iron cores w/sec'd adj on side of can; two mtg feet ea w/one 0.154" diam hole 1 19/32" c to c; six color coded wire leads from bottom of can; inductance w/o shield at 1000 cps, coil A and coil B 197 microhenrys, incl two 47 mmf fixed capacitors, one 510 mmf fixed capacitor and one 43,000 ohm resistor. |                     |        | 17-T-67738-1701        | N16-RT-77485-54<br>N16-T-5911-2-7 |                |                       | CG  | K-44J202-3                 | CG<br>CG   | K-44J202 rev4<br>K-43J812 rev4 | DAS                 |
| -471503               | TRANSFORMER, RF: 10/25/45<br>RF trans, band #1; two wnd, single pie wnd; unshielded; coil X rated 3.53 millihenrys, coil Y rated 150.8 millihenrys; 2.062" lg x 1 3/8" diam o/a; powdered iron core, bakelite form; form 1" lg x 3/8" diam o/a; one 1/4" d x #6-32 tapped mtg hole in ea end of coil form; two wire lead term from ea coil; wax impr.   |                     |        | 17-T-82357-5682        | N16-T-7117                        |                |                       | CFT | F-29183-1-2                | CFT        | F-29215-1-2 1ssB               | RBA-1 thru<br>RBA-4 |
| -471504               | TRANSFORMER, RF: 10/25/45<br>RF trans, band #2; two wnd, single pie wnd; unshielded; coil X rated 0.635 millihenrys, coil Y rated 25.1 millihenrys; 2 1/16" lg x 1 3/8" wd x 1 3/8" h o/a; powdered iron core, bakelite dowel; two 1/4" d x #6-32 tapped mtg holes 1 1/8" c to c; four wire lead term from coil; wax impr.  |                     |        | 17-T-81963-9571        | N16-T-7002-45                     |                |                       | CFT | F-29214-1-2                | CFT        | F-29214-1-2 1ssB               | RBA thru<br>RBA-3   |
| -471505               | TRANSFORMER, RF: 10/25/45<br>RF trans, band #3; two wnd, single pie wnd; unshielded; coil X rated 0.169 millihenrys, coil Y rated 3.876 millihenrys; 1 31/32" lg x 1 7/8" wd x 1 7/8" h o/a; powdered iron core, ceramic form 1 31/32" lg x 1/2" diam; two #6-32 tapped mtg holes, one in ea end of form; four wire lead term from top of coil; wax impr.   |                     |        | 17-T-82324-8446        | N16-T-7002-95                     |                |                       | CFT | F-29183-3-8                | CFT        | F-29183-3-8 1ss5               | RBA thru<br>RBA-3   |
|                       |   |                     |        |                        |                                   |                |                       |     |                            |            |                                |                     |
|                       |   |                     |        |                        |                                   |                |                       |     |                            |            |                                |                     |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471506               | TRANSFORMER, RF: 10/25/45<br>RF transf, band #4; two wnd, single pie wnd; unshielded; coil X rated 0.0935 millihenrys, coil Y rated 0.617 millihenrys; 1 31/32" lg x 1 15/16" diam o/a; powdered iron core, ceramic form 1 31/32" lg x 1 1/2" diam; two #6-32 tapped mtg holes, one in ea end of form; two wire lead term from ea coil; wax impr.  |                     |        | 17-T-82320-9346        | N16-T-7117-4   |                |                       | CPT  | F-29183-3-11               | CPT        | F-29183-3-11<br>1aeS        | RBA thru<br>RBA-3 |
| -471507               | TRANSFORMER, IF: 10/25/45<br>freq range 14.1 to 16 mc, peak freq 15 mc; first IF stage; shielded in rectangular aluminum can; 3 5/16" h x 1 15/16" lg x 1 1/2" wd o/a excluding term and mtg plate; tuned pri and secd; two adj powdered iron cores w/scdr adj through top of can; two 5/32" diam holes 2 11/32" c to c w/holes offset 1/4"; four solder post term on bottom; one coil c/o 18 turns #30 E wire, the other c/o 22 turns #30 E wire, incl two resistors ea rated 4,700 ohms. |                     |        | 17-T-68134-1358        | N16-T-5900-20  |                |                       | CAY  | T-7610639-1                | CAY        | T-7610639-1 rev5            | SR<br>SR-5        |
| -471508               | TRANSFORMER, IF: 10/25/45<br>freq range 14.1 to 16 mc, peak freq 15 mc; second IF stage; shielded in rectangular aluminum can; 3 5/16" h x 1 1/2" wd x 1 15/16" lg o/a excluding term and mtg plate; tuned pri and secd; two adj powdered iron cores w/scdr adj through top of can; two 5/32" diam holes 2 11/32" c to c w/holes offset 1/4" four solder post term on bottom; incl two resistors ea rated 4700 ohms, one coil c/o 28 turns #30 E wire, the other c/o 22 turns #30 E wire.  |                     |        | 17-T-68134-1368        | N16-T-5911-30  |                |                       | CAY  | T-7610639-2                | CAY        | T-7610639-2 rev5            | SR<br>SR-5        |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-364

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SHEET 47-365

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471509               | TRANSFORMER, IF: 10/25/45<br>freq range 14.1 to 16 mc, peak freq 15 mc; third IF stage; shielded in rectangular aluminum can; 3 5/16" h x 1 15/16" lg x 1 1/2" wd o/a excluding term and mtg plate; tuned pri and secd; two adj powdered iron cores w/secr adj through top of can; two 5/32" diam holes 2 11/32" c to c w/holes offset 1/4"; four solder post term on bottom; one coil c/o 27 turns #30 E wire, the other c/o 23 turns #30 E wire, incl two resistors, ea rated 4700 ohms. |                     |        | 17-T-68134-1388        | N16-T-6010-30  |                |                       | CAY | T-7610639-3                | CAY        | T-7610639-3 rev5            | SR<br>SR-5        |
| -471510               | NETWORK, pulse forming: 10/26/45<br>pulse peaking network; metal case, lacquer coated; tuned at 1 mc, c/o two coils, ea rated 0.6 milli-henrys, ea c/o 300 turns #34 wire, two resistors 27,000 ohms ea, two capacitors ea rated 10 mmf; 1 1/2" wd x 1 15/16" lg x 2 1/8" h o/a excluding term and mtg plate; mtd by two 5/32" diam holes 2 11/32" c to c w/holes offset 1/4"; four solder post term on bottom.  |                     |        |                        | N16-468-35     |                |                       | CAY | T-7610937-1                | OAY        | T-7610937-1 rev3            | SR<br>SR-5        |
| -471511               | TRANSFORMER, IF: 10/26/45<br>freq range 14.1 to 16 mc, peak freq 15 mc; first IF stage; shielded in rectangular aluminum can; 3 5/16" h x 1 15/16" lg x 1 1/2" wd o/a excluding term and mtg plate; tuned pri and secd; two adj powdered iron cores w/secr adj through top of can; two 5/32" diam holes 2 11/32" c to c w/holes offset 1/4"; four solder post term on bottom; one coil c/o 28 turns #30 E wire, the other c/o 20 turns #30 E wire, incl two resistors ea rated 4700 ohms.  |                     |        | 17-T-68134-1348        | N16-T-5912-50  |                |                       | CAY | T-7611123-1                | CAY        | T-7611123-1 rev9            | SR<br>SR-5        |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-365

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SHEET 47-366

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471512               | TRANSFORMER, IF: 10/26/45<br>freq range 14.1 to 16 mc, peak freq 15 mc; second IF stage; shielded in rectangular aluminum can; 3 5/16" h x 1 15/16" lg x 1 1/2" wd o/a excluding term and mtg plate; tuned pri and sec; two adj powdered iron cores w/secr adj through top of can; two 5/32" diam holes 2 11/32" c to c w/holes offset 1/4"; four solder post term on bottom; one coil c/o 26 turns #30 E wire, the other c/o 19 turns #30 E wire, incl two resistors ea rated 4700 ohms.                      |                     |        | 17-T-68134-1363        | N16-T-5912-40  |                |                       | CAY | T-7611123-2                | CAY        | T-7611123-2 rev9            | SR<br>SR-5        |
| -471513               | TRANSFORMER, IF: 10/26/45<br>freq range 14.1 to 16 mc, peak freq 15 mc; third IF stage; shielded in rectangular aluminum can; 3 5/16" h x 1 15/16" lg x 1 1/2" wd o/a excluding term and mtg plate; tuned pri and sec; two adj powdered iron cores w/secr adj through top of can; two 5/32" diam holes 2 11/32" c to c w/holes offset 1/4"; four solder post term on bottom; one coil c/o 27 turns #30 E wire, the other c/o 23 turns #30 E wire, incl two resistors one rated 4700 ohms, the other 3300 ohms. |                     |        | 17-T-68134-1378        | N16-T-5912-30  |                |                       | CAY | T-7611123-3                | CAY        | T-7611123-3 rev9            | SR<br>SR-5        |
| -471514               | COIL, RF: 10/26/45<br>filter rejection coil; one wnd, single layer wnd; shielded rectangular aluminum can; oper freq 13.9 to 15.3 mc; 3 5/16" h x 1 15/16" lg x 1 1/2" wd o/a excluding shaft term and mtg fl; powdered iron core, adj by 2 5/16" lg x 1/4" diam shaft and secr adj thru top of can; two 5/32" diam holes 2 11/32" c to c, w/holes offset 1/4"; three solder post term on bottom; incl two resistors, one rated 100 ohms, the other 90 ohms, two capacitors ea rated 15 mmf.                   |                     |        |                        | N16-RF-28017   |                |                       | CAY | T-7610967-1                | CAY        | T-7610967-1 rev6            | SR<br>SR-8        |

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SHEET 47-367

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471515               | COIL, RF: 10/26/45<br>filter rejection coil; one wnd, single layer wnd; shielded in rectangular aluminum can; oper freq 14.9 to 16.1 mc; 3 5/16" h x 1 15/16" lg x 1 1/2" d o/a excluding shaft, term and mtg fl; adj powdered iron core w/secr adj through top of can and adj shaft at bottom 2 5/16" lg x 1/4" diam; two 5/32" diam holes 2 11/32" c to c w/holes offset 1/4"; three solder post term on bottom; T-702 stamped on top of can, incl two capacitors ea rated 15 mmf, two resistors, one rated 4700 ohms, the other 9 ohms. |                     |        |                        | N16-RF-28016   |                |                       | CAY | T-7610967-2                | CAY        | T-7610967-2<br>rev6         | SR<br>SR-5        |
| -471516               | TRANSFORMER, IF: 10/29/45<br>peak freq 15.1 mc; first IF stage; shielded in rectangular aluminum can; 3 1/8" h x 1 7/16" lg x 1 3/8" wd o/a excluding term and mtg studs; single tuned; adj powdered iron core w/secr adj on top of can; two #6-32 thd mtg studs 1 5/16" c to c; five solder lug term on bottom; incl one 100 mmf mica capacitor, two 470 mmf mica capacitors, and one 6800 ohm resistor, one 0.18 meg resistor, has fixed band width.   |                     |        | 16-F-32711-2805        | N16-T-6079-16  |                |                       | CNA | SA2745                     | CNA        | SA2745 sub1                 | RDZ               |
| -471517               | TRANSFORMER, IF: 10/31/45<br>peak freq 15.1 mc; second IF stage; shielded in rectangular aluminum can; 3 7/32" h x 1 7/16" sq o/a excluding term and mtg studs; tuned pri and secd; adj powdered iron cores w/secr adj at top and bottom of can; two #6-32 thd mtg studs 1 5/16" c to c; four solder lug term on bottom; incl two capacitors ea rated 270 mmf, two resistors ea rated 56,000 ohms, pri and secd ea rated 0.4 microhenrys.  |                     |        | 17-T-68135-2591        | N16-T-6099-4   |                |                       | CNA | SA-2582                    | CNA        | SA-2582 sub1                | RDZ               |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471518               | TRANSFORMER, IF: 10/31/45<br>peak freq 15.1 mc; fourth IF stage; shielded in rectangular aluminum can; 3 5/16" h x 1 7/16" sq c/a excluding term and mtg studs; tuned pri and sec; two adj powdered iron cores w/scr adj at top and bottom of can; two #6-32 thd mtg studs 1 5/16" c to c; six solder lug term on bottom, two not used; inductance, pri 0.55 microhenrys, sec 0.6 microhenrys, incl two capacitors, one rated 200 mmf, the other 180 mmf. |                     |        | 17-T-68135-2611        | 116-T-6079-9   |                |                       | CNA  | SA2583                     | CNA        | SA2583 sub1                 | RDZ               |
| -471519               | TRANSFORMER, IF: 10/31/45<br>peak freq 15.1 mc; third IF stage; shielded in rectangular aluminum can; 3 5/16" h x 1 7/16" sq c/a excluding term and mtg studs; tuned pri and sec; two adj powdered iron cores w/scr adj at top and bottom of can; two 15/32" lg x #6-32 thd mtg studs 1 5/16" c to c; four solder lug term on bottom; inductance, pri/sec rated 0.55/0.6 microhenrys, incl two capacitors, one rated 200 mmf, the other 180 mmf.          |                     |        | 17-T-68135-2601        | 116-T-6079-24  |                |                       | CNA  | SA2743 sub1                | CNA        | SA2743 sub1                 | RDZ               |
| -471520               | SUPPRESSOR, parasitic: 10/25/45<br><u>CANCELLED:</u> same as NT-471885.   |                     |        | 16-S-89765-4959        |                |                |                       | CFM  | 925479-1                   | CRP        | S92-5479-1 iss 1            | 50-5              |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

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NAVSHIPS 900,109(A)  
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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|----------------------------------|
| -471521               | TRANSFORMER, RF: 10/26/45<br>RF input transf; three wnd, two are two pie wnd, one single layer wnd; rectangular aluminum shield can; inductance 1055 millihenrys, input impedance 50 ohms; 3 1/2" h x 1 7/16" sq o/a excluding term and mtg studs; adj iron cores w/sodr adj at top and bottom of can; two mtg studs 1.3185" c to c on diagonally opposite corners; six solder lug term on bottom; incl two capacitors ea rated 100 mmf; tuned between 390 and 410 kc, adj so peak freq is 25 kc p/m 2.5 kc above or below center freq, ratio of signal response at peak freq to center freq greater than 6 to 1.                |                     |        |                        |                |                |                       | OWF | US-80227                   | OWF        | US-80227 rev0               | RBU-2<br>RBV-2<br>RBW-3<br>RDP-1 |
| -471522               | TRANSFORMER, RF: 10/26/45<br>three wnd, two are two pie wnd, one single layer wnd; rectangular aluminum shield can; inductance 1055 millihenrys, input impedance 50 ohms; 3 1/2" h x 1 7/16" sq o/a excluding term and mtg studs; adj iron cores w/sodr adj at top and bottom of can; two mtg studs 1.312" c to c on diagonally opposite corners; six solder lug term on bottom; incl two capacitors ea rated 100 mmf, and one capacitor rated 15 mmf; tuned between 390 and 410 kc, adj so peak freq is 50 kc p/m 5 kc above or below center freq, ratio of signal response at peak freq to center freq is greater than 8 to 1. |                     |        |                        |                |                |                       | OWF | US-80231                   | OWF        | US-80231 rev0               | RBU-1<br>RBV-2<br>RBW-3<br>RDP-1 |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|----------------------------------|
| -471523               | TRANSFORMER, RF: 10/26/45<br>input RF trans; four wnd, single layer wnd, one wnd tapped; rectangular aluminum shield can; inductance LL rated 35 microhenrys p/m 5%, L2 rated 32 microhenrys, L5 rated 3.75 microhenry p/m 5%, LL Q at 5 mc is 90, L2 Q at 5 mc is 65, oper freq 5.25 p/m 0.25 mc; 3 1/2" h x 1 7/16" sq o/a excluding term and mtg studs; adj iron cores w/scr adj top and bottom; two mtg studs 1.312" c to c on diagonally opposite corners; four solder lug term on bottom; fungicide treated, incl two resistors; Jan type RC20BF104K, end RC20BF334K, three capacitors Jan type CC21CH200K, CC21CH150K, and CM20C101K. |                     |        |                        |                |                |                       | CWF  | US-80235                   | CWF        | US-80235 rev0               | RBU-2<br>RBV-2<br>RBW-3<br>RDP-1 |
| -471524               | TRANSFORMER, RF: 10/29/45<br><del>CANCELLED</del> : same as Navy Type 471057.<br>NOTE: RBW-3; RDP-1.   |                     |        |                        |                |                |                       | CWF  | US-80245                   | CWF        | US-80245 rev 0              | RBU-2<br>RBV-2<br>SEE NOTE       |
| -471525               | TRANSFORMER, RF: 10/31/45<br>RF output trans; two wnd, four pie wnd; rectangular aluminum shield can; inductance 1055 millihenry; 3 1/2" h x 1 7/16" sq o/a excluding term and mtg studs; adj iron cores w/scr adj top and bottom; two mtg studs 1.3125" o to c on diagonally opposite corners; four solder lug term on bottom; wax impr, fungicide treated, tuned between 390 and 410 kc, peak freq 25 kc p/m 2.5 kc above or below center freq, ratio of signal response at peak freq to center freq greater than 6 to 1, incl two Jan type CM20C101J silver mica capacitors.  |                     |        |                        |                |                |                       | CWF  | US-80228                   | CWF        | US-80228 rev0               | RBU-2<br>RBV-2<br>RBW-3<br>RDP-1 |

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SHEET 47-371

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|----------------------------------|
| -471526               | TRANSFORMER, RF: 10/31/45<br>RF output transf; two wnd, four pie wnd; rectangular aluminum shield can; rated 1055 millihenrys, coil #1 c/o 155 turns #20-44 ES wire per pie, coil #2 c/o 166 turns #20-44 ES wire per pie; 3 1/2" h x 1 7/16" lg x 1 7/16" wd o/a excluding term and mtg studs; adj slug cores w/scr adj at top and bottom of can; two mtg studs 1.312" c to c (diagonally); four solder lug term on bottom; fungicide lacquer treated, incl one 15 mmf capacitor and two 100 mmf silver mica capacitors.  |                     |        | 17-T-67569-7949        |                |                |                       | CWF  | US-80232                   | CWF        | US-80232 rev1               | RBU-2<br>RBV-2<br>RBW-3<br>RDP-1 |
| -471527               | TRANSFORMER, RF: 10/31/45<br>RF output transf; three wnd, two single layer wnd, one solenoid space wnd; rectangular aluminum shield can; inductance L1 rated 42 microhenrys p/m 5%, L2 rated 50 microhenrys p/m 5%, L3 rated 6.3 microhenrys p/m 5%, L1 and L2 min Q of 100 at 5 mc w/30 mmf cap; 3 1/2" h x 1 7/16" sq o/a excluding term and mtg studs; adj iron cores w/scr adj top and bottom; two mtg studs 1.312" c to c on diagonally opposite corners; five solder lug term on bottom; fungicide treated, incl two 10 mmf, and one 1000 mmf capacitors and one 330,000 ohm resistor, freq 5.25 mc.                         |                     |        |                        |                |                |                       | CWF  | US-80236                   | CWF        | US-80236 rev0               | RBU-2<br>RBV-2<br>RBW-3<br>RDP-1 |
| -471528               | RF TRANSFORMER: 10/31/45<br>RF output transf; 2 single layer wnd; rectangular metal shield can treated w/fungicide lacquer; L1 min Q 90 at 12 mc w/125 mmf capacitor, L2 min Q 85 at 12 mc w/165 mmf capacitor; L1 has 10 turns #32 AWG E wire, L2 has 8 turns #32 AWG E wire; case 3 1/2" lg x 1 7/16" wd x 1 7/16" h; powdered iron cores; adj iron core tuning for pri and sec; screw adj, 1 at top, 1 at bottom; two 9/32" lg mtg studs on 1.312" mtg/c; 4 solder lug term on bottom; stamped "T102-09" on shield; band pass, 30 mc p/m 250 kc, incl 10000 ohms resistance across pri and 5 mmf capacitor coupling pri to sec. |                     |        | 17-T-81688-4771        |                |                |                       | CWF  | US-80244                   |            |                             | RDP-1<br>RBU-2<br>RBW-3<br>RBV-2 |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                                  |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                                  |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-371

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SHEET 47-372

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO      | EQUIPMENT USED IN                |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|----------------------------------|----------------------------------|
| -471529               | TRANSFORMER, RF: 10/31/45<br>osc transf; 2 wnd, pie wnd; shielded rectangular aluminum can; #L1 rated 1050 microhenries p/m 5%, c/o 190 turns #36 S, E wire, tapped 30 turns, #L2 rated 9 millihenries p/m 10%, c/o 900 turns #36 S, E wire; 3 1/2" lg x 2" wd x 1 7/16" h, excluding term and mtg bolts; adj iron core; scdr adj at bottom of can; mts by two 9/32" lg spade bolts diagonally spaced 1 7/32" c to c; 6 solder lug term same end as mtg bolts; #2101-03 stamped top of can; impr, fungicide treated, incl 6 fixed mica, capacitors and 4 fixed comp resistors. |                     |        | 17-T-81600-3511        |                |                |                       | CMF        | US-10430 rev 2             | CMF        | US-10429<br>US-10430 rev 2       | RBV-2<br>RBV-2<br>RBW-3<br>RDP-1 |
| -471530               | TRANSFORMER, RF: 10/31/45<br>osc transf; two wnd, one layer wnd, one pie wnd; shielded rectangular aluminum can; L1 rated 31 microhenrys p/m 5%, c/o 52 turns #28 ES wire tapped at 11 turns, L2 rated 3.75 microhenrys p/m 10%, c/o 375 turns #36 ES wire; 3 1/2" h x 2" lg x 1 7/16" wd excluding term and mtg bolts; adj iron cores; scdr adj top and bottom of can; mts by two 9/32" lg spade bolts diagonally spaced 1 1/4" c to c; six solder lug term same end as mtg bolts; impr, fungicide treated, incl six fixed capacitors and four fixed resistors.               |                     |        | 17-T-81527-4411        |                |                |                       | CMF        | US-10341                   | CMF        | US-10431 rev 0                   | RBV-2<br>RBV-2<br>RBW-3<br>RDP-1 |
| -471531               | TRANSFORMER, IF: 10/31/45<br>peak freq 226 kc; input IF transf; shielded in rectangular aluminum can; 3 1/2" h x 1 7/16" sq o/a excluding term and mtg studs; tuned pri and sec; two adj iron cores w/scdr adj at top and bottom of can; two mtg studs 1.3125" c to c (diagonally); six solder lug term on bottom, two dummy; fungicide treated, impr, incl two 100 mmf p/m 10% silver mica capacitors, inductance of pri and sec to be 6200 microhenrys.  |                     |        | 17-T-67524-8149        |                |                |                       | CMF<br>CMF | US-80229<br>US-80233       | CMF<br>CMF | US-80229 rev 1<br>US-80233 rev 1 | RBV-2<br>RBV-2<br>RBW-3<br>RDP-1 |

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SHEET 47-373

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO      | EQUIPMENT USED IN                |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|----------------------------------|----------------------------------|
| -471532               | TRANSFORMER, IF: 10/31/45<br>peak freq 226 kc; shielded in rectangular aluminum can; 3 1/2" h x 1 7/16" sq o/a excluding term and mtg studs; tuned pri and secd; two adj iron cores w/secr adj at top and bottom of can; two mtg studs 1.312" c to c (diagonally); six solder lug term on bottom, two dummy; impr, fungicide treated, incl one 100 mmf p/m 10% and one 150 mmf p/m 10%, silver mica capacitors, pri rated 6200 microhenrys, secd rated 4300 microhenrys.                                   |                     |        | 17-T-67524-8164        |                |                |                       | OWF<br>OWF | US-80230<br>US-80234       | OWF<br>OWF | US-80230 rev 1<br>US-80234 rev 1 | RBV-2<br>RBV-2<br>RBW-3<br>RDP-1 |
| -471533               | TRANSFORMER, IF: 10/31/45<br>peak freq 912 kc; input IF transf; shielded in rectangular aluminum can; 3 1/2" h x 1 7/16" sq o/a excluding term and mtg studs; tuned pri and secd; two adj iron cores w/secr adj at top and bottom of can; two mtg studs 1.312" c to c (diagonally); six solder lug term on bottom, two dummy; impr, fungicide treated, incl two 82 mmf p/m 10% silver mica capacitors, pri rated 420 microhenrys, secd rated 420 microhenrys.  |                     |        | 17-T-67717-1912        |                |                |                       | OWF        | US-80237                   | OWF        | US-80237 rev 0                   | RBV-2<br>RBV-2<br>RBW-3<br>RDP-1 |
| -471534               | TRANSFORMER, IF: 11/5/45<br>peak freq 912 kc; output IF transf; shielded in rectangular aluminum can; 3 1/2" h x 1 7/16" sq o/a excluding term and mtg studs; tuned pri and secd; two adj iron cores w/secr adj at top and bottom of can; two mtg studs 1.312" c to c (diagonally); six solder lug term on bottom, two dummy; impr, fungicide treated, incl one 82 mmf p/m 10% silver mica capacitor, and one 100 mmf p/m 15% silver mica capacitor, pri rated 420 microhenrys, secd rated 310 microhenry. |                     |        | 17-T-67717-1937        |                |                |                       | OWF        | US-80238                   | OWF        | US-80238 rev 0                   | RBV-2<br>RBV-2<br>RBW-3<br>RDP-1 |

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NAVSHIPS 900,109(A)  
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SHEET 47-373

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SHEET 47-374

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471535               | TRANSFORMER, IF:<br>shielded in rectangular aluminum can; 3 1/2" h x 1 7/16" sq o/a excluding term and mtg studs; iron cores; tuned pri and sec; adj iron cores w/scdr adj at top and bottom of can; two mtg studs 1.312" c to c (diagonally); six solder lug term on bottom, two dummy; impr, fungicide treated, incl two 47 mmf fixed ceramic capacitors and one 24,000 ohms fixed composition resistor, pri Q is 95 at 7.5 mc w/82 mmf capacitance, sec Q is 95 at 7.5 mc w/82 mmf capacitance. | 11/5/45             |        |                        |                |                |                       | CWF | US-80242                   | CWF        | US-80242                    | RBV-2             |
|                       |  |                     |        |                        |                |                |                       | CWF | US-80243                   | CWF        | US-80243                    | RBV-2             |
|                       |  |                     |        |                        |                |                |                       | CWF | US-80246                   | CWF        | US-80246                    | RBV-3<br>RDP      |
| -471536               | COIL, RF:<br>RF choke; single wnd, single pie wnd; unshielded; rated 51 microhenrys at 1000 cyc, o/o 77 turns #36 SSE wire; 3/4" lg x 1/2" OD o/a excluding term; bakelite form, air core; form 3/4" lg x 7/32" OD; mtd by two wire lead axial term; glyptal coated.   | 10/31/45            |        | 16-C-73575-7689        |                |                |                       | CZE | 525-142                    | CZE        | 525-142 1eaA                | OBJ               |
| -471537               | COIL, RF:<br>RF choke; single wnd, five pie universal wnd; two crosses per turn LH wnd; unshielded; rated 40 millihenrys, o/o 475 turns per pie #34 ES wire 137 ohms DC resistance, freq zero to 40 kc; 1 1/16" OD x 2 31/64" lg o/a; textolite form 1/2" OD x 2 31/64" lg; mtg fl on base; two solder lug term; assem varnish impr.   | 11/1/45             |        | 16-C-75423-5758        | W16-C-13294-6  |                |                       | CG  | K-477460                   | CG         | K-477460 rev1               | DAS               |
| -471538               | COIL, RF:<br>RF choke; single wnd, universal LH wnd, one cross per turn; unshielded; rated 60 millihenrys w/core, freq zero to 40 kc, c/o 1800 turns #38 EC wire, 300 ohms DC resistance; 1 7/16" OD x 13/16" lg; iron core; mtd in molded insulation case; two solder lug term; potted in case.   | 11/1/45             |        | 16-C-75487-6059        |                |                |                       | CG  | K-357564-3                 | CG         | K-357564-3 rev9             | DAS               |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471539               | COIL, RF: 11/1/45<br>RF choke; single wnd, pyramid wnd; unshielded; rated 23 microhenrys at 1,000 cyc, 0.025 ohms DC resistance, c/o 42 turns #14 DC wire; 1 3/4" OD x 1" lg o/a excluding mtg stud; textolite form, air core; form 1/2" diam x 1" lg; single #8-32 thd mtg stud at one end of form; two solder lug term on same end as mtg stud; varnish impr.  |                     |        | 16-C-73342-1898        | N16-C-13158-30  |                |                       | CG  | K-44J352-1                 | CG         | K-44J352-1 rev2             | DAS               |
| -471540               | COIL, RF: 11/1/45<br>RF fil choke; single wnd, thirteen layer pyramid wnd; unshielded; rated 116 microhenrye, oper at 2.6 amp, 60 cyc, 0.217 ohm DC resistance; 1 15/32" OD x 1" lg o/a excluding mtg stud and term; coil form 1/2" diam x 1" lg; mtd by 1 1/8" lg x #6-32 thd screw through ctr of form; two solder lug term on phenolic strip.   |                     |        | 16-C-73807-6598        | N16-C-13176-3   |                |                       | CG  | K-44J653-2                 | CG         | K-44J653-2 rev2             | DAS               |
| -471541               | COIL, RF: 11/1/45<br>RF filter coil; single wnd, universal wnd, RH; unshielded; rated 7.5 millihenrys at 1000 cyc in air, 14.5 millihenrys at 100 kc c/o 990 turns #34 ES wire, 46 ohms DC resistance; 1 49/64" lg x 1 7/16" OD o/a; iron core, molded insulation form; adj iron core w/scr adj at one end; two 0.156" diam mtg holes 1.25" c to c; two solder lug term back of case; encased in molded plastic. |                     |        | 16-C-76765-2154        | N16-RT-81136-41 |                |                       | CG  | K-43J683-1                 | CG         | K-43J683-1 rev1             | DAS               |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | HPQR       | MANUFACTURER'S PART NUMBER | CONTRACTOR               | CONTRACTOR'S DWG OR PART NO                                     | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|--------------------------|---|-------------------|
| -471542               | COIL, RF: 11/2/45<br>RF choke; single wnd, five pie wnd; unshielded; rated 40 millihenrys, c/o 500 turns 0.010" diam E wire per pie; 6 11/32" lg x 2 15/16" h x 2 1/4" wd o/a; form 3/4" OD x approx 4 1/2" lg; two mtg posts, one ea end w/1/4"-20 thd hole 5 1/16" c to c; two term on mtg bkt; impr.                                 |                     |        | 16-C-73492-8998        |                |                |                       | CG         | ML-7471448-1               | CG                       | M-7471448-1 rev1  | TDP-1             |
| -471543               | COIL, RF: 11/2/45<br>RF choke; single wnd, four pie wnd; unshielded; rated 13.5 millihenrys, c/o 230 turns 0.010" diam EDC wire per pie, 50 ohms total DC resistance; 1 1/2" OD x 3" lg o/e excluding mtg bkt; form 3/4" OD x 3" lg; two mtg bkt, one ea end w/one 0.221" diam hole in ea 2 3/8" c to c; term on mtg bkt; impr.         |                     |        | 16-C-75199-6709        |                |                |                       | CG         | ML-7490990-1               | CG                       | M-7470990-1 rev3  | TDP-1             |
| -471544               | CHOKE, RF: 11/2/45<br>RF filter coil; single wnd, 3 pie wnd, duolateral wnd; unshielded; 1 millihenry, 300 ma max, 10 ohms DC resistance 1.5 mf distributed cap; 2 23/32" lg x 1/2" OD, o/a; isolantite form, air core; 2 23/32" lg x 1/4" OD form; one #6-32 thd x 3/8" mtg hole 1 end of form; 2 wire lead terms; wax impr.           |                     |        | 16-C-74391-6137        | N16-C-13158-2  |                |                       | CNA<br>CFW | R3004<br>P1-1008           | CBZ<br>CKV<br>CDE        | F1-1008<br>A-63201-3 rev A<br>A-2789-B                          | TCS-6 (3)<br>TDT  |
| -471545               | COIL, RF: 11/2/45<br>RF choke coil; single wnd, pie wnd; unshielded in bakelite case; rated 0.022 millihenrys at 1000 cyc, 30 amp, 0.020 ohms DC resistance, c/o 55 turns #12E wire; 1 5/8" lg x 1 3/8" OD o/a excluding term and mtg plate; bakelite form, air core; mte by one #10-32 thd machine screw and hex nut; two solder term. |                     |        | 16-C-73330-9466        |                |                |                       | CML        | 416A-1                     | CBZ<br>CBZ<br>COL<br>CBP | SA-1426 1aeB4<br>CL-10077 1ee0<br>572 0416 10<br>SA-1426AK 1eeC | TCS-6(2)          |
| -471546               | SUPPRESSOR, parasitic: 11/2/45<br>resistor and coil; 8 turns #18 bare tinned wire wnd on a 47 ohms p/m 20%, 1w resistor; uncased; mtd by axial wire term; two pigtail term; wax covered.  |                     |        | 16-C-73330-9466        |                |                |                       | CIH        | SA-1549                    | CBZ                      | SA-1549 cbg0  | TCS-6(2)          |
|                       |   |                     |        |                        |                |                |                       |            |                            |                          |   |                   |
|                       |   |                     |        |                        |                |                |                       |            |                            |                          |   |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-376

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SHEET 47-377

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO                 | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR              | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                             |
|-----------------------|---|---------------------|--------|------------------------|--------------------------------|----------------|-----------------------|-------------------|----------------------------|------------|-----------------------------|---|
| -471547               | COIL, TUBE DEFLECTION: 11/2/45<br>c/o 4 coils enol in cylindrical bakelite case; rated 21 millihenries at 1000 cyc, ea coil c/o 1000 turns of #36 wire w/21.5 ohms DC resistance; 2.622" OD x 1 5/8" ID x 1 19/32" lg o/a; mts by two plug-in type prong term 2.184" c to c; potted in bakelite case.           |                     |        | 16-C-78173-9201        | N16-C-14675-9                  |                |                       | CRP               | 92-5369                    | CRP        | W92-5369 sub 1              | VH<br>VJ<br>TCS-8                             |
| -471548               | COIL, RF: 11/8/45<br>RF filter coil; single wnd, single layer wnd; unshielded; rated 62 millihenrys p/m 5%, c/o 1700 turns #36 ES wire; 1" lg x 1 1/8" OD o/a; bakelite form; adj powdered iron core; two #6-32 thd mtg hole 7/8" c to c; two solder lug term on base.  |                     |        | 16-C-75501-1907        | N16-C-13160-17                 |                |                       | CAQK              | A-106                      | CFE        | 35.363 issC                 | DAS-1<br>DAS-3                                |
| -471549               | SUPPRESSOR, parasitic: 11/7/45<br>coil and resistor; 5/8" lg x 1/2" OD o/a excluding term; coil rated 17.4 microhenrys, c/o 51 turns #31 SSE wire, resistor rated 1/2w, 2000 ohms p/m 5%; mtd by two wire lead axial term, ea 1 1/2" lg; varnished.   |                     |        | 16-C-89756-2406        | N16-H-493-28                   |                |                       | CAWH              |                            | CRP        | 892-5191                    | SG  |
| -471550               | COIL, RF: 11/8/45<br>RF fil choke; single wnd, single layer wnd; unshielded; rated 0.3 microhenrys, c/o 9 turns #20 SE wire; 7/8" lg x 9/32" OD o/a excluding term; fibre form, air core; 9/32" OD x 7/8" lg form; mtd by two wire lead term, ea 1 1/4" lg; dipped in glyptal.                                  |                     |        | 16-C-71985-2013        |                                |                |                       | CZB<br>CND<br>CFN | CL-1004                    | CZB        | CL-1004 revA                | BL-1(4)<br>BL-2(4)                            |
| -471551               | COIL, RF: 11/8/45<br>RF fil choke; single wnd, single layer wnd; unshielded; rated 1.84 microhenrys, c/o 25 turns #24 SE wire less than 1 ohm DC resistance; 1 1/8" lg x 5/16" OD o/a excluding term; phenol form, air core; form 1 1/8" lg x 5/16" OD; mtd by two wire lead term, ea 2" lg; dipped in glyptal. |                     |        | 16-C-72845-7554        | N16-RC-17650<br>N16-C-13151-25 |                |                       | CAK<br>CZB        | CL-1008                    | CZB        | CL-1008 revA                | BL-1<br>BL-3(5)<br>BL-4(6)<br>thru<br>BL-6(6) |
| -471552               | REACTOR: 11/1/45<br>CANCELLED: use NT-303572.   |                     |        |                        |                                |                |                       | CQJ               | RF-106                     | CQJ        | 4507-61 issB                | AN/UPT-T3                                     |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----------|----------------------------|------------|-----------------------------|-------------------|
| -471553               | COIL, RF: 11/5/45<br>RF choke; single wnd, universal wnd; unshielded; rated 100 microhenrys p/m 10%, 250v, c/o 118 turns #36 ES wire; 1/2" OD x 7/16" lg o/a excluding term; form 7/32" OD x 7/16" lg; mtd by two wire leads, ea 1 1/2" lg; impr and coated w/fungicide.  |                     |        | 16-C 73731-7923        |                |                |                       | CFW<br>CG | K-7102208-5                | CG         | K-7102208-5 rev4            | MK-35             |
| -471554               | COIL, RF: 11/5/45<br>RF choke; single wnd, progressive universal wnd; unshielded; rated 1.3 microhenrys p/m 2%, wnd w/#36 E wire; 0.1886" OD x 5/8" lg o/a excluding term; bakelite form 3/16" OD x 5/8" lg; mtd by two wire lead term, ea 1 1/2" lg; impr and coated w/chlorinated phenol type fungicide.          |                     |        | 16-C-72801-4176        |                |                |                       | CFW<br>CG | K-7110937-1                | CG         | K-7110937-1 rev2            | MK-35             |
| -471555               | COIL, RF: 11/5/45<br>RF choke; single wnd, progressive universal wnd; unshielded; rated 2.6 microhenrys p/m 2%, wnd w/#36 E wire; 0.1886" OD x 5/8" lg o/a excluding term; bakelite form 3/16" OD x 5/8" lg; mtd by two wire lead term, ea 1 1/2" lg; impr and coated w/chlorinated phenol type fungicide.          |                     |        | 16-C-72888-6293        |                |                |                       | CFW<br>CG | K-7110937-2                | CG         | K-7110937-2 rev2            | MK-35             |
| -471556               | COIL, RF: 11/5/45<br>RF choke; single wnd, progressive universal wnd; unshielded; rated 3.0 microhenrys p/m 2% at 80 ma, wnd w/#34 E wire; 0.1886" OD x 5/8" lg o/a excluding term; bakelite form 3/16" OD x 5/8" lg; mtd by two wire lead term, ea 1 1/2" lg; impr and coated w/chlorinated phenol type fungicide. |                     |        | 16-C-72909-4169        |                |                |                       | CFW<br>CG | K-7110937-3                | CG         | K-7110937-3 rev2            | MK-35             |
| -471557               | COIL, RF: 11/5/45<br>RF choke; single wnd, progressive universal wnd; unshielded; rated 3.4 microhenrys p/m 2%, wnd w/#36 E wire; 0.1886" OD x 5/8" lg o/a excluding term; bakelite form 3/16" OD x 5/8" lg; mtd by two wire lead term, ea 1 1/2" lg; impr and coated w/chlorinated phenol type fungicide.          |                     |        | 16-C-72933-1001        |                |                |                       | CFW<br>CG | K-7110937-4                | CG         | K-7110937-4 rev2            | MK-35             |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-378

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SHEET 47-379

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----------|----------------------------|------------|-----------------------------|-------------------|
| -471558               | COIL, RF: 11/5/45<br>RF choke; single wnd, progressive universal wnd; unshielded; rated 3.6 microhenrys p/m 2%, wnd w/#36 E wire; 0.1886" OD x 5/8" lg o/a excluding term; bakelite form 3/16" OD x 5/8" lg; mtd by two wire lead term, ea 1 1/2" lg; impr and coated w/chlorinated phenol type fungicide.           |                     |        | 16-C-72941-4176        |                |                |                       | CFW<br>CG | K-7110937-5                | CG         | K-7110937-5 rev2            | MK-35             |
| -471559               | COIL, RF: 11/5/45<br>RF choke; single wnd, progressive universal wnd; unshielded; rated 4.4 microhenrys p/m 2% at 100 ma, wnd w/#34 E wire; 0.1886" OD x 5/8" lg o/a excluding term; bakelite form 3/16" OD x 5/8" lg; mtd by two wire lead term, ea 1 1/2" lg; impr and coated w/chlorinated phenol type fungicide. |                     |        | 16-C-72971-8201        |                |                |                       | CFW<br>CG | K-7110937-6                | CG         | K-7110937-6 rev2            | MK-35             |
| -471560               | COIL, RF: 11/5/45<br>RF choke; single wnd, progressive universal wnd; unshielded; rated 5.2 microhenrys p/m 2%, wnd w/#36 E wire; 0.1886" OD x 5/8" lg o/a excluding term; bakelite form 3/16" OD x 5/8" lg; mtd by two wire lead term, ea 1 1/2" lg; impr and coated w/chlorinated phenol type fungicide.           |                     |        | 16-C-72989-6293        |                |                |                       | CFW<br>CG | K-7110937-7                | CG         | K-7110937-7 rev2            | MK-35             |
| -471561               | COIL, RF: 11/5/45<br>RF choke; single wnd, progressive universal wnd; unshielded; rated 6.2 microhenrys p/m 2%, wnd w/#36 E wire; 0.1886" OD x 5/8" lg o/a excluding term; bakelite form; 3/16" OD x 5/8" lg; mtd by two wire lead term, ea 1 1/2" lg; impr and coated w/chlorinated phenol type fungicide.          |                     |        | 16-C-73035-4210        |                |                |                       | CFW<br>CG | K-7110937-8                | CG         | K-7110937-8 rev2            | MK-35             |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-379

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SHEET 47-380

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|-----------------|----------------|-----------------------|-----------|----------------------------|------------|-----------------------------|-------------------|
| -471562               | COIL, RF: 11/5/45<br>RF choke; single wnd, single pie wnd; unshielded; rated 2.5 millihenrys nom, 2.12 millihenrys min, 2.87 millihenrys max, 75 ma. max; c/o 438 turns #388S wire; 1 1/4" lg x 11/16" lg x 3/8" wd o/a excluding scdr adj and term; moulded insulation form 1 1/4" lg x 11/16" wd x 3/8" h o/a; adj iron core w/scdr adj at one end of coil; mtd by 5/16"-18 thd bushing; two solder peg term; baked to obtain glass hard finish, finish w/non-mercuric fungicide.   |                     |        | 16-C-76742-5375        |                 |                |                       | CFW<br>CG | M-7475974                  | CG         | M-7475974 rev0              | MK-35             |
| -471563               | SUPPRESSOR, parasitic: 11/7/45<br>resistor and coil; 0.625" lg x 0.1989" diam o/a excluding term; coil rated 12 mic ohm ys, c/o 92 turns #36FANG wire on 220 ohms, 1/2w resistor NT-63360-221; mtd by two wire lead term.   |                     |        | 16-S-89748-3512        |                 |                |                       | CG        | NL-7109743-3               | CG         | K-7109743-8 rev6            | MK-36             |
| -471564               | OSCILLATOR TUNING AND COUPLING ASSEMBLY: 11/14/45<br>tuning and coupling; o/p single wnd slug tuned coil and 2 capacitors in shield can; rectangular zinc shield can; freq range 580 to 720 kc, coil rated 389 microhenries w/o core or shield, 1 capacitor 75 mmf p/m 10%, other 100 mmf p/m 20%; 1 13/32" wd x 1 3/16" h x 2" lg, less term and mtg studs; mts by two #6-32 x 5/16" lg mtg studs 1 1/16" c to c on bottom of can; mfr type #12701 stamped on can; four 11/32" lg solder lug term on 3/4" x 5/8" centers on bottom of can, slug tuned by scdr adj. |                     |        | 16-C-76504-9650        | N16-RT-81132-40 |                |                       | CFW       | 12701                      | CEZ        | SA-7157-A issA-2            | YJ<br>YJ-1        |
|                       |   |                     |        |                        |                 |                |                       |           |                            |            |                             |                   |
|                       |   |                     |        |                        |                 |                |                       |           |                            |            |                             |                   |
|                       |   |                     |        |                        |                 |                |                       |           |                            |            |                             |                   |
|                       |   |                     |        |                        |                 |                |                       |           |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-380

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SHEET 47-381

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWS OR SPEC. NO. | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWS OR PART NO | EQUIPMENT USED IN     |
|-----------------------|--|-----------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-----------------------|
| -471565               | VARIOMETER: 11/14/45<br>variometer; 2 wnd, stator and rotor ea 2 sect, rotor universal wnd; unshielded; stator 258 turns #24 SE wire ea sect 14.50 millihenries max, 14.10 millihenries min, rotor 126 1/2 turns #24 SE wire ea sect 3.85 millihenries max, 3.75 millihenries min, assem inductance 24.3 to 24.9 millihenries max, 11.0 to 11.5 millihenries min, 18 ohms DC resistance; 7" lg x 4" OD, o/a; lem phenolic form, air core; adj coupling between stator and rotor; protruding shaft adj; mtg fl ea end, 4 mtg holes 0.375" diam, ea fl 21/32" x 2 1/2" spacing; four #6-32 thd screw term, adj side; coated w/polystyrene. |                       |        | 17-T-84179-5901        |                |                |                       | CRV  | W-303333-0501<br>rev 5     |            |                             | NMB-1                 |
| -471566               | COIL, RF: 11/16/45<br>RF filter coil; single wnd, four pie wnd; unshielded; rated 0.5 millihenry, 200 ma, 1500v, 11.0 ohms DC resistance; 1 1/2" lg x 7/16" OD o/a excluding term; air core, ceramic form 1 1/2" lg x 1/4" OD; mtd by two ferrule type term.   |                       |        | 16-C-74155-8507        |                |                |                       | CNM  | 4531                       | CRP        | A114527 rev0                | AN/MPN-1A             |
| -471567               | COIL, RF: 11/16/45<br>RF filter coil; single wnd, layer wnd; unshielded; rated 1 millihenry, o/o 12 turns #24 wire, 0.03 ohms DC resistance; 1 5/16" lg x 9/16" OD o/a excluding term; phenolic form; adj iron core w/secdr adj at one end of core; bushing mtg; two solder lug term on side of case.  |                       |        | 16-C-76325-4879        | N16-T-18511    |                |                       | CRP  | AA115144-1                 | CRP        | AA115144-1 1see0            | AN/MPN-1A<br>AN/GEN-2 |
| -471568               | COIL, RF: 11/5/45<br>retardation coil; single wnd, layer wnd; unshielded; rated 95 microhenrys min, 105 microhenrys max at 300 kc, c/o 125 turns #40E wire, 21 ohms DC resistance; 1" OD x 1 5/32" lg o/a excluding term; phenol plastic form; one 5/32" mtg hole in one end of form; two solder lug term on base.   |                       |        | 16-C-73751-8215        | N16-C-13274-87 |                |                       | CW   | D-172543                   | CW         | BA-111498 1ee1              | SS                    |
|                       |  |                       |        |                        |                |                |                       |      |                            |            |                             |                       |
|                       |  |                       |        |                        |                |                |                       |      |                            |            |                             |                       |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-381

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SHEET 47-382

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                          |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|--|
| -471569               | COIL, RF: 11/5/45<br>retardation coil; single wnd, layer wnd; unshielded; rated 76 microhenrys min, 84 microhenrys max, at 300 kc, c/o 112 turns #39E wire, 14 ohms DC resistance; 1" OD x 1 5/32" lg o/a excluding term; phenol plastic form; one 5/32" mtg hole in one end of form; two solder lug term on base.                |                     |        | 16-C-73677-4403        | N16-C-13274-8  |                |                       | CW  | D-172544                   | CW         | BA-111498 1ss1              | SS   |
| -471570               | COIL, RF: 11/8/45<br>RF filter coil; single wnd, single layer wnd; unshielded; rated 1.25 microhenrys, c/o 22 turns #28E wire, less than 1 ohm DC resistance; 0.274" OD x 1" lg o/a excluding term; form 1/4" OD x 1" lg; mtd by two wire lead term perpendicular to form.  |                     |        | 16-C-72797-1910        | N16-RC-17616   |                |                       | CHZ | CL-5001                    | CHZ        | CL-5001 revB                | BK<br>ABK (11)<br>thru<br>ABK-7 (11)       |
| -471571               | COIL, RF: 11/8/45<br>RF choke; single wnd, single layer wnd; unshielded; rated 1.33 microhenrys, c/o 11 turns #14E wire; 1 5/16" lg x 0.628" OD o/a excluding term; air core, open coil; form used for wnd was 1/2" OD x 1 5/16" lg; mtd by two wire lead term ea 1/2" lg; coated w/clear glyptal cement.                         |                     |        | 16-C-72085-4205        | N16-C-13151-5  |                |                       | CHZ | CL-5002                    | CHZ        | CL-5002 revD                | BK<br>BK-1<br>ABK (4)<br>thru<br>ABK-7 (4) |
| -471572               | SUPPRESSOR, parasitic: 11/9/45<br>resistor and coil; 2 3/16" lg x 1/2" max OD o/a excluding term; coil c/o 21 turns #14DC wire, wnd on resistor, rated 100 ohms, 2w; uncased; mtd by washer term and grid cap clip; two pigtail type term; one lead w/saturated sleeving.   |                     |        | 16-S-89889-2805        | N16-N-493      |                |                       | CRV | W-303085-187               | CRV        | W-303085-187<br>rev16       | QCJ-6<br>QCJ-7<br>QCJ                      |
| -471573               | TRANSFORMER, RF: 11/9/45<br>four wnd, four pie wnd; unshielded; rated 82.5 p/m 2.5 millihenrys, c/o four coils, two NT-47830, one NT-47838, one CBM-869-150; 2 15/16" lg x 1 1/2" OD o/a; bakelite form; adj metal slug w/sldr adj one end of coil; bushing mtd; five solder term, three on one end, two on opposite end of form. |                     |        | 16-S-63520-6461        |                |                |                       | CBB | 1008-3008                  | CBB        | 1008-3008 alt1              | WFA (4)                                    |

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SHEET 47-382

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SHEET 47-383

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471574               | SUPPRESSOR, parasitic: 11/9/45<br>coil and resistor; 9/16" lg x 17/32" OD o/a excluding term; coil rated 0.500 millihenrys, c/o 285 turns #46ES wire, 4.6 ohms DC resistance, resistor rated 1.5 meg, 1w; mtd by two wire, lead axial term; glyptal coated.  |                     |        | 16-S-89810-7802        |                |                |                       | CG  | ML-7467918-1               | CG         | M-7467918-1 rev1            | MK-11             |
| -471575               | COIL, RF: 11/9/45<br>coupling coil; single wnd; shielded in rectangular zinc shield; tuning range 580 to 720 kc, Q is 79 at 750 kc, 7.1 ohms DC resistance, rated 389 microhenrys w/o core; 2 5/16" lg x 1 3/16" wd x 1 13/32" h o/a; adj powdered iron core w/scr adj at one end of can; two #6-32 thd mtg studs 1 1/8" c to c; four solder lug term end of can, one dummy; lacquered, c/o one capacitor rated 100 mmf, 500v, one capacitor rated 75 mmf, 500v. |                     |        |                        | HL6-C-18650-1  |                |                       | CFW | 12700                      | CHE        | SA-7156 revA-1              | YJ                |
| -471576               | TRANSFORMER, IF; 11/14/45<br>peak freq 912 kc; input IF transf; shielded in rectangular metal can; 2 1/2" h x 3/4" sq o/a excluding term and mtg studs; tuned pri and sec; two adj iron cores w/scr adj at top and bottom of can; two #4-40 thd mtg studs 13/16" c to c; four solder lug term on bottom; incl two 56 mmf capacitors.   |                     |        | 17-T-67716-8636        |                |                |                       | CFW | 13873                      | CIA        | NSA-64 chg 0                | DBN               |

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SHEET 47-384

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN     |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-----------------------|
| -471577               | TRANSFORMER, IF:<br>peak freq 912 kc; output IF transf; shielded in rectangular metal can; 2 1/8" h x 3/4" sq o/a excluding term and mtg studs; tuned pri and secd; two adj iron cores w/scdr adj at the top and bottom of can; two #4-40 thd mtg studs 13/16" c to c; four solder lug term on bottom; incl two 56 mlf capacitors.     | 11/14/45            |        | 17-T-67716-7993        |                 |                |                       | CFW  | 13874                      | CIA        | NSA-65 chg 0                | DEN                   |
| -471578               | COIL, RF:<br>RF filter coil; single wnd, four pie wnd; unshielded; rated 10 millihenrys, 500 ma, 50 ohms DC resistance oper voltage 500v, 1,000v ins test; 5/8" OD x 1 7/8" lg o/a excluding term; ceramic core and form 3/8" OD x 1 7/8" lg; mtd by two wire lead term, ea 1 3/4" lg; wax impregnated.                                | 11/15/45            |        | 16-C-75122-8327        | N16-C-13156-175 |                |                       | CFT  | CE-126-B                   | CRR        | A113033 rev0                | AN/MFN-1A             |
| -471579               | COIL, RF:<br>RF filter coil; single wnd, single layer close wnd; unshielded; rated 1 millihenry, c/o 13 turns #26 E wire, 0.059 ohms DC resistance; 9/16" OD x 1 5/16" lg o/a excluding term; phenolic form; adj silver pl brass core w/scdr adj at one end of form; bushing mt ; two solder lug term on form.                         | 11/15/45            |        | 16-C-76346-7252        | N16-T-18512     |                |                       | CRR  | A115145-1                  | CRR        | A115145-1 1ee0              | AN/MFN-1A<br>AN/GFN-2 |
| -471580               | COIL, RF:<br>choke; one wnd, single layer close wound; unshielded; one microhenry, 0.016 ohms DC resistance, nine turns #22 E wire; approx 1 5/16" lg x 23/32" diam o/a incl term; silver pl brass core, bakelite form; adj iron core; scdr adj on bushing end of form; 7/32" lg x 15/64" diam bushing for mtg; two solder lug term on | 11/15/45            |        | 16-C-76718-4502        |                 |                |                       | CRR  | A113923                    | CRR        | A113923 1ee 0               | AN/MFN-1A             |
|                       |  |                     |        |                        |                 |                |                       |      |                            |            |                             |                       |
|                       |  |                     |        |                        |                 |                |                       |      |                            |            |                             |                       |
|                       |  |                     |        |                        |                 |                |                       |      |                            |            |                             |                       |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-384

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SHEET 47-385

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN     |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-----------------------|
| -471581               | SUPPRESSOR, parasitic: 11/15/45<br>coil and resistor; 7/8" lg x 7/16" OD o/a excluding term; coil rated 20 microhenrys, c/o 45 turns #26SDS wire, 15 ma, 0.224 ohms DC resistance, 150v, resistor rated 1w, 1800 ohms, self-resonant at 26.5 mc p/m 2%; uncase; mtd by 2 wire lead axial term; varnished.  |                     |        | 16 S-89763-7760        | N16-N-464-500  |                |                       | CRR  | AA114459-1                 | CRR        | AA114459-1 iss D            | AN/MPN-1A             |
| -471582               | SUPPRESSOR, parasitic: 11/16/45<br>coil and resistor; 1 25/32" lg x 5/8" OD o/a excluding term; coil rated 3 microhenrys, 8 turns #12 wire space wnd, on a 50 ohm vitreous enameled non-inductance resistor; uncase; mtd by two radial tab term.   |                     |        | 16-S-89707-1280        | N16-N-490-50   |                |                       | COM  | P-300                      | CRR        | A113034 rev 0               | AN/MPN-1A             |
| -471583               | COIL, RF: 11/16/45<br>RF filter coil; single wnd, layer wnd; unshielded; rated 45 microhenrys, c/o 133 turns #36E wire, 10 ma, 220v, 3 ohms DC resistance, resonates at 3.3 mc p/m 3% w/capacity of 50 mmf after varnish application; 3/4" lg x 5/16" OD o/a excluding term; phenolic form air core 3/4" lg x 5/16" OD; mtd by two wire leads axial term; varnished. |                     |        | 16-C-75439-9274        | N16-C-13190    |                |                       | CRR  | AA115220-1                 | CRR        | AA115220-1 rev A            | AN/MPN-1A<br>AN/GPN-2 |
| -471584               | COIL, RF: 11/15/45<br>RF filter coil; single wnd, single layer wnd; unshielded; rated 5.0 microhenrys p/a 2%, c/o 51 turns p/m 5 turns of #30EC wire; 3/4" lg x 1/4" OD o/a excluding term; dummy resistor form 3/4" lg x 3/16" OD; mtd by two wire lead axial term; tropicalized.   |                     |        | 16-C-72987-3422        |                |                |                       | CACT | S-112                      | CBN        | 1000A-309 alt 0             | SU-2                  |
| -471585               | COIL, RF: 11/16/45<br>RF filter coil; single wnd, single layer close wnd; unshielded; rated 3 millihenrys at 10 mc; c/o 67 turns #32E wire; 5/16" OD x 3/4" lg o/a excluding term; phenolic form 1/4" OD x 3/4" lg; mtd by two wire lead axial term; varnished.<br>NOTE: AN/MPN-1A (8); AN/GPN-2 (9).  |                     |        | 16-C-74768-6425        | N16-C-13191    |                |                       | CRR  | AA-109277-1                | CRR        | AA-109277-1<br>rev C        | SEE NOTE              |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                       |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

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SHEET 47-386

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN         |
|-----------------------|---|---------------------|--------|------------------------|-----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|---------------------------|
| -471586               | SUPPRESSOR, parasitic: 11/16/45<br>coil and resistor; 7/8" lg x 7/16" OD o/a excluding term; coil c/o 33 turns #28 AWG EDS wire, 0.192 ohms DC resistance, 150v, 15 ma, resistor rated 1500 ohms p/m 5%, 1v, self-resonant at 3 1/2 mc p/m 2%; uncased; mtd by 2 wire lead axial term; varnished, pie wai.  |                     |        | 16-B-89912-7283        | N16-R-464       |                |                       | CRR  | AA115148-1                 | CRR        | AA115148-1 188 C            | AN/MPN-1A                 |
| -471587               | COIL, RF: 11/16/45<br>pulse line indicator; single wnd CT, two pie wnd; unshielded; rated 600 microhenrys at 1 kc p/m 2% per pie, c/o 196 turns #36 ES wire per pie, 8 ohms DC resistance; 1 1/2" lg x 7/16" OD o/a excluding term; bakelite form, air core; form 1 1/2" lg x 1/4" OD; mtd by two wire lead axial term, ea 1 1/2' lg; treated with Harvel varnish.    |                     |        | 16-C-74211-2257        | N16-C-1317-500  |                |                       | CFM  | A113394                    | CRR        | A113394 188 A               | AN/MPN-1A                 |
| -471588               | COIL, RF: 11/16/45<br>RF filter coil; single wnd, three pie wnd; shielded in rectangular metal can; rated 300 microhenrys, 25 ma, c/o 95 turns #7-42 Litz wire per pie, 8 1/2 ohms DC resistance; 2 1/8" h x 1 3/8" lg x 1 3/8" wd o/a excluding term; wnd on bakelite form, air core; four holes on 15/16" sq mtg/c; two solder lug term on bottom; varnish treated. |                     |        | 16-C-74047-5908        |                 |                |                       | CRR  | AC62493-1                  | CRR        | AC62493-1 188B              | AN/MPN-1A                 |
| -471589               | COIL, RF: 11/16/45<br>RF filter coil; single wnd, four pie wnd; shielded in rectangular metal can; rated 4 microhenrys, 50 ma, 300v, c/o 250 turns #34 wire per pie; 2 1/8" h x 1 3/8" lg x 1 3/8" wd o/a excluding term; four holes on 15/16" sq mtg/c; two solder lug term on bottom; varnish treated.  |                     |        | 16-C-72964-7841        | N16-C-13171-400 |                |                       | CRR  | AC62493-2                  | CRR        | AC62493-2 188B              | AN/MPN-1A (3)<br>AN/CPN-2 |
| -471590               | COIL, RF: 11/16/45<br>RF filter coil; single wnd, four pie wnd; shielded in rectangular metal can; rated 4 millihenrys, 300v, 200 ma, c/o 240 turns #30 wire per pie, 20 ohms DC resistance; 2 1/8" h x 1 3/8" lg x 1 3/8" wd o/a excluding term; four holes on 15/16" sq mtg/c; two solder lug term on bottom; varnish treated.                                      |                     |        | 16-C-74934-3532        | N16-C-13171-500 |                |                       | CRR  | AC62493-3                  | CRR        | AC62493-3 rev B             | AN/MPN-1A (3)             |
|                       |   |                     |        |                        |                 |                |                       |      |                            |            |                             |                           |
|                       |   |                     |        |                        |                 |                |                       |      |                            |            |                             |                           |

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NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-386

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWE OR SEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWE OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|--------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471591               | COIL, RF: 11/19/45<br>RF filter coil; single wnd, layer wnd; unshielded; rated 5.5 microhenrys p/m 2 $\frac{1}{2}$ , c/o 56 turns p/m 5 $\frac{1}{2}$ #30 EC wire, 0.367 ohms DC resistance; 3/4" lg x 0.2755" OD o/a excluding term; dummy resistor form 3/4" lg x 1/4" OD; mtd by two wire lead pigtail term, ea 1 1/2" lg; tropicalized.  |                    |        | 16-C-73008-4606        |                |                |                       | CFM  |                            | CFM        | 1000A-319 alt1              | SU-2              |
| -471592               | COIL, RF: 11/19/45<br>RF filter coil; single wnd; unshielded; rated 4.9 microhenrys, c/o 51 turns #30E wire, 338 ohms DC resistance; 3/4" lg x 0.2755" OD o/a excluding term; dummy resistor form 3/4" lg x 1/4" OD; mtd by two wire lead pigtail term, ea 1 1/2" lg; tropicalized.  | *                  |        | 16-C-72986-5043        |                |                |                       | CFM  |                            | CFM        | 1000A-318 alt1              | SU-2              |
| -471593               | IF TRANSFORMER: 11/23/45<br>peak freq 80 kc; 1st IF transf; shielded; 6 5/8" lg x 3 33/64" diam less adj screws; 2 adj magnetite iron cores; 4 wnd, all tuned; adj iron core tuning w/sodr adj at top and at bottom; mts by 2 holes 5/32" diam w/fixed nuts on bottom 2 5/8" c to c; 8 solder lug term; c/o 4 wnd, 2 w/4 sect ea, 100 turns of 30 strands of 0.002" diam E wire in ea sect, 1 wnd 100 turns of 30 strands of 0.002" diam E wire, and 1 wnd 22 turns of 30 strands of 0.002" diam E wire; two 750 mmf capacitors. |                    |        | 17-T-67453-6755        | N16-T-6149-11  |                |                       | CBV  | W-303264-P26<br>rev 12     |            |                             | QCJ-8<br>QCL-7    |

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SHEET 47-388

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                     |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|---------------------------------------|
| -471594               | IF TRANSFORMER: 11/23/45<br>peak freq 80 kc; 2nd IF transf; shielded; 4 5/32" lg x 1 11/16" wd x 1 7/16" d less adj screws; 2 magnetite iron cores; tuned pri and secd; adj iron core tuning w/secdr adj ea end; mts by two 5/8" lg x 1/8" diam spade type mtg studs 1 5/16" c to c; 4 solder tab term on bottom of can; pri and secd ea 570 turns<br>7 strands #42 E wire, incl two 750 mmf, and one 500 mmf capacitors.                               |                     |        | 17-T-67453-3504        | N16-T-6149-7   |                |                       | CRV | W-303269-P114<br>sub 5     |            |                             | QCJ-8<br>QCL-7                        |
| -471595               | IF TRANSFORMER: 11/23/45<br>peak freq 80 kc; 3rd IF transf; shielded; 4 3/16" lg x 1 21/32" wd x 1 7/16" d less adj screws; 2 magnetite iron cores; tuned pri and secd; adj iron core tuning w/secdr adj ea end; mts by two 5/8" lg x 1/8" diam spade type mtg studs 1 5/16" c to c; 5 solder tab term on bottom of can; pri and secd ea 570 turns<br>7 strands #42 E wire, incl two 750 mmf capacitors, one 220000 ohms and one 120000 ohms resistors. |                     |        | 17-T-67453-3514        | N16-T-6149-9   |                |                       | CRV | W-303269-P113<br>sub 5     |            |                             | QCJ-8<br>QCL-7                        |
| -471596               | COIL, RF: 11/27/45<br>RF filter coil; single wnd, pyramid wnd; unshielded; rated 20 millihenrys p/m 10%, c/o 122 turns #18 EDS wire, 0.193 ohms DC resistance; 2 3/16" lg x 1 1/2" OD o/a excluding term; air core; form 2 3/16" lg x 1/2" OD; one tapped mtg hole 1/2" d in ea end of form; two wire lead term; wax treated.   |                     |        | 16-C-75296-7468        | N16-C-13021-50 |                |                       | CFT | RF-1633-1                  | CFT        | RF-1633-1 1aaA              | DAK-2(4)<br>thru<br>DAK-4(4)<br>DAH-2 |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                                       |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                                       |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                                       |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-388

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SHEET 47-389

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN              |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|--------------------------------|
| -471597               | COIL, tube deflection: 11/27/45<br>CANCELLED: same as NT-303563.   |                     |        | 16-C-77144-2001        | N16-C-14650    |                | 3C388                 | CFT  | NL-41203-1                 | CFT        | NL-41203-1 revG             | DAK-2<br>DAK-4<br>DAH<br>DAH-2 |
| -471598               | COIL, RF: 11/28/45<br>filter coil; single wnd, single layer wnd; unshielded; rated 3 millihenrys, 0.084 amp, 150v, c/o 42 turns of #29 copper wire, 0.3 ohms DC resistance; 3/4" lg x 1/4" OD o/a excluding term; bakelite form, air core; form 3/4" lg x 3/16" OD; mtd by two wire lead axial term; coated w/tufon and covered w/clear extruded tubing.           |                     |        | 16-C-74773-7409        |                |                |                       | CRB  | AS-1486                    | CRB        | AS-1486 1stE                | LAF-1(8)<br>LAF-2(4)           |
| -471599               | COIL, RF: 11/28/45<br>filter coil; single wnd, universal wnd; unshielded; rated 140 p/m 3/8 microhenrys, c/o 105 turns #20 EC wire, 0.257 p/m 3/8 ohms DC resistance; 1 3/4" lg x 1 1/8" OD o/a excluding term; bakelite form, air core; form 1 3/4" lg x 1/2" OD; one #6-32 thd mtg hole one end; two wire lead term; cerese wax coated.                          |                     |        | 16-C-73858-3578        |                |                |                       | CFT  | F-35069-1                  | CFT        | F-35069-1 revD              | DAH(4)                         |
| -471600               | SUPPRESSOR, parasitic: 11/19/45<br>capacitor and coil; 7/16" lg x 0.269" diam excluding term; rated 12 microhenrys, c/o 21 1/2 turns #22E wire close wnd on 45 mmF 500 vdcw capacitor; uncased; mtd by term; two axial wire term at ends; varnish covered.<br>NOTE: AN/MEN-1A(12).   |                     |        |                        | N16-N-463      |                |                       | CRR  | AA109279-2                 | CRR        | AA109279-2 revD             | SEE NOTE                       |
| -471601               | COIL, RF: 11/19/45<br>RF choke coil, third video coupling assem; single wnd, honey comb wnd; unshielded; rated 250 microhenrys, 2.1 ohms DC resistance, c/o 138 turns #34 BS wire; 5/8" OD x 21/32" lg o/a; air core, lam phenolic form 3/8" OD x 21/32" lg; one 5/32" diam mtg hole one end of form; two wire leads; green spot one end of form; halo wax dipped. |                     |        | 16-C-75669-7561        |                |                |                       | CRZ  | CL-1102                    | CRZ        | CL-1102 rev0                | AN/UPM-1<br>AN/UPM-1B          |

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SHEET 47-389

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR         | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                   |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-------------|----------------------------|------------|-----------------------------|-------------------------------------|
| -471602               | COIL, RF: 11/19/45<br>RF choke coil, third video coupling assem; single wnd, honey comb wnd; unshielded; rated 750 microhenrys, 9.4 ohms DC resistance, c/o 275 turns #34 ES wire; 5/8" OD x 2 1/32" lg o/a; lam phenolic form and core 3/8" OD x 2 1/32" lg; one 5/32" diam mtg hole one end of form; two wire leads; red spot one end of form; halo wax dipped.                     |                     |        | 16-C-75753-8137        |                |                |                       | GBZ         | CL-1103                    | GBZ        | CL-1103 rev0                | AN/UFM-1<br>AN/UFM-1B               |
| -471603               | COIL, RF: 11/19/45<br>RF choke coil, second video coupling assem; single wnd, honey comb wnd; unshielded; rated 360 microhenrys, 6 ohms DC resistance, c/o 175 turns #34 ES wire; 5/8" OD x 2 1/32" lg o/a; lam phenolic form and core 3/8" OD x 2 1/32" lg form; one 5/32" diam mtg hole one end of form; two wire leads; yellow spot end of form; halo wax dipped.                  |                     |        | 16-C-75719-1883        |                |                |                       | GBZ         | CL-1101                    | GBZ        | CL-1101 rev0                | AN/UFM-1<br>(2)<br>AN/UFM-1B<br>(2) |
| -471604               | COIL, RF: 11/20/45<br>retardation coil; one wnd, duolateral wnd; shielded, cylindrical metal can; ea coil rated 155 microhenrys, c/o 105 turns #34 E wire, total 390 microhenrys, 8.1 ohms DC resistance; 1 15/16" lg x 1 3/8" OD excluding term and mtg studs; phenol fibre tube, air core; two 0.164"-32 thd x 9/16" lg mtg studs 7/8" c to c; three solder term on bottom; potted. |                     |        | 16-C-74092-1651        | 16-C-13171-39  |                |                       | CW          | D-170416                   | CW         | BL-110736 iss1              | MK-13 Mod0<br>MK-22 Mod1            |
| -471605               | COIL, RF: 11/24/45<br>damping choke; single wnd, ten pie; unshielded; rated 500 microhenrys p/m 10%, 2.25 ohms DC resistance, c/o 340 turns total #24 SCE wire, 34 turns per pie; 5 15/16" lg x 1 5/16" OD; porcelain form, air core; 5 15/16" lg x 3/8" OD form; mta by ferrule type term each end; vacuum impr.   |                     |        | 16-C-74182-9506        |                |                |                       | CACY<br>CRP | 92-5204-2                  | CRP        | W92-5204 sub 2              | SG                                  |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN  |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|--------------------|
| -471606               | COIL, RF: 11/28/45<br>RF filter coil; single wnd, four pie, universal wnd; unshielded; rated 9.8 millihenrys, 3.5 ohms DC resistance, c/o 670 turns #20 EC wire; 5 11/16" lg x 3 11/16" OD o/a; bakelite form, air core; 5 9/16" lg x 1 1/2" OD form; mtd by two clips, mtg holes 0.189" diam, 3" c to c; two solder term, one ea end; wax impr.  |                     |        | 16-C-75056-9049        |                |                |                       | CFT | F-35875-2                  | CFT        | F-35875-2                   | DAH(2)<br>DAH-2(2) |
| -471607               | TRANSFORMER, RF: 12/5/45<br>RF transf; 2 end, universal wnd; unshielded; sec'd rated 1212 microhenries at 1000 cyc, c/o 290 turns #12-44 DS Litz wire, 13.0 ohms DC resistance, pri rated 16.7 microhenries at 1000 cyc, c/o 30 turns #12-44 DS Litz wire, 1.1 ohms DC resistance, freq range 250 kc to 610 kc; pri CT; 7/8" OD x 1 1/8" lg, o/a; air core, bakelite form; 1/2" OD x 1 1/8" lg form; one #6-32 tapped mtg hole 1 end of form; 5 term, 4 solder term diametrically spaced on form and CT term; impr w/Halowax. |                     |        | 17-T-81923-1783        |                |                |                       | CFT | F-34980-3-1                | CFT        | F-34980-3 rev B             | DAH (2)            |
| -471608               | TRANSFORMER, RF: 12/5/45<br>RF transf; two wnd, universal wnd; unshielded; sec'd rated 206 microhenrys at 1000 cyc, c/o 115 turns #12-44 DS Litz wire, 4.3 ohms DC resistance, pri rated 16.7 microhenrys at 1000 cyc, 30 turns #12-44 DS Litz wire, CT, 1.1 ohms DC resistance, freq range 610 kc to 1500 kc; 7/8" OD x 1 1/8" lg o/a; air core, bakelite form; 1/2" OD x 1 1/8" lg; one #6-32 tapped mtg hole 1 end of form; 5 term, 4 solder term diametrically spaced on form and CT; impr w/Halowax.                     |                     |        | 17-T-81923-1785        |                |                |                       | CFT | F-34980-3-2                | CFT        | F-34980-3 rev B             | DAH(2)             |
| -471609               | TRANSFORMER, RF: 12/5/45<br>RF transf; two wnd, universal wnd; unshielded; pri rated 184.5 microhenrys at 1000 cyc, c/o 115 turns #12-44 DS Litz wire, 4.1 ohms DC resistance, sec'd rated 16.7 microhenrys at 1000 cyc, c/o 30 turns #12-44 DS Litz wire, 1.1 ohms DC resistance, freq range 610 to 1500 kc; 7/8" OD x 1 1/8" lg o/a; air core, bakelite form 1/2" OD x 1 1/8" lg; one #6-32 tapped mtg hole one end of form; four solder term diametrically spaced on form; impr w/Halowax.                                 |                     |        | 17-T-81923-1793        |                |                |                       | CFT | F-34980-3-3                | CFT        | F-34980-3 rev B             | DAH                |

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NAVSHIPS 900,109(A)  
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SHEET 47-391

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SHEET 47-392

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471610               | <p>TRANSFORMER, RF: 12/5/45</p> <p>RF transf; two wnd, universal wnd; unshielded; pri rated 1102 microhenrys at 1000 cyc, c/o 290 turns #12-44 DS Litz wire, 11.8 ohms DC resistance, sec rated 16.7 microhenrys at 1000 cyc, c/o 30 turns #12-44 DS Litz wire, 1.1 ohms DC resistance, freq range 250 to 610 kc; 7/8" OD x 1 1/8" lg o/a; air core, bakelite form 1/2" OD x 1 1/8" lg; one #6-32 tapped mtg hole one end of form; four solder term diametrically spaced on form; impr v/halowax.</p> |                     |        | 17-T-81923-1791        |                |                |                       | CFT | F-34980-3-4                | CFT        | F-34980-3 revB              | DAH               |
| -471611               | <p>COIL, RF: 12/5/45</p> <p>RF filter coil; single wnd, universal wnd; unshielded; rated 141.3 microhenrys at 1000 cyc, c/o 115 turns #12-44 DS Litz wire tapped at 30 turns, 3.4 ohms DC resistance; 7/8" OD x 1 1/8" lg o/a; air core, bakelite form 1/2" OD x 1 1/8" lg; one #6-32 tapped mtg hole one end of form; four solder term diametrically spaced on form; impr v/halowax.</p>   |                     |        | 16-C-73860-8240        |                |                |                       | CFT | F-34980-3-5                | CFT        | F-34980-3 revB              | DAH               |
| -471612               | <p>COIL, RF: 12/5/45</p> <p>RF filter choke; single wnd, universal wnd; unshielded; rated 592.9 microhenrys at 1000 cyc, c/o 200 turns #12-44 DS Litz wire tapped at 60 turns, 8.8 ohms DC resistance; 7/8" OD x 1 1/8" lg o/a; air core, bakelite form 1/2" OD x 1 1/8" lg; one #6-32 tapped mtg hole one end of form; four solder term diametrically spaced on form; impr v/halowax.</p>  |                     |        | 16-C-74203-8941        |                |                |                       | CFT | F-34980-3-6                | CFT        | F-34980-3 revB              | DAH               |
| -471613               | <p>TRANSFORMER, RF: 12/5/45</p> <p>RF osc transf; two wnd, universal wnd; unshielded; pri c/o 82 turns #10-41 S Litz wire, 2.02 ohms DC resistance, sec c/o 160 turns #10-41 S Litz wire, 4.20 ohms DC resistance rated 715.0 microhenrys at 1000 kc, Q of 160 at 250 kc; 1 3/4" lg x 1 1/4" wd x 2 7/16" h o/a; powdered iron core, bakelite form 1/2" OD x 1 1/2" lg o/a; two 0.169" holes 1 15/16" mtg/c; four solder posts; impr v/halowax.</p>   |                     |        | 17-T-81966-4140        |                |                |                       | CFT | F-42452-3-1                | CFT        | F-42452-3 revF              | DAH               |

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NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-392

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SHEET 47-393

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------|
| -471614               | RF TRANSFORMER: 12/5/45<br>RF transf; 2 wnd, 2 pie wnd; unshielded; 204 microhenries p/m 3 microhenries inductance at 1000 cyc, pri 50 turns of #10-41 SS Litz wire, 1.16 ohms DC resistance, secd 82 turns of #10-41 SS Litz wire, 1.85 ohms DC resistance; 1 3/4" wd x 1 5/16" h x 2 7/16" lg, o/a; bakelite form, powdered iron core; adj powdered iron core; scdr adj in front; mtg fl w/two 0.169" diam mtg holes 1 15/16" c to c; term strip w/4 solder lug term on top; ckt symbol L-602 stamped on term strip; wax impr.  |                     |        | 17-T-82451-1156        |                |                |                       | CFT<br>CFT | F-42452-3-2<br>F-42452-3F  |            |                             | DAH               |
| -471615               | TRANSFORMER, RF: 12/5/45<br>RF osc transf; two wnd, layer wnd; unshielded; secd rated 51.5 p/m 0.7 microhenries at 1000 cps, 1.27 ohms DC resistance, min Q is 170 at 1150 kc, pri c/o 27 turns #7-41 S Litz wire, 0.77 ohms DC resistance, secd c/o 50 turns #7-41 S Litz wire; 1 3/4" lg x 1" wd x 2 7/16" h o/a; bakelite form, powdered iron core; mtg fl w/two 0.169" diam mtg holes 1 15/16" c to c; term strip w/four solder lug term on top; wax impr.  |                     |        | 17-T-82444-2624        |                |                |                       | CFT        | F-42452-3-3                | CFT        | F-42452-3 revF              | DAH               |
| -471616               | RF TRANSFORMER: 11/30/45<br>input RF transf; 2 wnd, 4 pie universal wnd, 2 pies ea wnd; cylindrical #10 ga seamless copper tubing shield; freq response 23 kc, pri #1 and #2 ea rated 0.06 to 0.075 millihenries, secd #1 and #2 ea rated 73.9 to 77.4 millihenries, pri #1 and #2 ea c/o 63 turns #7X7-38 Litz wire, 0.25 ohms DC resistance, 126 turns total pri wnd, secd #1 and #2 ea c/o 2290 turns #36 ES wire, 205 to 220 ohms DC resistance, 4580 turns total secd wnd; 2.244" diam x 3" lg, can lg only excludes all attachments affixed to can in lg plane; bakelite form, air core; ext built-in trimmer capacitor; scdr adj on top of capacitor; mtg fl w/4 mtg holes 1 15/16" x 1 15/16" mtg/c; 4 solder lug term; coils in pri connected in series and coils in secd connected in series, coils collodian impr. |                     |        | 17-T-81723-8243        | N16-T-5930     |                |                       | CBM        | 810-3003                   | CBM        | 810-3003 alt 0              | NE-1              |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-393

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SHEET 47-394

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER       | Com. TRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN          |
|-----------------------|--|--------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------------|--------------|-----------------------------|----------------------------|
| -471617               | TRANSFORMER, RF: 12/5/45<br>RF transf; two wnd, two pie wnd; unshielded; oper freq 200 to 500 kc, pri c/o 86 turns #10-41 Litz wire, 1.85 ohms DC resistance, secd c/o 156 turns #10-41 Litz wire, 3.80 ohms DC resistance, Q is 140 at 250 kc; 2 3/8" lg x 1" wd x 2 3/8" h c/o; powdered iron core; adj iron core w/scdr adj at side; two mtg ft w/one hole in ea 1 15/16" c to c; four solder post term; wax impr.  |                    |        | 17-T-82156-1761        | N16-T-7199-128 |                |                       | CFT        | RF-1411-3-1                      | CFT          | RF-1411-3-1 revJ            | DAK thru<br>DAK-4<br>DAK-2 |
| -471618               | COIL, RF: 11/29/45<br>phase shift choke; one wnd, universal wnd; shielded, rectangular aluminum can; rated 30 millihenrys at 1,000 cycles, 100 ma DC, c/o 1,190 turns #36 ES wire, 82 ohms DC resistance; 1 1/2" h x 1 7/16" eq case excluding mtd studs; iron core; two mtg studs 1 5/16" c to c on bottom; two solder lug term on bottom of coil form in can; balowax impr, term strip on top of can.  |                    |        | 16-C-75375-1973        |                |                |                       | CDB<br>CFT | CH-1284<br>Modified<br>F-35218-1 | CFT          | F-35218-1 198B              | DAH                        |
| -471619               | TRANSFORMER, IF: 11/29/45<br>175 kc peak freq; IF transf, interstage; shielded in rectangular metal can; 1 7/8" lg x 1 7/16" wd x 4 1/2" h excluding term and mtg studs; air core; pri and secd tuned; variable air capacitor across ea wnd; two #6-32 thd x 1/2" lg mtg studs 1 3/8" c to c; four flex wire lead term out bottom; pri and secd ea rated 7 millihenries, 74.5 ohms DC resistance, 305 micro-henries mutual inductance scdr adj made on top of can. |                    |        | 17-T-67509-3601        |                |                |                       | CFW        | 51751                            | CFT          |                             | DAE(2)                     |
| -471620               | TRANSFORMER, IF: 11/29/45<br>175 kc peak freq; IF transf, diode; shielded rectangular metal can; 1 7/8" lg x 1 7/16" wd x 4 1/2" h excluding mtg studs; air core; pri and secd tuned; variable air capacitor across ea wnd; two #6-32 thd x 1/2" lg mtg studs 1 3/8" c to c; four solder lug term on bottom; pri and secd ea c/o 81.6 turns of #38 ES wire, 74.5 ohms DC resistance, rated 7 millihenries w/mutual inductance of 279 millihenries.                 |                    |        | 17-T-67509-3581        |                |                |                       | CFW        | 51752                            | CFT          |                             | DAH                        |

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SHEET 47-394

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SHEET 47-395

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A B O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                              |
|-----------------------|---|---------------------|--------|------------------------|-----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|--|
| -471621               | TRANSFORMER, RF:<br>11/29/45<br>BFO transf; one wnd, shielded, rectangular metal can; rated 4.86 millihenrys, tapped at 71.6 microhenrys, c/o 508.5 turns #36SE wire tapped at 63.5 turns, 41.3 ohms DC resistance; 4 1/2" h x 1 7/8" lg x 1 7/16" wd less term and mtg studs; air core; mts by two #6-32 thd 1/2" lg studs 1 3/8" c to c; three solder term.   |                     |        | 16-C-74859-5302        |                 |                |                       | CFW  | 12423                      | CFT        |                             | DAH  |
| -471622               | COIL, RF:<br>11/30/45<br>RF choke; single wnd four pie, duolateral wnd; unshielded; rated inductance 2.2 millihenrys at 0.25 amp, 18.5 ohms DC resistance, four pies wnd as follows 180-195-210-240, total 825 turns of #33ES wire; 1 1/2" lg x 5/8" OD o/s; ceramic form, air core w/1" lg x 1/4" OD form; mtd by two axial wire lead term from nickel plated caps on ends of form.  |                     |        | 16-C-74594-2674        | N16-C-13244     |                |                       | CAWN | CI-12                      | COL        | 240 0008 00 rev0            | TCB (2)<br>TDN-2 (4)<br>TDN-3 (4)<br>TDN-4 (4) |
| -471623               | COIL, RF:<br>11/30/45<br>RF choke; single wnd, five pie duolateral wnd; unshielded; rated 1 millihenry p/m 10% at 10v, 1,000 cyc, at 0.6 amp DC, 6.0 ohms DC resistance, c/o five pies wnd as follows, 110/60/70/60/110 turns, total 410 turns #28 wire; 3 9/16" lg x 1 1/8" diam excluding term; air core, ceramic form 1/2" diam x 3" lg; two mtg ft, two mtg holes 29/32" c to c on end of coil; three solder term, two on end of coil, one 27/32" from end of coil; wax impr. |                     |        | 16-C-74399-1737        | N16-C-13167-250 |                |                       | CAWN | CI-21                      | COL        | 240 2600 00 rev0            | TCB<br>TCB-1<br>TCB-2                          |
| -471624               | COIL, RF:<br>11/19/45<br>RF choke; one wnd, universal wnd; unshielded; rated 250 microhenrys p/m 10% inductance, c/o 82 turns #38ES wire, 10.36 ohms DC resistance 0.020 amp max; 5/8" lg x 1/2" OD; air core, phenolic form 5/8" lg x 3/16" OD; mtd by two 1 1/2" lg axial wire lead term; choke color-coded, red, green, brown and gold dots; tropicalized.   |                     |        | 16-C-73997-5900        | N16-N-461       |                |                       | CFW  | 13144                      | CRP        | S92-5177 1ee5               | SG   |
|                       |   |                     |        |                        |                 |                |                       |      |                            |            |                             |  |
|                       |   |                     |        |                        |                 |                |                       |      |                            |            |                             |  |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-395

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SHEET 47-396

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471625               | COIL, RF: 11/19/45<br>RF choke; one wnd, universal wnd; unshielded; rated inductance 100 microhenrys p/m 5%, 0.02 amp; c/o 116 turns #38 ES wire, 3.8 ohms DC resistance; 5/8" lg x 1/2" diam approx; mica filled phenolic; 5/8" lg x 5/16" OD; mtd by two axial wire leads 1 1/2" lg; tropicalized, coil color coded w/brown, black, brown, gold dots in that order. |                     |        | 16-C-73736-4253        |                |                |                       | CFW  | 13138                      | CRP        | S92-5178 1ea 4              | SG                |
| -471626               | COIL, RF: 11/19/45<br>RF choke; one wnd, single pie wnd; unshielded; rated inductance 60 microhenrys p/m 5%, max current 0.050 amp, c/o 101 turns #36ES wire, 3 ohms DC resistance; 5/8" lg x 3/8" diam; phenolite dummy resistor form; mtd by two axial wire leads 1 1/2" lg; tropicalized, coil color coded w/dots, blue, black, black, gold in that order.         |                     |        | 16-C-73594-9524        |                |                |                       | CFW  | 13797                      | CRP        | S92-5308-1 1ea 1            | SG                |
| -471627               | COIL, RF: 11/19/45<br>RF choke; one wnd, universal wnd; unshielded; rated inductance 75 microhenrys p/m 5%, c/o 104 turns #36ES wire, 3.59 ohms DC resistance; 7/16" lg x 1/2" approx OD; dummy resistor forms 3/16" diam x 7/16" lg; mtd by two axial wire leads 1 1/2" lg; wax impr.  |                     |        | 16-C-73651-7311        |                |                |                       | CFW  | 13472                      | CRP        | S92-5209 rev0               | SG                |
| -471628               | COIL, RF: 11/19/45<br>RF choke; one wnd, single pie wnd; unshielded; rated inductance 500 microhenrys p/m 10%, c/o 246 turns #38SNE wire, 17.69 ohms DC resistance; 15/32" lg x 1/2" diam o/a; phenolite dummy resistor form; 15/32" lg x 7/32" diam; mtd by two axial wire lead term 1 1/2" lg; varnished, green dot on coil form.                                   |                     |        | 16-C-74128-9655        |                |                |                       | CFW  | 13473                      | CRP        | S92-5222 1ea 1              | SG                |
| -471629               | SUPPRESSOR, parasitic: 11/30/45<br>c/o resistor and coil; 3/4" lg x 5/16" diam o/a; rated inductance 3 microhenrys, 0.07 ohms DC resistance, c/o 32 turns #24E magnetic wire, wnd on 1w carbon resistor 1,000 ohms resistance; uncoated; mtd by two pigtail axial wire leads; wnd varnish treated.  |                     |        | 16-S-89728-6355        |                |                |                       | CAN  | 817675                     | CAN        | 817675 rev0                 | QFA-5<br>QFA-6    |

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NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

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SHEET 47-397

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471630               | COIL, RF: 11/30/45<br>RF coil; single wnd, toroidal wnd; unshielded; rated 89 millihenrys, 8.4 ohms DC resistance, c/o 736 turns #29 Formax wire, CT as 368 turns, under 0.5 amp, 300v operating; 1 1/4" OD x 3 9/16" lg o/a; powdered iron core; mtd by four #5 x 40 thd x .25" d holes in end plate; three wire lead term; wax treated.  |                     |        | 16-C-75564-5092        |                |                |                       | CAN | 816907                     | CAN        | 816907 rev0                 | QFA-5<br>QFA-6    |
| -471631               | TRANSFORMER, RF: 12/5/45<br>RF trans; two wnd single layer wnd w/seed wnd over pri; unshielded; pri rated 130 microhenrys p/m 4%, c/o 88 turns of #34ES wire w/Q of 74 at 700 kc, pri CT, secd rated 24.3 microhenrys p/m 4%, c/o 33 turns #34ES wire, Q of 58 at 1,400 kc, oper freq 700 kc; air core; 2.406" lg x 1" OD coil dimen excluding mtg foot and term; one 0.128" diam mtg hole in ea mtg foot, 1 5/8" c to c; five solder lug term around coil form; wax impr. |                     |        | 17-T-81925-5225        |                |                |                       | CFT | RF-313-1                   | CFT        | RF-313-1 revE               | DAH-2             |
| -471632               | TRANSFORMER, IF: 12/3/45<br>650 kc peak freq; input IF trans; shielded in metal can; 1 7/16" lg x 1 7/16" wd x 3 1/2" h excluding term and mtg studs; pri and secd tuned; two adj iron cores; two mtg studs 5/16" lg, 1 5/16" c to c; six solder lug term on bottom; schr adj on top and on bottom of coil.  |                     |        | 17-T-67698-9571        |                |                |                       | CPN | L-1072                     | CPN        | P2-1234 rev C               | RCD               |
| -471633               | TRANSFORMER, IF: 12/3/45<br>1300 kc peak freq; IF trans; shielded in eq metal can; 1 7/16" lg x 1 7/16" wd x 3 1/2" h excluding term and mtg lugs; tuned pri and secd; two adj iron cores; two 5/16" lg mtg studs 1 5/16" c to c; six solder lug term on bottom; pri and secd identical and rated 105 millihenrys, incl three capacitors.  |                     |        | 17-T-67740-5526        |                |                |                       | CPN | L-1066                     | CPN        | P2-1234 rev C               | RCD               |

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NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-397

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SHEET 47-398

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471634               | TRANSFORMER, IF: 12/3/45<br>1300 kc freq response; IF tranef; shielded in eq metal can; 1 7/16" lg x 1 7/16" wd x 3 1/2" h excluding term and mtg studs; pri and secd tuned; two adj iron cores; two 5/16" lg mtg studs 1 5/16" c to c; six solder lug term on bottom; scdr core adj made at top and bottom of case.  |                     |        | 17-T-67740-5531        |                |                |                       | CFN  | L-1007                     | CFN        | P2-1234 rev C               | RCD               |
| -471635               | COIL, RF: 12/3/45<br>beat freq osc coil; single wnd, universal wnd; shielded, rectangular aluminum can; rated inductance 510 microhenrys, freq response 433 kc, c/o 170 turns #36 ES wire tapped at 45 turns, 10.5 ohms DC resistance; 3 1/2" h x 1 7/16" eq case excluding term and mtg studs; bakelite coil form; adj iron core w/ocdr adj one end of can; two 5/16" lg mtg studs 1 5/16" c to c on opposite corners; six solder lug term on same end as mtg; wax impr. |                     |        | 16-C-76693-4907        |                |                |                       | CFN  | L-1068                     | CFN        | P2-1234 revC                | RCD               |
| -471636               | TRANSFORMER, IF: 12/4/45<br>650 kc peak freq; IF tranef; shielded, eq metal can; 1 7/16" lg x 1 7/16" wd x 3 1/2" h excluding term end mtg studs; pri and secd tuned; two adj iron cores; two 5/16" lg mtg studs 1 5/16" c to c; six solder lug term on bottom; pri/secd rated 375/375 millihenries, 3.2/3.2 ohms DC resistance.  |                     |        | 17-T-67698-9976        |                |                |                       | CFN  | L-1074                     | CFN        | P2-1234 rev C               | RCD               |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-398

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471637               | TRANSFORMER, IF: 12/4/45<br>650 kc peak freq; IF interstage transfr; shielded, eq metal can; 1 7/16" lg x 1 7/16" wd x 3 1/2" h excluding mtg studs and term; tuned pri and sec'd; two adj iron cores; two 5/16" lg mtg studs 1 5/16" c to c; six solder lug term on bottom; pri/sec'd rated 325/375 millihenries, 3/3.2 ohms DC resistance.   |                     |        | 17-T-67698-9556        |                |                |                       | CPN | L-1073                     | CPN        | P2-1234 rev C               | RCD               |
| -471638               | TRANSFORMER, RF: 12/4/45<br>osc composite coil; single wnd, universal wnd; shielded, rectangular metal shield; rated 765 milli-henrys at 1,000 cps, c/o 190 turns #36SS wire, 10.3 ohms DC resistance tapped at 68 and 33 turns, ckt tuned to 1,950 p/m 500 kc; 2" lg x 1 7/16" wd x 3 1/2" h excluding mtd studs and term; form 1 1/4" lg x 1/2" diam; adj iron core w/sldr adj on top; two mtg studs on bottom 1 21/32" c to c; six solder lug term on bottom. |                     |        |                        |                |                |                       | CPN | L-1071                     | CPN        | L-1071 rev0                 | RCD               |
| -471639               | TRANSFORMER, RF: 12/4/45<br>RF transfr; three wnd, three pie wnd; shielded, rectangular aluminum can; rated 570/270/850 milli-henrys at 1,000 cyc, freq response 800 to 1,800 kc; 2" lg x 1 7/16" wd x 3 1/2" h excluding term and mtg studs; iron core; form 2 13/16" lg x 1/2" diam; three built-in trimmer capacitors w/three sldr adj on side of case; two mtg studs 1 21/32" c to c on opposite corners; four solder lug term on bottom.                    |                     |        | 17-T-81424-2913        |                |                |                       | CPN | L-1069                     | CPN        | L-1069 rev0                 | RCD               |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

**RESTRICTED**

SHEET 47-400

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S D C OR PART NO | EQUIPMENT USED IN   |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|---------------------|
| -471640               | TRANSFORMER, RF: 12/4/45<br>RF transf; three wnd, three pie wnd; shielded, rectangular aluminum can; rated inductance 570/270/850 millihenrys, DC resistance of 9.5/6/11.5 ohms, freq response 800 to 1800 kc; 3 1/2" h x 2" lg x 1 7/16" wd excluding term and mtg studs; iron core; form 2 13/16" lg x 1/2" diam; three built-in ceramic trimmer capacitors w/three sldr adj on side of case; two mtg studs 1 21/32" c to c on opposite corners; four solder lug term on bottom.   |                     |        | 17-T-81424-2306        |                |                |                       | CPN  | L-1070                     | CPN        | L-1070 rev0                 | RCD                 |
| -471641               | TRANSFORMER, IF: 12/4/45<br>800 to 1800 kc freq range; broad IF coil; shielded rectangular metal can; 2" lg x 1 7/16" wd x 3 1/2" h o/a excluding term and mtg studs; iron core; triple tuned; three variable ceramic trimmers; two mtg studs 1 21/32" c to c in opposite corners; four solder lug term on bottom; wax impr, incl four resistors, three ceramic capacitor trimmers w/adj on side of can, pri/ sec/ test rated 350/ 270/ 850 millihenrys, 7.5/ 6/ 11.5 ohms DC resistance, at 650 kc w/iron core Q of pri is 80 w/152.8 mmr, Q of secd is 75 w/198.5 mmf, Q of test wnd is 80 to 85 w/51 mmf. |                     |        | 17-T-67740-5601        |                |                |                       | CPN  | L-1065                     | CPN        | L-1065 rev0                 | RCD                 |
| -471642               | TRANSFORMER, IF: 12/4/45<br>455 kc oper freq; unshielded; 1.781" lg x 7/8" diam o/a; air core; no integral mtg provisions supplied; four wire lead term; coils wax impr, pri rated 700 microhenrys, 9.3 ohms DC resistance, secd rated 469 microhenrys, 17.6 ohms DC resistance, mutual inductance at 1000 cyo 53 microhenrys.   |                     |        | 17-T-17608-1721        | N16-T-6090     |                |                       | CPT  | F-35992-3-5                | CPT        | F-35992-3 revU              | DA2<br>DAU<br>DAU-1 |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                     |

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NAVSHIPS 900,109(A)  
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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO       | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN          |
|-----------------------|--|---------------------|--------|------------------------|----------------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|----------------------------|
| -471643               | TRANSFORMER, IF: 12/4/45<br>peak freq 455 kc; in'eretage; unshielded; 1.78" lg x 0.877" diam o/s; air core, ceramic form; two wnd, pri inductance 700 microhenrys at 1 kc, 9.3 ohms DC resistance, 210 turns #5-40 Litz wire, seed 469 microhenrys at 1 kc, 17.6 ohms DC resistance, 170 turns #38 DSE wire, mutual inductance 166 microhenrys at 1 kc; mts by term; four wire lead term; wax impr.  |                     |        |                        | <del>N16-T-691</del> |                |                       | CPT  | F-35992-3-6                | CPT        | F-35992-3 revU              | DAQ                        |
| -471644               | TRANSFORMER, RF: 12/5/45<br>RF transf; two wnd, two pie wnd; unshielded; pri o/o 50 turns #10-41 S Litz wire, 1.20 ohms DC resistance, seed o/o 80 turns #10-40 SS Litz wire, 1.95 ohms DC resistance, Q of 140 at 700 kc, oper freq 500 to 1000 kc; 2 3/8" lg x 1" wd x 2 3/8" h o/s; powdered iron core; adj iron core w/sodr adj on side; two mtg plate holes 1 15/16" c to c, 0.169" diam holes; four solder post term on top; wax impr. |                     |        |                        | N16-T-7199-123       |                |                       | CPT  | RF-1411-3-2                | CPT        | RF-1411-3-2 revJ            | DAK thru<br>DAK-4<br>DAK-2 |
| -471645               | RF TRANSFORMER: 12/5/45<br>RF transf; 2 wnd, 2 pie wnd; unshielded; pri 28 turns #7-41 Litz wire, 0.95 ohms DC resistance, seed 51 turns #7-41 Litz wire, 1.5 ohms DC resistance, oper freq 1000 to 2000 kc; 2 3/8" lg x 2 3/8" wd x 1" h, o/s; powdered iron core; adj iron core; sodr adj on side; mtg plate holes 1 15/16" c to c, 0.169" diam holes; 4 solder lug term on top; ckt symbol stamped on bkt; wax impr.                      |                     |        | 17-T-82180-1761        | N16-T-7199-126       |                |                       | CPT  | RF-1411-3-3<br>rev J       |            |                             | DAK thru<br>DAK-4<br>DAK-2 |
|                       |  |                     |        |                        |                      |                |                       |      |                            |            |                             |                            |
|                       |  |                     |        |                        |                      |                |                       |      |                            |            |                             |                            |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

**RESTRICTED**

SHEET 47-402

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN          |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|----------------------------|
| 471646                | TRANSFORMER, RF: 12/5/45<br>RF transf; three wnd, three pie wnd; unshielded; pri c/o 86 turns #10-40 Litz wire, 1.85 ohms DC resistance, secd #1, c/o 156 turns #10-40 Litz wire, 3.80 ohms DC resistance, Q of 140 at 250 kc, secd #2 c/o 23 turns #10-40 Litz wire, 0.45 ohms DC resistance, oper freq 200-500 kc; 2 3/8" lg x 1" wd x 2 3/8" h o/a; adj iron core w/scdr adj on side; two mtg plate holes 1 15/16" c to c, 0.169" diam holes; six solder lug term on top; wax impr.   |                     |        | 17-T-82156-2549        | N16-T-7199-127 |                |                       | CFT | RF-1411-3-4                | CFT        | RF-1411-3-4 revJ            | DAK thru<br>DAK-4<br>DAH-2 |
| 471647                | TRANSFORMER, RF: 12/5/45<br>RF transf; three wnd, three pie wnd; unshielded; pri c/o 50 turns #10-41 Litz wire, 1.2 ohms DC resistance, secd #1, c/o 80 turns #10-41 Litz wire, 1.95 ohms DC resistance w/Q of 140 at 700 kc, secd #2 c/o 13 turns #10-41 Litz wire, 0.32 ohms DC resistance, oper freq 500 to 1,000 kc; 2 3/8" lg x 1" wd x 2 3/8" h o/a; adj iron core w/scdr adj on side; two 0.169" diam mtg holes 1 15/16" c to c; six solder lug term on top; wax impr.  |                     |        | 17-T-82165-2550        | N16-T-7199-125 |                | 3C1084K-61            | CFT | RF-1411-3-5                | CFT        | RF-1411-3-5 revJ            | DAK thru<br>DAK-4<br>DAH-2 |
| 471648                | TRANSFORMER, RF: 12/5/45<br>RF transf; three wnd, coil A and B pie wnd, coil C single layer wnd; unshielded; pri coil A c/o 82 turns #10-41 Litz wire, 2.02 ohms DC resistance, secd #1 coil B c/o 160 turns #10-41 Litz wire, 4.20 ohms DC resistance, secd #2 coil C c/o 14 turns #10-41 Litz wire, 0.36 ohms DC resistance, secd #1 rated 780 microhenrys at 1000 cyc p/m 10 microhenrys, Q equals 160 at 250 kc; 2 7/16" h x 2" wd x 1 1/4" thk o/a; powdered iron core; mtg by bkt w/0.169" diam hole in ea 1 15/16" c to c; six solder lug term on top; Zophar wax impr. |                     |        | 17-T-82065-3189        |                |                |                       | CFT | F-42452-3-4                | CFT        | F-42452-3-4<br>revE         | DAH                        |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-402

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SHEET 47-403

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471649               | TRANSFORMER, RF: 12/5/45<br>RF transf; three wnd, coil A and B pie wnd, coil C single layer wnd; unshielded; pri coil A c/o 50 turns #10-41 S Litz wire, 1.16 ohms DC resistance, secd #1 coil B c/o 82 turns #10-41 S Litz wire, 1.85 ohms DC resistance, secd #2 coil C c/o 9 turns #10-41 S Litz wire, secd #1 rated 208 microhenrys p/m 3 microhenrys at 1000 cye, Q is 250 at 700 kc; 2 7/16" h x 2" wd x 1 1/4" thk o/a; powdered iron core; mtg plate holes 1 15/16" c to c; six solder lug term on top; Zophar wax impr. |                     |        |                        |                |                |                       | CFT | F-42452-3-5                | CFT        | F-42452-3 revF              | DAH               |
| -471650               | TRANSFORMER, RF: 12/5/45<br>RF transf; three wnd, single layer wnd; unshielded; pri coil A c/o 27 turns #7-41 S Litz wire, 0.77 ohms DC resistance, secd #1 coil B c/o 50 turns #7-41 S Litz wire, 1.27 ohms DC resistance, Q of 170 at 1150 kc, secd #2 coil C c/o 11 turns #7-41 S Litz wire, 0.31 ohms DC resistance, secd #1 rated 52.5 microhenrys p/m 0.7 microhenrys at 1000 cps, Q is 170; 2 7/16" h x 2" lg x 1" h o/a; powdered iron core; mtg bkt holes 1 15/16" c to c; six solder lug term on top; Zophar wax impr. |                     |        | 17-T-82064-4089        |                |                |                       | CFT | F-42452-3-6                | CFT        | F-42452-3-6 revF            | DAH               |
| -471651               | COIL, RF: 12/17/45<br>RF transf; single wnd, single universal wnd; shielded, rectangular metal can; c/o 125 turns #29 EC wire, 1.70 ohms DC resistance, rated 150 microhenrys; 2 1/2" h x 1 9/16" lg x 1 3/16" wd o/a; adj iron core w/secdr adj on side; two 0.154" diam mtg holes 1 19/32" c to c; three color coded flex leads at bottom; wax impr, incl four resistors and two capacitors.   |                     |        |                        |                |                |                       | CG  | K-56710-1                  | CG         | K-56710-1 rev1              | UB-1              |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A B O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER          | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                         |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|-------------------------------------|------------|-----------------------------|---|
| -471652               | RF TRANSFORMER: 12/4/45<br>RF transf; 3 wnd, universal wnd; unshielded; wnd #1 28 turns, wnd #2 51 turns, wnd #3 8 turns, ea wnd w/#7-41 Litz wire; 2 3/8" lg x 1" h x 2 3/8" wd, o/a; powdered iron core; 1 3/4" lg x 1/2" diam core; adj iron core; scdr adj at 1 end; bkt mtd by one #6-32 thd x 3/8" lg brass screw; 6 wire post term on side; ckt symbol "L-606" stamped on side; wax impr, oper freq 1000 to 2000 kc, Q at 1150 kc is 140.   |                     |        | 17-T-82180-2547        | N16-T-7199-134 |                | 3C1084K-66            | CFT<br>CFT | RF-1411-3-6<br>RF-1411-3-6<br>rev J |            |                             | DAK-1<br>DAK-4                            |
| -471653               | TRANSFORMER, RF: 12/1/45<br>osc transf; two wnd, universal wnd w/sec wnd over pri; shielded, rectangular metal can; pri rated 4.08 millihenrys in can, c/o 443 turns #34 SE wire, 17.4 ohms DC resistance, sec rated 1.86 millihenrys in can, c/o 250 turns #34 SE wire, 13.4 ohms DC resistance, mutual inductance 2.20 millihenrys at 1000 cpe, freq range 50 cpe to 100 kc; 1 9/16" lg x 1 3/8" wd x 1 21/32" h excluding term and mtg fl; powdered iron core; two mtg holes in fl 2" c to o; four solder lug term on bushings on bottom; potted in case. |                     |        | 17-T-81602-5353        | N16-T-7199-134 |                |                       | CG         |                                     | CG         | M55J965 rev2                | UE-1                                      |
| -471654               | COIL, RF: 12/6/45<br>RF choke; single wnd, 2-X universal wnd; unshielded; rated 5.5 p/m 5% millihenrys, 125 ma DC, c/o 590 turns #36 ES wire, 45.21 ohms DC resistance; 1 1/16" OD x 1 5/16" lg o/a excluding term; ceramic form, air core; 5/32" diam hole in core for mtg; two solder lug term; Harvel #612C impr.   |                     |        | 16-C-74924-9565        |                |                |                       | CFM        | 12944F                              | CG         | M-7475788-1 rev4            | MK-35                                     |
| -471655               | TRANSFORMER, RF: 12/6/45<br>ant transf; two wnd, two pie wnd; unshielded; oper freq 200 to 500 kc, pri c/o 8 turns #38S wire, CT, sec rated 545 microhenrys at 700 and 350 kc, c/o 147 turns of #7-41DS Litz wire, 5.3 ohms DC resistance; 2 3/16" lg x 1" OD o/a; ceramic form 2 3/16" lg x 1/2" diam form; adj iron core w/scdr adj at one end; mtg provisions not supplied; five tinned copper leads; wax impr.   |                     |        | 17-T-82156-1544        | N16-T-7199-107 |                |                       | CFT        | F-38329-3-3                         | CFT        | F-38329-3-3 revE            | DAK (2)<br>thru<br>DAK-4 (2)<br>DAK-2 (2) |
|                       |  |                     |        |                        |                |                |                       |            |                                     |            |                             |   |
|                       |  |                     |        |                        |                |                |                       |            |                                     |            |                             |   |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SEEC NO. | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                         |
|-----------------------|--|----------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|---|
| -471656               | TRANSFORMER, RF: 12/6/45<br>ant trans; two wnd, two pie wnd; unshielded; oper freq 500 to 1,000 kc, pri c/o 10 turns #38ES wire, CT, secd rated 96 microhenrys at 1,600 and 800 kc, c/o 59 turns #7-41 DS Litz wire, 2 ohms DC resistance; 2 3/16" lg x 1" OD o/a; powdered iron core; coil form 2" lg x 1/2" diam; adj iron core, scdr adj at one end; five tinned copper leads; wax impr, Q is 79 p/m 7% at 1,000 kc.  |                      |        | 17-T-82165-1746        | N16-T-7199-120 |                |                       | CFT  | F-38329-3-6                | CFT        | F-38329-3 revE              | DAK (2)<br>thru<br>DAK-4 (2)<br>DAH-2 (2) |
| -471657               | TRANSFORMER, RF: 12/6/45<br>RF amplifier trans; two wnd, two pie wnd; unshielded; oper freq 200 to 500 kc, pri c/o 1,570 turns #38ES wire, 209 ohms DC resistance, secd rated 537 microhenrys at 700 and 350 kc, c/o 137 turns #7-41 DS Litz wire, 5.1 ohms DC resistance, Q is 156 p/m 7% at 350 kc; 2 3/16" lg x 1 3/16" OD o/a; ceramic form 2 3/16" lg x 1/2" diam o/a; adj iron core w/scdr adj in one end; no mtg provisions provided; four tinned copper wire term; wax impr. |                      |        | 17-T-82156-1751        | N16-T-7199-119 |                |                       | CFT  | F-38329-3-2                | CFT        | F-38329-3 revE              | DAK (2)<br>thru<br>DAK-4 (2)<br>DAH-2 (2) |
| -471658               | TRANSFORMER, RF: 12/6/45<br>RF amplifier trans; two wnd, two pie wnd; unshielded; oper freq 500 to 1,000 kc, pri c/o 939 turns #38ES wire, 1.10 ohms DC resistance, secd rated 91.2 microhenrys at 1,600 and 800 kc, c/o 57 turns #7-41 DS Litz wire, 1.9 ohms DC resistance; 2 3/16" lg x 1 1/8" OD o/a; ceramic form 2 3/16" lg x 1/2" diam o/a; adj iron core w/scdr adj on one end; no mtg provisions provided; four tinned copper wire term; wax impr.                          |                      |        | 17-T-82165-1751        | N16-T-7002-90  |                | 3C1084K-56            | CFT  | F-38329-3-5                | CFT        | F-38329-3 revE              | DAK (2)<br>thru<br>DAK-4 (2)<br>DAH-2 (2) |
|                       |  |                      |        |                        |                |                |                       |      |                            |            |                             |   |
|                       |  |                      |        |                        |                |                |                       |      |                            |            |                             |   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-405

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SHEET 47-406

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR         | MANUFACTURER'S PART NUMBER | CONTRACTOR             | CONTRACTOR'S DWG OR PART NO   | EQUIPMENT USED IN        |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-------------|----------------------------|------------------------|---|--------------------------|
| -471659               | RF CHOKE: 12/10/45<br>RF choke; 1 wnd, single layer wnd; unshielded; inductance 0.25 microhenrie p/m 10% DC resistance 0.035 ohms p/m 10%; 13 turns #28 AWG copper wire, E wire; body 3/8" x 5/32" OD; phenolic form, air core; mtd by leads; 2 axial wire leads approx 1 1/2" lg; color coded w/red dot; molded phenolic ins.  |                     |        | 16-C-72709-7452        |                |                |                       | CAUZ        | CFI-3/8-13/28              | CW<br>CHZ<br>CBFD      | BA-10174-6 1st 0<br>CL-10009 1st 0<br>A-884(72)-2A                    | MK-13 Mod0<br>MK-22 Mod1 |
| -471660               | COIL, RF: 12/10/45<br>RF choke; single wnd, single layer wnd; unshielded; c/o 50 turns #38E wire, rated inductance 3.0 microhenrys, 1.05 ohms DC resistance; 3/8" x 5/32" OD o/e; phenolic form, resin bonded core; mtd by two wire lead term; encl in ins shell.   |                     |        | 16-C-72899-1028        |                |                |                       | CAUZ<br>CFI | 3/8-50/38                  | CHZ<br>CW<br>CRR<br>CW | CL-10010-C<br>BA-10174-7 1st 2<br>C215092-1 chg 2<br>BA-84070-2 1st 2 | MK-13 Mod0<br>MK-22 Mod1 |
| -471661               | TRANSFORMER, IF: 12/17/45<br>1100 kc peak freq; IF transf; shielded, rectangular metal case; 1 9/16" lg x 1 3/16" wd x 2 1/2" h excluding adj screws and leads; pri and secd tuned; two adj powdered iron cores; two 0.154" diam mtg holes 1 19/32" c to c; four color coded wire leads on bottom; wax impr, scdr adj on side of can, pri and secd identical and rated at 197 microhenrys at 1,000 cps, 1.77 ohms DC resistance, incl three capacitors. |                     |        | 17-T-67738-1646        |                |                |                       | CG          | K-56110-4                  | CG                     | K-56110-4 rev1  | UE-1                     |
|                       |   |                     |        |                        |                |                |                       |             |                            |                        |   |                          |
|                       |   |                     |        |                        |                |                |                       |             |                            |                        |   |                          |
|                       |   |                     |        |                        |                |                |                       |             |                            |                        |   |                          |
|                       |   |                     |        |                        |                |                |                       |             |                            |                        |   |                          |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-406

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SHEET 47-407

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471662               | TRANSFORMER, IF: 12/17/45<br>1100 kc peak freq; IF transf; shielded, rectangular metal can; 1 9/16" lg x 1 3/16" wd x 2 1/2" h excluding core adj screws and leads; pri and secd tuned; two adj powdered iron cores; two 0.154" diam mtg holes 1 19/32" c to c; six wire lead term out the bottom; wax impr, scdr adj made on side of can, pri and secd identical, ea rated 197 microhenrys w/DC resistance of 1,100 ohms, incl three capacitors and one resistor.                   |                     |        | 17-T-67738-1656        |                |                |                       | CG   | K-56J10-3                  | CG         | K-56J10-3 rev1              | UR-1              |
| -471663               | TRANSFORMER, IF: 12/17/45<br>1100 kc peak freq; IF transf; shielded, rectangular metal can; 1 9/16" lg x 1 3/16" wd x 2 1/2" h excluding adj screws and leads; pri and secd tuned; two adj powdered iron cores; two 0.154" diam mtg holes 1 19/32" c to c; six wire leads from bottom; wax impr, incl three capacitors and one resistor.   |                     |        | 17-T-67738-1666        |                |                |                       | CG   | K-56J10-2                  | CG         | K-56J10-2 rev1              | UR-1              |
| -471664               | COIL, RF: 12/7/45<br>osc coil; single wnd, seven pies; shielded, sq metal can; inductance range rated 8.1 to 10.9 millihenrys at 1,000 ohms, 150 ma DC, c/o 102 turns #30/44SE Litz wire per pie, freq range 100-200 kc, 14.2 ohms DC resistance per pie; 3" lg x 2 1/8" wd x 2 1/8" h excluding term and mtg; metallized glass form, iron core; adj iron core w/scdr adj one end of case; four mtg holes on 7/8" rad back of can; two solder term front of can; has high stability. |                     |        | 16-C-76768-7116        |                |                |                       | CFW  | 13663                      | CFW        | 13663 revB                  | LAL               |

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SHEET 47-407

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SHEET 47-408

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------|
| -471665               | TRANSFORMER, RF: 12/10/45<br>RF transf; thres wnd; shielded, rectangular aluminum can; freq 163.9 kc, pri rated 2 ma, 300v DC, approx DC resistance term 1-2/4-3/5-3/4-5 is 16/10/8/18 ohms; 3.5" h x 1.921" lg x 1.375" wd excluding term, mtg bolts and adj screws; phenolic form, air core; int built-in trimmer capacitor across pri and secd w/two secd adj on top; mts by two 7/16" lg spade bolts; five solder lug term same end as mtg bolts; var impr. |                     |        |                        |                |                |                       | CFM        | 13412F                     | CG         | P-7768843-1 rev2            | MK-35             |
| -471666               | COIL, RF: 12/11/45<br>RF choke; single wnd, layer wnd; unshielded; inductance rated 50 millihenrys, lv, 1,000 cyc, c/o 2,000 turns #30 DC wire, 12 ohms DC resistance; 7/8" lg x 1 1/16" OD o/a; air core; 3/16" diam mtg hole in ctr; two solder lug term on bottom; vacuum varnish impr.  |                     |        | 16-C-75461-6761        | N16-C-13168-20 |                |                       | CLG        | TA2165                     | CIP        | ES-13287 1seel              | MK-5              |
| -471667               | TRANSFORMER, RF: 12/11/45<br>osc transf; single wnd; shielded in std transf can; freq range 165 kc to 195 kc, rated 2 millihenrys; 4 1/4" lg x 2" wd x 2" h o/a; iron core; adj air capacitor w/secd adj; mts by two #6-32 thd spade bolts 2 1/8" c to c; five solder lug term; incl four capacitors, two resistors.  |                     |        |                        |                |                |                       | CTM<br>CFK | 8F-128<br>20,141           | CWT        |                             | QBD               |
| -471668               | TRANSFORMER, RF: 12/11/45<br>var freq osc; c/o powdered iron core coil, var capacitor, 2 fixed capacitors, 3 fixed resistors, shield can; freq range 175 kc to 225 kc; 4 1/2" lg x 2" wd x 2" h, o/a; mts by two #6-32 thd space bolts 2 1/16" c to c; stamped "Z-604"; adj iron core w/secd adj, 5 solder type term.   |                     |        | 16-T-98018-3531        |                |                |                       | CTM        | 8-F-131                    | CWT        | 20146                       | QBD               |
| -471669               | TRANSFORMER, RF: 12/11/45<br>BFO; p/o Navy Type 55110 Receiver-Indicator; c/o powdered iron core coil, var capacitor, 2 fixed capacitors, 3 fixed resistors, shield can; rectangular aluminum shield can; freq range 170 kc to 180 kc; 4 1/4" lg x 2" wd x 2" h, o/a; mts by two #6-32 thd spade bolts 2 1/16" c to c; stamped "Z-607"; adj iron core w/secd adj, has 5 solder type term.   |                     |        | 16-T-98018-1981        |                |                |                       | CTM        | 8-F-132                    | CWT        | 20149                       | QBD               |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-408

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SHEET 47-409

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------|
| -471670               | TRANSFORMER, IF: 12/11/45<br>165 to 195 kc freq range; second IF transf; shielded in standard transf can; 2" lg x 2" wd x 5 3/4" h excluding term and mtg studs; iron core; tuned pri and secd (triple tuned); two variable capacitors and adj iron core; two #6-32 thd mtg studs 2 1/16" c to c; five solder lug term on bottom; incl four capacitors, pri is CT, secd adj made on top and bottom; same as NT-471671 except pri is CT instead of secd. |                     |        | 17-T-67517-1898        |                |                |                       | CTM<br>CPK | 20-F-55PT2<br>20147        |            |                             | QBD               |
| -471671               | TRANSFORMER, IF: 12/11/45<br>165 to 195 kc freq range; first IF transf; shielded in standard transf can; 2" lg x 2" wd x 5 3/4" h; iron core; pri and secd tuned (triple tuned); two variable capacitors and an adj iron core; two #6-32 thd mtg studs 2 1/16" c to c; five solder lug term on bottom; incl two fixed and two variable capacitors, secd adj made on top and bottom of can; same as NT-471670 except secondary is CT instead of primary. |                     |        | 17-T-67517-1883        |                |                |                       | CTM<br>CPK | 20F-55-1<br>20145          |            |                             | QBD               |
| -471672               | TRANSFORMER, IF: 12/11/45<br>165 to 195 kc freq range; third IF transf; shielded, in standard transf can; 2" lg x 2" wd x 5 3/4" h; iron core; pri and secd tuned (triple tuned); two variable capacitors and adj iron core; two #6-32 thd spade bolts 2 1/16" c to c; four solder lug term on bottom; incl two fixed and two variable capacitors, secd adj made on top and bottom.   |                     |        | 17-T-67517-1913        |                |                |                       | CTM<br>CPK | 20-F-55PT3<br>20148        |            |                             | QBD               |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                             |                   |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-409

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SHEET 47-410

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO  | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|------------------------------|-------------------|
| -471673               | TRANSFORMER, RF: 12/17/45<br>converter transf; two wnd pri univeseal wnd, secd four pie wnd; unshielded, pri rated 276 microhenrys, c/o 105 turns #29ES wire, 2 ohms DC resistance, secd rated 88 microhenrys, c/o 86 turns of #29ES wire, 1.4 ohms DC resistance, mutual inductance is 20 microhenrys, operating freq 1,888 kc; 3 3/8" lg x 2 3/8" wd x 1 1/2" h o/a; adj iron core w/secd adj on bottom; no mtg provisions provided; four solder lug term; wax impr, incl capacitor. |                     |        | 17-T-81569-5416        |                |                |                       | CG   | K-544879-1                 | CG         | X-544879-1 rev5              | UE-1              |
| -471674               | TRANSFORMER, IF: 12/17/45<br>1100 kc peak freq (approx); IF transf; shielded, rectangular aluminum can; 2 5/8" h x 1 25/32" lg x 1 9/16" wd excluding adj screws and mtg feet; tuned pri and secd; two adj powdered iron cores; two mtg feet; five wire lead term; incl three capacitors and one resistor, coils identical, ea rated 193 microhenrys at 1,000 cps, 1.7 ohms DC resistance.   |                     |        | 17-T-67738-7266        |                |                |                       | CG   | K-56J72                    | CG         | X-56J25 rev1<br>K-56J72 rev1 | UE-1              |
| -471675               | TRANSFORMER, IF: 12/17/45<br>500 kc peak freq; IF transf; shielded, rectangular metal can; 1 3/16" lg x 1 9/16" wd x 2 1/2" h excluding adj screws and mtg feet; tuned pri and secd; two adj powdered iron cores; two mtg feet w/holes 1 3/4" c to c; four lead term; incl three capacitors, both coils rated 335 microhenrys at 1000 cps, 4.56 ohms DC resistance, secd adj on side of can.   |                     |        | 17-T-67651-6341        |                |                |                       | CG   | K-58J955-1                 | CG         | X-58J955-1 rev5              | UE-1              |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                              |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                              |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-410

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SHEET 47-411

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | Contractor | CONTRACTOR'S DWG OR PART NO         | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-------------------------------------|-------------------|
| -471676               | TRANSFORMER, RF: 12/19/45<br>2 wnd, universal 3 pie, inductance of wnd, pri 96.60 microhenries at 1000 cyc, secd 250.69 microhenries at 1000 cyc, number of turns and wire size, pri 20 1/2 turns #30-44 SS Litz wire, secd 224 1/8 turns #15-44 SS Litz wire, direct cur resistance, pri 0.26 ohms, secd 5.83 ohms; tuned, freq range 435 to 465 kc; tapped 20 1/2 turns; unshielded; dimen 1 7/16" lg x 1 1/8" wd x 1 19/32" h, o/s; phenolic coil form, powdered iron core; adj tuning, iron core, on bottom; two #4-40 thd mtg holes x 7/32" d on 13/16" mtg/c; 6 term solder lug type located on top of case; spcl markings, stamped w/ckt symbol on side of case, T-101 wax impr. |                     |        | 17-T-82442-1703        |                |                |                       | CRR  | AL-71791-18                | CRR        | AC-56745 1ss A<br>AL-71791-18 1ss W | DW-1<br>DU-1      |
| -471677               | TRANSFORMER, RF: 12/20/45<br>RF transf; 1 wnd, 2 pie wnd; unshielded; oper freq 800 to 1600 kc, Q is 175/170/120 at 750/1000-1640/1250-1300 kc w/cap of 175/170/120 mmf; 1 5/16" lg x 1 3/16" wd x 1 3/8" h, excluding term; bakelite form; adj iron core w/sodr adj on bottom; two #4-40 tapped mtg holes on bottom, 0.812" c to c; 5 solder lug term on top; wax impr, bakelite case, wnd tapped at 44 1/2 and 50 7/8 turns.  |                     |        | 16-C-76503-5353        |                |                |                       | CRR  | AL-71791-20                | CRR        | AC-56747 1ss A<br>AL-71791 1ss W    | DW-1              |
| -471678               | TRANSFORMER, RF: 12/20/45<br>RF transf; 1 wnd, 2 pie wnd; unshielded; oper freq 400 to 800 kc, Q is 275/290/195 at 380/845-865/585-636 kc and w/435/40/435 mmf cap; 1 5/16" lg x 1 3/16" wd x 1 3/8" h, excluding term; bakelite form; adj iron core w/sodr adj on bottom; two #4-40 tapped mtg holes on bottom 0.812" c to c; 5 solder lug term on top; wax impr, bakelite case, wnd tapped at 28 7/8 and 81 3/4 turns.  |                     |        | 16-C-76503-9700        |                |                |                       | CRR  | AL-71791-19                | CRR        | AC-56746 1ss B<br>AL-71791 1ss W    | DW-1              |
| -471679               | RECEIVER SUB-ASSEMBLY: 12/28/45<br>c/o four capacitors, two ea of NT-481596 and of NT-481595, four coils NT-47582, NT-47583, NT-47584 and NT-47585, one NT-63360-331 Resistor and a rotary sw; four freq bands, 1.5 to 3.1/3.1 to 6.6/6.6 to 14/14 to 30 mc; 6 3/16" lg x 2 1/2" wd x 2 3/8" h excluding adj screws; mts by bkt; coils tuned by adj iron cores w/sodr adj.  |                     |        | 16-R-33591-1158        | 116-T-7199-186 |                |                       | CFT  | RF-2098-3                  | CFT        | RF-2098-3 rev F                     | DAU               |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                                     |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                                     |                   |

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NAVSHIPS 900,109(A)  
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SHEET 47-412

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO     | EQUIPMENT USED IN          |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|---------------------------------|----------------------------|
| -471680               | SUPPRESSOR, parasitic: 12/18/45<br>c/o resistor and coil; 1 1/4" lg x 5/16" OD o/a;<br>rated 10 microhenrys, c/o 52 turns #26DS closewound<br>wire, resistor rated 1 megohm, 1w; unshielded; mtd<br>by two copper wire lead term; wax impr.   |                     |        | 16 S-89746-7380        |                |                |                       | CAG        | P-400-356                  | CAG        | P-400-51 rev5                   | LR (4)<br>thru<br>LR-3 (4) |
| -471681               | SUPPRESSOR, parasitic: 12/18/45<br>c/o resistor and coil; 1 3/4" lg x 3/8" OD o/a; rated<br>5 microhenrys, c/o 40 turns #20DS wire closewound,<br>resistor rated 1 megohm, 2w; unshielded; mtd by two<br>copper wire lead term; wax impr.   |                     |        | 16-S-89735-7492        |                |                |                       | CAG        | P-400-357                  | CAG<br>CFD | P-400-51 rev5<br>217-70-1 1ee 1 | LR (2)<br>thru<br>LR-3 (2) |
| -471682               | COIL, RF: 12/20/45<br>RF choke; single wnd, space wnd; unshielded; rated<br>5 microhenrys at 1.6 amp, c/o 20 turns #20 DC wire<br>w/DC resistance of 0.05 ohms, 6.3v oper voltage;<br>1 3/4" lg x 29/32" diam o/a excluding leads; air<br>core, maple or birch form 7/8" diam x 1 3/4" lg;<br>one 0.161" diam mtg hole through ctr of form; wnd<br>coated w/ radio cement.  |                     |        | 16-C-72987-4050        |                |                |                       | CAG        | P-432-315                  | CAG        | P-432-29 rev3                   | LP thru<br>LP-4            |
| -471683               | COIL, RF: 12/20/45<br>RF choke; single wnd, 3 pie wnd; round case; induc-<br>tance 25 p/m 10% millihenries, c/o 2000 turns #32 AWG<br>wire; 1 13/16" lg x 1 5/16" OD on 1 end of rounded<br>case w/2 3/16" OD on mtg plate end of case; maple or<br>birch form, air core; mtg plate w/2 mtg holes 1 3/4"<br>c to c, 2 brass mtg inserts also on plate; 2 solder<br>post term on mtg plate; 3 pie, #1 pie c/o 1150<br>turns, #2 pie c/o 490 turns, #3 pie c/o 360 turns. |                     |        | 16-C-75343-5004        |                |                |                       | CAG<br>CAG | 379-33<br>379-4 rev 13 ND  |            |                                 | LP thru<br>LP-4            |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR         | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|--------------|----------------------------|------------|-----------------------------|-------------------|
| -471684               | SUPPRESSOR, parasitic: 12/20/45<br>CANCELLED: same as Navy Type 47889.   |                     |        | 16-S-89832-3856        |                |                |                       | CAG          | 804-32                     | CAG        | 804-18 rev 3                | LX                |
| -471685               | SUPPRESSOR, parasitic: 12/20/45<br>c/o resistor and coil; 1 3/4" lg x 5/16" OD o/a;<br>rated 30 microhenrys, c/o 70 turns #30DC wire, 4 ohms<br>DC resistance, wmd on resistor rated 1 megohm, 2w;<br>unshielded; mtd by two axial wire leads on ends of<br>coil; wmd coated w/radio cement.   |                     |        | 16-S-89776-7484        |                |                |                       | CAG          | 804-310                    | CAG        | 804-18 rev3                 | LX (2)            |
| -471686               | TRANSFORMER, IF: 12/20/45<br>455 kc peak freq; IF transf; shielded, sq metal can;<br>1 5/8" lg x 1 3/8" wd x 4 15/16" h o/a; powdered iron<br>core; pri and secd tuned; two adj iron core; two mtg<br>studs 11/16" c to c; four solder lug term; incl are<br>two 120 mmf mica capacitors, one 390 mmf mica capa-<br>citor, one 1,500 ohm resistor, one coil rated 9 ohms,<br>other coil 5 ohms DC resistance, scdr adj on top and<br>bottom. |                     |        | 17-T-67635-5622        |                |                |                       | CBDG<br>CANQ | A303                       |            |                             | OF-2              |
| -471687               | TRANSFORMER, IF: 12/20/45<br>455 kc peak freq; IF transf; shielded, sq metal can;<br>1 5/8" lg x 1 3/8" wd x 4 15/16" h o/a; powdered iron<br>core; pri and secd tuned; two adj iron core; two mtg<br>studs 11/16" c to c; four solder lug term; incl one<br>220,000 ohm resistor, one mica 150 mmf, one mica 5.6<br>mmf, coils rated 5 and 13 ohms DC resistance, adj<br>made by scdr adj on top and bottom; u/w Navy Model<br>OF-2.        |                     |        | 17-T-67635-5614        |                |                |                       | CBDG<br>CANQ | A-301                      |            |                             | OF-2 (2)          |

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SUPPLEMENT # 1

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|----------------------------|-------------------|
| -471688               | RECEIVER SUB-ASSEMBLY: 12/28/45<br>four band mixer coil assem; c/o two NT-481596 and two NT-481595 capacitors, four coils, NT-47582, NT-47583, NT-47584, NT-47585, two resistors, NT-63360-100 and NT-63360-331 and one rotary sw; freq ranges, 1.5 to 3.1 mc, 3.1 to 6.6 mc, 6.6 to 14.0 mc, 14.0 to 30.0 mc; 6 3/16" lg x 2 1/2" wd x 2 3/8" h o/a; mte by mtg bkt w/two mtg holes; ten solder lug term, adj iron core w/sldr adj at end of can.               |                     |        | 16-R-33591-1067        | N16-T-7199-187 |                |                       | CFT | RF-2099-3                  | CFT        | RF-2099-3 revF             | DAU               |
| -471689               | RECEIVER SUB-ASSEMBLY: 12/28/45<br>osc assem; c/o eight capacitors, NT-481650-D1, NT-481649-D2, NT-481634-D3, NT-481506-20, two NT-481596, two NT-481595, four coils, NT-47586, NT-47587, NT-47588, NT-47589, one rotary sw; freq ranges, 1.955 to 3.555 mc, 3.555 to 7.055 mc, 7.055 to 14.455 mc, 14.455 to 30.455 mc; 6 3/16" lg x 2 1/2" wd x 2 3/8" h o/a; mts by mtg bkt w/two mtg holes; ten solder lug term, adj iron core w/sldr adj at one end of can. |                     |        | 16-R-33591-1091        | N16-T-7199-185 |                |                       | CFT | RF-2097-3                  | CFT        | RF-2097-3 revF             | DAU               |
| -471690               | COIL, RF: 12/28/45<br>RF choke; single wnd, five pie universal wnd; unshielded; rated 8 millihenrys, 250 ma, ea pie c/o 226 turns #28EC wire, 16.8 ohms DC resistance; 3 1/2" lg x 1 1/4" OD o/a; air core; form 3 1/2" lg x 1/2" OD; mte by bkt or two solder lug term on top.  |                     |        | 16-C-75022 4146        |                |                | 3CK372-2              | CFT | F-12162-1                  | CFT        | F-12162-1 1st H            | YA-1<br>YA-2      |
| -471691               | COIL, RF: 12/28/45<br>RF choke; single wnd, fifteen sect universal wnd; unshielded; rated 10.4 millihenrys, 1 amp, ea sect c/o 50 turns #24EC wire, 14 ohms DC resistance; 7 1/16" lg x 2 7/8" wd x 2 1/4" h o/a; bakelite form, air core; form 7 1/16" lg x 2" OD; mtd by term or by two #8-32 thd screws; two solder lug term on side; varnish treated.  |                     |        | 16-C-75148-7690        | N16-C-13206-12 |                | 3CK372-3              | CFT | F-16279-2                  | CFT        | F-16279-2 1st D            | YA-1<br>YA-2      |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                            |                   |

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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

SHEET 47-414

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SHEET 47-415

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO        | EQUIPMENT USED IN              |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|------------------------------------|--------------------------------|
| -471692               | COIL, RF: 12/29/45<br>RF choke; single wnd, eight pie universal wnd; unshielded; rated 14 millihenrys, 250 ma, ea pie c/o 226 turns #28BS wire, 27 ohms DC resistance; 4 3/4" lg x 1 1/4" OD o/a; air core, bakelite form 4 3/4" lg x 1/2" OD; two #8-32 x 5/16" tapped holes at ends of coil for mtg; two solder lug term on top; varnish treated.              |                     |        | 16-C-75202-2712        |                |                |                       | CFT  | F-31323-1                  | CFT        | F-31323-1 1ssA                     | YA-1<br>YA-2                   |
| -471693               | COIL, RF: 12/21/45<br>RF choke; single wnd, five pie universal wnd; unshielded; rated 8 millihenrys, 250 ma, ea sect c/o 225 turns #28EC wire tapped at 450 and 850 turns, 16.8 ohms DC resistance; 4 3/8" lg x 1 5/8" wd x 1 5/8" h o/a; air core, bakelite form 1/2" OD; one #8-32 thd x 3/8" lg screw for mtg; two solder lug term and two screw term on top. |                     |        | 16-C-75023-1566        |                |                |                       | CFT  | F-29955-1                  | CFT        | F-29955-1 1ssB                     | YA-1<br>YA-2                   |
| -471694               | SUPPRESSOR, parasitic: 1/8/46<br>c/o resistor and coil; 9/16" lg x 7/32" OD o/a; rated 2.4 millihenrys, c/o 30 turns #29ED wire, 0.165 ohms DC resistance at 20°C, wnd on 6.8 megohms p/m 20%, 1w resistor; unshielded; mtd by two axial wire leads on ends of coil; varnish treated.  |                     |        | 16-8-89823-9284        | N16-N-493-80   |                |                       | CG   | K-35768-1                  | CG<br>CG   | K-36768-1 rev 4<br>V-37374-7 rev 7 | SQ                             |
| -471695               | COIL, RF: 1/3/46<br>RF choke; single wnd; unshielded; rated 5.5 millihenrys, c/o 700 turns #36XS wire, 50 ohms DC resistance; 7/8" lg x 1" OD o/a; mtg hole 0.154" diam thru ctr; two copper wire lead term on side.   |                     |        | 16-C-74924-9189        | N16-C-13156-95 |                | 3C315-37              | CFT  | F-28672-1                  | CFT        | F-28672-1 1ssD                     | TCY<br>TCY-1                   |
| -471696               | COIL, RF: 1/3/46<br>RF choke; single wnd, single layer wnd; unshielded; rated 88 microhenrys at 2,500 kc, c/o 163 turns #24EDC wire, 1.2 ohms DC resistance; 10 1/4" lg x 1 1/16" OD excluding term; air core, glass form 1" OD x 10 1/4" lg; mtd by two solder lug term on mtg straps.  |                     |        | 16-C-73693-8486        | N16-C-13216-3  |                | 3C515-32              | CFT  | F-27410-2-2                | CFT        | F-27410-2-2 revC                   | TDN<br>TDN-2<br>TDN-3<br>TDN-4 |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                                    |                                |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                                    |                                |

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NAVSHIPS 900,109(A)  
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SHEET 47-415

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SHEET 47-416

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | COR-TRACTOR | CONTRACTOR'S DWG OR PART NO   | EQUIPMENT USED IN          |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|-------------|-------------------------------|----------------------------|
| -471697               | COIL, RF: 1/3/46<br>RF choke; single wnd, single layer wnd; unshielded; rated 26 microhenrys at 5,000 kc, c/o 85 turns #18EBC wire, 0.163 ohms DC resistance; 10 1/4" lg x 1 1/16" OD excluding term; air core, glass form 1" OD x 10 1/4" lg; mtd by two solder lug term on mtg straps.                                    |                     |        | 16-C-73381-9668        | N16-C-13285-18 |                |                       | CFT | F-27410-2-3                | CFT         | RC-5550-2<br>F-27410-2-3 1ssC | TDN<br>TDN-2 thru<br>TDN-4 |
| -471698               | COIL, RF: 1/3/46<br>RF choke; single wnd, single layer wnd; unshielded; rated 445 microhenrys at 1,000 kc, c/o 381 turns #28EBCS wire, 6.9 ohms DC resistance; 10 1/4" lg x 1 1/16" OD excluding term; air core, glass form 1" OD x 10 1/4" lg; mtd by two solder lug term on mtg straps.                                   |                     |        | 16-C-74110-2944        | N16-C-13238-1  |                | 206700/CI             | CFT | F-27410-2-1                | CFT         | F-27410-2 1ssC                | TDN<br>TDN-2 thru<br>TDN-4 |
| -471699               | COIL, RF: 1/3/46<br>RF choke; single wnd, single layer, close wnd; unshielded; rated 12.3 microhenrys at 2,500 kc, c/o 45 1/4 turns #18EC wire, 0.057 ohms DC resistance; 3 5/8" lg x 1 15/16" wd x 1 15/16" h o/a; post ins form 3" lg x 3/4" OD; two mtg pl at ends; two solder lug term, one on ea end.                  |                     |        | 16-C-73169-7553        |                |                |                       | CFT | RC-5550-2                  | CFT         | RC-5550-2 1ssA                | TDN<br>TDN-2 thru<br>TDN-4 |
| -471700               | COIL, RF: 1/3/46<br>RF choke; single wnd, single layer wnd; unshielded; rated 20.2 microhenrye at 1 kc, 100 ma, c/o 74 turns 0.012" diam EBC wire w/0.71 ohms DC resistance; approx 2" lg x 1" OD c/a excluding term; air core; one tapped mtg hole in ea end of form; one solder lug term at ea end of form; wax impr.     |                     |        | 16-C-73310-3052        | N16-C-13275-28 |                |                       | CGQ | L-CI-1039                  | CBZ         | CI-1039 revC                  | TRX-4                      |
| -471701               | COIL, RF: 1/3/46<br>RF choke; single wnd, single layer wnd; unshielded; rated 30 microhenrys at 2 amp, c/o 95 turns #28 wire w/1.5 ohms DC resistance, oper freq 7 to 30 mc; 3" lg x 1/2" OD c/a excluding term and mtg bkt; low loss steatite form, air core; two mtg holes 3 1/2" c to c on mtg bkt; two solder lug term. |                     |        | 16-C-73430-2266        |                |                | 3C1084L               | CHD | RFR-3                      | CFT         |                               | TDN                        |
|                       |   |                     |        |                        |                |                |                       |     |                            |             |                               |                            |

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SHEET 47-417

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER   | CONTRACTOR | CONTRACTOR'S DWG OR PART NO                  | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|------------------------------|------------|--|-------------------|
| -471702               | COIL, RF: 1/7/46<br>RF choke; single wnd, two pie universal wnd; unshielded; rated 13.6 millihenrys at 150 kc, 500 ma DC, Q is 130 at 150 kc, ea pie o/o 250 turns #18-38 Litz wire w/11 ohms DC resistance; 3 3/4" lg x 2 3/4" OD o/a excluding term; bakelite form 2" OD x 3 3/4" lg, air core; two 0.1695" diam mtg holes 3 1/4" c to c on bottom; one screw term and one screw term on stand-off ins on top. |                     |        | 16-C-75200-7955        |                |                |                       | CRR        | AA19062                      | CRR<br>CRR | AA19062 1seeC<br>A19061 1seeO                | TAV-12            |
| -471703               | COIL, RF: 1/7/46<br>RF choke; single wnd, single layer wnd; unshielded; rated 1130 microhenrys at 200 kc, 100 ma DC, c/o 160 turns #28 DSC wire w/7 ohms DC resistance, 1000v RMS; 4 1/8" lg x 2 5/8" OD o/a excluding term and mtg spacers; phenolic form 2 1/2" OD x 4 1/8" lg; two tapped mtg spacers 3 3/8" c to c on top; two screw term.   |                     |        | 16-C-74428-9647        |                |                |                       | CRR        | AA25492                      | CRR<br>CRR | AA25492-1 1seeD<br>A25528 1seeO              | TAV-12<br>TAJ-12  |
| -471704               | COIL, RF: 1/10/46<br>RF filter coil; single wnd, multilayer wnd; shielded in HS cylindrical copper can; rated 0.65 hy at 8 ma, c/o 2400 turns #32 FE wire w/105 ohms DC resistance; 4 3/16" lg x 2 5/8" OD o/a incl term; powdered iron core; three 1/8" diam mtg studs equally spaced on a 2" diam bolt circle; two stud term on stand-off ins; wax impr.   |                     |        | 16-C-75747-3467        |                |                |                       | CML        | 02756                        | CML        | 02756 altO                                   | JR-1(2)           |
| -471705               | COIL, RF: 1/10/46<br>IF filter coil; single wnd, universal wnd; unshielded; rated 2500 microhenrys at 1000 cyc, Q is 100 at 150 kc, 19.2 ohms DC resistance, c/o 450 turns #5-40 HS Litz wire; 1.781" lg x 0.938" OD o/a excluding leads; bakelite form, air core; form 1.781" lg x 1/2" OD; mts by two wire lead term; wax treated.   |                     |        | 16-C-74709-3287        |                |                |                       | CFT<br>CFT | NL-45219-3-5<br>NL-45219-3-8 | CFT<br>CFT | NL-45219-3-5<br>NL-45219-3-8<br>revG<br>revC | DAU<br>DAU-1      |
|                       |  |                     |        |                        |                |                |                       |            |                              |            |  |                   |
|                       |  |                     |        |                        |                |                |                       |            |                              |            |  |                   |
|                       |  |                     |        |                        |                |                |                       |            |                              |            |  |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-417

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SHEET 47-418

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER   | CONTRACTOR | CONTRACTOR'S DWG OR PART NO                  | EQUIPMENT USED IN    |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|------------------------------|------------|--|----------------------|
| -471706               | COIL, RF: 1/10/46<br>IF filter coil; single wnd, universal wnd; unshielded; rated 1500 microhenrys at 1000 cyc, Q is 80 at 150 kc, 17.1 ohms DC resistance, c/o 360 turns #5-40 DS Litz wire; 1.781" lg x 0.938" OD o/a excluding leads; bakelite form, air core; form 1.781" lg x 1/2" OD; mts by two wire lead term; wax treated.  |                     |        | 16-C-74487-3323        |                |                |                       | CFT<br>CFT | NL-45219-3-6<br>NL-45219-3-7 | CFT<br>CFT | NL-45219-3-6<br>revG<br>NL-45219-3-7<br>revG | DAU<br>DAU-1         |
| -471707               | TEST SET SUB-ASSEMBLY, radar: 1/7/46<br>used as dummy ant for output test; p/o NF-CEZ-60-ACQ Wavemeter-Oscillator; c/o a coil, one A704-A diode tube, one 3 to 12 mmf adj capacitor, two 50 mmf fixed capacitors and seven 470 ohms fixed resistor and one 330 ohm fixed resistor connected in series and gnd and one connector; 50 ohms DC resistance; 2 9/16" lg x 2 5/8" wd x 1 5/8" h o/a; bkt mtd.            |                     |        | 16-T-20551-1013        | N16-A-4796-100 |                |                       | CHEZ       | SA-1649                      | CHEZ       | SA-1649 1esM                                 | OAF-1                |
| -471708               | RF CHOKE: 1/9/46<br>RF choke; single wnd, single layer wnd; round aluminum shield can; rated 10 millihenrys at 125 ma, 47 ohms DC resistance; 1 1/16" lg x 1 1/4" OD o/a excluding leads; bakelite form, air core; 3/8" OD x 1/2" lg; two #6-32 thd x 5/16" lg mtg studs 1 3/8" c to c on bottom; two wire lead term extending through holes in shield; wax impr.  |                     |        | 16-C-75093-3589        |                |                |                       | OMM        | 856 (Mod 1)                  | CFT        | RF-3278-1 rev A                              | DAU (2)<br>DAU-1 (2) |
| -471709               | COIL, RF: 1/11/46<br>RF choke; single wnd, three pie universal wnd; unshielded; rated 2.1 millihenrys p/m 10% at 2 ma, ea pie c/o 125 turns #38 ES wire w/25 ohms DC resistance; 1 1/4" lg x 15/16" h x 0.440" wd o/a incl laminated phenolic base; iron core, phenolic form; adj iron core w/scdr adj on end; mts by core stud and #4-40 thd hex nut; two solder post term on term board; resinous compound impr. |                     |        | 16-C-76742-4623        | N16-C-14379    |                | 3C370-84              | CRY        | 899941-501                   | CRY        | 899941-501 subO                              | MAR<br>RDK           |
| -471710               | COIL, RF: 1/11/46<br>RF choke; single wnd, four pie universal wnd; unshielded; rated 16 millihenrys at 100 ma, ea pie c/o 490 turns #36 ES wire, 115 ohms DC resistance; 1 7/8" lg x 3/4" OD o/a excluding leads; ceramic dowel; 1 7/8" lg x 1/4" OD; mts by two copper wire lead term.  |                     |        | 16-C-75244-6808        |                |                |                       | CML        | 19-1999                      | CML        | 19-1999                                      | TCQ                  |
|                       |  |                     |        |                        |                |                |                       |            |                              |            |  |                      |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-418

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SHEET 47-419

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR  | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN          |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|-------------|-----------------------------|----------------------------|
| -471711               | IF TRAP ASSEMBLY: 1/14/46<br>175 kc peak; 2" lg x 1 7/16" wd x 2 9/16" h o/a excluding term; 10000 ohms impedance at resonance; rectangular metal case; 2 mtg studs #4-40 thd at bottom of case 1 7/16" c to c; 4 solder term on bottom.   |                     |        | 16-F-34000-7501        | N16-T-18555    |                | 229641.238            | CFT  | F-40647-2                  | CFT         | F-40647-2 rev E             | DAK thru<br>DAK-4<br>DAE-2 |
| -471712               | COIL, RF: 1/14/46<br>RF converter plate coil; single wnd, single pie wnd; shielded in rectangular metal can; rated 2.94 millihenrys, resonant freq 175 kc; 2" lg x 1 7/16" wd x 2 9/16" h o/a excluding term, mtg studs and scdr adj; adj powdered iron core w/scdr adj through top of can; two mtg studs 1 7/16" c to c on bottom; four solder term on bottom, one is dummy term; incl one NT-48675 fixed MICA CAPACITOR. |                     |        | 16-G-76748-9869        | N16-T-18552    |                | 229641.237            | CFT  | F-40648-2                  | CFT         | F-40648-2 rev D             | DAK thru<br>DAK-4<br>DAE-2 |
| -471713               | TRANSFORMER, RF: 1/16/46<br>input trans; two wnd, sec'd is CT; shielded in round metal can; freq range 2 to 4 mc; 1.750" lg x 1.218" OD o/a excluding term and scdr adj; adj iron core w/scdr adj through top of can; mts by 1/4"-32 thd mtg stud and hex nut; six solder lug term on bottom, one is dummy term; varnish impr.   |                     |        |                        |                |                |                       | CAVN | 246-0000                   | CAVN<br>CIV | 246-0000<br>FM17-126        | LAL                        |
| -471714               | COIL, RF: 1/16/46<br>selector coil; one wnd CT; shielded in round metal case; freq range 2 to 4 mc; 1.750" lg x 1.218" OD o/a excluding term and scdr adj; adj iron core w/scdr adj through end of can; mts by 1/4"-32 thd stud and hex nut; six solder term, three are dummy term; varnish impr.  |                     |        |                        |                |                |                       | CAVN | 246-0001                   | CAVN<br>CIV | 246-0001<br>FM17-124        | LAL                        |
|                       |  |                     |        |                        |                |                |                       |      |                            |             |                             |                            |
|                       |  |                     |        |                        |                |                |                       |      |                            |             |                             |                            |
|                       |  |                     |        |                        |                |                |                       |      |                            |             |                             |                            |
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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-419

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SHEET 47-420

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO. | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORP'S STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR  | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|---------|------------------------|----------------|----------------|------------------------|------|----------------------------|-------------|-----------------------------|-------------------|
| -471715               | TRANSFORMER, RF: 1/16/46<br>output transf; two wnd, pri is C; shielded in round metal can; freq range 2 to 4 mc, turns ratio pri to secd is 1 to 4; 1.750" lg x 1.218" OD o/a excluding term and scdr adj; adj iron core w/secr adj through top of can; mts by 1/4"-32 thd mtg stud and hex nut; six solder lug term on bottom; has electrostatic shield between pri and secd wnd; varnish impr. |                     |         |                        |                |                |                        | CAVN | 246-0002                   | CAVN<br>CYV | 246-0002<br>FW17-125        | LAL               |
| -471716               | COIL, RF: 1/16/46<br>RF choke; single wnd, single layer wnd; unshielded; rated 80 millihenrys; approx 2.625" lg x 7/8" OD o/a excluding term; iron core; one #8-32 thd x 1/4" lg mtg screw at one end; two solder lug term; varnish impr.  |                     |         | 16-C-75535-9008        |                |                |                        | CAVN | 432-0000                   | CAVN<br>CYV | 432-0000<br>FW18-38         | LAL               |
| -471717               | COIL, RF: 1/16/46<br>RF choke; single wnd, two pie universal wnd; unshielded; rated 2.5 millihenrys at 1000 cyc, ea pie o/o 172 turns #7-44 Litz wire; 1.062" lg x 7/8" wd x 1" h o/a excluding term; iron core; one #6-32 thd x 1/4" lg mtg studs; two solder lug term on top; var impr.  |                     |         | 16-C-74662-2559        |                |                |                        | CAVN | 426-0000                   | CAVN<br>CYV | 426-0000<br>FW17-130        | LAL               |
| -471718               | TRANSFORMER, RF: 1/16/46<br>output transf; two wnd, single layer wnd; shielded in round metal can; freq range 2 to 4 mc, turns ratio pri to secd is 6 to 1, secd wnd to match a 70 ohm line; 1 3/32" diam x 1 1/8" lg o/a excluding term; air core; two mtg holes on bottom of can; four solder lug term on front of coil.   |                     |         |                        |                |                |                        | CAVN | 350-0000                   | CAVN<br>CYV | 350-0000<br>FW17-127        | LAL               |
| -471719               | TRANSFORMER, RF: 1/16/46<br>mixer input transf; two wnd, four pie wnd; unshielded; voltage step up ratio pri to secd is 1 to 2, ph range 180 deg p/m 3 deg, freq range 100 to 200 kc; 0.937" lg x 0.750" wd x 1.25" h o/a excluding term; air core; two tapped mtg holes in base; five solder lug term.  |                     |         |                        |                |                |                        | CAVN | 350-0003                   | CAVN        | 350-0003                    | LAL               |

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SHEET 47-420

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SHEET 47-421

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO        | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|-----------------|----------------|-----------------------|------------|----------------------------|------------|------------------------------------|-------------------|
| -471720               | RF TRANSFORMER:<br>1/14/46<br>peak freq 455 kc, 50 kc band wd; 2 7/32" h x 1 15/16" wd x 1 3/8" d; input impedance 300000 ohms, output impedance 3000 ohms; rectangular metal can; 2 mtg studs 1 1/2" c to c; 4 solder lug term; c/o 1 adj iron core coil, 1 mica capacitor 100 mmf, 500v, DC, and 1 resistor 4700 ohms, 1/2w.  |                     |        | 16-F-32667-3105        | N16-T-18573     |                |                       | CFT        | RF-2102-3                  | CFT        | RF-2102-3 rev D                    | DAU               |
| -471721               | COIL ASSEMBLY, RF:<br>1/14/46<br>peak freq 455 kc, 50 kc band wd; 2 7/32" h x 1 15/16" wd x 1 3/8" d; input impedance 300000 ohms, output impedance 3000 ohms; rectangular metal can; 2 mtg studs #4-40 thd x 5/16" lg, 1 1/2" c to c; 3 solder lug term; c/o 1 adj iron core coil and 1 mica capacitor 100 mmf, 500v, DC.  |                     |        | 16-F-32667-3100        | N16-T-18526-241 |                |                       | CFT<br>CFT | RF-2105-3<br>RF-2100-3     | CFT<br>CFT | RF-2105-3 rev D<br>RF-2100-3 rev E | DAU               |
| -471722               | RF TRANSFORMER:<br>1/14/46<br>peak freq 455 kc, 50 kc band wd; 2 9/32" h x 1 15/16" wd x 1 3/8" d, not incl term or tuning screw; input impedance 300000 ohms, output impedance 3000 ohms; rectangular metal can; 2 mtg studs #4-40 thd x 5/16" lg, 1 1/2" c to c; 4 solder lug term; c/o 1 adj iron core coil, 1 mica capacitor 100 mmf, 500v, DC, and 1 resistor 2200 ohms, 1/2w. |                     |        | 16-T-32667-3115        | N16-T-18574     |                |                       | CFT        | RF-2104-3                  | CFT        | RF-2104-3 rev D                    | DAU               |
|                       |   |                     |        |                        |                 |                |                       |            |                            |            |                                    |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-421

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SHEET 47-422

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S D STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|-----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471723               | RF TRANSFORMER: 1/15/46<br>peak freq 455 kc, band wd 380 to 530 kc; 2 9/32" h x 2" lg x 1 7/16" wd, excluding term and mtg studs; input and output impedance 200000 ohms; shielded rectangular metal can; 2 mtg studs 1 7/16" c to c; 2 solder lug term; "NL-45112-2" stamped on case, adj powdered iron core, incl 1 fixed resistor and 1 fixed capacitor. |                     |        | 16-F-32667-3219        | N16-T-18568-177 |                |                       | CFT | NL-45112-2                 | CFT        | NL-45112-2 rev B            | DAU               |
| -471724               | RF TRANSFORMER: 1/15/46<br>peak freq 455 kc, band width 380 to 530 kc; 2 9/32" h x 2" lg x 1 7/16" wd excluding term and mtg studs; rectangular metal can; 2 mtg studs 1 7/16" c to c; 3 solder lug term; "NL-45015-2" stamped on can, adj powdered iron core.  |                     |        | 16-F-32667-3176        | N16-T-18568-176 |                |                       | CFT | NL-45015-2                 | CFT        | NL-45015-2 rev B            | DAU               |
| -471725               | RF TRANSFORMER: 1/15/46<br>peak freq 455 kc, band width 380 to 530 kc; 2 9/32" h x 2" lg x 1 7/16" wd excluding term and mtg studs; input and output impedance 200000 ohms; rectangular metal can; 2 mtg studs 1 7/16" c to c; 3 solder lug term; "NL-45115-2" stamped on side, adj powdered iron core, incl 2 fixed resistors and 1 fixed capacitor.       |                     |        | 16-F-32667-3178        | N16-T-18568-178 |                |                       | CFT | NL-45115-2                 | CFT        | NL-45115-2 rev B            | DAU               |
|                       |   |                     |        |                        |                 |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                 |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                 |                |                       |     |                            |            |                             |                   |
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NAVSHIPS 900,109(A)  
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SHEET 47-423

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|-----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471726               | RF TRANSFORMER: 1/15/46<br>peak freq 455 kc w/band width 380 kc to 530 kc, 2 13/16" h x 2" lg x 1 7/16" wd incl mtg studs; 3300 ohms input and output impedance; rectangular metal shield can; two #4-40 thd x 5/16" lg mtg studs 1 7/16" c to c on bottom of can; 4 solder lug term on same end as mtg studs; incl coil w/190 turns #5-40 D, S, Litz wire, rated 550 microhenries, 7.3 ohms DC resistance, 1 fixed capacitor 100 mmf, 3 resistors, 100000 ohms, 150000 ohms, 1 meg, adj iron core v/scr adj, "NL-45123-2" stamped on side. |                     |        | 16-F-32667-3201        | N16-T-18926-239 |                |                       | CFT | NL-45123-2                 | CFT        | NL-45123-2 rev C            | DAU               |
| -471727               | TRANSFORMER ASSEMBLY, RF: 1/15/46<br>rec sense input; p/o NT-46243 Radio Receiver, u/w Navy model DAU; c/o two NT-63360-100 Fixed Resistors, two COC type H rotary wafer switches and NT-47576, NT-47577, NT-47578, NT-47579 RF Transformers; nominal tuned freq band #1, 1.5 to 3.1 mc, band #2, 3.1 to 6.6 mc, band #3, 6.6 to 14 mc, band #4, 14 to 30 mc; four round coil forms attached to mtg plate w/three layer band sw at side; 6 3/16" lg x 1 3/8" wd x 3 15/16" h o/a; two mtg holes 1 1/8" c to c on sw bkt.                    |                     |        | 16-R-33591-1061        | N16-T-7199-184  |                |                       | CFT | RF-2095-3                  | CFT        | RF-2095-3 rev F             | DAU               |
| -471728               | COIL, RF: 1/15/46<br>BFO coil; single vnd, tapped; shielded in rectangular metal can; peak freq 455 kc, rated 333 microhenries, c/o 146 turns #38 EDS wire; 4" b x 1 3/8" wd x 1 15/16" lg o/a excluding term, mtg studs and scr adj; adj iron core v/scr adj through end of can; two mtg studs 1 1/2" c to c on bottom of can; three solder lug term on bottom of can; incl one JAN type CM20A101M, one NT-48675-2 and one NT-481618 fixed CAPACITORS, and one NT-63360-104 fixed RESISTOR.  |                     |        | 16-C-76683-4051        | N16-T-18972     |                |                       | CFT | RF-2106-3                  | CFT        | RF-2106-3 rev E             | DAU               |

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NAVSHIPS 900,109(A)  
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SHEET 47-423

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SHEET 47-424

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | Z S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471729               | TRANSFORMER ASSEMBLY, RF: 1/15/46<br>directional channel input; p/o NT-46243 Radio Receiver; c/o two COC type H rotary switches, one NT-481595 and three NT-482176 Variable Air Capacitors and NT-47557, NT-47558, NT-47565, NT-47567 RF Transformers; non tuned freq band #1, 1.5 to 3.1 mc, band #2, 3.1 to 6.5 mc, band #3, 6.6 to 14 mc, band #4, 14 to 30 mc; 6 5/16" lg x 2 3/4" wd x 2 1/8" h o/a excluding term and scdr adj; two mtg holes 1 1/8" c to c on sv bkt.   |                     |        | 16-R-33591-1096        | N16-T-7199-183 |                |                       | CFT | RF-3430-3                  | CFT        | RF-3430-3 rev C             | DAU               |
| -471730               | COIL ASSEMBLY, RF: 1/15/46<br>150 kc peak freq, band wd 75 kc to 225 kc; 2 13/16" h x 2" lg x 1 7/16" wd, incl mtg studs; 18000 ohms input and output impedances; rectangular metal shield can; mtd by two #4-40 thd x 5/16" lg mtg studs 1 7/16" c to c on bottom of can; 3 solder lug term same end as mtg studs; incl coil 450 turns #5-40 DS Litz wire, rated 2500 microhenries, 19.2 ohms DC resistance, 1 fixed resistor 2000 ohms, 1 capacitor 300 mmf, adj iron core w/scdr adj, "NL-45137-2" stamped on can.    |                     |        | 16-F-32622-4603        |                |                |                       | CFT | NL-45137-2                 | CFT        | NL-45137-2 rev D            | DAU               |
| -471731               | COIL ASSEMBLY, RF: 1/15/46<br>150 kc peak freq, 75 kc to 225 kc band wd; 2 13/16" lg x 2" wd x 1 7/16" d, incl mtg studs; 18000 ohms input and output impedance; rectangular metal shield can; mtd by two #4-40 thd x 5/16" lg mtg studs 1 7/16" c to c on bottom of can; 3 solder lug term same ends as mtg studs; incl 1 fixed capacitor 500 mmf, 1 resistor of 2000 ohms, adj iron core w/scdr adj, "NL-45131-2" stamped on can, coil 360 turns #5-40 DS Litz wire, rated 1500 microhenries, 17.1 ohms DC resistance. |                     |        | 16-F-32622-4605        | N16-T-18551    |                |                       | CFT | NL-45131-2                 | CFT        | NL-45131-2 rev B            | DAU<br>DAH        |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR  | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN    |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|-----------------------|------|----------------------------|-------------|-----------------------------|----------------------|
| -471732               | COIL, RF: 1/15/46<br>used as secd of second IF stage; single wnd, universal wnd; shielded, rectangular metal can; freq 150 kc, rated 2500 microhenrys, 19.2 ohms DC resistance, c/o 450 turns #5-40 DS Litz wire; 2 9/32" h x 2" lg x 1 7/16" wd excluding term, and mtg studs; bakelite form; adj iron core; scdr adj one end of can; two mtg studs 1 7/16" c to c; two solder lug term same end as mtg studs; incl two fixed resistors and two fixed capacitors. |                     |        |                        | N16-T-18526-244 |                |                       | CFT  | NL-45145-2                 | CFT         | NL-45145-2D revD            | DAU                  |
| -471733               | COIL, RF: 1/15/46<br>used as secd of first IF stage; single wnd, universal wnd; shielded, rectangular metal can; freq 150 kc, rated 1500 microhenrys, 17.1 ohms DC resistance, c/o 360 turns #5-40 DS Litz wire; 2" lg x 1 7/16" wd x 2 9/32" h excluding term and mtg studs; bakelite form; adj iron core w/scdr adj one end of can; two mtg studs 1 7/16" c to c; two solder lug term same end as mtg studs; incl one fixed capacitor NF-484258-D5.              |                     |        |                        | N16-T-18526-243 |                |                       | CFT  | NL-45133-2                 | CFT         | NL-45133-2 revD             | DAU                  |
| -471734               | COIL, RF: 1/16/46<br>RF choke; single wnd, single pie basket wnd; unshielded; rated 35 microhenrys, 1.2 ohms DC resistance, c/o 59 turns #31DS copper wire; 3/8" lg x 15/32" OD o/a excluding leads; air core, bakelite form; mts by #4-40 thd hole through ctr of form; two wire lead term; varnish impr.   |                     |        | 16-C-73446-5084        | N16-C-13163-59  |                |                       | CACY | F142-A-147                 | CGZ<br>CACY | 124<br>F142-A147 alt2       | IAG (3)<br>IAG-1 (3) |
| -471735               | TRANSFORMER, RF: 1/16/46<br>step-up transf; two wnd, single layer wnd; shielded in round metal can; secd resonant freq 200 kc, 160 mmf distributed capacity, Q is 200, turns ratio pri to secd is 1 to 7; 1 5/8" OD x 1 1/2" h o/a excluding term; iron core; two mtg holes on bottom of can; four solder lug term on top of can.  |                     |        | 17-T-81031-1486        |                 |                |                       | CAVN | 350-0004                   | CAVN<br>CIV | 350-0004<br>PW17-129        | IAL                  |
|                       |  |                     |        |                        |                 |                |                       |      |                            |             |                             |                      |
|                       |  |                     |        |                        |                 |                |                       |      |                            |             |                             |                      |
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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

**RESTRICTED**

SHEET 47-426

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O S OCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO                           | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|---|-------------------|
| -471736               | TRANSFORMER, RF: 1/16/46<br>osc transf; two wnd, two pie wnd; shielded, rectangular metal can; freq range 530 to 680 kc, ea pie rated 302 microhenrys, c/o 140 turns #5-40 DS Litz wire tapped at 30 turns, 5.3 ohms DC resistance; 4" h x 1 15/16" lg x 1 15/16" wd excluding term and mtg studs; one wnd fixed iron core other wnd adj iron core; scdr adj one end of can; two mtg studs 1 15/16" c to c; seven solder lug term same end as mtg; NL-44958-3 stamped on can; incl five fixed resistors and seven fixed capacitors. |                     |        | 17-T-81415-9675        | N16-T-6149-248 |                |                       | CFT  | NL-44958-3                 | CFT        | NL-44958-3 revG                                       | DAU               |
| -471737               | COIL, RF: 1/21/46<br>osc coil; single wnd, universal wnd; unshielded; rated 162 millihenrys p/m 2% at 1,000 cyc in air, rated 233 millihenrys p/m 2% at 1,000 cyc w/iron core, c/o 4,775 turns #36ES wire, 615 ohms DC resistance; approx 1 3/8" OD x 1 7/8" h o/a excluding term and scdr adj; textolite form, iron core; adj iron core w/scdr adj through end of case; two 0.156" diam mtg holes 1 1/4" c to c; two solder lug term; encl in phenolic case and potted.  |                     |        | 16-C-76835-8066        |                |                |                       | CG   | K-43J974-1                 | CG         | K-43J974-1 rev1<br>M-32J440-1                         | SM-1 (3)          |
| -471738               | COIL, RF: 1/21/46<br>osc coil; single wnd, universal wnd; unshielded; rated 21.5 millihenrys at 1,000 cyc in air, rated 33.3 millihenrys at 1,000 cyc w/iron core; c/o 1,450 turns #36ES wire, 119 ohms DC resistance; 1 5/8" OD x 1 47/64" lg approx; textolite form, iron core; adj iron core w/scdr adj through end of case; two mtg holes 5/32" diam 1 1/4" c to c; two solder lug term; encl in phenolic case and potted.  |                     |        | 16-C-76785-6495        |                |                |                       | CG   | K-43J560-1                 | CG         | K-43J560-1 rev5<br>M-32J440-2 rev5<br>M-32J440-3 rev5 | SM-1 (3)          |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |   |                   |

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NAVSHIPS 900,109(A)  
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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO      | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|----------------------------------|-------------------|
| -471739               | COIL, RF: 1/21/46<br>filter choke; single wnd, three pie universal wnd; unshielded; rated 125 microhenrys p/m 4% at 1000 cyc, 1.55 ohms DC resistance, ea pie c/o 46 turns #29 ES wire; approx 39/64" OD x 1 3/4" lg o/a; phenolic form, air core; one #6-32 thd x 5/16" d mtg hole ctr in end of form; two solder lug term; varnish impr.  |                     |        | 16-C-75603-2236        | HL6-C-13188    |                |                       |     |                            | CG         | K-431160-3 rev4<br>Y-37J169 rev4 | SM(6)<br>SM-1(23) |
| -471740               | TRANSFORMER, IF: 1/22/46<br>peak freq 1600 kc; fourth IF stage; shielded in rectangular metal can; 1 7/8" lg x 1 7/16" wd x 4" h o/a excluding leads, mtg studs and sdr adj; bakelite form, iron core; tuned pri and secd; variable mica capacitors w/two sdr adj through top of can; mts by two spade bolts 1 3/8" c to c on bottom of can; eight wire bus bar term from bottom of can; pri rated 74 microhenrys, secd rated 80 microhenrys, incl two fixed resistors, two variable mica capacitors and four fixed capacitors, impr.               |                     |        | 17-T-67757-8061        |                |                |                       | CWV |                            | CWV<br>CDU | C-5185<br>20-256                 | UJ                |
| -471741               | TRANSFORMER, IF: 1/22/46<br>peak freq 1600 kc; second or third IF stage; shielded in rectangular metal can; 1 7/8" lg x 1 7/16" wd x 4" h o/a excluding leads, mtg studs and sdr adj; bakelite form, iron core; tuned pri and secd; variable mica capacitor tuning w/two sdr adj through top of can; mts by two spade bolts 1 3/8" c to c on bottom of can; ten wire bus bar term from bottom of can; pri rated 74 microhenrys, secd rated 80 microhenrys, incl five fixed resistors, two variable mica capacitors and five fixed capacitors, impr. |                     |        | 17-T-67757-8041        |                |                |                       | CWV |                            | CWV<br>CDU | C-5185<br>20-257                 | UJ                |
| -471742               | TRANSFORMER, IF: 1/22/46<br>peak freq 1600 kc; first IF stage; shielded in rectangular metal can; 1 7/8" lg x 1 7/16" wd x 4" h o/a excluding leads, mtg studs and sdr; bakelite form, iron core; tuned pri and secd; variable mica capacitor tuning w/two sdr adj through top of can; mts by two spade bolts 1 3/8" c to c on bottom of can; ten wire bus bar term from bottom of can; pri rated 74 microhenrys secd rated 80 microhenrys, incl five fixed resistors, two variable mica capacitors and five fixed capacitors, impr.                |                     |        | 17-T-67757-8021        |                |                |                       | CWV |                            | CWV<br>CDU | C-5185<br>20-258                 | UJ                |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-427

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SHEET 47-428

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN  |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|--|
| -471743               | COIL, RF: 1/23/46<br>RF choke; single wnd, universal wnd; unshielded; rated 1.6 to 1.8 millihenrys at 1000 cps, c/o 300 turns #30 DC wire; 1 9/16" h x 1 3/8" OD o/a; isolantite form, air core; one #8-32 thd x 3/8" d mtg hole ctr in end of form; two cotter pin term; impr.<br>NOTE: TCU-1; TCU-2.  |                     |        | 16-C-74509-7646        | N16-C-13220    |                |                       | CG   | ML-7462709-1               | CG         | ML-7462709-1rev4            | TBC-2 thru<br>TBC-5<br>TCM thru<br>TCM-2<br>TCN<br>TCN-1<br>TCU<br>SEE NOTE    |
| -471744               | TRANSFORMER, RF: 1/23/46<br>blocking oso transf; two wnd, single layer wnd; shielded in rectangular metal can; pri rated 17.7 millihenrys at 1000 cyc w/1v across wnd, secd rated 70 millihenrys at 1000 cyc w/2v across wnd, secd impedance 300 ohms min at 2v, 1000 cyc; 1 3/4" wd x 2 1/4" lg x 1 5/8" h o/a excluding leads; iron core; two mtg holes 1 7/8" c to c on mtg bkt; four color coded wire lead term from bottom of can. |                     |        | 17-T-81254-2479        |                |                |                       | CBAS | KX-384-316                 | CDU        | DD-5040-B-4                 | UJ   |
| -471745               | COIL, RF: 1/23/46<br>RF choke; single wnd, universal wnd; unshielded; rated 730 to 780 microhenrys at 1000 cps, c/o 200 turns #30 DC wire; 1 9/16" h x 1 3/16" OD o/a; one #8-32 thd x 3/8" d mtg hole ctr in end of form; two cotter pin term; impr.<br>NOTE: TCN(4); TCN-1(4); TCU(4); TCU-1(4); TCU-2(2).  |                     |        | 16-C-74249-5501        | N16-C-13210    |                |                       | CG   | ML-7462716-1               | CG         | ML-7462716-2sub6            | TBC-2(3)<br>TBC-3(3)<br>TBC-4(4)<br>TBC-5(4)<br>TCM(4)<br>TCM-1(4)<br>SEE NOTE |
| -471746               | COIL, RF: 1/23/46<br>RF choke; single wnd, universal wnd; unshielded; rated 385 to 415 microhenrys at 1000 cps, c/o 150 turns #30 DC wire; 1 9/16" lg x 1 3/16" OD o/a; #8-32 thd x 3/8" d mtg hole ctr in end of form; two cotter pin term; impr.<br>NOTE: TCN-1(5); TCU(5); TCU-1(5); TCU-2(5).   |                     |        | 16-C-74098-5652        | N16-C-13205    |                |                       | CG   | ML-7462716-2               | CG         | ML-7462716-10<br>sub6       | TBC-2(2)<br>thru<br>TBC-5(2)<br>TCM(5)<br>TCM-1(5)<br>TCN(5)<br>SEE NOTE       |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |  |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |  |
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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
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SHEET 47-428

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR        | CONTRACTOR'S DWG OR PART NO                  | EQUIPMENT USED IN   |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|-------------------|--|---------------------|
| -471747               | COIL, RF: 1/24/46<br>RF choke; two wnd, ea solenoid wnd; unshielded; rated 14 microhenrys at 5 amp, ea wnd o/o 35 turns #21 E wire w/0.15 ohms DC resistance; approx 1.17/32" h x 5" lg x 5/8" wd o/a; porcelain form, air core; two 5/32" diam mtg holes 3/4" c to c in mtg feet; four solder lug term on top.  |                     |        | 16-C-75850-6572        | ML6-C-13279-19 |                |                       | COM        | Z-20                       | COM               | A-1316-18 rev0                               | SM(2)<br>SM-1(4)    |
| -471748               | RF CHOKE: 1/24/46<br>RF choke; single wnd, multi-layer wnd; unshielded; inductance 2.3 millihenrys 1320 turns #26 E wire approx 7 ohms p/m 5% DC resistance; 4 1/2" lg x 7/8" OD, o/a; texolite form, air core; 2 solder lug term on top; varnished.   |                     |        | 16-C-74614-7729        |                |                |                       |            |                            | CG                | X-7889418-1 rev3                             | SM (4)<br>SM-1 (12) |
| -471749               | COIL, RF: 1/24/46<br>RF choke; single wnd, fourteen pie universal wnd; unshielded; rated 5 millihenrys at 100 ma, 23.5 DC resistance; 11 1/8" lg x 1 3/4" OD o/a excluding mtg strap; air core, phenolic form; single mtg strap w/ 13/32" diam mtg hole; two solder lug term; vacuum impr.   |                     |        | 16-C-74904-7260        |                |                |                       | CFW        |                            | CG<br>CAY         | M-7467783-1 rev1<br>7408547                  | SM<br>SM-1(3)       |
| -471750               | TRANSFORMER, IF: 1/24/46<br>peak freq 6.5 mc; first and second IF stage; shielded in rectangular aluminum can; approx 1 5/16" lg x 1 5/16" wd x 3 1/2" h o/a excluding term, mtg studs and eodr adj; tuned pri and secd; two adj powdered iron core tuning w/eodr adj through bottom of can; two mtg studs 1 3/8" c to c on bottom of can; six solder lug term on bottom of can, two are dummy term; incl two 51 muf fixed mica capacitors and one 15,000 ohm, 1/2w fixed resistor; similar to NI-471754 except for variation in spacing between windings. |                     |        | 17-T-67909-3794        |                |                |                       | CPN<br>CPN | L2-5010<br>L2-5011         | CPN<br>CPN<br>CPN | L2-5010 revA<br>P2-5032 rev0<br>L2-5011 revA | RCK-1               |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

**RESTRICTED**

SHEET 47-430

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO  | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|------------------------------|-------------------|
| -471751               | TRANSFORMER, IF: 1/25/46<br>CANCELLED: same as NP-471750.   |                     |        |                        |                |                |                       | CPN | L2-5011                    | CPN        | L2-5011 revA<br>P2-5032      | RGX-1             |
| -471752               | TRANSFORMER, RF: 1/25/46<br>output transf; two wnd, single layer wnd; shielded in rectangular aluminum can; peak freq 30 mc, pri c/o 11 turns #32 SE wire, secd c/o 9 turns #32 SE wire; approx 1 5/16" lg x 1 5/16" wd x 3 1/2" h o/a excluding term, mtg studs and scdr adj; adj iron core w/scdr adj through bottom of can; two mtg studs 1 3/8" c to c on bottom of can; six solder lug term on bottom, two are dummy term; wax Impr; incl two 5 mmf fixed ceramic capacitors and one 5100 ohm, 1/2w fixed resistor.                  |                     |        | 17-T-81463-1866        |                |                |                       | CPN | L2-5021                    | CPN        | L2-5021 revA<br>P2-5032 rev0 | RGX-1             |
| -471753               | TRANSFORMER, RF: 1/25/46<br>input transf; two wnd, single layer wnd; shielded in rectangular aluminum can; peak freq 30 mc, pri c/o 17 1/2 turns #32 SE wire tapped at 14 turns, secd c/o 8 turns #32 SE wire; approx 1 5/16" lg x 1 5/16" wd x 3 1/2" h o/a excluding term, mtg studs and scdr adj; adj iron core w/scdr adj through bottom of can; two mtg studs 1 3/8" c to c on bottom of can; six solder lug term on bottom, two are dummy term; wax Impr; incl three 5 mmf fixed ceramic capacitors and one 100 ohm, 1/2w resistor. |                     |        | 17-T-81463-1586        |                |                |                       | CPN | L2-5022                    | CPN        | L2-5022 revA<br>P2-5032 rev0 | RGX-1             |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-430

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SHEET 47-431

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR        | CONTRACTOR'S DWE OR PART NO                   | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|-------------------|---|-------------------|
| -471754               | TRANSFORMER, IF: 1/25/46<br>peak freq 6.5 mc; first and second IF stage; shielded in rectangular aluminum can; approx 1 5/16" lg x 1 5/16" wd x 3 1/2" h o/a excluding term, mtg studs and scdr adj; tuned pri and secd; two adj powdered iron cores v/secr adj through bottom of can; two mtg studs 1 3/8" c to c; six solder lug term on bottom of can, two are dummy term; incl two 51 mmf fixed mica capacitors and one 15,000 ohm, 1/2w fixed resistor; similar to NT-471750 except for the variation in spacing between windings. |                     |        | 17-T-67909-3799        | N16-T-7002-2   |                |                       | CPN<br>CPN | L2-5023<br>L2-5024         | CPN<br>CPN<br>CPN | L2-5023 .revA<br>P2-5032 rev0<br>L2-5024 revA | RCX-1<br>REJ      |
| -471755               | TRANSFORMER, IF: 1/25/46<br>CANCELLED: same as NT-471754.   |                     |        |                        | N16-T-7002-1   |                |                       | CPN        | L2-5024                    | CPN<br>CPN        | L2-5024 revA<br>P2-5032 rev0                  | RCX-1<br>REJ      |
| -471756               | RF TRANSFORMER: 1/25/46<br>RF transf; 2 wnd, single layer wnd; rect aluminum shield; two 5 mmf ceramic capacitors; pri 11 turns #32 AWG S E wire, secd 9 turns #32 AWG S E wire; 4 1/16" lg x 1 15/16" wd x 1 15/16" h o/a; powdered iron core, bakelite form; adj iron cores; scdr adj on bottom and top; 2 mtg studs on bottom; 5 solder lug term on bottom; ckt symbol stamped on bottom; wax impr freq 30 mc.   |                     |        | 17-T-61689-3875        | N16-T-7001-20  |                |                       | CPN        | L2-5026                    | CPN<br>CPN        | L2-5026 rev A<br>P2-5032                      | RCX-1<br>REJ      |
|                       |   |                     |        |                        |                |                |                       |            |                            |                   |   |                   |
|                       |   |                     |        |                        |                |                |                       |            |                            |                   |   |                   |

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NAVSHIPS 900,109(A)  
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SHEET 47-431

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SHEET 47-432

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O ST CK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471757               | TRANSFORMER, RF: 1/25/46<br>RF trans; two wnd, single layer wnd; shielded in rectangular aluminum can; peak freq 30 mc, pri o/o 17 1/2 turns #36 SE wire tapped at 14 turns, secd c/o 8 turns #36 SE wire; approx 1 5/16" lg x 1 5/16" wd x 3 1/2" h o/a excluding term, mtg studs and scdr adj; adj iron core w/secr adj through bottom of can; two mtg studs 1 3/8" c to c on bottom of can; six solder lug term on bottom, two are dummy term; wax impr, incl two 5 mmf fixed ceramic capacitors. |                     |        |                        | N16-T-7001-10  |                |                       | CEN | L2-5027                    | CEN        | L2-5027 revA<br>P2-5032     | RCC-1<br>REJ      |
| -471758               | TRANSFORMER, RF: 1/29/46<br>sense loop; two wnd, single layer wnd; unshielded; pri rated 1.6 microhenrys at 1000 cps, secd rated 1.8 microhenrys at 1000 cps, mutual inductance 1.18 microhenrys; approx 13/16" OD x 1 5/8" lg o/a excluding term, mtg stud and scdr adj; phenolic form; slug tuned adj iron core w/secr adj at end of form through mtg stud; single #12-24 thd x 7/16" lg mtg stud at end of form; five solder lug term; wax impr; electrostatic shield between pri and secd wnd.   |                     |        | 17-T-81520-8939        |                |                |                       | OFT | NL-50966-30                |            |                             | DAX               |
| -471759               | TRANSFORMER, RF: 1/29/46<br>sense coil; two wnd, single layer wnd; unshielded w/phenolic end plates; pri rated 0.9 microhenrys at 1000 cps, secd rated 3.7 microhenrys at 1000 cps, mutual inductance 5.2 microhenrys; approx 1" lg x 1/2" wd x 1 1/4" h o/a excluding term; powdered iron core; single #4-40 thd mtg stud at one end; four solder lug term on mtg plate at end of coil; Zopher wax impr; electrostatic shield between pri and secd wnd.   |                     |        | 17-T-81893-7715        |                |                |                       | OFT |                            | OFT        | NL-50308-2-1<br>revC        | DAX               |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
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|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

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NAVSHIPS 900.109(A)  
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SHEET 47-432

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SHEET 47-433

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471760               | TRANSFORMER, RF: 1/29/46<br>sense coil; two wnd, single layer wnd; unshielded w/phenolic end plates; pri rated 0.9 microhenrys at 1000 cps, secd rated 4.5 microhenrys at 1000 cps, mutual inductance 1.75 microhenrys; approx 1 1/2" wd x 1" lg x 1 1/4" h o/a excluding term; powdered iron core; single #4-40 thd mtg stud at one end; four solder lug term on mtg plate at end of coil; Zophar wax impr; electrostatic shield between pri and secd wnd. |                     |        | 17-T-81893-7725        |                |                |                       | CFT  |                            | CFT        | NL-50308-2-2<br>revC        | DAX               |
| -471761               | TRANSFORMER, RF: 1/29/46<br>sense coil; two wnd, single layer wnd; unshielded w/phenolic end plates; pri rated 0.9 microhenrys at 1000 cps, secd rated 1 microhenry at 1000 cps, mutual inductance 0.85 microhenrys; approx 1/2" wd x 1" lg x 1 1/4" h o/a excluding term; powdered iron core; single #4-40 thd mtg stud at one end; four solder lug term on mtg plate at end of coil; Zophar wax impr; electrostatic shield between pri and secd wnd.      |                     |        | 17-T-81893-7705        |                |                |                       | CFT  |                            | CFT        | NL-50308-2-3<br>revC        | DAX               |
| -471762               | TRANSFORMER, RF: 1/29/46<br>two wnd, single layer wnd; unshielded; pri rated 1.2 microhenrys at 1,000 cps, secd rated 34 microhenrys at 1,000 cps, mutual inductance 0.2 microhenrys; approx 2" lg x 5/8" OD o/a excluding term and scdr adj, phenolic form; adj iron core w/scdr adj at end of form through mtg studs; single #12-24 thd mtg stud at end of form; four solder lug term; Zophar wax impr.   |                     |        | 17-T-82269-7139        |                |                |                       |      |                            | CFT        | NL-50312-2 revC             | DAX               |
| -471763               | TRANSFORMER, RF: 1/30/46<br>two wnd, single layer wnd; unshielded; pri rated 0.5 microhenrys at 1,000 cps, secd rated 5.3 microhenrys at 1,000 cps, mutual inductance 0.06 microhenrys; approx 2" lg x 5/8" OD o/a excluding term and scdr adj, phenolic form; adj iron core w/scdr adj at end of form through mtg stud; single #12-24 thd mtg stud at end of form; four solder lug term; Zophar wax impr.  |                     |        | 17-T-82267-6239        |                |                |                       |      |                            | CFT        | NL-50317-2 revC             | DAX               |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-433

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SHEET 47-434

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFOR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471764               | TRANSFORMER, RF: 1/30/46<br>two wnd, single layer wnd; unshielded; pri rated 0.35 microhenrys at 1,000 cps, secd rated 0.8 microhenrys at 1,000 cps, mutual inductance 0.015 microhenrys; approx 2" lg x 5" OD o/a excluding term and scdr adj; phenolic form; adj iron core w/scdr adj at end of form through mtg stud; single #12-24 thd mtg stud at end of form; four solder lug term; Zophar wax impr.                      |                     |        | 17-T-82266-9839        |                |                |                       |      |                            | CFT        | NL-50319-2 revD             | DAX               |
| -471765               | TRANSFORMER, RF: 1/30/46<br>used in mixer stage; two wnd, single layer wnd; unshielded; pri rated 6.4 microhenrys at 1,000 cyc, secd rated 34 microhenrys at 1,000 cyc, mutual inductance 5.7 microhenrys; approx 2" lg x 5/8" OD o/a excluding term and scdr adj; phenolic form; adj iron core w/scdr adj at end of form through mtg stud; single #12-24 thd mtg stud at end of form; four solder lug term; Zophar wax impr.   |                     |        | 17-T-82285-3539        |                |                |                       |      |                            | CFT        | NL-50321-2-1revC            | DAX               |
| -471766               | TRANSFORMER, RF: 1/30/46<br>used in mixer stage; two wnd, single layer wnd; unshielded; pri rated 2.9 microhenrys at 1,000 cps, secd rated 5.3 microhenrys at 1,000 cps, mutual inductance 1.5 microhenrys; approx 2" lg x 5/8" OD o/a excluding term and scdr adj; phenolic form; adj iron core w/scdr adj at end of form through mtg studs; single #12-24 thd mtg stud at end of form; four solder lug term; Zophar wax impr. |                     |        | 17-T-82274-8139        |                |                |                       |      |                            | CFT        | NL-50323-2 revB             | DAX               |
| -471767               | TRANSFORMER, RF: 1/30/46<br>osc transf; two wnd, single layer wnd; unshielded; pri rated 5.9 microhenrys at 1,000 cps, secd rated 26 microhenrys at 1,000 cps, mutual inductance 4.7 microhenrys; 2" lg x 5/8" OD o/a excluding term and scdr adj; phenolic form; adj iron core w/scdr adj at end of form through mtg stud; single #12-24 thd mtg stud at end of form; four solder lug term; Zophar wax impr.                   |                     |        | 17-T-82283-8039        |                |                |                       |      |                            | CFT        | NL-50321-2-2revC            | DAX               |

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NAVSHIPS 900,109(A)  
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SHEET 47-435

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471768               | TRANSFORMER, RF: 1/30/46<br>osc transf; two wnd, single layer wnd; unshielded; pri rated 2.9 microhenrys at 1,000 cps, secd rated 5 microhenrys at 1,000 cps, mutual inductance 1.3 microhenrys; approx 2" lg x 5/8" OD o/a excluding term and scdr adj; phenolic form; adj iron core w/scdr adj at end of form through mtg stud; single #12-24 thd mtg stud at end of form; four solder lug term; Zophar wax impr.            |                     |        | 17-T-82274-8079        |                 |                |                       | CFT | NL-90327-2                 | CFT        | NL-50327-2 revD             | DAX               |
| -471769               | TRANSFORMER, RF: 1/30/46<br>used in mixer stage; two wnd, single layer wnd; unshielded; pri rated 0.4 microhenrys at 1,000 cps, secd rated 0.8 microhenrys at 1,000 cps, mutual inductance 0.3 microhenrys; approx 2" lg x 5/8" OD o/a excluding term and scdr adj; phenolic form; adj iron core w/scdr adj at end of form through mtg stud; single #12-24 thd mtg stud at end of form; four solder lug term; Zophar wax impr. |                     |        | 17-T-82267-3539        |                 |                |                       |     |                            | CFT        | NL-50325-2 revD             | DAX               |
| -471770               | COIL, RF: 1/30/46<br>RF choke; single wnd, universal wnd; unshielded; rated 100 microhenrys p/m 10% at 1,000 cps, c/o 105 turns #38ES wire; 1" lg x 0.562" OD o/a excluding leads; bakelite form; mts by two axial wire lead term; vacuum varnish impr.  |                     |        | 16-C-73749-2872        | N16-RC-17852-30 |                |                       | CGG | 24112156                   | CGG        | 24112156 188A               | AN/CPN-6          |
| -471771               | COIL, RF: 1/31/46<br>RF choke; single wnd, three pie universal wnd for 150 turns and single layer wnd for 40 turns; unshielded; rated 0.61 millihenrys at 1.27 amp, 0.76 ohms DC resistance; 4 3/4" lg x 1 1/2" OD o/a; bakelite form; adj iron core w/scdr adj at end of form; single mtg stud on end opposite scdr adj; incl bakelite plug at one end of coil and a brass insert at mtg end.                                 |                     |        | 16-S-89767-7283        |                 |                |                       | CRV | K-121369-501               | CRV        | K-121369-501subD            | FRA               |
|                       |  |                     |        |                        |                 |                |                       |     |                            |            |                             |                   |
|                       |  |                     |        |                        |                 |                |                       |     |                            |            |                             |                   |
|                       |  |                     |        |                        |                 |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-435

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SHEET 47-436

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OF PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471772               | REACTOR: 1/31/46<br>filter choke; single sect; 80 by at 0 amp DC; 400 ohms DC resistance; 1500v RMS test; BS metal case; 2 5/16" lg x 2 5/16" wd x 2 5/8" h o/a excluding term; four 0.160" diam mtg holes on 1.937 x 1.937 mtg/c in mtg fl; two solder lug term on top of case; impedance 25,000 ohms min to 35,000 ohms max at 3v, 60 cyc, vacuum impr, oil filled.   |                     |        | 16-R-29510-5501        | HL6-C-13010-21 |                |                       | CBDR |                            | CRV        | K-121345-1 sub0             | FRA               |
| -471773               | TRANSFORMER, RF: 1/31/46<br>oac transf; two wnd, one single layer wnd, one cumulative wnd; shielded in rectangular aluminum can; 1" lg x 1 3/8" wd x 2 3/4" h o/a excluding term mgt stud and ocdr adj; bakelite form adj iron core w/acdr adj thru top of can; two #4-40 tbd x 13/64" lg mtg studs 1 1/8" c to c on bottom of can; four solder lug term on bottom; incl a 510 mmf fixed mica capacitor; impr for tropical use. |                     |        | 17-T-81711-6277        |                |                |                       | CRV  | 122210-501                 | CRV        | M-122210-501 sub 1          | FRA               |
| -471774               | COIL, RF: 1/31/46<br>RF filter choke, integral type; two wnd, dual single layer wnd; unshielded; ea wnd c/o 30 turns #28EDC wire; 2 5/32" lg x 1 3/16" diam o/a; bakelite form, air core; mts by a #4-40 thd screw into tapped mtg bkt; four solder lug term, two at ea end of form; impr for tropical use.   |                     |        | 16-C-75822-1251        |                |                |                       | CRV  | 121744-501                 | CRV        | K-121744-501sub2            | FRA               |
| -471775               | COIL, RF: 1/31/46<br>filter choke, integral type; two wnd, dual single layer wnd; unshielded; ea wnd c/o 25 turns #28EDC wire; 2 5/32" lg x 1 3/16" diam, o/a; bakelite form, air core; mts by a #4-40 thd screw into tapped mtg bkt; four solder lug term, two at ea end of form; impr for tropical uses.  |                     |        | 16-C-75818-8058        |                |                |                       | CRV  | 121744-502                 | CRV        | K-121744-502sub2            | FRA               |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-436

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SHEET 47-437

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471776               | COIL, RF: 1/31/46<br>RF filter choke, integral type; single wnd, single layer wnd; unshielded; c/o 25 turns #28BDC wire; 2 5/32" lg x 1 3/16" OD o/a; bakelite form, air core; mts by a #4-40 thd screw into tapped mtg bkt; two solder lugs one at ea end of form; impr for tropical use.   |                     |        | 16-C-72389-6744        | N16-0-13005-12 |                |                       | CRV  | 121744-503                 | CRV        | X-121744-503sub2            | FRA               |
| -471777               | TRANSFORMER, IF: 1/31/46<br>peak freq 400 kc; input transf used in amplifier stage; shielded in rectangular metal can; 1 1/4" lg x 1" wd x 3 1/8" h o/a; tuned secd only; adj powdered iron core w/secr adj through top of can; two mtg studs 1 1/16" c to c on bottom of can; four solder lug term on bottom of can; incl a 120 mmf fixed mica capacitor, impr for tropical use.      |                     |        | 17-T-67568-7305        | N16-T-18506    |                |                       | CRV  | M-122209-501               | CRV        | M-122209-501<br>sub1        | FRA               |
| -471778               | COIL, RF: 1/31/46<br>IF coil used in limited stage; single wnd, four pie universal wnd; shielded in rectangular metal can; peak freq 400 kc; 1 1/4" lg x 1" wd x 3 1/8" h o/a; adj iron core w/secr adj through top of can; two mtg studs 1 1/16" c to c on bottom of can; four solder lug term on bottom, two are dummy term; incl a 120 mmf fixed capacitor; impr for tropical use.  |                     |        |                        | N16-T-18506    |                |                       | CRV  | M-122209-502               | CRV        | M-122209-502sub1            | FRA               |
| -471779               | TRANSFORMER, IF: 1/31/46<br>peak freq 400 kc; used in discriminator stage; shielded in rectangular metal can; 1 1/4" lg x 1" wd x 3 1/8" h o/a; tuned pri and secd; adj powdered iron core w/secr adj through top and bottom of can; two mtg studs 1 1/16" c to c on bottom of can; four solder lug term on bottom of can; incl a 180 mmf fixed mica capacitor, impr for tropical use. |                     |        | 17-T-67569-7027        |                |                |                       | CRV  | M-122209-503               | CRV        | M-122209-503<br>sub1        | FRA               |

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SUPPLEMENT # 1

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SHEET 47-438

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO         | EQUIPMENT USED IN  |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-------------------------------------|--|
| -471780               | COIL, RF: 1/31/46<br>retardation coil; single wnd, solenoid wnd; unshielded; rated 20 to 55 microhenries, 1.9 ohms DC resistance, c/o 75 turns #34 E wire; 2 3/4" lg x 7/8" wd x 19/32" h o/a; phenolic form; adj iron core w/hex head adj screw at one end of core; single 0.128" diam mtg hole in mtg bkt 13/32" from ctr of adj screw; two solder ring term on side; fungusproof.              |                     |        | 16-C-76631-2982        |                | R16-WED-175046 |                       | CW  | D-175046                   | CW         | BA-113380 1es 1                     | TS-239/UP  |
| -471781               | COIL, RF: 1/32/46<br>grid choke; single wnd, single layer wnd; unshielded; rated 105 to 120 microhenries resonant freq 12000 to 13000 kc, c/o 100 turns #25 EDC wire, 1.1 ohms DC resistance; 4" lg x 1 7/8" h x 1 1/2" wd o/a; isolantite form, air core, form 1" OD x 4" lg; two 0.154" diam mtg holes 3 5/8" c to c on mtg bkt; two solder lug term on bottom.                                 |                     |        | 16-C-73803-8558        |                |                |                       | CG  | ML-7462772-1               | CG         | M-7462772-1 rev2                    | TCM thru<br>TCN-2<br>TCN<br>TCN-1<br>TCU thru<br>TCU-2               |
| -471782               | RF CHOKE: 1/30/46<br>RF choke; single wnd, universal pie wnd, 2 crosses per turn; unshielded; inductance 595 millihenries p/m 10% at 1000 cyc, 575 turns 0.018" diam EDC wire, 23.5 ohms DC resistance, freq 800 to 900 kc; 1 7/8" lg x 1 5/8" OD, o/a; isolantite form; 1 13/16" lg x 1/2" OD; single #8-32 thd x 3/8" d mtg hole ctr in end of form; 2 cotter pin term on side; glyptal coated. |                     |        | 16-C-74943-7567        | R16-C-13195    |                |                       | CG  | M-7462718-1                | CG         | ML-7462718-1rev3<br>K-7871235 rev 0 | TCN<br>TCM<br>TCM-1<br>TCN-1   |
| -471783               | COIL, RF: 2/4/46<br>RF choke; single wnd, universal wnd; unshielded; rated 15.5 to 17 millihenrys at 1,000 cyc, c/o 900 turns #30KDC wire, 50 ohms DC resistance, resonant freq 400 to 500 kc; 1 7/8" h x 2 1/8" OD o/a; isolantite form, air core; single #8-32 thd x 3/8" d mtg hole ctr in end of form; two cotter pin term on side.   |                     |        | 16-C-75249-1126        | R16-C-13199    |                |                       | CG  | M-7462717-1                | CG         | M-7462717-2 rev3<br>K-7871235 rev0  | TCN (2)<br>TCM (2)<br>TCM-1 (2)<br>TCN-1 (2)<br>TCU (2)<br>TCU-1 (2) |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                                     |  |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                                     |  |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                                     |  |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                                     |  |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-438

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SHEET 47-439

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFG | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO        | EQUIPMENT USED IN  |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|------------------------------------|--|
| -471784               | COIL, RF: 2/4/46<br>RF choke; single wnd, two pie universal wnd; unshielded; rated 2 to 2.5 millihenrys, c/o 235 turns #26EDC wire, 3.5 ohms DC resistance, resonant freq 1,500 to 2,000 kc; 2 3/8" h x 1 1/2" OD o/a; isolantite form, air core; single #8-32 thd x 3/8" d mtg hole ctr in end of form; two cotter pin term on side.   |                     |        | 16-C-74606-6106        | M16-C-13215    |                |                       | CG  | M-7462712-1                | CG         | ML-7462712-2rev2<br>K-7871255 rev0 | TCN<br>TCM<br>TCM-1<br>TCN-1<br>TCU<br>TCU-1   |
| -471785               | COIL, RF: 1/30/46<br>RF choke; single wnd, universal wnd; unshielded; rated 100 to 130 microhenrys at 1,000 cyc, c/o 75 turns #30EDC wire, 0.66 ohms DC resistance, resonant freq 7500 to 8000 kc; 1 9/16" h x 1 3/8" OD o/a; isolantite form, air core; single #8-32 thd x 3/8" d mtg hole ctr in end of form; two cotter pin term on side; glyptal dipped, varnish impr.  |                     |        | 16-C-73805-6919        | M16-C-13200    |                |                       | CG  | M-7462716-3                | CG         | M-7462716-12rev6                   | TCM-1 (2)<br>TCM (2)<br>TCM-2 (2)<br>TCN (2)<br>TCN-1 (2)<br>TCU (2)<br>TCU-1 (2)<br>TCU-2 (2) |
| -471786               | COIL, RF: 2/15/46<br>RF choke; single wnd, six pie universal wnd; unshielded; rated 9.5 millihenrys, 8 mmf distributed capacity at 100 and 200 kc, Q is 80 at 100 kc, c/o 525 turn #7-42 Litz wire tapped at 63 and 180 turns, 52 ohms DC resistance; 2" lg x 1 5/8" diam o/a excluding term and mtg studs; ceramic form, air core; form 2" lg x 1 1/2" diam; two #4-40 thd mtg studs 1 3/4" c to c; four solder lug term around one end of form. |                     |        | 16-C-75050-4099        | M16-T-6416     |                |                       | CRR |                            | CRR        | AL73577 1seP<br>L73575 1seE        | IM-10 thru<br>IM-13<br>IM-18 thru<br>IM-20   |
| -471787               | COIL, tube deflection: 2/5/46<br>c/o eight coils mtd in a rectangular metal case; rated 136 millihenrys p/m 5% at 1,000 cyc, 2,500v RMS, 60 cyc test, ea coil c/o 1,080 turns #30SF wire w/40 ohms DC resistance; 3 5/16" lg x 3 5/16" wd x 2 1/4" wd o/a excluding leads; two mtg studs 1 3/8" c to c; sixteen color coded wire lead term.   |                     |        | 16-C-78187-6401        | M16-C-14650-16 |                |                       | CBC | 22426                      | CBC        | 22426 rev1                         | SK   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                                    |  |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                                    |  |

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

SHEET 47-439

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SHEET 47-440

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|----------------------------|-------------------|
| -471788               | TRANSFORMER, INPUT: 2/5/46<br>mixer coil; 2 wnd, close wnd, pri wnd over ctr of sec'd; unshielded; sec'd 15 turns #28 SE wire, 10.7 microhenries p/m 5/8 at 3 mc, pri 5 turns #28 SE wire 1.76 microhenries p/m 5/8 at 7 mc; 5/8" OD x 1" lg, o/a less mtg stud; ceramic form, powdered iron core; 1/2" OD x 1" lg form; mtd by #6-32 thd x 3/8" lg stud; 4 wire lead term; wax impr. |                     |        | 17-T-81896-4451        |                |                |                       |     |                            | CKB        | 46-5A014-1 ohgA            | RIA               |
| -471789               | COIL, RF: 3/19/46<br>single wnd, universal wnd; unshielded; rated 115 microhenrys, c/o 127 turns #7-41 Litz wire; 13/16" lg x 9/16" diam o/a excluding term; bakelite form, air core; 13/16" lg x 0.188" diam; mts by two copper wire lead term.  |                     |        | 16-C-73804-9061        | N16-C-14329    |                |                       | CRV | 719612-510                 | CRV        | P-719812-510<br>rev 9      | SR-2              |
| -471790               | RF CHOKE: 2/8/46<br>RF choke; single wnd, 3 pie universal wnd; rect aluminum shield; inductance 300 microhenries in air at 1000 cyc; 2" sq x 3 3/16" lg case dimen; iron core, bakelite form; adj iron core; scdr adj on top; 4 mtg studs 1/2" lg, #6-32 thd 1 5/8" c to c; 2 solder lug term on bottom; "K-54J897-1" stamped on can; wax impr capacitor JAN-CM35D512J, freq 100 kc.  |                     |        | 16-C-76682-6372        |                |                |                       |     |                            | CG         | X-54J897-1 rev 5           | VE-1              |
| -471791               | SUPPRESSOR, parasitic: 2/12/46<br>resistor and coil; 0.406" lg x 0.225" OD o/a excluding leads; coil rated 6 microhenrys p/m 5/8, c/o 35 turns #36ES wire, wnd on 3,000 ohms p/m 5/8 1/2w resistor; unshielded; mts by two wire lead term; wax impr.  |                     |        | 16-S-89740-9623        |                |                |                       | CHZ | CL-10019-4                 | CHZ        | CL-10019-4 100P9           | AN/CPX-3          |
| -471792               | SUPPRESSOR, parasitic: 2/12/46<br>resistor and coil; 0.406" lg x 0.225" OD o/a excluding leads; coil rated 6 microhenrys p/m 5/8, c/o 35 turns #36ES wire, wnd on 1,500 ohms p/m 5/8, 1/2w resistor; unshielded; mts by two wire lead term; wax impr.   |                     |        | 16-S-89740-7283        |                |                |                       | CHZ | CL-10019-5                 | CHZ        | CL-10019-5 100P9           | AN/CPX-3          |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO                 | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO     | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|--------------------------------|----------------|-----------------------|------|----------------------------|------------|--------------------------------|-------------------|
| -471793               | SUPPRESSOR, parasitic; 2/12/46<br>resistor and coil; 0.406" lg x 0.225" OD c/a excluding leads; coil rated 6 microhenrys p/m 7/8, c/o 35 turns #26ES wire, wnd on 4,700 ohms p/m 7/8, 1/2w resistor; unshielded; mts by two wire lead term; wax impr.   |                     |        | 16-8-89741-1865        |                                |                |                       | CBZ  | CI-10019-8                 | CBZ        | CI-10019-8 1seF9               | AN/CFX-3          |
| -471794               | COIL, RF: 2/15/46<br>single wnd, single pie wnd; unshielded; rated 60 millihenrys at 10v, 1,000 cys; 1" lg x 1 5/8" OD o/a; adj iron core w/scdr adj at end of coil form; three solder lug term on end of coil, one is dummy term; wax impr.  |                     |        | 16-c-76814-3701        |                                |                |                       | CAQB | 3576                       | CANQ       | A322                           | OBL-4             |
| -471795               | RF COIL: 2/18/46<br>RF coil; single wnd, universal wnd; round aluminum shield; inductance 14.74 millihenrys p/m 10% but adjusted to p/m 2% at 1000 cps, 63.13 ohms DC resistance, approx 1300 turns #34 ES wire; 1.770" lg x 1 5/8" OD, o/a; phenolic form, powdered iron core; adj iron core; scdr adj at top; mts by two 0.156" diam holes on 1 1/8" mtg/c; 2 solder lug term on bottom; ckt symbol stamped on side of housing. |                     |        | 16-c-76778-5983        | N16-C-13707                    |                |                       | CG   | K-47J343 rev 1             |            |                                | SQ                |
| -471796               | COIL, RF: 2/18/46<br>RF coil; single wnd, universal wnd; unshielded, encl in phenolic housing; rated 37.16 millihenrys p/m 7/8 at 1,000 cps, 180.5 ohms DC resistance, approx 2,400 turns #36ES wire; 1 5/8" diam x 2.197" h o/a excluding term and scdr adj; phenolic form; adj iron core w/scdr adj through top of housing; two 0.156" diam mtg holes 1 1/8" c to c; two solder lug term on bottom.                             |                     |        | 16-c-76794-8917        | N16-RC-17932<br>N16-C-13214-37 |                |                       | CG   | K-47J344                   | CG         | K-47J344 rev2                  | SQ                |
| -471797               | TRANSFORMER, RF: 2/18/46<br>oec transf; single wnd, single layer wnd, CT; unshielded; rated 250 millihenrys min to 360 millihenrys max at 1v, 1,000 cys, 35 ohms DC resistance; powdered iron core; inductance varied by means of extra iron slug which pivots on base increasing or decreasing magnetic field, adj by shaft; four mtg holes; three screw term on base assen.   |                     |        |                        |                                |                |                       | CG   | M-32J484-1                 | CG<br>CG   | M-32J484 rev4<br>M-48J255 rev1 | SQ                |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471798               | COIL, RF: 2/19/46<br>RF choke; single wnd, four pie universal wnd; unshielded; rated 2 millihenrys p/m 5%, ea pie c/o 173 turns #36SSE wire, 35 ohms DC resistance, 200 mmf distributed capacity and Q is 50 at 252 kc; 7/8" lg x 19/32" OD o/a excluding leads; bakelite form, air core; form 7/8" lg x 1/4" OD; mts by wire lead term; wax impr.  |                     |        | 16-C-74543-1397        |                |                |                       | CAQB | 753                        | CTU        | P-30079 rev0                | OAG               |
| -471799               | COIL, RF: 2/19/46<br>RF choke; single wnd, two pie universal wnd; unshielded; rated 100 microhenrys p/m 5%, 0.7 ohms DC resistance, 400 mmf distributed capacity and Q is 5 at 800 kc, ea pie c/o 74 turns #26GSE wire; 7/8" lg x 21/32" OD o/a excluding leads; bakelite form, air core; form 7/8" lg x 1/4" OD; mts by two wire lead term; wax impr.  |                     |        | 16-C-73746-6862        |                |                |                       | CAQB | 3225                       | CTU        | P-30078 rev0                | OAG (2)           |
| -471800               | TRANSFORMER, IF: 2/4/46<br>peak freq 455 kc; second IF stage; shielded in rectangular aluminum can; 3 1/16" h x 1 7/8" lg x 1 7/16" wd o/a excluding term and mtg studs; tuned pri and sec'd; adj powdered iron cores w/two scdr adj at top of can; two #4-40 thd mtg studs 0.656" c to c; six solder lug term on bottom; inductance, pri 406.5 microhenrys at 1000 cyc, sec'd 409.3 microhenrys at 1000 cyc, pri and sec'd Q is 106 at 455 kc, incl two 200 mmf p/m 2%, 500v capacitors and one 3300 ohm, 1/2w resistor. |                     |        | 17-T-67631-3834        |                |                |                       | CFT  | RF-5747-2                  | CFT        | RF-5747-2 1eaA              | DAX               |
| -471801               | TRANSFORMER, IF: 2/4/46<br>peak freq 455 kc; first IF stage; shielded in rectangular aluminum can; 3 1/16" h x 1 7/16" wd x 1 7/8" lg o/a excluding term and mtg studs; tuned pri and sec'd; adj powdered iron cores w/two scdr adj at top of can; two #4-40 thd mtg studs 0.656" c to c; six solder lug term on bottom; incl two 200 mmf p/m 2%, 500v capacitors, one 10,000 ohms, 1/2w resistor, inductance, pri 406.5 microhenrys, sec'd 409.3 microhenrys at 1000 cyc, pri and sec'd Q is 106 at 455 kc.              |                     |        | 17-T-67631-3814        |                |                |                       | CFT  | RF-5740-2                  | CFT        | RF-5740-2 1ea A             | DAX               |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

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SHEET 47-443

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR     | CONTRACTOR'S DWG OR PART NO                       | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|----------------|---|-------------------|
| -471802               | COIL, RF: 2/6/46<br>RF choke; single wnd, four pie universal wnd; unshielded; inductance 5 millihenrys p/m 4 $\frac{1}{2}$ at 1000 cps, c/o 235 turns per pie of #36 ES wire, 54 ohms DC resistance; 1 3/4" lg x 41/64" OD o/a; ceramic form, air core; form 1 3/4" lg x 3/8" OD; two solder lug term on side of coil, two wire holes in ea term; has CG dvg M-31J707-187 resistor connected between term. |                     |        | 16-C-74888-9517        |                |                |                       | CG  | K-34J318-2                 | CG             | K-34J318-2 rev7                                   | VE-1              |
| -471803               | COIL, RF: 2/6/46<br>RF choke; single wnd, four pie universal wnd; unshielded; inductance 0.85 millihenrys p/m 5 $\frac{1}{2}$ at 1000 cps, c/o 95 turns per pie #29 ES wire, 4.7 ohms DC resistance; 1 7/8" lg x 0.725" OD o/a; ceramic form, air core; form 1 7/8" lg x 3/8" OD; mts by two solder lug term on side.  |                     |        | 16-C-74276-8021        |                |                |                       | CG  | K-54J585-2                 | CG             | K-54J585-2 rev5                                   | VE-1              |
| -471804               | COIL, RF: 2/6/46<br>RF choke; single wnd, four pie universal wnd; unshielded; inductance 1.25 millihenrys p/m 5 $\frac{1}{2}$ at 1,000 cps, c/o 113 turns per pie #29 ES wire, 6 ohms DC resistance; 1 7/8" lg x 0.777" OD o/a; ceramic form, air core; form 1 7/8" lg x 3/8" OD; mts by two solder lug term on side.  |                     |        | 16-C-74454-7031        |                |                |                       | CG  | K-54J585-3                 | CG             | K-54J585-3 rev5                                   | VE-1              |
| -471805               | RF COIL: 2/20/46<br>RF coil; single wnd, 3 pie wnd; unshielded; inductance 0.5 millihenrys p/m 10 $\frac{1}{2}$ at 500 kc on Q-meter; 125 turns #38 SCE per pie; 7/8" lg x 1/2" OD, o/a; dummy resistor form, air core; 7/8" lg x 1/4" diam coil form; mtd by leads; 2 copper wire leads; Q min is 40 at 500 kc, Q max is infinite; impr v/fungus resisting varnish.                                       |                     |        | 16-C-74144-4718        |                |                |                       | CG  | ML-7106142-1               | CG             | K-7106142-4 rev0                                  | MK-35             |
| -471806               | COIL, RF: 3/19/46<br>single wnd, single pie universal wnd; unshielded; inductance 50 microhenrys p/m 5 $\frac{1}{2}$ , c/o 82 turns #7-41 Litz wire; 13/16" lg x 1/2" diam o/a excluding term; form 13/16" lg x 0.188" OD; mts by two copper lead term, ea 1 1/8" lg.  |                     |        | 16-C-73548-7018        | W16-C-13386    |                |                       | CRV | 719812-512                 | CRV            | P-719812-512 rev 9                                | SR-2              |
| -471807               | COIL, RF: 2/6/46<br>RF choke; single wnd, four pie universal wnd; cylindrical aluminum shield can; inductance 10 millihenrys p/m 4 $\frac{1}{2}$ at 1 kc, c/o 293 turns per pie of #34 ES wire, 67 ohms DC resistance; 2 1/2" h x 2" OD o/a excluding term and mtg studs; taylorite form, powdered iron core; two mtg studs on bottom; four solder lug term on bottom; var impr.                           |                     |        | 16-C-75134-9076        |                |                |                       | CG  | K-57J560-1                 | CG<br>CG<br>CG | K-57J560-1 rev1<br>K-57J600 rev1<br>Y-39J603 rev4 | VE-1              |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN            |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|-----------------------------|------------------------------|
| -471808               | COIL, RF: 2/21/46<br>filter coil; single wnd, universal wnd; unshielded; coil c/o 260 turns #36 ES wire, 16 ohms DC resistance; 2 23/32" lg max x 1 1/16" diam c/a excluding term; form 2" lg x 1/2" diam; adj iron core w/scdr adj on end of coil form; 1/4"-20 thd mtg stud on one end 1/4" lg; two solder lug term on end; turns to 455 kc w/ext 120 mmf capacitor, wax impr.   |                     |        | 16-C-76505-2928        |                |                |                       | CANQ       | A-309                      | CANQ                        | OF-2                         |
| -471809               | COIL, RF: 2/21/46<br>ant trap coil; single wnd, single pie wnd; unshielded; coil c/o 165 turns #33 ES wire, 5 ohms DC resistance; 1" h x 1 1/8" lg x 5/8" wd o/a excluding term; iron core, bakelite form 5/8" lg x 1/2" diam; #4-36 thd mtg stud 3/8" lg on one end; two solder lug term; tuned to 455 kc w/ext 170 mmf capacitor, wax impr.  |                     |        | 16-C-72667-8400        | W16-C-14391-65 |                |                       | CANQ       | A-313                      | CANQ                        | OF-2                         |
| -471810               | COIL, RF: 2/19/46<br>RF choke; single wnd, single pie universal wnd; rectangular aluminum shield can; inductance 62.39 millihenrys in air w/o core, 100 millihenrys max in can w/core, 80 millihenrys nom in can w/core, 300 ohms DC resistance; 2 3/16" h x 1 7/16" sq c/a excluding term and mtg studs; phenolic form; adj powdered iron core w/scdr adj on top; two 5/16" lg x #6-32 thd mtg studs 1 1/2" c to c on bottom; four solder lug term on bottom, two dummy; freq range 22 kc to 26 kc, Q at 24 kc is 20.   |                     |        | 16-C-76817-1486        |                |                |                       | CFW<br>CFF | 12639<br>270-117           | CFF                         | E69-8 rev0<br>QBC<br>QBC-1   |
| -471810-A             | COIL, RF: 2/21/46<br>osc coil; single wnd tapped, single pie universal wnd; rectangular aluminum shield can; inductance 62.39 millihenrys in air w/o core, 100 millihenrys max in can w/core, 80 millihenrys nom in can w/core, c/o 2400 turns #38 E, nylon, S wire tapped at 800 turns; 2 3/16" lg x 1.7/16" h x 1 7/16" wd, o/a, w/o core and spade lugs; powdered iron core, phenolic form; adj iron core; scdr adj on top; 2 mtg studs 5/16" lg, 1 1/2" c to c on bottom; 4 solder lug term on bottom, 3 used; wax impr, 22 kc to 26 kc, Q is 20 at 24 kc, contains 550 mmf cap; same as Navy Type 471810 except is tapped at 800 turns. |                     |        | 16-C-76817-1488        |                |                |                       | CFW        | 12642                      | CFF<br>CFF                  | E69-7 rev0<br>270-118<br>OBC |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------|
| -471811               | COIL, RF: 2/25/46<br>RF choke; single wnd, single pie universal wnd; rectangular aluminum shield can; inductance 151.7 millihenrys p/m 5% in air w/o core, nom 180 millihenrys in can w/core; 2 3/16" h x 1 7/16" sq o/a excluding term and mtg studs; phenolic form; adj iron core w/scdr adj on top; two 5/16" lg x #6-32 thd mtg studs 1 1/2" c to c on bottom; four solder lug term on bottom, two dummy; Q in air w/o core is 43 at 50 kc, wax impr.  |                     |        | 16-C-76830-4128        |                |                |                       | CFW<br>OFF | 270-117R                   | CFE        | E51-3 rev0                  | QB0-1(2)          |
| -471811-A             | COIL, RF: 2/25/46<br>RF choke; single wnd tapped, single pie universal wnd; rectangular aluminum shield can; inductance 151.7 millihenrys p/m 5% in air w/o core, nom 180 millihenrys in can w/core, c/o 3550 turns #38 E, nylon, S wire tapped at 710th turn; 2 3/16" lg x 1 7/16" wd x 1 7/16" h, o/a, w/o core assem and spade lugs; iron core, phenolic form; adj iron core; scdr adj on top; 2 mtg studs #6-32 thd x 5/16" lg, 1 1/2" c to c on bottom; 4 solder lug term on bottom, 3 used; wax impr, Q is 43 at 50 kc in air w/no core; same as Navy Type 471811 except is tapped at 710 turns. |                     |        | 16-C-76830-4130        |                |                |                       | CFW        |                            | CFE<br>CFE | E51-2 rev0<br>270-118R      | QB0-1             |
| -471812               | COIL, tube focusing: 2/26/46<br>p/o NT-55A0S Indicator Unit; finish to withstand 200 hr salt spray test; rated 113 kv, 20 ma DC at 1000 cyc, 40 kv at 1000 cyc, 60 kv, 20 ma DC at 60 cyc, 5000 ohms DC resistance; 4 5/8" OD x 2 7/16" lg o/a; four 3/32" diam mtg holes equidistant apart on 2 7/32" mtg rad; two solder lug term on term board; soft steel case, exhausted and filled w/dry nitrogen, ES.   |                     |        | 16-C-77238-5701        | N16-C-14658-12 |                |                       | CRP        | 92-5361-1                  | CRP        | V92-5361 sub2               | VH                |
| -471813               | COIL, tube focusing: 2/26/46<br>p/o NT-55A0S Indicator Unit; covered with fiber glass tape; rated 24 kv, 23 ma, 115v, 5000 ohms DC resistance, c/o 20,500 turns #35E wire; 3 1/2" OD x 1 5/16" lg o/a; mtd in case; two wire lead term, ea 5" lg; vacuum impr.   |                     |        | 16-C-77238-5501        | N16-C-14658-10 |                |                       | CRP        | 92-5362-1                  | CRP        | V92-5362-1 sub2             | VH                |
|                       |  |                     |        |                        |                |                |                       |            |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |            |                            |            |                             |                   |

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NAVSHIPS 900.109(A)  
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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO    | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-------------------------------|-------------------|
| -471814               | COIL, SUBASSEMBLY RF: 2/26/46<br>osc transf; single wnd, tapped, 2 pie universal wnd; unshielded; rated 475 to 635 millihenries, range 1.64 kc resonant freq, 842 ohms DC resistance, c/o 3000 turns #38 BS wire per pie tapped at 2500 turns; 2 3/16" lg x 2 9/32" OD, o/a excluding tuning adj; bakelite form 1/2" OD x 2 3/16" lg; adj powdered iron core w/cap screw adj on 1 end by wrench; 2 insert type mtg holes for #6-32 thd screw 7/8" c to c; 3 solder lug term on same end as mtg holes; c/o 1 coil, 3 capacitors ea rated 6000 mmf p/m 5%.  |                     |        | 16-C-76855-5568        | N16-T-7002-12  |                |                       | CFW  | 13785                      | CRP        | 92-5368-1<br>W96-5125-1 sub 5 | VH<br>VJ          |
| -471814-A             | TRANSFORMER, RF: 7/5/49<br>osc coil; single wnd, two pie universal wnd; unshielded; rated 533 millihenries nom, 443.4 to 611 millihenries range, 1.64 kc resonant freq, 842 ohms DC resistance, c/o 3000 turns #38 AWG, E, S, wire per pie, tapped at 2500 turns; 2 9/32" diam x 2 3/16" lg, excluding tuning adj; phenolic form, powdered iron core; coil form 1/2" OD x 2 3/16" lg; adj iron core; wrench adj w/cap screw at 1 end; two #6-32 NC-2 thd inserts 7/8" c to c; 3 solder lug term; c/o 1 coil and 3 capacitors, ea rated 6000 mmf p/m 5%; same as Navy Type 471814 except tuning screw is 1/4" longer which gives different inductance range. |                     |        | 16-C-76854-8846        |                |                |                       | CRP  | S92-5368-P1                | CRP        | W96-5125 sub 12               |                   |
| -471815               | TRANSFORMER, RF: 2/26/46<br>osc coil; single wnd tapped, 1 pie universal wnd; unshielded; 180 to 260 millihenries range w/o core, 4.1 kc resonant freq, 461 ohms DC resistance, 3335 turns #38 BS wire tapped at 1850 turns; 2 3/16" lg x 1 1/4" OD, o/a, incl studs and excluding capacitors; bakelite form, powdered iron core; 1/2" OD x 2 3/16" lg form; adj iron core; cap screw adj 1 end; 2 insert type mtg holes for #6-32 thd screw 7/8" c to c; 3 solder lug term; c/o 1 coil, 2 capacitors rated 3500 mmf p/m 5%.  |                     |        | 16-C-76831-1068        | N16-T-7002-13  |                |                       | CFW  | 13786                      | CRP        | W96-512502 sub 5              | VH<br>VJ          |

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SHEET 47-446-1

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471815-A             | TRANSFORMER, RF: 7/5/49<br>osc coil; single wnd, single pie universal wnd; unshielded; rated 212 millihenries nom, 166 to 271 millihenries range, resonant freq 4.1 kc, 461 ohms DC resistance, c/o 3339 turns #38 AWG, E, S, wire tapped at 1850 turns; 1 9/16" diam x 2 3/16" lg, excluding tuning adj; phenolic form, powdered iron core; coil form 1/2" OD x 2 3/16" lg; adj iron core; wrench adj w/cap screw bt 1 end; two #6-32 NC-2 thd inserts 7/8" c to c; 3 solder lug term; c/o 1 coil, 2 capacitors, ea rated 3500 mmf p/m 5%; same as Navy Type 471815 except tuning screw is 1/4" longer which gives different inductance range. |                     |        | 16-C-76840-4057        |                |                |                       | CRP | 892-53674-P1               | CRP        | W96-5125 sub 12             |                   |
| -471816               | COIL, RF: 2/21/46<br>single wnd, single universal wnd; unshielded; inductance 42.8 millihenry p/m 5% at 8.2 kc, c/o 1495 turns #38 wire; 2 1/16" lg x 1 1/4" OD o/a excluding adj screw; adj iron core w/screw adj on top; two mtg holes for #6-32 thd screws 7/8" c to c on top; three solder lug term on mtg plate; coil color-coded for 43 millihenry p/m 5%.  |                     |        | 16-C-76789-6305        |                |                |                       | CFW | 13074 Modified             | CRP        | W96-5535-1 18a2             | AN/UPX-T1         |
| -471817               | TRANSFORMER, RF: 2/26/46<br>osc coil; single wnd, tapped universal wnd; unshielded; 42 to 70 millihenries range, 16.4 kc resonant freq, 202 ohms DC resistance, 1724 turns #38 BS wire, tapped at 420 turns; 2 3/16" lg x 1 1/4" OD, o/a, incl stude and excluding capacitor; bakelite form, powdered iron core; 1/2" OD x 2 3/16" lg form; adj iron core; cap screw adj 1 end; 2 insert type mtg holes for #6-32 thd screw on 7/8" mtg/c; 3 solder lug term; form stamped w/CFW part number; c/o 1 coil, 1 capacitor rated 1700 mmf p/m 2%.  |                     |        | 16-C-76794-2574        | N16-T-7002-11  |                |                       | CFW | 17387                      | CRP        | W-96-5125G3 sub 5           | VH<br>VJ          |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-446-1

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SHEET 47-447

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | IAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471817-A             | TRANSFORMER, RF: 7/5/49<br>osc coil; single wnd, single pie universal wnd; unshielded; rated 53 millihenries nom, 38.4 to 77.1 millihenries range, 16.4 kc resonant freq, 202 ohms DC resistance, c/o 1724 turns #38 AWG, E, S, wire tapped at 920 turns; 1 1/4" diam x 2 3/16" lg, excluding tuning adj; phenolic form, powdered iron core; coil form 1/2" OD x 2 3/16" lg; adj iron core; wrench adj w/cap screw at 1 end; two #6-32 NC-2 thd inserts 7/8" c to c; 3 solder lug term; c/o 1 coil and 1 capacitor rated 1700 mmf p/m 2%; same as Navy Type 471817 except tuning screw is 1/4" longer which gives different inductance range.    |                     |        | 16-C-76795-4308        |                |                |                       | CRP  | S92-5366-P1                | CRP        | W96-5125 sub 12             |                   |
| -471818               | TRANSFORMER, RF: 2/28/46<br>osc coil; single wnd, tapped, universal wnd; unshielded; 1234 turns #38 ES wire, tapped at 642 turns, 32.8 kc resonant freq, 147 ohms DC resistance; 2 3/16" lg x 1 1/4" OD, c/a, incl studs and excluding capacitor; bakelite form, powdered iron core; 1/2" OD x 2 3/16" lg form; adj iron core; cap screw adj 1 end; 2 insert type mtg holes for #6-32 thd screw on 7/8" mtg/c; 3 solder lug term; form stamped w/CFW part number; c/o 1 coil, 1 capacitor rated 820 mmf p/m 2%.  |                     |        | 16-C-76513-1321        | N16-T-7002-10  |                |                       | CFW  | 13788                      | CRP        | W96-5125G4 sub 5            | VH<br>VJ          |
| -471818-A             | TRANSFORMER, RF: 7/5/49<br>osc coil; single wnd, single pie universal wnd; unshielded; rated 26.6 millihenries nom, 18.59 to 37.39 millihenries range, resonant freq 32.8 kc, 147 ohms DC resistance, c/o 1234 turns #38 AWG, E, S, wire tapped at 642 turns; 1 1/4" diam x 2 3/16" lg, excluding tuning adj; phenolic form, powdered iron core; coil form 1/2" OD x 2 3/16" lg; adj iron core; wrench adj w/cap screw at 1 end; two #6-32 NC-2 thd inserts 7/8" c to c; 3 solder lug term; c/o 1 coil and 1 capacitor rated 820 mmf p/m 2%; same as Navy Type 471818 except tuning screw is 1/4" longer which gives different inductance range. |                     |        | 16-C-76780-5827        |                |                |                       | CRP  | S92-5365-P1                | CRP        | W96-5125 sub 12             |                   |

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NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-447

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SHEET 47-448

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO  | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|------------------------------|-------------------|
| 471819                | TRANSFORMER, RF: 2/28/46<br>osc coil; single wnd, tapped, universal wnd; unshielded; 7 1/2 to 13 millihenries, 6.061 millihenries w/o core range, 82.0 kc resonant freq, 79 ohms DC resistance, 750 turns #38 ES wire, tapped at 385 turns; 2 3/16" lg x 1 1/4" OD, o/a, incl stud and excluding capacitor; bakelite form, powdered iron core; 1/2" OD x 2 3/16" lg form; adj iron core; cap screw adj 1 end; 2 insert type mtg holes for #6-32 thd screw on 7/8" mtg/c; 3 solder term; form stamped w/CFW part number; c/o 1 coil, 1 capacitor rated 290 mmf p/m 2%.   |                     |        | 16-C-76762-6053        | N16-T-7002-9   |                |                       | CFW | 17389                      | CRP<br>CRP | W96-512505 sub5<br>92-5364-1 | VH<br>VJ          |
| 471819-A              | TRANSFORMER, RF: 7/5/49<br>osc coil; single wnd, single pie universal wnd; unshielded; rated 10 millihenries nom, 6.65 to 15.56 millihenries range, 82 kc resonant freq, 79 ohms DC resistance, c/o 750 turns #38 AWG, ES wire tapped at 385 turns; 1 1/4" diam x 2 3/16" lg, excluding tuning adj; phenolic form, powdered iron core; coil form 1/2" OD x 2 3/16" lg; adj iron core; wrench adj w/cap screw at 1 end; two #6-32 NC-2 thd inserts 7/8" c to c; 3 solder lug term; c/o 1 coil and 3 capacitors, JAN type CC264J9100 or CRP stores #35-5913-P1; same as Navy Type 471819 except tuning screw is 1/4" longer which gives different inductance range and 3 JAN type capacitors are used in place of one 290 mmf capacitors. |                     |        | 16-C-76763-2316        |                |                |                       | CRP | 892-5364-P1                | CRP        | W96-5125 sub 12              |                   |
| 471820                | COIL, SUBASSEMBLY RF: 2/28/46<br>osc coil; single wnd, tapped, single pie universal wnd; unshielded; 4.2 to 7 millihenries, 3.69 millihenries w/o core range, 164 kc resonant freq, 59 ohms DC resistance, 605 turns #38 ES wire tapped at 310 turns; 2 3/16" lg x 1 1/4" OD, o/a, incl studs and excluding capacitor; bakelite form, powdered iron core; 1/2" OD x 2 3/16" lg form; adj iron core; cap screw adj at 1 end; 2 insert type mtg holes for #6-32 thd screw on 7/8" mtg/c; 3 solder lug term; form stamped w/CFW part number; c/o 1 coil, 1 capacitor rated 117 mmf p/m 2%.   |                     |        | 16-C-76754-4488        | N16-T-7002-8   |                |                       | CFW | 13790                      | CRP<br>CRP | W96-512506 sub5<br>92-5363-1 | VH<br>VJ          |

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NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-448

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SHEET 47-448-1

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO    | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO      | EQUIPMENT USED IN |
|-----------------------|--|------------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|----------------------------------|-------------------|
| -471820-A             | TRANSFORMER, RF: 7/5/49<br>osc coil; single wnd, single pie wnd; unshielded; rated 5.36 millihenries nom, 4.05 to 9.54 millihenries range, 164 kc resonant freq, 59 ohm DC resistance, c/o 605 turns #38 AWG, E, S, wire tapped at 310 turns; 1 1/4" OD x 2 3/16" lg, excluding tuning adj; phenolic form, powdered iron core; coil form 1/2" OD x 2 3/16" lg; adj iron core; wrench adj w/cap screw at 1 end; two #6-32 NC-2 thd inserts 7/8" c to c; 3 solder lug term; c/o 1 coil and 1 capacitor, JAN type CC26W101G or CRP stores 35-5897-P1; same as Navy Type 471820 except tuning screw is 1/4" longer which gives different inductance range, and 1 JAN type capacitor rated at 100 mmf p/m 2% is used instead of a 117 mmf p/m 2% capacitor. |                        |        | 16-C-76756-1484        |                |                |                       | CRP  | 892-5363-P1                | CRP        | W96-5125 sub 12                  |                   |
| -471821               | RF TRANSFORMER: 2/28/46<br>RF trans; 2 wnd, single layer wnd; round metal shield; inductance pri 0.0036 microhenry, secd 0.0084 microhenry, ea w/o iron core; 8 25/32" lg x 3 1/16" OD, o/a less mtg bkt; powdered iron core, styramic coil form; mtg bkt w/two 5/16" diam mtg holes in ea end on 3 1/2" x 1 1/4" mtg/c; two 6" lg bare wire lead term on bottom w/glass seal on ea, Navy Type RG-12/U Cable, 50 ohm impedance, enters through side to form pri wnd; assem incl CER type N100K10 capacitor.  | RA30P219A<br>sh.1 to 4 |        | 17-T-81141-3315        |                |                |                       | CN   | AA2704                     | CN         | A3084 rev 0                      | CN-10617          |
| -471822               | SUPPRESSOR, parasitic: 3/1/46<br>resistor and coil; 3/4" lg x 1/2" diam o/a excluding term; coil rated 115 microhenrys p/m 10% at 1 kv, zero emp DC, 2 ohms DC resistance, resistor rated 1w, 1,800 ohms, JAN type RC30BF182J; uncased; mtd by two wire lead term; coil leads soldered to axial resistor leads; tropicalized, wax impr.  |                        |        | 16-S-89783-8095        |                |                |                       | CAY  | 7300933                    | CAY<br>CAY | M-7421132-1 sub 1<br>7615209-264 | SR-3              |
|                       |  |                        |        |                        |                |                |                       |      |                            |            |                                  |                   |

NAVSHIPS 900,109(A)  
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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

SHEET 47-448-1

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SHEET 47-449

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO   | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-------------------------------|-------------------|
| -471823               | COIL, RF: 3/5/46<br>video filter and fast time constant coil; two wnd, pie wnd w/common term; unshielded; wnd 1-2 rated 2.5 millihenrys p/m 10% at 1 kc, zero amp DC, cur rating 50 ma, wnd 2-3 rated 115 microhenrys p/m 10% at 1 kc, zero amp DC, cur rating 50 ma; 2" lg x 1 1/32" diam o/a; phenolic tube, air core; 2" lg x 5/8" OD x 1/2" ID coil form; mtd by expanding epring washer and retaining nut inside coil form; three solder lug term around coil form; tropicalized, wax impr.  |                     |        | 16-C-72671-9394        |                |                |                       | CAY<br>CAY | HVP<br>FTC                 | CAY<br>CAY | M-7421159 sub1<br>7615209-267 | SR-3              |
| -471824               | SUPPRESSOR, parasitic: 3/4/46<br>resistor and coil; 5/8" lg x 1/2" OD o/a excluding term; inductance of coil 17.4 microhenrys, 910 ohms p/m 5%, 1/2v CIR type BT 1/2 resistor, self-resonant at 30 mc p/m 10%; uncased; mtd by two wire lead term; coil leads soldered to 1 1/2" lg resistor leads; fungicidal varnish impr.  |                     |        | 16-S-89754-7031        |                |                |                       | CRP        | 92-5238                    | CRP        | S92-5238 1ss1                 | MK-33             |
| -471825               | SUPPRESSOR, parasitic: 3/4/46<br>resistor and coil; 5/8" lg x 1/2" diam o/a excluding term; inductance of coil 17.4 microhenrys, 5,100 ohms p/m 5%, 1/2v CIR type BT 1/2 resistor, self-resonant at 30 mc p/m 10%; uncased; mtd by two wire lead term; coil leads soldered to 1 1/2" lg resistor leads; fungicidal varnish impr.  |                     |        | 16-C-89757-6316        |                |                |                       | CRP        | 92-5266                    | CRP        | S92-5266 1ss1                 | MK-33             |
| -471826               | POWER FACTOR CORRECTION UNIT: 3/5/46<br>pf corrector; dual; 0.616 millihenry ea coil, 2 taps on ea coil, 1 at 0.950 millihenry and 1 at 0.904 millihenry, ea coil has 171 turns 60/38 Litz wire tapped at 156 and 165 turns, 2 amp RF; 0.391 ohms DC resistance; 2000v RMS test; BS metal case, enclosed case; 5 1/2' lg x 3 1/2' wd x 4 9/32' h; o/a; mtd by three 0.180" diam holes in base on 2 13/16" x 5 1/16" mtg/c; 2 term boards, 5 term ea board mtd on top of base; has Navy nameplate. |                     |        | 16-R-29750-1136        |                |                |                       | CBM        | 1147                       | CBM<br>CBM | 60791 alt 0<br>61023 alt 0    | WFA-1             |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                               |                   |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                               |                   |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                               |                   |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                               |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

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SHEET 47-450

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR                | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|--------------------|----------------------------|------------|-----------------------------|-------------------|
| -471827               | SUPPRESSOR, parasitic; 3/5/46<br>resistor and coil; 5/8" lg x 1/2" diam o/a excluding term; inductance of coil 17.4 microhenrys, 1,500 ohms p/m 5%, 1/2w CIR type BT 1/2 resistor, self-resonant at 30 mc p/m 10%; uncased; mtd by two wire lead term; coil leads soldered to resistor leads, ea 1 1/2" lg; fungicidal varnish impr.   |                     |        | 16-S-89755-5411        |                |                |                       | CFW<br>CAWN<br>CRP | 92-5230                    | CRP        | 892-5230 1ss1               | MX-33             |
| -471828               | SUPPRESSOR, parasitic; 3/5/46<br>resistor and coil; 5/8" lg x 1/2" diam o/a excluding term; inductance of coil 17.4 microhenrys, 1,300 ohms p/m 5%, 1/2w CIR type BT 1/2 resistor, self-resonant at 30 mc p/m 10%; uncased; mtd by two wire lead term; coil leads soldered to 1 1/2" lg resistor leads; fungicidal varnish impr.   |                     |        | 16-S-89755-4331        |                |                |                       | CRP<br>CFW         | 92-5231                    | CRP        | 892-5231 1ss1               | MX-33             |
| -471829               | COIL, RF: 3/5/46<br>RF choke; single wnd, single pie wnd; unshielded; inductance 70 microhenrys p/m 5%, 5 ma cur, 1.89 ohms resistance; 5/8" lg x 1/2" diam o/a excluding term; phenolite dummy resistor form, air core; form 5/8" lg x 3/16" diam; mtd by two wire lead term; coil leads soldered to 1 1/2" lg axial resistor leads; color-coded to show inductance; fungicidal varnish impr. |                     |        | 16-C-73639-4269        |                |                |                       | CFW<br>CRP         | 92-5232                    | CRP        | 892-5232 1ss1               | MX-33             |
| -471830               | COIL, RF: 3/7/46<br>RF choke; single wnd, single layer wnd; shielded in cylindrical can; rated 10 microhenrys, 8 amp, 0.02 ohms DC resistance; 1 7/8" lg x 3/4" diam o/a excluding term; kraft tube, air core; mtd by two 4" lg axial wire lead term.  |                     |        | 16-C-73116-2995        |                |                |                       | CMN                | 5221                       | CADV       | 1184 rev0                   | OCV               |
| -471831               | COIL, RF: 3/7/46<br>RF choke; single wnd, single layer wnd; unshielded; rated 5.5 microhenrys, 1,000 ma current 0.85 ohms resistance; 1 3/4" lg x 5/16" OD o/a excluding term; ohmite form 1 3/4" lg x 1/4" OD; two tab type term for mtg w/two wire lead extending from coil ea 1 1/2" lg.  |                     |        | 16-C-73012-3511        |                |                | 30357-3               | COM                | Z1                         | CADV       | 1225 rev0                   | OCV               |

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NAVSHIPS 900,109(A)  
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SHEET 47-450

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SHEET 47-451

| NAVY PE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO | EQUIPMENT USED IN |
|---------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|----------------------------|-------------------|
| -471832             | TRANSFORMER, RF: 3/19/46<br>marker osc coil; single wnd, CT; cylindrical metal shield can; resonant freq 1.64 kc at ctr of range, capacitance 0.0205 mf p/m 5%, term #1 to 2, 300 p/m 20 ohms DC resistance, term #1 to 3, 445 p/m 30 ohms DC resistance; case 2" OD x 3" lg o/a excluding term and tuning adj; adj iron core w/scdr adj end of case; 1/8" x 1/16" groove on one end of can for mtg; four solder post term on bottom; finished to withstand 200 hr salt spray incl two JAN type CM35B105G mica capacitor and one JAN type CM25D511G mica capacitor.  |                     |        | 16-C-76513-6046        | N16-T-18599-70 |                |                       | CFW  |                            | CRV        | M-438870-1 sub1            | SR-2              |
| -471833             | TRANSFORMER, RF: 3/19/46<br>marker osc coil; single wnd, CT; cylindrical metal shield can; resonant freq 4.1 kc at ctr of range, capacitance 0.013 mf p/m 5%, term #1 to 2, 190 p/m 15 ohms DC resistance, term #1 to 3, 250 p/m 20 ohms DC resistance; 2" OD x 3" lg o/a excluding term and tuning adj; adj iron core w/scdr adj end of case; 1/8" x 1/16" groove on one end of can for mtg; four solder post term on bottom; finished to withstand 200 hr salt spray test, incl two JAN type CM35D502G mica capacitors, and one JAN type CM30D302G mica capacitor. |                     |        | 16-C-76513-4206        | N16-T-18599-75 |                |                       | CFW  |                            | CRV        | M-438370-2 sub1            | SR-2              |
| -471834             | RF OSCILLATOR ASSEMBLY: 3/19/46<br>osc coil; single wnd, tapped; cylindrical metal shield can; resonant freq 16.4 kc at ctr of range capacitance 0.00305 mf p/m 5% term 1 to 2, 90 p/m 10 ohms DC resistance term 1 to 3, 110 p/m 12 ohms DC resistance; 1500 turns #38 AWG SE wire, tapped at 725 turns; case 2" OD x 3" lg; iron core; adj iron core; scdr adj end of case; 1/4" diam bushing mtd; 4 solder term, 3 used; finished to withstand 200 hr salt spray test, contains capacitor.  |                     |        | 16-C-76513-1683        | N16-T-18599-80 |                |                       | CFW  |                            | CRV        | M-438870-3 sub1            | SR-2              |

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SHEET 47-451

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SHEET 47-452

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471835               | TRANSFORMER, RF:<br>3/19/46<br>marker osc coil; single wnd, CT; cylindrical metal shield can; resonant freq 82 kc at ctr of range, capacitance 0.00068 mf p/m 5%, term #1 to 2, 3 <sup>rd</sup> p/m 5 ohms DC resistance, term 1 to 3, 37 p/m 5 ohms DC resistance; 2" OD x 3" lg o/a excluding term and tuning adj; adj iron core w/scdr adj end of case; 1/8" x 1/16" grooves on one end of can for mtg; four solder post term on bottom; finished to withstand 200 hr salt spray test, incl one JAN type CM25D681G mica capacitor. |                     |        | 16-C-76509-8652        | N16-T-18999-85 |                |                       | CFW |                            | CRV        | M-438870-4 sub1             | SR-2              |
| -471836               | COIL, RF:<br>3/20/46<br>single wnd, universal wnd; unshielded; inductance 4.05 microhenrys, c/o 26 turns #7-41 Litz wire, 0.341 ohms DC resistance; 13/16" lg x 3/8" OD excluding term; form 13/16" lg x 0.188" OD; mts by two wire lead term, one ea end of coil, ea 1 1/2" lg.  |                     |        | 16-C-72967-6719        | N16-C-14317    |                |                       | CRV | 719812-502                 | CRV        | P-719812-502<br>rev 9       | SR-2              |
| -471837               | COIL, RF:<br>3/20/46<br>single wnd, universal wnd; unshielded; inductance 10.8 microhenrys, c/o 42 turns #7-41 Litz wire, 0.585 ohms DC resistance; 13/16" lg x 5/8" OD o/a excluding term; form 13/16" lg x 0.188" OD; mts by two wire lead term, one ea end of coil, ea 1 1/2" lg.  |                     |        | 16-C-73137-5245        | N16-C-14321    |                |                       | CRV | 719812-503                 | CRV        | P-719812-503<br>rev 9       | SR-2              |
| -471838               | COIL, RF:<br>3/20/46<br>single wnd, universal wnd; unshielded; inductance 9.25 microhenrys, c/o 39 turns #7-41 Litz wire, 0.534 ohms DC resistance; 13/16" lg x 3/8" OD o/a excluding leads; form 13/16" lg x 0.188" diam; mts by two wire lead term, one ea end of coil, ea 1 1/2" lg.   |                     |        | 16-C-73083-4642        | N16-C-14319    |                |                       | CRV | 719812-504                 | CRV        | P-719812-504<br>rev 9       | SR-2              |
| -471839               | COIL, RF:<br>3/20/46<br>single wnd, two pie universal wnd; unshielded; total inductance 180 microhenrys, c/o 110 turns #7-41 Litz wire per pie; 13/16" lg x 1/2" OD o/a excluding leads; form 0.219" OD x 13/16" lg; mts by two wire lead term, one ea end of form, ea 1 1/2" lg.   |                     |        | 16-C-73926-5341        | N16-C-14327    |                |                       | CRV | 719812-516                 | CRV        | P-719812-516<br>rev 9       | SR-2              |

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NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-452

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SHEET 47-453

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|-----------------------|------|----------------------------|------------|----------------------------|-------------------|
| -471840               | COIL, RF: 3/20/46<br>RF coil; single wnd, two pie universal wnd; unshielded; total inductance 90 microhenrys p/m 5%; 13/16" lg x 3/8" OD o/a excluding term; dummy resistor form, air core; form 13/16" lg x 0/188" OD; mtd by two copper wire lead term, one ea end of coil, ea 1 1/8" lg.  |                     |        | 16-C-73699-9495        | N16-C-14325     |                |                       | CRV  | 719812-517                 | CRV        | P-719812-517<br>rev 9      | SR-2              |
| -471841               | SUPPRESSOR, parasitic: 3/20/46<br>resistor and coil; 0.718" lg body; coil rated 330 microhenrys, resistor rated 4.7 meg, 1w; uncased; mtd by two wire lead term; coil leads soldered to axial resistor leads which are 1 1/2" lg; two pie universal wnd, wnd in series on resistor 0.718" lg x 0.219" diam.  |                     |        | 16-S-89799-8745        | N16-N-493-17    |                |                       | CRV  | 719812-518                 | CRV        | P-719812-518rev9           | SR-2              |
| -471842               | RF COIL: 3/20/46<br>resistor and coil; 23/32" lg x 7/32" diam w/two 1 1/2" lg axial wire leads; 2 pie wnd 149 turns #7-41 Litz wire per pie, 298 total turns, 390 microhenrys p/m 5% inductance, resistor 18,000 ohms, 1w; uncased; mtd by two 1 1/2" lg axial wire leads soldered to resistor wire leads; 2 axial wire leads 1 1/2" lg; 2 pie universal wnd, wnd in series. |                     |        | 16-S-89806-3302        | N16-N-493-18    |                |                       | CRV  | 719812-519                 | CRV        | P-719812-519<br>rev 9      | SR-2              |
| -471843               | COIL, RF: 3/26/46<br>single wnd, single universal wnd; unshielded; inductance 165 microhenrys p/m 5%, c/o 158 turns #7-41 Litz wire; 13/16" lg x 9/16" OD o/a excluding term; dummy resistor form, air core; for 3/4" lg x 3/16" OD; mtd by two copper wire lead term ea 1 1/2" lg, one ea end of coil.  |                     |        | 16-C-73907-9868        | N16-C-14373     |                |                       | CRV  | 719812-520                 | CRV        | P-719812-520<br>rev 9      | SR-2              |
| -471844               | COIL, RF: 3/26/46<br>single wnd, single pie wnd; unshielded; inductance 195 microhenrys p/m 5%, c/o 172 turns #7-41 Litz wire; 13/16" lg x 9/16" OD o/a excluding term; dummy resistor form, air core; form 3/4" lg x 3/16" OD; mtd by two copper wire lead term, ea 1 1/2" lg, one on ea end of coil.   |                     |        | 16-C-73954-7461        | N16-C-14373-200 |                |                       | CRV  | 719812-521                 | CRV        | P-719812-521<br>rev 9      | SR-2              |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-453

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SHEET 47-454

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR               | CONTRACTOR'S DWG OR PART NO                                  | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|--------------------------|--|-------------------|
| -471845               | TRANSFORMER, IF: 3/26/46<br>peak freq 30 mc; first IF stage; shielded in rectangular aluminum can; 1.375" sq x 2.241" h o/a excluding scdr adj; tuned pri and secd; adj iron cores w/scdr adj at top and bottom of can; two #6-32 thd mtg studs 1.312" c to c; four solder lug term on bottom; incl two term boards, one 220 ohm, one 1,000 ohm, and one 6800 ohm comp resistor, and one 100 mmf capacitor.  |                     |        | 17-T-68271-1381        | N16-T-6114-21  |                |                       | CRV  | T-617932-505               | CRV                      | T-617932-505rev4   | SR-2              |
| -471846               | COIL, RF: 3/26/46<br>single wnd, three pie universal wnd; unshielded; inductance 2.5 millihenrys p/m 10%, c/o 260 turns #36ES wire per pie; 2 1/8" lg x 1 1/2" wd x 3/4" h o/a; bakelite form; two #6-32 thd mtg studs 1 1/4" c to c; two solder post term on form.  |                     |        | 16-C-74722-1899        | N16-C-14331    |                |                       | CRV  | 438879-501                 | CRV                      | M-438879-501rev0   | SR-2              |
| -471847               | COIL, RF: 3/26/46<br>single wnd, single pie wnd; unshielded; inductance 25 microhenrys p/m 5%, c/o 61 turns #7-41 Litz wire, 0.964 ohms DC resistance; 13/16" lg x 7/16" OD o/a excluding term; bakelite form, air core; for 5/8" lg x 0.188" OD; mtd by two copper wire lead term, ea 1 1/2" lg, one on ea end of coil.   |                     |        | 16-C-73352-1888        | N16-C-14323    |                |                       | CRV  | 719812-505                 | CRV                      | P-719812-505<br>rev 9  | SR-2              |
| -471848               | TRANSFORMER, IF: 3/25/46<br>peak freq 30 mc, band width 3.9 p/m 0.1 mc; fifth IF stage; shielded in rectangular aluminum can; 3 5/16" h x 2 3/4" lg x 1 3/4" wd o/a excluding term; tuned pri and secd, critically coupled; adj iron cores w/two scdr adj on top of can; two 0.154" diam holes 2 3/8" c to c w/holes offset 1/4" from ea other; four solder post term on bottom; pri and secd rated 2.1 and 1.75 microhenrys respectively, incl two resistors, one rated 4,700 ohms, the other 3,300 ohms. |                     |        | 17-T-68272-6546        |                |                |                       | CAY  | 7615171-5                  | CAY<br>CAY<br>CAY<br>CAY | T-7615171-5 rev5<br>P-7716539 rev0<br>P-7715764<br>T-7615187 | SR-3              |

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NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-454

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SHEET 47-455

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR        | CONTRACTOR'S DWG OR PART NO                                   | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|-------------------|---|-------------------|
| -471849               | TRANSFORMER, IF: 3/25/46<br>peak freq 30 mc, band width 3.9 mc p/m 0.1 mc; sixth IF stage; shielded in rectangular aluminum can; 3 5/16" h x 2 3/4" lg x 1 3/4" wd o/a excluding term; tuned pri and secd, critically coupled; adj iron cores w/two scdr adj on top of can; two 0.154" diam holes 2 3/8" c to c w/holes offset 1/4" from ea other; four solder post term on bottom; pri and secd rated 2.8 and 1.75 microhenrys respectively, incl two resistors, one rated 4700 ohms, the other 3300 ohms; same as NT-471850 thru NT-471853 and NT-471856 except for critical adj of pri and secd; coil is not interchangeable w/other IF transf in Navy model SR-3. |                     |        | 17-T-68272-6386        |                |                |                       | CAY | T-7615171-6                | CAY<br>CAY<br>CAY | P-7716539 sub 0<br>T-7615171-6 sub5<br>T-7615187<br>P-7715764 | SR-3              |
| -471850               | TRANSFORMER, IF: 3/26/4<br>peak freq 30 mc, band width 3.9 p/m 0.1 mc; seventh IF stage; shielded in rectangular aluminum can; 3 5/16" h x 2 3/4" lg x 1 3/4" wd o/a excluding term; tuned pri and secd, critically coupled; adj iron cores w/two scdr adj on top of can; two 0.154" diam holes 2 3/8" c to c w/holes offset 1/4" from ea other; four solder post term on bottom; pri and secd rated 2.8 and 1.75 microhenrys respectively, incl two resistors, one rated 4700 ohms, the other 3300 ohms; same as NT-471849 except for the critical pri and secd adjustment; coil is not interchangeable with other IF transf in Navy model SR-3.                     |                     |        | 17-T-68272-6401        |                |                |                       | CAY | T-7615171-7                | CAY<br>CAY<br>CAY | P-7716539 sub 0<br>T-7615171-7 sub5<br>P-7715764<br>T-7615187 | SR-3              |
| -471851               | TRANSFORMER, IF: 3/26/46<br>peak freq 30 mc, band width 3.9 p/m 0.1 mc; eighth IF stage; shielded in rectangular aluminum can; 3 5/16" h x 2 3/4" lg x 1 3/4" wd o/a excluding term; tuned pri and secd, critically coupled; adj iron cores w/two scdr adj on top of can; two 0.154" diam mtg holes 2 3/8" c to c w/holes offset 1/4" from ea other; four solder post term on bottom; pri and secd rated 2.8 and 1.75 microhenrys respectively, incl two resistors, one rated 4,700 ohms, the other 3,300 ohms; same as NT-471849 except for critical pri and secd adjustment; coil is not interchangeable w/other IF transf in Navy Model SR-3.                      |                     |        | 17-T-68272-6591        |                |                |                       | CAY | 7615171-8                  | CAY<br>CAY<br>CAY | P-7716539 rev0<br>T-7615171-8 rev5<br>P-7715764<br>T-7615187  | SR-3              |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-455

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SHEET 47-456

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR               | CONTRACTOR'S DWG OR PART NO                                  | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|--------------------------|--|-------------------|
| -471852               | TRANSFORMER, IF: 3/26/46<br>peak freq 30 mc, band width 3.9 p/m 0.1 mc; ninth IF stage; shielded in rectangular aluminum can; 3 5/16" h x 2 3/4" lg x 1 3/4" wd o/a excluding term; tuned pri and secd, critically coupled; adj iron cores w/two scdr adj on top of can; two 0.154" diam holes 2 3/8" c to c w/holes offset 1/4" from ea other; four solder post term on bottom; pri and secd rated 2.8 and 1.75 microhenrys respectively, incl two resistors, one rated 4,700 ohms, the other 3,300 ohms; same as NT-471849 except for critical pri and secd adjustment, coil is not interchangeable w/other IF transf in Navy Model SR-3.                           |                     |        | 17-T-68272-6606        |                |                |                       | CAY | 7615171-9                  | CAY<br>CAY<br>CAY<br>CAY | P-7716939 rev0<br>P-7715764<br>T-7615187<br>T-7615171-9 rev5 | SR-3              |
| -471853               | TRANSFORMER, IF: 3/26/46<br>peak freq 30 mc, band width 3.9 p/m 0.1 mc; first IF stage; shielded in rectangular aluminum can; 3 5/16" h x 2 3/4" lg x 1 3/4" wd o/a excluding term; tuned pri and secd, critically coupled; adj iron cores with two scdr adj on top of can; two 0.154" diam mtg holes 2 3/8" c to c w/holes off set 1/4" from ea other; four solder post term on bottom; pri and secd rated 2.8 and 1.75 microhenrys, incl two resistors one rated 4700 ohms the other 3300 ohms; same as NT-471849 except for critical pri and secd adjustment and value of the loading resistors; coil is not interchangeable w/other IF transf in Navy model SR-3. |                     |        | 17-T-68272-6311        |                |                |                       | CAY | 7615171-1                  | CAY                      | 7716939 rev 0  | SR-3              |
| -471854               | TRANSFORMER, IF: 3/26/46<br>peak freq 30 mc, band width 3.9 p/m 0.1 mc; second IF stage; shielded in rectangular aluminum can; 3 5/16" h x 2 3/4" lg x 1 3/4" wd o/a excluding term; tuned pri and secd, critically coupled; adj iron cores w/two scdr adj on top of can; two 0.154" diam holes 2 3/8" c to c w/holes offset 1/4" from ea other; four solder post term on bottom; pri and secd rated 1.75 and 1.35 microhenrys respectively, incl two resistors, one rated 4,700 ohms, the other 3,300 ohms.  |                     |        | 17-T-68272-6501        |                |                |                       | CAY | 7615171-2                  | CAY<br>CAY<br>CAY<br>CAY | P-7716939 rev0<br>T-7615171-2 rev5<br>P-7715764<br>T-7615187 | SR-3              |
|                       |   |                     |        |                        |                |                |                       |     |                            |                          |  |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |                          |  |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-456

**RESTRICTED**

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR        | CONTRACTOR'S DWG OR PART NO                                       | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|-------------------|---|-------------------|
| -471855               | TRANSFORMER, IF: 3/26/46<br>peak freq 30 mc, band width 0.6 p/m 0.1 mc; second IF stage; shielded in rectangular aluminum can; 3 5/16" h x 2 3/4" lg x 1 3/4" wd o/a excluding term; tuned pri and secd, critically coupled; adj powdered iron cores w/two scdr adj on top of can; two 0.154" diam mtg holes 2 3/8" c to c w/holes offset 1/4" from ea other; four solder post term on bottom; pri and secd rated 0.87 and 0.43 microhenrys respectively, incl one resistors, rated 15,000 ohms.   |                     |        | 17-T-68272-6326        |                |                |                       | CAY | T-615172-1                 | CAY<br>CAY        | P-7716539 rev0<br>T-7615172-1 rev5                                | SR-3              |
| -471856               | TRANSFORMER, IF: 3/26/46<br>peak freq 30 mc, band width 3.9 p/m 0.1 mc; third IF stage; shielded in rectangular aluminum can; 3 5/16" h x 2 3/4" lg x 1 3/4" wd o/a excluding term; tuned pri and secd, critically coupled; adj powdered iron cores w/two scdr adj on top of can; two 0.154" diam holes 2 3/8" c to c w/holes offset 1/4" from ea other; four solder post term on bottom; pri and secd rated 2.8 and 1.75 microhenrys respectively, incl two resistors, one rated 4700 ohms, the other 3300 ohms; same as WT-471849 except for pri and secd adjustment coil is not interchangeable w/other IF transf in Navy Model SR-3. |                     |        | 17-T-68272-6516        |                |                |                       | CAY | 7615171-3                  | CAY<br>CAY<br>CAY | P-7716539 rev0<br>T-7615171-3 rev5<br>T-7615187<br>P-7716539 rev0 | SR-3              |
| -471857               | TRANSFORMER, IF: 3/26/46<br>peak freq 30 mc, band width 3.9 p/m 0.1 mc; fourth IF stage; shielded in rectangular aluminum case; 3 5/16" h x 2 3/4" lg x 1 3/4" wd o/a excluding term; tuned pri and secd, critically coupled; adj powdered iron cores w/two scdr adj on top of can; two 0.154" diam mtg holes 2 3/8" c to c w/holes offset 1/4" from ea other; four solder post term on bottom; pri and secd rated 2.8 and 2.1 microhenrys respectively, incl two resistors, one rated 4,700 ohms, the other 3,300 ohms.   |                     |        | 17-T-68272-6531        |                |                |                       | CAY | 7615171-4                  | CAY<br>CAY<br>CAY | P-7716539 rev0<br>T-7615171-4 rev5<br>T-7615187<br>D-7715764      | SR-3              |
|                       |  |                     |        |                        |                |                |                       |     |                            |                   |   |                   |
|                       |  |                     |        |                        |                |                |                       |     |                            |                   |   |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

**RESTRICTED**

SHEET 47-458

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------|
| -471858               | RF CHOKES: 3/27/46<br>RF chokes; single wnd, 4 pie universal wnd; unshielded; inductance 0.750 millihenry p/m 1%, 17.6 ohm DC resistance, distributed cap 2 mmf p/m 20%; 480 turns total; 7/8" lg x 1/2" diam, o/a; bakelite or ceramic form, air core; 7/8" lg x 9/32" diam coil form; mtd by leads; coil leads soldered to 1" lg axial copper leads; red spot on coil form at beginning of wnd; wax impr. |                     |        | 16-C-74238-2607        |                |                |                       | OPW<br>CBK | 7.050<br>7.050             | CBK        | 173-DA rev 1                | TS-173/UR         |
| -471859               | TRANSFORMER, IF: 4/3/46<br>peak freq 30 mc; input IF stage; shielded in rectangular aluminum can; 3 5/8" h x 1 15/16" lg x 1 1/2" wd o/a excluding term and mtg studs; tuned pri and sec; adj iron cores w/two scdr adj on top of can; two thd mtg studs diagonally mtd on 3/4" x 1 13/16" mtg/c; four solder lug term on bottom; wax impr, incl one 15 mmf capacitor.                                      |                     |        | 17-T-68273-4081        |                |                |                       | CADV       | 9496                       | CADV       | 9496 rev0                   | OCV               |
| -471860               | TRANSFORMER, IF: 4/3/46<br>peak freq 30 mc; interstage IF transf; shielded in rectangular aluminum can; 3 5/8" h x 1 15/16" lg x 1 1/2" wd o/a excluding term and mtg studs; tuned pri and sec; adj iron cores w/two scdr adj on top of can; two thd mtg studs diagonally mtd on 1 13/16" x 3/4" mtg/c; four solder lug term on bottom; wax impr, incl two capacitors, one rated 15 mmf, the other 30 mmf.  |                     |        | 17-T-68273-4101        |                |                |                       | CADV       | 9497                       | CADV       | 9497 rev0                   | OCV               |
| -471861               | TRANSFORMER, IF: 4/3/46<br>peak freq 30 mc; output IF stage; shielded in rectangular aluminum can; 3 5/8" h x 1 15/16" lg x 1 1/2" wd o/a excluding term and mtg studs; tuned pri and sec; adj iron cores w/two scdr adj on top of can; two thd mtg studs diagonally mtd on 1 13/16" x 3/4" mtg/c; six solder lug term on bottom; wax impr, incl two capacitors, one rated 15 mmf, the other 30 mmf.        |                     |        | 17-T-68273-4121        |                |                |                       | CADV       | 9498                       | CADV       | 9498 rev0                   | OCV               |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-458

**RESTRICTED**



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SHEET 47-459

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN                            |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|--|
| -471862               | COIL, RF: 4/3/46<br>single wnd, single pie wnd; unshielded; 14.3 microhenrys inductance p/m 2%; 21/32" lg x 7/16" diam o/a excluding term; phenolic form, air core; form 21/32" lg x 3/16" diam; mtd by two copper wire lead term, one ea end of coil; wax impr.  |                     |        | 16-C-73199-9635        |                |                |                       | CQJ        | RS-117                     | CM         | 532042 rev0                 | CM-23AFL<br>CM-24316<br>CM-23AGU<br>CM-24645 |
| -471863               | COIL, RF: 4/3/46<br>single wnd, single pie wnd; unshielded; 5.7 microhenrys inductance p/m 2%; 21/32" lg x 7/16" diam o/a excluding term; phenolic form, air core; form 21/32" lg x 3/16" diam; mtd by two copper wire lead term, one ea end of coil; wax impr.   |                     |        | 16-C-73022-2645        |                |                |                       | CQJ        | RS-118                     | CM         | 532041 rev0                 | CM-23AFL<br>CM-24316<br>CM-23AGU<br>CM-24645 |
| -471864               | GONIOMETER: 4/4/46<br>CANCELLED: never used.  |                     |        |                        |                |                |                       | CFT        | NIA-45235-14               | CFT        | FRJ-615-12A                 | DAX  |
| -471865               | COIL, RF: 4/5/46<br>single wnd, single pie universal wnd; unshielded; inductance 100 microhenrys; 3/4" lg x 13/16" OD o/a excluding term; bakelite form, air core; form 3/4" lg x 3/8" OD x 1/8" ID; mtd by 1/8" diam hole through ctr of form; two copper wire lead term; tropicalized and fungusproof.  |                     |        | 16-C-73743-4887        |                |                |                       | CTV        | 15-A-65                    | CTV        | 15-A-65 1ss1                | LAL  |
| -471866               | COIL, RF: 5/17/46<br>RF choke; single wnd, single pie universal wnd; unshielded; inductance 40 p/m 2% microhenrys, 0.05 amp; 5/8" lg x 1/2" OD o/a excluding term; phenolic dummy resistor form, air core; form 5/8" lg x 3/16" diam; mtd by two wire lead term, ea 1 1/2" lg; coil leads soldered to term; self resonant at 30 mc, tropicalized. |                     |        | 16-C-73488-7135        |                |                |                       | CRP<br>CFW | 92-5557-1                  | CRP        | 892-5557-1 1ss2             | AN/JEA-5                                     |
| -471867               | COIL, RF: 4/24/46<br>RF choke; single wnd, four pie universal wnd; unshielded; inductance 1.7 p/m 3% microhenrys, 40 ohms DC resistance; 1 1/4" lg x 15/32" OD o/a excluding term; bakelite form, air core; form 1 1/4" lg x 1/4" OD; mtd by two wire lead term, ea 1 1/2" lg; coil leads soldered to term.                                       |                     |        | 16-C-72836-3017        |                |                |                       | CAWN       | A-1666E                    | CAJR       | A-47-23 1ssA                | TS-202/U<br>(3)                              |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                             |  |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-459

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SHEET 47-460

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------|
| -471868               | COIL, RF: 4/25/46<br>RF choke; single wnd, single layer wnd; HS rectangular brass, silver pl shield can; 0.33 microhenrys p/m 5% inductance; 1 3/4" h x 1 7/16" wd x 7/8" lg o/a; ceramic coil, air core; two 1/8" diam holes 1 3/16" c to c on mtg plate; two solder lug term on side through sealed connections.                       |                     |        | 16-C-72701-3134        |                |                |                       | CAJR       | IA-47-21                   | CAJR       | A-47-21 1eaA                | FS-202/5<br>(2)   |
| -471869               | COIL, RF: 5/1/46<br>CANCELLED: same as Navy Type 304718.   |                     |        | 17-G-61674-2886        |                |                |                       | CC         | K-8683144-1                | CG         | K-8683144-1 rev1            | SP                |
| -471870               | COIL, RF: 5/1/46<br>RF choke; single wnd, single pie universal wnd; unshielded; rated 80 p/m 2% microhenrys at 50 ma DC; 7/16" lg x 1/2" diam o/a excluding term; phenolic dummy resistor form, air core; form 7/16" lg x 3/16" OD max; mtd by two copper wire lead term, ea 1 1/2" lg; color-coded to show inductance; tropicalized.    |                     |        | 16-C-73674-4607        |                |                |                       | CRP<br>CFW | 92-5358-1                  | CRP        | S-92-5358-1 1ea1            | 80-6              |
| -471871               | SUPPRESSOR, parasitic: 5/1/46<br>resistor and coil; 3/4" lg x 1/4" OD o/a excluding term; coil rated 22.4 p/m 2% microhenrys at 20 ma DC, wnd on 1/2w, 1,000 ohms resistor JAN type #RC20BF102J, self resonant at 30 mc; unshielded; mtd by two copper wire lead term ea 1 1/4" lg; tropicalized, color-coded for 22 microhenrys p/m 2%. |                     |        | 16-S-89767-7283        |                |                |                       | CRP<br>CFW | 92-5577-1                  | CRP        | S-92-5577-1 1ea1            | 80-6              |
| -471872               | SUPPRESSOR, parasitic: 5/1/46<br>resistor and coil; 3/4" lg x 1/8" OD o/a excluding term; coil rated 22.4 microhenrys p/m 2% at 20 ma DC, wnd on 1/2w, 10,000 ohm resistor JAN type RC20BF103J, self resonant at 30 mc; unshielded; mtd by two copper wire lead term ea 1 1/4" lg; tropicalized, color-coded for 22 microhenrys p/m 2%.  |                     |        | 16-C-89769-6104        |                |                |                       | CRP<br>CFW | 92-5578-1                  | CRP        | S-92-5578-1 1ea1            | 80-6              |
|                       |  |                     |        |                        |                |                |                       |            |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |            |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-460

**RESTRICTED**

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SHEET 47-461

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------|
| -471873               | SUPPRESSOR, parasitic: 5/1/46<br>resistor and coil; 3/4" lg x 1/4" OD o/a excluding term; coil rated 22.4 microhenrys p/m 2% at 20 ma DC, wnd on 1/2v, 2,000 ohm resistor JAN type RC2CBF202J, self resonant at 30 mc; uncased; mtd by two copper wire lead term ea 1 1/4" lg; tropicalized, color-coded for 22 microhenrys p/m 2%. |                     |        | 16-S-89768-5438        |                |                |                       | CRP        | 92-5579-1                  | CRP        | S-92-5579-1 1ss1            | SG-6              |
| -471874               | COIL, RF: 5/1/46<br>RF choke; single wnd, single layer wnd; unshielded; rated 1.1 microhenrys, 13 turns #28E wire; 3/8" lg x 5/32" OD o/a excluding term; iron core, iron form; mts by two axial pigtail type term, ea 1 1/4" lg; green body color; wnd cemented in place by baked varnish.   |                     |        | 16-C-72788-8214        |                |                |                       | CAUZ       | CFIr 3/8-13/28             | CRP        | S-92-5583-1 1ss1            | SG-6              |
| -471875               | SUPPRESSOR, parasitic: 5/20/46<br>coil and resistor; 5/8" lg x 1/2" OD o/a excluding term; rated 150 microhenrys, 0.020 amp, 5.5 ohms DC resistance, self resonant at 10 mc wnd on 3,000 ohm, 1/2v resistor, CIR type BT 1/2; uncased; mts by two pigtail term, ea 1 1/2" lg of #20 tinned wire; tropicalized.                      |                     |        | 16-S-89790-4556        |                |                |                       | CRP<br>CFW | 92-5488                    | CRP        | S-92-5488-1 1ss1            | SG-e<br>SG-1e     |
| -471876               | SUPPRESSOR, parasitic: 5/20/46<br>coil and resistor; 5/8" lg x 1/2" OD o/a excluding term; rated 150 microhenrys, 0.02 amp, 5.5 ohms DC resistance, self resonant at 10 mc, wnd on 500 ohm, 1/2v resistor, CIR type BT 1/2; uncased; mts by two pigtail term, ea 1 1/2" lg of #20 tinned wire; tropicalized.                        |                     |        | 16-S-89789-2554        |                |                |                       | CRP<br>CFW | 92-5489                    | CRP        | S-92-5489-1 1ss1            | SG-e<br>SG-1e     |
| -471877               | SUPPRESSOR, parasitic: 5/20/46<br>coil and resistor; 5/8" lg x 1/2" OD o/a excluding term; rated 150 microhenrys, 5.5 ohms DC resistance, 0.02 amp, self resonant at 10 mc, wnd on 1,500 ohm, 1/2v resistor, CIR type BT 1/2; uncased; mts by two pigtail term, ea 1 1/2" lg of #20 tinned wire; tropicalized.                      |                     |        | 16-S-89789-7706        |                |                |                       | CRP<br>CFW | 92-5490                    | CRP        | S-92-5490-1 1ss1            | SG-e<br>SG-1e     |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                             |                   |
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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-461

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SHEET 47-462

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------|
| -471878               | SUPPRESSOR, parasitic: 5/20/46<br>coil and resistor; 5/8" lg x 1/2" OD o/a excluding term; rated 150 microhenrys, 0.02 amp, 5.5 ohms DC resistance, self resonant at 10 mc, wnd on 860 ohm, 1/2w resistor, CIR type BT 1/2; uncased; mts by two pigtail term, ea 1 1/2" lg of #20 tinned wire; tropicalized.                 |                     |        | 16-S-89789-3884        |                |                |                       | CRP<br>CFW | 92-5491                    | CRP        | S-92-5491-1 iss1            | SG-e<br>SG-le     |
| -471879               | SUPPRESSOR, parasitic: 5/20/46<br>coil and resistor; 5/8" lg x 1/2" OD o/a excluding term; 17.4 microhenrys, 1.5 ohms DC resistance, 0.2 amp, self resonant at 30 mc, wnd on 3,000 ohm, 1/2w resistor, CIR type BT 1/2; uncased; mts by two pigtail term, ea 1 1/2" lg of #20 tinned wire; tropicalized.                     |                     |        | 16-S-89756-8111        |                |                |                       | CRP<br>CFW | 92-5492                    | CRP        | S-92-5492-1 iss2            | SG-e<br>SG-le     |
| -471880               | COIL, RF: 5/20/46<br>RF choke; single wnd, single layer wnd; unshielded; self resonant at 30 mc, c/o 25 turns #27 formex HF wire; 5/8" lg x 1/4" OD o/a excluding term; mica core, phenolic form 5/8" lg x 3/16" OD; mts by two pigtail type term ea 1 1/2" lg of #28 wire; orange color coding dot on form; tropicalized.   |                     |        | 16-C-72376-4774        | N16-C-13232-23 |                |                       | CRP        | 92-5563-1                  | CRP        | S-92-5563-1 iss2            | SG-3              |
| -471881               | COIL, RF: 5/20/46<br>RF choke; single wnd, single layer wnd; unshielded; self resonant at 30 mc, c/o 26 turns #27 formex HF wire; 5/8" lg x 1/4" OD o/a excluding term; mica core, phenolic form 5/8" lg x 3/16" OD; mts by two pigtail type term, ea 1 1/2" lg of #28 wire; gray color coding dot on form; tropicalized.    |                     |        | 16-C-72402-5064        | N16-C-13232-26 |                |                       | CRP        | 92-5565-1                  | CRP        | S-92-5565-1 iss2            | SG-3              |
| -471882               | COIL, RF: 5/2/46<br>single wnd, single pie wnd; unshielded; rated 3.6 microhenrys p/m 7/8, 0.05 amp; 3/8" OD x 5/8" lg o/a excluding term; air core, phenolite dummy resistor form 5/8" lg x 3/16" OD; mts by two pigtail type term, ea 1 1/2" lg of #20 wire; orange, blue and gold color coding dots on wnd; tropicalized. |                     |        | 16-C-72941-4505        |                |                |                       | CFW        | 92-5586-1                  | CRP        | S-92-5586-1 iss1            | SG-6<br>VR<br>VJ  |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-462

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SHEET 47-463

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-------------|----------------------------|------------|-----------------------------|-------------------|
| -471883               | COIL, RF:<br>5/21/46<br>single wnd, single pie wnd; unshielded; rated 9.6 microhenrys p/m 5%, 0.05 amp; 3/8" OD x 5/8" lg o/a excluding term; air core, phenolite dummy resistor form 5/8" lg x 3/16" OD; mts by two pigtail type term, ea 1 1/2" lg of #20 wire; green, blue and gold color coding dots on wnd; tropicalized.                    |                     |        | 16-C-73018-5793        |                |                |                       | CFW         | S-92-5587-1<br>1ss1        | CRP        | S-92-5587-1 1ss1            | SG-6              |
| -471884               | COIL, RF:<br>5/21/46<br>single wnd, single pie wnd; unshielded; rated 5.1 microhenrys p/m 5%, 0.05 amp, resonant at 30 mc; 3/8" OD x 5/8" lg o/a excluding term; air core, phenolite dummy resistor form 5/8" lg x 3/16" OD mts by two pigtail type term, ea 1 1/2" lg of #20 wire; green, brown and gold color coding dots on wnd; tropicalized. |                     |        | 16-C-72988-2387        | N16-C-13153-50 |                |                       | CFW         | S-92-5589-1<br>1ss1        | CRP        | S-92-5589-1 1ss1            | SG-6<br>VJ<br>VJ  |
| -471885               | SUPPRESSOR, parasitic:<br>5/28/46<br>coil and resistor; 3/8" lg x 1/4" OD o/a excluding term; coil rated 21 microhenrys, c/o 63 turns #38 EB wire wnd on CBZ type EB 1/2 resistor rated 5,100 ohms, 1/2w; uncased; mts by two pigtail lead term, ea 1 1/2" lg; impr, effective shunt cap 0.4 p/m 0.3 mmf at 30 mc.                                |                     |        | 16-S-89765-4959        |                |                |                       | CRP         | 92-5479-1                  | CRP        | S-92-5479-1 1ss3            | SG-6              |
| -471886               | COIL, RF:<br>6/4/46<br>peaking coil; single wnd, single pie univereal wnd; unshielded; c/o 59 turns #36ES wire rated 15 microhenrys p/m 5%; 1/4" OD x 1/2" lg o/a excluding term; phenolic form, air core; form 0.156" OD x 1/2" lg; mts by two wire pigtail type term ea 1 1/2" lg.  |                     |        | 16-C-73203-5813        |                |                |                       | CEBJ<br>CBZ | CL-10020-1                 | CEZ        | CL-10020-1 1ssD             | AN/CBK-3          |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900109(A)  
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SHEET 47-463

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SHEET 47-464

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR          | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|--------------|----------------------------|------------|-----------------------------|-------------------|
| -471887               | COIL, RF: <span style="float: right;">6/4/46</span><br>peaking coil; single wnd, single pie universal wnd; unshielded; c/o 25 turns #36ES wire rated 3.2 microhenrys p/a 5/8; 13/64" OD x 1/2" lg o/a excluding term; phenolic form, air core; form 0.156" OD x 1/2" lg; mts by two wire pigtail type term ea 1 1/2" lg.  |                     |        | 16-C-72928-2842        |                |                |                       | CBEJ<br>CHEZ | CL-10020-2                 | CHEZ       | CL-10020-2 1ssD             | AN/CPX-3          |
| -471888               | COIL, RF: <span style="float: right;">6/4/46</span><br>interstage coil; single wnd, single layer wnd; unshielded; c/o 12 3/4 turns #28E wire; 5/8" lg x 3/8" OD o/a; bakelite form, air core; form 0.36" OD x 37/64" lg; bayonet mtg; two pin type term; wax impr, coded by one dot on top of form.   |                     |        | 16-C-72147-2169        |                |                |                       | CHEZ         | A-11295-1                  | CHEZ       | A-11295-1 1ssC              | AN/CPX-3          |
| -471889               | COIL, RF: <span style="float: right;">6/4/46</span><br>interstage coil; single wnd, single layer wnd; unshielded; c/o 11 3/4 turns #27E wire; 5/8" lg x 3/8" OD o/a; bakelite form, air core; form 0.36" OD x 37/64" lg; bayonet mtg; two pin type term; wax impr, coded by two dots on top of form.  |                     |        | 16-C-72109-4505        |                |                |                       | CHEZ         | A-11295-2                  | CHEZ       | A-11295-2 1ssC              | AN/CPX-3          |
| -471890               | COIL, RF: <span style="float: right;">6/4/46</span><br>interstage coil; single wnd, single layer wnd; unshielded; c/o 10 1/2 turns #26E wire; 5/8" lg x 3/8" OD o/a; bakelite form, air core; form 0.36" OD x 37/64" lg; bayonet mtg; two pin type term; wax impr, coded by two dots on top of form.  |                     |        | 16-C-72059-8010        |                |                |                       | CHEZ         | A-11295-3                  | CHEZ       | A-11295-3 1ssC              | AN/CPX-3          |
| -471891               | COIL, RF: <span style="float: right;">6/5/46</span><br>RF choke; single wnd, single layer wnd; unshielded; c/o 81 turns #25ESC wire, rated 65 microhenrys, 0.21 amp, 0.4 ohms DC resistance; 3 5/8" lg x 1 5/8" OD o/a; air core, hard rubber form 1/2" OD x 2 1/32" lg; mts by two 0.161" diam holes 1 1/8" c to c; two solder pin term, one ea end; moistureproof for HV surges (8,000v). |                     |        | 16-C-73629-3098        |                |                |                       | CAY          | 7422815                    | CAY        | M-7422815 sub1              | SR-3              |
|                       |   |                     |        |                        |                |                |                       |              |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |              |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-464

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SHEET 47-465

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFOR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471892               | COIL, RF: 5/6/46<br>RF plate choke; single wnd, single layer wnd; unshielded; c/o 31 turns aeroglass 10-0.010" wire (1,500v ins) rated 8.2 microhenrye at 60 cyc, 680 ma, 0.12 ohms DC resistance; 6" lg x 1 1/32" wd x 1 1/32" h o/a excluding mtg bkt; air core, micarta form; mts by two bkt on stand-off ins w/two #10-32 thd holes 1 3/4" c to c; three solder lug term on side; fungusproof and moistureproof; u/v Navy Model SR-3. |                     |        | 16-C-75026-5644        |                |                |                       | CAY  | 7421548-2                  | CAY        | M-7421548-2 sub0            | SG-3              |
| -471893               | COIL, RF: 6/5/46<br>interstage coil; single wnd, single layer wnd; unshielded; c/o 11 3/4 turns #27E wire tapped at 5 turns; 5/8" lg x 3/8" OD o/a; bakelite form, air core; form 0.36" OD x 37/64" lg; bayonet mtg; two pin type term; wax impr, coded by four dots on top of form.  |                     |        | 16-C-72109-4507        |                |                |                       | CBZ  | A-11297                    | CBZ        | A-11297 1eeC                | AN/CPX-3          |
| -471894               | TRANSFORMER, IF: 6/5/46<br>peak freq 60.5 mc; input IF transf; unshielded; 21/32" lg x 31/64" OD o/a; air core; mte by 0.135" diam hole insert w/#4-40 int thd in end of secd form; two 0.051" diam copper pins and two wire lead term, all radial; wax impr, secd wnd on tubular phenolic form which surrounds pri wnd on solid phenolic form.   |                     |        | 17-T-68400-1006        |                |                |                       | CBZ  | A-11981                    | CBZ        | A-11981 1eeB                | AN/CPX-3          |
| -471895               | SUPPRESSOR, parasitic: 6/14/46<br>coil and resistor; 3/8" lg x 5/16" OD o/a excluding term; coil rated 21 millihenrye, 15 ma, 2.3 ohms DC resistance, effective capacitance 0.3 mmf p/m 0.3 mmf at 30 mc, wnd on 1,000 ohms p/m 5%, 1/2v resistor; uncased; mte by two pigtail term, ea 1 1/2" lg of #21 tinned wire; tropicalized.   |                     |        | 16-S-89838-7283        |                |                |                       | CRP  | 95-5590-1                  | CRP        | S-92-5590-1 1ee2            | SO-6              |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-465

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SHEET 47-466

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |          |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|----------|
| -471896               | SUPPRESSOR, parasitic: 6/18/46<br>coil and resistor; 5/8" lg x 3/16" OD o/a excluding term; c/o 28 turns #30E wire, wnd on JAN type RC30BF102J; uncased; mts by two pigtail term.  |                     |        | 16-S-89901-6419        |                |                |                       |      | CFT                        | FRA-2047-1 | CFT                         | FRA-2047-1 1ea    | RT-92/AM |
| -471897               | SUPPRESSOR, parasitic: 6/14/46<br>coil and resistor; 3/8" lg x 5/16" OD o/a excluding term; rated 21 microhenrys, 15 ma, 2.3 ohms DC resistance, effective capacitance 0.4 mmf p/m 0.3 mmf at 30 mc, wnd on 2,000 ohms p/m 5%, 1/2w resistor; uncased; mts by two pigtail term, ea 1 1/2" lg of #21 tinned wire; tropicalized.   |                     |        | 16-S-89839-5414        |                |                |                       |      | CRP                        | 92-5592-1  | CRP                         | S-92-5592-1 1ea2  | SO-6     |
| -471897-A             | SUPPRESSOR, parasitic: 7/17/46<br>coil and resistor; 3/8" lg x 5/16" OD o/a excluding term; rated 21 microhenrys, 15 ma, 2.3 ohms DC resistance, effective capacitance 0.4 mmf p/m 0.2 mmf at 30 mc, wnd on 2,000 ohm p/m 5%, 1/2w resistor; uncased; mts by two pigtail term, ea 1 1/2" lg of #21 tinned wire; tropicalized; same as RT-471897 except for cap tolerance difference. |                     |        | 16-S-89765-4903        |                |                |                       |      | CRP                        | 92-5591-1  | CRP                         | S-92-5591-1 1ea2  | SO-6     |
| -471898               | SUPPRESSOR, parasitic: 6/14/46<br>coil and resistor; 3/8" lg x 5/16" OD o/a excluding term; rated 21 microhenrys, 15 ma, 2.3 ohms DC resistance, effective capacitance 0.4 mmf p/m 0.3 mmf at 30 mc, wnd on 3,600 ohm p/m 5%, 1/2w resistor; uncased; mts by two pigtail term, ea 1 1/2" lg of #21 tinned wire; tropicalized.  |                     |        | 16-S-89765-4946        |                |                |                       |      | CRP                        | 92-5593-1  | CRP                         | S-92-5593-1 1ea2  | SO-6     |
| -471899               | SUPPRESSOR, parasitic: 6/14/46<br>coil and resistor; 3/8" lg x 5/16" OD o/a excluding term; rated 21 microhenrys, 15 ma 2.3 ohms DC resistance, effective capacitance 0.4 mmf p/m 0.2 mmf at 30 mc, wnd on 10,000 ohm p/m 5%, 1/2w resistor; uncased; mts by two pigtail term, ea 1 1/2" lg of #21 tinned wire; tropicalized.  |                     |        | 16-S-89765-4973        |                |                |                       |      | CRP                        | 92-5594-1  | CRP                         | S-92-5594-1 1ea2  | SO-6     |
| -471900               | SUPPRESSOR, parasitic: 6/18/46<br>coil and resistor; 5/8" lg x 3/16" OD o/a excluding term; c/o 28 turns #30E wire wnd on JAN type RC30BF104J resistor; uncased; mts by two pigtail term.  |                     |        | 16-S-89902-5062        |                |                |                       |      | CFT                        | FRA-2048-1 | CFT                         | FRA-2048-1 1ea    | RT-92/AM |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |          |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |          |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |          |

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NAVSHIPS 900,109(A)  
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SHEET 47-466

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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO     | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-------------|----------------------------|------------|---------------------------------|-------------------|
| -471901               | COIL, RF: 6/19/46<br>interstage coil; single wnd, single layer wnd; unshielded; c/o 9 3/4 turns #27E wire; 5/8" lg x 3/8" OD o/a; bakelite form, air core; form 0.36" OD x 37/64" lg; bayonet mtg; two pin type term; wax impr, coded by one dot on top of form.   |                     |        | 16-C-72008-4619        |                |                |                       | CHZ         | A-12796                    | CHZ        | A-12796 1ssA                    | AN/CEX-3          |
| -471902               | COIL, RF: 6/19/46<br>3 RF coils; 3 wnd; shielded, CRG case, BS; rated 1.3/22/55 millihenries at 167/100/62.5 kc; 2 11/16" lg x 1 13/16" wd x 2 1/2" h, excluding term; 3 powdered iron cores; four #6-32 tap mtg holes on 2 1/8" x 7/8" mtg/c; 4 hook term on bottom, marked by stamping A3, A4, A12, A13 on case; 5/16" diam x 5/16" lg tube centered between end mtg holes.  |                     |        | 16-C-77705-5471        |                |                |                       | CAOY<br>CHZ | GL-10032                   | CHZ        | GL-10032 1ss A                  | AN/CEX-3          |
| -471903               | COIL, RF: 6/24/46<br>retardation coil; single wnd, duolateral wnd; unshielded; rated 20 microhenrys, 1.3 ohms DC resistance, test freq 100 kc, c/o 50 turns #34E wire; approx 1 3/16" lg x 1/2" OD o/a excluding lead; steatite form, air core; mts by one 1/8" diam tapped hole in form; two solder hook term, one ea side of wnd; fungus and moisture proof.   |                     |        | 16-C-73298-3113        |                |                |                       | CW          | D-175102                   | CW         | BO-111370 1ss2                  | MK-22 Mod1        |
| -471904               | TRANSFORMER, RF: 7/2/46<br>transformer RF (Repeating Coil); four wnd; shielded, metal case; pri c/o two coils paralleled ea w/20 turns #24 E wire, secd c/o two coils paralleled ea w/20 turns #24E wire, pri has 0.055 ohms DC resistance, secd has 0.056 ohms DC resistance, freq range 10 kc to 2 mc; 4" lg x 1 13/16" wd x 4 5/8" h o/a; permalloy core, bakelite form; mts by four mtg holes in plate on 0.750" x 3.625" mtg/c; four bushing 1ss term on top of case; oil filled BS case. |                     |        | 17-T-81323-3181        | M16-T-7002-85  |                |                       | CW          | ES-13197                   | CW<br>CW   | BO-110962 1ss1<br>ES-13197 1ss1 | MK-22 Mod1        |
|                       |  |                     |        |                        |                |                |                       |             |                            |            |                                 |                   |
|                       |  |                     |        |                        |                |                |                       |             |                            |            |                                 |                   |

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-467

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SHEET 47-468

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471905               | TRANSFORMER, IF: 7/5/46<br>455 kc peak freq; audio diode IF transf; shielded, rectangular metal can; 2" lg x 1 7/16" wd x 2 9/32" h excluding term add mtg etude; pri and secd tuned; adj powdered iron core; two #4-40 thd mtg studs 1 7/16" c to c; six solder lug term; incl three capacitors and three resistors, pri/secd rated 700/469 microhenrys at 1000 cps, 9.3/17.6 ohms DC resistance, mutual inductance 53 microhenrys at 1000 cps, secd adj on top of can. |                     |        | 17-T-67630-2054        |                |                |                       | CFT | NL-52113-2B                | CFT        | NL-52113-2B                 | DAX               |
| -471906               | COIL, RF: 7/5/46<br>RF choke; one wnd, duolaterally wnd; unshielded; rated 25 millihenrys at 1,000 cps, 125 ma DC, c/o 1,275 turns #36BES wire, 100 ohms DC resistance; 1" lg x 1 3/16" diam o/a; powdered iron core, bakelite form; form 7/16" OD x 9/16" lg; two solder lugs on bottom; wax impr.  |                     |        | 16-C-75331-1219        |                |                |                       | CM  | 897 Modified               | CFT        | RF-5755-1A                  | DAX               |
| -471907               | COIL, RF: 7/5/46<br>secd IF transf; one wnd, universal pie wnd; unshielded; 455 kc oper freq rated 406.5 microhenrys at 1,000 cps, Q is 106 at 455 kc, 5.01 ohms DC resistance, c/o 163 turns of #7-418 Litz wire; 3/4" diam x 2 1/2" lg o/a; phenolic form, air core; 1/2" diam x 2 1/2" lg o/a; mtg not provided; two wire leads on side; wax impr.  |                     |        | 16-C-74104-1480        |                |                |                       | CFT | RF-5505-1B-1               | CFT        | RF-5505-1B-1                | DAX               |
| -471908               | COIL, RF: 7/5/46<br>pri of IF transf; one wnd, universal pie wnd; unshielded; 455 kc oper freq, rated 409.3 microhenrys at 1000 cps, Q is 106 at 455 kc, 5.12 ohms DC resistance; c/o 167 turns of #7-418 Litz wire; 3/4" diam x 2 1/2" lg o/a; phenolic form, air core; 1/2" diam x 2 1/2" lg o/a; mtg not provided; two wire leads on side; wax impr.  |                     |        |                        |                |                |                       | CFT | RF-5505-1B-2               | CFT        | RF-5505-1B-2                | DAX               |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-468

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SHEET 47-469

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFG | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471909               | TRANSFORMER, IF: 7/5/46<br>455 kc peak freq; indicator diode coil; unshielded; 1.78" lg x 7/8" diam o/a; air core; no integral mtg provisions supplied; four wire lead term; wax impr, pri rated 469 microhenrys at 1000 cps, 17.6 ohms DC resistance, secd rated 700 microhenrys, 9.3 ohms DC resistance, mutual inductance rated 186 microhenrys at 1000 cps, Q is 110 at 455 kc.                     |                     |        | 17-T-67608-1771        |                |                |                       | GFT | F-35992-3V-6               | GFT        | F-35992-3V-6                | DAX               |
| -471910               | TRANSFORMER, IF: 7/5/46<br>455 kc peak freq; audio diode IF coil; unshielded; 1.78" lg x 7/8" diam o/a; air core; no integral mtg provisions supplied; four wire lead term; wax impr, pri rated 469 microhenrys at 1000 cps, c/o 170 turns #38 DSE wire, 17.6 ohms DC resistance, secd rated 700 microhenrys at 1000 cps, 9.3 ohms DC resistance, mutual inductance 53 microhenrys, Q of 110 at 455 kc. |                     |        | 17-T-67608-1761        |                |                |                       | GFT | F-35992-3V-9               | GFT        | F-35992-3V-9                | DAX               |
| -471911               | TRANSFORMER, RF: 7/5/46<br>BFO coil; one wnd, universal pie wnd; unshielded; rated 700 microhenrys at 1,000 cps, freq tuned to 455 kc, c/o 210 turns #5-40DS Litz wire, 9.3 ohms DC resistance, Q is 114 at 455 kc; 1.781" lg x 0.877" diam o/a; phenolic form, air core 1.781" lg x 1/2" diam; two wire leads at side; wax impr.   |                     |        | 16-C-74226-1394        | N16-T-6094     |                |                       | GFT | F-35992-3V-3               | GFT        | F-35992-3V-3                | DAX               |
| -471912               | COIL, RF: 7/5/46<br>hash fitter choke; one wnd, helical wnd; unshielded; rated 20 millihenrys at 1,000 cps, 6.5 amp, 25 ohms DC resistance; c/o 55 turns #12E wire; 2" lg x 1 5/16" diam o/a; bakelite rod form 1 21/32" lg x 0.3125" diam; one #8-32 thd mtg screw through ctr; two wire leads, one near top, one near bottom; wax impr; same as RT-47902 except for modified mtg provisions.          |                     |        | 16-C-75295-9851        |                |                |                       | CMA | RF-583 Modified            | GFT        | NL-52026-1C 1ssC            | DAX               |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-469

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SHEET 47-470

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471913               | COIL ASSEMBLY, tube deflection: 7/5/46<br>electromagnetic deflection; c/o four deflection coils mtd in 3 1/8" ID bakelite ring, ea coil has 8,000 turns of random wmd #40E wire, ends of coils brought out to two solder type term on form, coils spaced 90 deg apart; bakelite ring, black finish; ea coil rated 1.48 henrys at 9 ma, 1540 ohms DC resistance per coil; tubular ring; 3 5/8" OD x 1" wd o/a; coils mtd on inner circum by four 1/4"-20 thd screws, fits on CR tube neck. |                     |        | 16-C-78202-1251        |                |                |                       | CFT  | NL-50084-2B                | CFT        | NL-50084-2B revB            | DAX               |
| -471914               | TRANSFORMER, IF: 7/5/46<br>455 kc peak freq; indicator diode IF transf; shielded, rectangular metal can; 2" lg x 1 7/16" wd x 2 9/32" h excluding term and mtg studs; powdered iron core; tuned pri and secd; adj iron core; two #4-40 thd mtg studs 1 7/16" c to c; six solder lug term on bottom; scdr adj on top of can, incl two resistors and two capacitors, wax impr coils, pri/secd rated 700/469 microhenrys, 93/17.6 ohms DC resistance.  |                     |        | 17-T-67630-2044        |                |                |                       | CFT  | NL-52112-2B                | CFT        | NL-52112-2B                 | DAX               |
| -471915               | COIL, RF: 7/18/46<br>tuning coil; one wmd, single layer wmd; unshielded; c/o 6 turns #28SR #1-28 HF wire; 5/8" diam x 1 5/32" lg o/a; ceramic form, air core; brass slug tuned; scdr adj; one mtg bushing 5/16" lg x 9/32"-22 thd; two pigtail leads 2" lg; impr for tropical use.  |                     |        | 16-C-76251-9281        |                |                |                       | CAZQ | 92-5381-1                  | CRP        | W92-5381-1 1aa5             | SG-3              |
| -471916               | COIL, RF: 7/18/46<br>tuning; one wmd, single layer wmd; unshielded; c/o 20 turns #30SR #1-30HF wire; 5/8" diam x 1 5/32" lg o/a; ceramic form, air core; brass slug tuned; scdr adj; one mtg bushing 5/16" lg x 9/32"-22 thd; two pigtail leads 2" lg; impr for tropical use.   |                     |        | 16-C-76416-3368        | 16-T-18648-10  |                |                       | CAZQ | 92-5381-2                  | CRP        | W92-5381-2 1aa5             | SG-3              |
| -471917               | COIL, RF: 7/18/46<br>tuning; one wmd, single layer wmd; unshielded; c/o 4 turns #28SR #1-28HF wire; 5/8" diam x 1 5/32" lg o/a; ceramic form, air core; brass slug tuned; scdr adj; one mtg bushing 5/16" lg x 9/32"-22 thd; two pigtail leads 2" lg; impr for tropical use.  |                     |        | 16-C-76221-6915        |                |                |                       | CAZQ | 92-5381-4                  | CRP        | W92-5381-4 1aa5             | SG-3              |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-470

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SHEET 47-471

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471918               | COIL, RF: 7/18/46<br>tuning; one wnd, single layer wnd; unsh elded; c/o 14 turns #28SR #1-28HF wire; 5/8" diam x 1 5/32" lg o/a; ceramic form, air core; brass slug tuned; scdr adj; one mtg bushing 5/16" lg x 9/32"-22 thd; two pigtail leads 2" lg; impr for tropical use; same as NT-471922 except for positioning of leads.      |                     |        | 16-C-76356-5732        | 116-T-18648-20 |                |                       | CAZQ | 92-5381-22                 | CRP        | W92-5381-22 1ae5            | SG-3              |
| -471919               | COIL, RF: 7/18/46<br>tuning coil; one wnd, single layer wnd; unshielded; double tapped, c/o 14 turns #28SR #1-28HF wire tapped at 2 1/8 turns, 5 1/2 turns; 5/8" diam x 1 5/32" lg; ceramic form, air core; brass slug tuned; scdr adj; one mtg bushing 5/16" lg x 9/32"-22 thd; four pigtail leads 2" lg; impr for tropical use.     |                     |        | 16-C-76356-5742        | 116-T-18648-30 |                |                       | CAZQ | 92-5381-24                 | CRP        | W92-5381-24 1ae5            | SG-3              |
| -471920               | TRANSFORMER, RF: 7/18/46<br>tuning coil; two wnd, bifilar wnd; unshielded; c/o 6 turns #28SR #1-28HF wire and 7 turns #28SR #1-28HF wire; 5/8" diam x 1 5/32" lg o/a; ceramic form, air core; brass slug tuned; scdr adj; one mtg bushing 5/16" lg x 9/32"-22 thd; four pigtail leads 2" lg; impr for tropical use.                   |                     |        | 17-T-82437-8378        |                |                |                       | CAZQ | 92-5381-25                 | CRP        | W92-5381-25 1ae5            | SG-3              |
| -471921               | TRANSFORMER, RF: 7/18/46<br>tuning coil; two wnd, bifilar wnd; unshielded; c/o 6 turns #28SR #1-28HF wire and 8 turns #28SR #1-28HF wire; 5/8" diam x 1 5/32" lg o/a; ceramic form, air core; brass slug tuned; scdr adj; one mtg bushing 5/16" lg x 9/32"-22 thd; four pigtail leads 2" lg; impr for tropical use.                   |                     |        | 17-T-82437-8383        |                |                |                       | CAZQ | 92-5381-26                 | CRP        | W92-5381-26 1ae5            | SG-3              |
| -471922               | COIL, RF: 7/18/46<br>tuning coil; one wnd, single layer wnd; unshielded; c/o 14 turns #28SR #1-28HF wire; 5/8" diam x 1 5/32" lg o/a; ceramic form, air core; brass slug tuned; scdr adj; one mtg bushing 5/16" lg x 9/32"-22 thd; two pigtail leads 2" lg; impr for tropical use; same as NT-471918 except for position ng of leads. |                     |        | 16-C-76356-5734        | 116-T-18648-40 |                |                       | CAZQ | 92-5381-27                 | CRP        | W92-5381-27                 | SG-3              |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-471

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SHEET 47-472

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471923               | COIL, RF: 7/18/46<br>RF choke coil; single layer wnd, single wnd; unshielded; c/o 11 turns #28 solid wire, 60 mc anti-resonant freq; 1/2" lg x 0.147" OD body dimen; phenolic form, air core 1/2" lg x 0.125" diam; mts by two axial wire lead pigtail term 1 1/2" lg; blue coding dots; impr for tropical use.    |                     |        | 16-C-72076-5329        | 16-C-13232     |                |                       | CRP | 92-5597-1                  | CRP        | S92-5597-1 1a&l             | SQ-3              |
| -471924               | COIL, RF: 7/22/46<br>pre-emphasis filter; single wnd, universal wnd; unshielded; rated 85 millihenrys at 1 kc, 328.3 ohms DC resistance, c/o 2,342 turns #38ES wire; 1 1/16" OD x 7/8" lg excluding term; ceramic form, air core; 1/2" diam x 5/8" lg; clearance hole 0.169" diam for mtg; two lug term; wax impr. |                     |        | 16-C-75549-9726        |                |                |                       | CFW | 12985F                     | CFW        | 12985F                      | AN/SRQ-2          |
| -471925               | COIL, RF: 7/22/46<br>RF peaking choke; single wnd, universal wnd; unshielded; rated 25 millihenrys at 1 kc, 158.7 ohms DC resistance, c/o 1,385 turns #38ES wire; 1 1/16" OD x 7/8" lg excluding term; ceramic form, air core 1/2" diam x 5/8" lg; clearance hole for mtg w/#6-32 screw; two lug term; wax impr.   |                     |        | 16-C-75334-9767        |                |                |                       | CFW | 12961F                     | CFW        | 12961F                      | AN/SRQ-2          |
| -471926               | COIL, RF: 7/22/46<br>equalizer filter choke; single wnd, universal wnd; unshielded; rated 150 millihenrys at 1 kc, 450 ohms DC resistance, c/o 3,030 turns #ES wire; 1 7/64" OD x 7/8" lg c/a; ceramic form, air core 1/2" diam x 5/8" lg; clearance hole for mtg w/#6-32 screw; two lug term; wax impr.           |                     |        | 16-C-75620-3920        |                |                |                       | C W | 14069F                     |            |                             | AN/SRQ-2          |
| -471927               | COIL, RF: 7/22/46<br>RF filter choke; single wnd, universal wnd; unshielded; rated 5 millihenrys at 1,000 cps, 41.61 ohms DC resistance, c/o 570 turns #38ES wire; 1 1/16" OD x 7/8" lg excluding term; ceramic form, air core 1/2" diam x 5/8" lg; clearance hole for mtg w/#6-32 screw; two lug term; wax impr.  |                     |        | 16-C-74874-9562        |                |                |                       | CFW | 12943F                     |            |                             | AN/SRQ-2          |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

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SUPPLEMENT # 1

SHEET 47-472

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SHEET 47-473

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471928               | COIL, RF: 7/22/46<br>RF peaking choke; universal wnd; unshielded; rated 40 millihenrys at 1 kc, 205 ohms DC resistance, c/o 1675 turns #36ES wire; 1 1/16" OD x 7/8" lg o/a; ceramic form, air core 1/2" diam x 5/8" lg; clearance hole for mtg w/#6-32 screw; two lug term; wax impr.   |                     |        | 16-C-75413-6806        |                |                |                       | CFW  | 12967F                     |            |                             | AN/SRQ-2          |
| -471929               | COIL, RF: 7/22/46<br>tank ckt inductance; single wnd, single layer wnd; unshielded; c/o 28 turns of #22B wire, 0.14 ohms DC resistance, rated 6.5 millihenrys; 1 1/2" lg x 1.0" diam w/o leads; phenolic form, air core 1" diam x 1 1/2" lg; mts by two 5" wire leads; wax impr.   |                     |        | 16-C-74971-6495        |                |                |                       |      |                            | CFW        | RXA 1957                    | AN/SRQ-2          |
| -471930               | COIL, RF: 7/22/46<br>tuning c oke; single wnd, duolateral wnd, two pie; unshielded; rated 0.75 millihenrys ea sect, 2.1 millihenrys at 1000 cps, total inductance 400 ma, 6 ohms DC resistance, c/o 221 turns #31 ES wire per pie, top at ctr; 15/16" OD x 2 1/2" lg excluding term; ceramic form, air core 1/2" diam x 2 1/2" lg; two #6-32 tapped mtg holes, one at ea end; tree rigid brass term clips; wax impr, tropicalized. |                     |        |                        |                |                |                       | CFW  | RXA-2277                   |            |                             | AN/SRQ-2          |
| -471931               | COIL, RF: 7/22/46<br>tuning coil; single wnd, universal wnd; unshielded; one sect rated 0.113 millihenrys, 4 ohms DC resistance, other sect rated 2.5 millihenrys, 29 ohms DC resistance total inductance 3 millihenrys, c/o 491 turns #36ES wire tapped at 419 turns; 1 1/16" OD x 7/8" lg excluding term; ceramic form, air core; form 1/2" diam x 5/8" lg; clearance hole for mtg w/#6-32 screw; three lug term; wax impr.      |                     |        | 16-C-74775-9767        |                |                |                       | CFW  | RXA-2124                   |            |                             | AN/SRQ-2          |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-473

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SHEET 47-474

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFOR | MANUFACTURER'S PART NUMBER | COR. TRACTOR | CONTRACTOR'S DWG, OR PART NO      | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|--------------|-----------------------------------|-------------------|
| -471932               | TRANSFORMER, RF: 7/22/46<br>matching transf; two universal wnd; unshielded; pri c/o 34 turns of #28 wire, 0.34 ohms DC resistance, secd c/o 8 turns of #28 wire, 0.1 ohms DC resistance; styramic form, powdered iron core; form has three sect w/ 3/32" wd partitions; permeability tuning.  |                     |        |                        |                |                |                       | CFW  | RIA-2418                   | CFW          | RIA-2418                          | AR/SRQ-2          |
| -471933               | TRANSFORMER, variable RF: 7/22/46<br>matching transf; shielded in aluminum can; pri c/o 8 turns of #28 wire, secd c/o 34 turns of #28 wire; styramic form, powdered iron core; form w/three sect v/ 3/32" wd partitions; permeability tuning; scdr adj; wax impr.   |                     |        |                        |                |                |                       | CFK  | 2040                       | CFK          | 2040                              | AR/SRQ-2          |
| -471934               | COIL, RF: 7/26/46<br>tuning coil; single wnd, single layer wnd; unshielded; rated 2.50 microhenrys p/m 2%, 0.04 ohms DC resistance, c/o 17 turns of #34 ins copper wire; 1 1/2" lg x 9/16" diam o/a; molded DUREZ coil form; brass slug tuned w/scdr adj; split bushing mtg 1/4" lg x 1/4"-28WF-2 thd; two pin type term; a green dot stamped on base; impr for tropical use.   |                     |        | 16-C-76560-2235        |                |                |                       | CRP  | 92-5570-1                  | CRP<br>CRP   | S-92-5570-1 1ee1<br>U97-5049 sub2 | 80-6              |
| -471935               | COIL, RF: 7/26/46<br>tuning coil; single wnd, single layer wnd; unshielded; rated 4.04 p/m 2% microhenrys, 0.75 ohms DC resistance c/o 22 turns of #36 formex ins copper wire; 1 5/32" lg w/slug in, 1 17/32" lg w/slug out x 7/16" diam excluding term; molded DUREZ coil form; brass slug tuned w/scdr adj; bushing mtg 1/4" lg x 1/4"-28WF-2 thd; two pin type term; yellow dot stamped on base; impr for tropical use, Q of 70. |                     |        | 16-C-76577-2828        |                |                |                       | CRP  | 92-5571-1                  | CRP<br>CRP   | S-92-5571-1 1ee3<br>U97-5049 sub2 | 80-6              |
|                       |   |                     |        |                        |                |                |                       |      |                            |              |                                   |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |              |                                   |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-474

**RESTRICTED**



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SHEET 47-475

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO       | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------------|-------------------|
| -471936               | COIL, RF: 7/16/46<br>tuning coil; single wnd, single layer wnd; unshielded; rated 0.525 microhenrys p/m 2%, 0.035 ohms DC resistance, c/o 8 turns of #26 formex HF ins copper wire; 1 17/32" lg x 7/16" diam excluding term and w/adj screw extended; molded DUREZ coil form brass slug tuned w/schr adj; split bushing mtg 1/4" lg x 1/4"-28NF-2 thd, w/nut and lockwasher; two pin type term; brown dot stamped on base; impr for tropical use. |                     |        | 16-C-76522-1903        |                |                |                       | CRP  | 92-5573-1                  | CRP<br>CRP | S-92-5573-1<br>U97-5049 sub2      | SO-6              |
| -471937               | COIL, RF: 7/26/46<br>tuning coil; single wnd, single layer wnd; unshielded; rated 2.74 microhenrys p/m 2%, 0.44 ohms DC resistance, c/o 16 turns #34 formex ins copper wire; 1 1/2" lg x 7/16" diam excluding term and w/ screw adj extended; molded DUREZ coil form brass slug tuned w/ schr adj; split bushing mtg 1/4" lg x 1/4"-28NF-2 thd; two pin type term; red dot stamped on base; impr for tropical use.                                |                     |        | 16-C-76565-3441        |                |                |                       | CRP  | 92-5574-1                  | CRP<br>CRP | S-92-5574-1 iss3<br>U97-5049 sub2 | SO-6              |
| -471938               | COIL, RF: 7/26/46<br>inductor; single wnd, single layer wnd; unshielded; rated 3.97 microhenrys p/m 1%, 0.4 ohms DC resistance, c/o 49 turns of #32 formex HF ins copper wire; 5/8" lg x 9/32" diam excluding leads; phenolic form; 5/8" x 0.187" diam; mts by two 1 1/2" lg axial pigtail term; red dot stamped on form; impr for tropical use.  |                     |        | 16-C-72956-2336        |                |                |                       | CRP  | 92-5575-1                  | CRP        | S-92-5575-1 iss1                  | SO-6              |
| -471939               | COIL, RF: 7/26/46<br>inductor; single wnd, single layer wnd; unshielded; rated 0.097 microhenrys p/m 3%, 0.0375 ohms DC resistance, c/o 8 turns #30 formex HF ins copper wire; 1/2" lg x 0.147" diam excluding leads; phenolic form, air core 1/2" lg x 0.125" diam; mts by two 1 1/2" lg axial pigtail term; green dot stamped on form; impr for tropical use.   |                     |        | 16-C-72691-6701        |                |                |                       | CRP  | 92-5580-1                  | CRP        | S92-5580-1 iss1                   | SO-6              |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                                   |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                                   |                   |
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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-475

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SHEET 47-476

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFOR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471940               | COIL, RF: 7/2 /46<br>RF choke; single wnd, single layer wnd; unshielded; rated 3.7 microhenrys, 0.044 ohms DC resistance, c/o 16 turns of #20 heavy formex ins copper wire; 1" diam x 1 1/4" lg o/a; phenolic form 1" diam x 1 1/4" lg; mts by two 2" lg pigtail term; impr for tropical use.               |                     |        | 16-C-72212-5506        |                |                |                       | CRP  | 92-5613-1                  | CRP        | 892-5613-1 1ss1             | 80-6              |
| -471941               | TRANSFORMER, IF: 8/5/46<br>60 mc peak freq; output IF transf; unshielded; 1/2" lg x 1/2" wd x 1 3/16" h o/a; phenolic form; one #4-40 thd brass mtg insert on bottom; four copper wire pin term; wax impr.  |                     |        | 17-T-68385-4385        |                |                |                       | CBZ  | A-12793                    | CBZ        | A-12793 1ssA                | AN/CPX-3          |
| -471942               | COIL, RF: 8/9/46<br>choke solenoidal type; single wnd, single layer wnd; unshielded; c/o 198 turns of #36 ga E wire, 12.4 ohms DC resistance; 2 3/16" lg x 1 1/2" diam o/a; ceramic core; three 0.152" diam mtg holes 120 deg apart on 9/16" rad; two solder lug term; varnish impr.                        |                     |        | 16-C-72668-4144        |                |                |                       | CW   | KS-9827                    | CW         | 80-105621 1ss2              | MK-25 Mod2        |
| -471943               | COIL, RF: 8/13/46<br>video peaking; single pie, universal wnd, RF wnd; unshielded; 69 microhenries at 1000 cps; c/o 63 turns #28 AWG DSC wire; 2 1/8" lg x 1 1/2" wd x 3/4" d, o/a; phenolic form; 2 1/8" lg x 1 1/2" wd x 3/4" h form; two 0.154" diam mtg holes 3/4" c to c; 2 solder lug term; wax impr. |                     |        | 16-C-73636-4878        |                |                |                       | CAY  | 7715926-1                  | CAY        | 7715926-1 sub 1             | MK-11 Mod1        |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-476

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SHEET 47-477

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471944               | TRANSFORMER, RF: 8/13/46<br>RF transf; two wnd, universal wnd; unshielded; coil #1 c/o 10 1/4 turns #28 bare wire, rated 0.15 microhenrys, coil #2, c/o 1 3/4 turns #28 bare wire, rated 2.3 microhenrys, 0.528 microhenrys mutual inductance; 2 5/8" lg x 1/2" diam o/a; phenolic form, metal slug core; ad; slug w/scdr ad; on end; mts by 3/8"-32 thd mtg bushing; four solder lug term. |                     |        | 17-T-82266-6221        | N16-T-6114-20  |                |                       | CRV  | 617932-508                 | CRV        | T-617932-508aubb4           | SR-2              |
| -471945               | TRANSFORMER, RF: 8/13/46<br>RF transf; two wnd; unshielded; coil #1, c/o 17 1/4 turns of #28 bare wire, rated 5.38 microhenrys, coil #2, c/o 1 3/4 turns of #28 bare wire, rated 0.15 microhenrys, 0.81 microhenrys mutual inductance; 2 5/8" lg x 1/2" diam o/a; phenolic form, metal core; slug tuned w/scdr ad; on one end; mtd by 3/8"-32 thd bushing; four solder lug term on end.     |                     |        | 17-T-82266-6223        | N16-T-6114-410 |                |                       | CRV  | 617932-509                 | CRV        | T-617932-509aubb4           | SR-2              |
| -471946               | COIL, RF: 9/9/46<br>RF choke; single wnd, single pie wnd; unshielded; rated 7.5 microhenrys, 0.050 amp, 0.72 ohms DC resistance; 5/8" lg x 3/8" diam excluding term; phenolite coil form 3/16" OD x 5/8" lg; mts by two axial pigtail term; coded w/violet, green, gold, gold dots in this order; impr for tropical use.  |                     |        | 16-C-73056-2126        | N16-C-13236    |                |                       | CFW  | 92-5451-1                  | CRP        | 892-5451-1 1ss1             | VH                |
| -471947               | COIL, RF: 9/12/46<br>RF choke; single wnd, single pie universal wnd; unshielded; rated 25 millihenrys p/m 2% at 1,000 cps, 25 ma, 160 ohms DC resistance; 15/16" lg x 1 1/16" diam o/a body dimen; ceramic coil form, air core 1/2" diam x 3/4" lg; mtd by 3/16" diam hole through ctr; two solder lug term; tropicalized.  |                     |        | 16-C-75335-5282        |                |                |                       | CFW  | 92-5317-1                  | CRP        | 892-5317-1 1ss6             | TS-250/APN        |
| -471948               | COIL, RF: 9/16/46<br><u>CANCELLED:</u> same as NT-47860.  |                     |        | 16-C-74874-9572        |                |                |                       | CTN  | CH-113-49                  | CRP        | 8-92-5061-2 1ss1            | AN/UX-T1          |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-477

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SHEET 47-478

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471949               | TRANSFORMER, IF: 9/24/46<br>9.5 mc peak freq; input IF transf; shielded, rectangular metal can; 1 15/16" lg x 1 1/2" wd x 3 5/8" h o/a excluding mtg studs and term; tuned pri and sec; two adj iron core; two 3/8" lg mtg studs on end 1 13/16" c to c; four solder lug term on bottom, two wire leads on side; incl five capacitors. |                     |        | 17-T-67995-5960        |                |                |                       | CRR | AL73530-2                  | CRR        | AL73530-2 100B              | DBF-1             |
| -471950               | TRANSFORMER, IF: 10/1/46<br>9.5 mc peak freq; interstage, 2nd IF; shielded, rectangular metal can; 1 15/16" lg x 1 1/2" wd x 3 5/8" h o/a excluding mtg studs and term; tuned pri and sec; two adj iron cores; two 3/8" lg mtg studs on end 1 13/16" c to c; four solder lug term on bottom; incl four capacitors.                     |                     |        | 17-T-67995-5965        | N16-T-5911-1   |                |                       | CRR | AL73531-2H                 | CRR        | AL73531-2 100B              | DBF-1             |
| -471951               | TRANSFORMER, IF: 9/24/46<br>9.5 mc peak freq; interstage 3rd IF; shielded, rectangular metal can; 1 15/16" lg x 1 1/2" wd x 3 5/8" h o/a excluding mtg studs and term; tuned pri and sec; two adj iron cores; two 3/8" lg mtg studs on end 1 13/16" c to c; four solder lug term on bottom; incl four capacitors, two resistors.       |                     |        | 17-T-67995-5970        |                |                |                       | CRR | L201131-1B                 | CRR        | L201131-1 100B              | DBF-1             |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-478

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SHEET 47-479

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO    | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|--------------------------------|-------------------|
| -471952               | TRANSFORMER, IF: 9/24/46<br>9.5 mc peak freq; interstage, fourth IF; shielded, rectangular metal can; 1 15/16" lg x 1 1/2" wd x 3 5/8" h o/a excluding mtg studs and term; tuned pri and secd; two adj iron cores; two 3/8" lg mtg studs on end 1 13/16" c to c; four solder lug term on bottom; incl four capacitors. |                     |        | 17-T-67995-5975        |                |                |                       | CRR  | L201132-1B                 | CRR        | L201132-1 100B                 | DBF-1             |
| -471953               | TRANSFORMER, RF: 10/1/46<br>tuning coil; two wnd, single layer wnd; unshielded; c/o 15 turns of #30 wire and 3 turns of #28 w re; 1 5/32" lg x 5/8" diam o/a; ceramic coil form; brass slug tuned w/secdr adj; mtg bushing one end 5/16" lg x 9/32"-22 thd; four pigtail leads 2" lg; impr for tropical use.           |                     |        | 17-T-82436-9278        |                |                |                       | CAZQ | 92-5381-5                  | CRP<br>CRP | W92-5381-5 sub6<br>92-5381-5   | SG-6              |
| -471954               | TRANSFORMER, RF: 10/1/46<br>tuning; two wnd, single layer wnd; unshielded; c/o 15 turns of #30 wire and 5 turns of #28 wire; 1 5/32" lg x 5/8" diam o/a; ceramic coil form; brass slug tuned w/secdr adj; mtg bushing one end 5/16" lg x 9/32"-22 thd; four pigtail leads 2" lg; impr for tropical use.                |                     |        | 17-T-82437-6200        |                |                |                       | CAZQ | 92-5381-6                  | CRP<br>CRP | W92-5381-6 sub6<br>92-5381-6   | SG-6              |
| -471955               | TRANSFORMER, RF: 10/1/46<br>tuning; two wnd, bifilar wnd; unshielded; c/o 8 turns of #27 wire, and 4 turns of #27 wire; 1 5/32" lg x 5/8" diam o/a; ceramic coil form; brass slug tuned w/secdr adj; mtg bushing one end 5/16" lg x 9/32"-22 thd; four pigtail leads 2" lg; impr for tropical use.                     |                     |        | 17-T-68247-8741        |                |                |                       | CAZQ | 92-5381-23                 | CRP<br>CRP | W92-5381-23 sub6<br>92-5381-23 | SG-6              |
| -471956               | COIL, RF: 10/1/46<br>CANCELLED: same as WT-471948.   |                     |        |                        |                |                |                       | CTW  | 92-5061-2                  | CRP        | S92-5061-2 1001                | SG-6              |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                                |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                                |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-479

**RESTRICTED**

**RESTRICTED**

SHEET 47-480

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471957               | SUPPRESSOR, parasitic: 10/8/46<br>c/o coil and resistor; 0.406" lg x 0.312" OD excluding leads; coil rated 75 microhenrys at 1000 cps, c/o 135 turns #36 E wire w/ 3.2 ohms DC resistance, wnd on resistor rated 1 megohm, 1/2w; uncased; mtd by two axial wire leads; fungicidal wax impr.   |                     |        | 16-S-89780-3121        |                |                |                       | CRBJ | HAZ CL-10245-1             | CEZ        | CL10079-1 1ssA              | AN/CPX-4          |
| -471958               | SUPPRESSOR, parasitic: 10/8/46<br>c/o coil and resistor; 0.406" lg x 0.312" OD o/a excluding leads; coil rated 75 microhenrys at 1000 cps, c/o 135 turns #36 E wire w/3.2 ohms DC resistance, wnd on resistor rated 220 ohms, 1/2w; uncased; mtd by two axial wire leads; fungicidal wax impr.  |                     |        | 16-S-89780-2677        |                |                |                       | CRBJ | HAZ CL-10245-2             | CEZ        | CL-10079-2 1ssA             | AN/CPX-4          |
| -471959               | COIL, RF: 10/8/46<br>pulse spacing; single wnd; shielded; rated 6 microhenries at 12.5 ma, 63 ohms DC resistance, c/o 85 turns of #39 AWG wire; 2 9/16" lg x 13/16" h x 13/16" wd o/a; adj iron core w/secr adj through top of cntr; mts by two #4-40 tapped holes diagonally located 0.594" c to c; four solder lug term; red dot color code on shield; removable hex protective tuning screw cover, must not contain fungi nutrients. |                     |        | 16-C-76599-3071        |                |                |                       | CPW  | 13737                      | CEZ        | CL10069-1 1ss B             | AN/CPX-4          |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-480

**RESTRICTED**

**RESTRICTED**

SHEET 47-481

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471960               | COIL, RF: 10/8/46<br>pulse spacing; single wnd; shielded; rated 16 microhenrys at 12.5 ma, 119 ohms DC resistance; 2 9/16" lg x 13/16" h x 13/16" wd o/a; adj iron core w/scrdr adj through top of cntr; mtd by two #4-40 tapped holes diagonally located 0.594" c to c; four solder lug term; red dot color code on shield; removable hex protective tuning screw cover. |                     |        | 16-C-76625-2036        |                |                |                       | CFW  | 13737                      | CHZ        | CL10069-2 1ssB              | AN/CPX-4          |
| -471961               | TRANSFORMER, IF: 10/9/46<br>66 mc peak freq; output IF transf; unshielded; 13/16" h x 1/2" lg x 1/2" wd o/a; air core; #4-40 thd mtg insert is scd form; four copper pin term; pri wnd on tube which surrounds scd wnd.   |                     |        | 17-T-68400-1058        |                |                |                       | CHZ  | A-12216                    | CHZ        | A-12216 1ssC                | AN/CPX-4          |
| -471962               | SUPPRESSOR, parasitic: 10/10/46<br>c/o coil and resistor; 0.406" lg x 0.312" diam excluding leads; coil rated 50 microhenrys at 1000 cps, c/o 110 turns #36 ES wire w/ 2.6 ohms DC resistance, wnd on resistor rated 1 megohm, 1/2w; uncased; mtd by two axial wire leads; fungicidal wax impr, resistor color coded.   |                     |        | 16-S-89778-5237        |                |                |                       | CHZ  | HAZ CL-10028-1             | CHZ        | CL-10028-1 1ssC             | AN/CPX-4          |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-481

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SHEET 47-482

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO    | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|--------------------------------|-------------------|
| -471963               | COIL, RF: 10/12/46<br>tuning coil; single wnd, single layer wnd; unshielded; c/o 12 turns of #28 wire; 1 5/32" lg x 5/8" diam o/s; ceramic coil form; brass slug tuned w/sedr adj on bottom of form; mtd by one 5/16" lg x 9/32"-22 thd bushing on one end; two pigtail leads 2" lg; impr for tropical use.                               |                     |        | 16-C-76323-9281        |                |                |                       | CAZQ       | 92-5381-14                 | CRP<br>CRP | W92-5381-14 sub6<br>92-5381-14 | SG-E              |
| -471964               | COIL, RF: 10/17/46<br>choke; one wnd, single pie universal wnd; unshielded; rated 50 microhenrys p/m 5%, 25 ma, approx 5 ohms DC resistance; 7/16" lg x 3/8" diam excluding leads; phenolite coil form; mtd by two axial pigtail term of #28AWG wire 1 1/4" lg; color coded w/green, black, black, gold dots in that order; tropicalized. |                     |        | 16-C-73539-7699        |                |                |                       | CFW        | 92-5585-1                  | CRP        | S92-5585-1 1a&l                | AN/UFA-5          |
| -471965               | TRANSFORMER, RF: 10/18/46<br>osc transf; one wnd, universal wnd; unshielded; rated 9.9 millihenrys at 1,000 cps, 25.5 ohms DC resistance, c/o 790 turns of #32ES wire, CT; 1.286" diam x 2.653" lg o/s; adj iron core w/sedr adj on bottom; mtd by two screws 1.25" c to c; three solder lug term on top of case; potted.                 |                     |        | 16-C-76771-9494        | N16-T-7002-28  |                |                       | CFW        | K-54J-97-1                 | CG         | K-54J-97-1 rev15               | VK<br>VG-2        |
| -471966               | TRANSFORMER, RF: 10/18/46<br>osc transf; one wnd, universal wnd; unshielded; rated 24 millihenrys at 1,000 cps, 65 ohms DC resistance, 1,250 turns of #34ES wire, CT; 1.286" diam x 2.653" lg o/s; adj iron core w/sedr adj on bottom; mtd by two screws 1.25" c to c; three solder lug term on top of case; potted.                      |                     |        | 16-C-76786-6624        | N16-T-7002-60  |                |                       | CFW        | K54J97-2                   | CG         | K-54J97-2 rev15                | VK                |
| -471967               | TRANSFORMER, RF: 10/18/46<br>osc transf; one wnd, universal wnd; unshielded; rated 47.0 millihenrys at 1,000 cps, 197 ohms DC resistance, c/o 1,700 turns of #38ES wire, CT; 1.286" diam x 2.653" lg o/s; adj iron core w/sedr adj on bottom; mtd by two screws 1.25" c to c; three solder lug term on top; potted.                       |                     |        | 16-C-76801-4713        | N16-C-14375-10 |                |                       | CFW<br>CFW | K54J97-3<br>K54J97-4       | CG         | K-54J-97-3 and 4<br>rev15      | VK                |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                                |                   |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                                |                   |
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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471968               | TRANSFORMER, RF: 10/18/46<br>osc coil; single wnd, universal wnd, CT; unshielded; rated 105 millihenrys at 1,000 cyc, 235 ohms DC resistance, c/o 3,080 turns of #36ES wire; 1 5/8" diam x 3" lg, o/a; adj iron core w/sldr adj on bottom; mtd by 2 screws 1.25" c to c; 4 solder lug term on bottom. |                     |        | 16-C-76826-3075        |                |                |                       | CFW | K54J86-14                  | CG         | K-54J86-14 rev6             | VK<br>VG-2        |
| -471969               | COIL, RF: 10/18/46<br>osc; 1 wnd, universal wnd, CT; unshielded; rated 189 millihenrys at 1000 cps, 520 ohms DC resistance; 1 5/8" diam x 3" lg, o/a; adj iron core w/sldr adj on bottom; mtd by 2 studs 1.25" c to c; 4 solder lug term on bottom.   |                     |        | 16-C-76844-3857        |                |                |                       | CFW | K54J86-15                  | CG         | K-54J86-15 rev 6            | VK                |
| -471970               | COIL, RF: 10/18/46<br>osc; single wnd, universal wnd; unshielded; rated 465 millihenrys at 1,000 cps, 690 ohms DC resistance; 1.286" diam x 2.990" lg o/a; adj iron core w/sldr adj at bottom; mtd by two 0.156" diam holes 1.25" c to c; four solder lug term on bottom.                             |                     |        | 16-C-76855-3766        | N16-T-18520-21 |                |                       | CFW | K54J86-16                  | CG         | K-54J86-16 rev6             | VK<br>VG-2        |
| -471971               | COIL, RF: 10/18/46<br>RF choke; single wnd, universal wnd; unshielded; rated 19 p/m 5/8 microhenrys at 1,000 cps, 50 ma, 1.58 ohms DC resistance; 1/2" diam x 1/2" lg o/a body dimen; air core; mts by two axial wire leads 1 1/2" lg.  |                     |        | 16-C-73279-4440        |                |                |                       | CG  | K-7116501-1                | CG         | K-7116501-1 rev0            | VK                |
| -471972               | COIL, RF: 10/18/46<br>RF choke; single wnd, universal wnd; unshielded; rated 28 microhenrys p/m 5/8 at 1 kc, 60 ma, 3.6 ohms DC resistance, approx 85 turns of #36ES wire; 3/8" diam x 3/8" lg o/a body dimen; air core; mts by two axial wire leads 1 1/2" lg.                                       |                     |        | 16-C-73392-2446        |                |                |                       | CG  | K-7116503-1                | CG         | K-7116503-1 rev1            | VK                |
| -471973               | COIL, RF: 10/18/46<br>choke; single wnd, layer close wnd; unshielded; rated 5.3 microhenrys p/m 5/8 at 1 kc, 40 ma, 1.04 ohms DC resistance; 0.156" diam x 1/2" lg o/a body dime; mts by two axial wire leads 1 1/2" lg.  |                     |        | 16-C-72995-2818        |                |                |                       | CG  | K-7116502-1                | CG         | K-7116502-1 rev0            | VK                |
| -471974               | COIL, RF: 10/22/46<br>CANCELLED: same as NT-47968.  |                     |        | 16-C-72987-3372        | N16-C-13153-26 |                | 321894-22             | CG  |                            | CG         | K273341-1 rev4              | CG-50AEM          |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER  | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|-----------------|----------------|-----------------------|------------|-----------------------------|------------|-----------------------------|-------------------|
| -471975               | COIL ASSEMBLY, RF: 10/28/46<br>tuning coils; c/o two RF coils, NT-471925 and NT-471930; coils rated 25 millihenrys at 1 kc, and 2.1 millihenrys at 400 ma; 4" lg x 2.446" h x 1.997" wd o/a; mtd by three CANQ #1724E lugs.  |                     |        | 17-0-77579-6801        |                 |                |                       |            |                             | CFK        | T001                        | AN/SRQ-2          |
| -4719 6               | TRANSFORMER, IF: 10/28/46<br>80 kc peak freq; ph shifter; shielded in sq metal can; 2" lg x 2" wd x 3 3/4" h o/a excluding mtg studs; phenolic core; tuned pri and sec; two mica trimmers for tuning; 2 spade mtg lugs #6-32 thd x 3/8" lg, 1 25/32" c to c; 5 solder lug term on bottom of can; c/o 3 coils rated 1336/756.1/1336 microhenries, having 265/198/265 turns all of #30 DCE wire of 7.3/5.1/7.3 ohms DC resistance, wax impr. |                     |        | 17-T-67451-4831        |                 |                |                       | CEM<br>CEM | 1000Z-92<br>1000A-362 alt 1 | CEM        | 1000Z-92 alt 3              | X-SU-2            |
| -471977               | COIL, RF: 10/30/46<br>RF choke; single wnd, duolateral wnd; unshielded; rated 22 millihenrys at 1.8 kc, 120 ohms DC resistance, 100 ma; 1 9/32" lg x 1 7/16" diam o/a; steatite form, air core 1 9/32" lg x 1 1/16" diam; through mtg 5/32" diam hole; two solder lug term on top; moisture proof and fungus proof.  |                     |        | 16-0-75313-4720        |                 |                |                       | CW         | D-172824                    | CW         | E80-649538 1ss19            | MK-25 Mod2        |
| -471978               | COIL, RF: 10/30/46<br>RF choke; single wnd, duolateral wnd; unshielded; rated 8 millihenrys at 1.8 kc, 44 ohms DC resistance, 150 ma; 1 9/32" lg x 1 7/16" diam o/a; steatite form, air core 1 9/32" lg x 1 1/16" diam o/a; through mtg 5/32" diam hole; two solder lug term on top; moisture proof and fungusproof.   |                     |        | 16-0-75014-3946        |                 |                |                       | CW         | D-172825                    | CW         | E80-649538 1ss19            | MK-25 Mod2        |
| -471979               | COIL, RF: 10/30/46<br>RF choke; single wnd, duolateral wnd; unshielded; rated 200 microhenrys at 1,000 cps, 1.3 ohms DC resistance, approx 180 ma; 1 1/8" diam x 1 1/16" lg o/a; phenolic form, air core; 1 1/16" lg x 1 1/16" diam; 0.164"-32 thd hole for through mtg; two solder lug term on top; fungusproof and moistureproof.  |                     |        | 16-0-73965-6207        | M16-C-13157-130 |                |                       | CWG        | 400-5                       | CW         | BA-10230-4 1ss5             | MK-25 Mod2        |
| -471979-A             | COIL, RF: 3/5/47<br>RF choke; single wnd, duolateral wnd; unshielded; rated approx 180 ma, 200 microhenrys at 1000 cps, 1.3 ohms DC resistance at 70°F; 1 1/8" diam x 1 1/16" lg o/a; phenolic form, air core; 1 1/16" diam x 1 1/16" lg form; 0.164"-32 thd hole for through mtg; four solder lug term on top; fungus proof, moisture proof; same as NT-471979 except has two extra term.   |                     |        | 16-0-73965-6214        |                 |                |                       | CWG        | 400-5                       | CW         | BA-10230-5 1ss 6            | MK-25 Mod2        |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR        | CONTRACTOR'S DWG OR PART NO             | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|-------------------|---|-------------------|
| -471980               | COIL, RF: 11/1/46<br>tuning; single wnd, two pie universal wnd; unshielded; rated 25.2 millihenrys, 32.8 kc resonant freq; approx 2 3/4" lg x 1 1/4" diam o/a; bakelite form; adj iron core w/scrdr type adj; two insert type mtg holes for #6-32 screws on 7/8" mtg/c; two solder lug term; incl 1,000 mmf p/m 2% capacitor.  |                     |        | 16-C-75351-4732        | 116-T-7016-10  |                |                       | CFW | 13000                      | CFW<br>CRP<br>CRP | 13000 rev8<br>892-5101<br>U96-5048 sub7 | 80-11             |
| -471981               | TRANSFORMER, RF: 11/12/46<br>repeating coil; three wnd, two secd wnd parallel wnd; shielded, electrostatic between pri and secd and encl in metal case; pri 4.4 ohms DC resistance, secd, connected in series aiding, 0.36 ohms DC resistance, operating freq of 36 to 84 kc; 8" lg x 8" wd x 5" h o/a; toroidal type permalloy core; four mtg bkt provided for pole mtg 2 1/4" x 2 1/4" mtg/c; three ins term project 2 5/8" two on one side and one on the other; for u/v beverage type ant and incl NT-491567 End Seal which accom Army-Navy Coaxial Cable RG-85/U.                           | RW47F201A           |        |                        |                |                |                       |     |                            | CW                | 146E Modified                           | N5er-13616        |
| -471982               | TRANSFORMER, RF: 11/12/46<br>coupling transf; three wnd, two secd wnd parallel, wnd; shielded, electrostatic shield between pri and secd, encl in metal case; pri 0.5 ohms DC resistance, secd wnd connected as series aiding 0.5 ohms DC resistance, operating freq of 35 to 150 kc; 8" lg x 8" wd x 5" h o/a; toroidal type permalloy core; four mtg studs provided for pole mtg 2 1/4" x 2 1/4" mtg/c; three ins term project 2 5/8", two on one side and one on other side; for u/v a beverage type ant and incl a NT-491567 End Seal which accommodates an Army-Navy Coaxial Cable RG-85/U. | RW47F201A           |        |                        |                |                |                       |     |                            | CW                | 146D Modified                           | N5er-13616        |
| -471983               | COIL, RF: 11/12/46<br>choke; 1 wnd, four pie universal wnd; unshielded; 43 microhenrys at 2.45 mc, ea sect 32 turns of #36 E wire, 4.7 ohms DC resistance, total turns 128; 2 1/8" lg x 3/8" diam o/a; isolantite form; 2 1/8" lg x 3/8" OD form; mts by term; 2 radial wire term; impr.   |                     |        | 16-C-73505-5605        |                |                |                       | CTV | 20-10127-1                 | CTV               | A20-10127-1<br>ies 3                    | TCK-4             |
|                       |  |                     |        |                        |                |                |                       |     |                            |                   |   |                   |
|                       |  |                     |        |                        |                |                |                       |     |                            |                   |   |                   |
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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR  | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN    |       |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|-------------|-----------------------------|----------------------|-------|
| -471984               | COIL, RF: 11/12/46<br>choke; 1 wnd, 4 pie universal wnd; unshielded; 30 microhenries at 2.9 mc, ea sect 27 turns of #36 E wire, 3.95 ohms DC resistance, total turns 108;<br>2 1/8" lg x 3/8" diam; isolantite form; 2 1/8" lg x 3/8" OD form; mts by term; 2 radial wire term; impr.   |                     |        | 16-C-73427-2117        |                |                |                       |      | CYV                        | 20-10127-2  | CYV                         | A20-10127-2<br>iss 3 | TCK-4 |
| -471985               | COIL, RF: 11/12/46<br>choke; 1 wnd, 3 pie universal wnd; unshielded; 18 microhenries at 3.75 mc, ea sect 24 turns of #36 E wire, 2.65 ohms DC resistance, 72 total turns; 2 1/8" lg x 3/8" diam o/a; isolantite form; 2 1/8" lg x 3/8" OD form; mts by term; 2 radial wire term; impr.  |                     |        | 16-C-73275-3810        |                |                |                       |      | CYV                        | 20-10128    | CYV                         | A20-10128 iss 3      | TCK-4 |
| -471986               | COIL, RF: 11/15/46<br>RF choke; single wnd, universal wnd; unshielded; rated 0.725 to 1.2 millihenrys at 1,000 cps, 12.5 ohms DC resistance 2 1/32" lg x 1 15/32" diam o/a;<br>coil form 1 1/2" lg x 5/8" diam; adj iron core w/sear adj at bottom; two #4-40 tapped mtg holes 3/4" c to c; four solder lug term spaced 90 deg apart around base, two are dummy term. |                     |        | 16-C-76704-7511        |                |                |                       |      | CG                         | M-7478968-1 | CG                          | M-7478968-1 rev1     | TEH   |
| -471987               | COIL, RF: 11/15/46<br>RF choke; two wnd, universal wnd; unshielded; rated 340 to 370 microhenrys at 1,000 cps; 2 3/16" lg x 1 1/2" diam o/a; isolantite form, air core; coil form 2 1/32" lg x 3/8" diam; a #6-32 thd x 9/16" d mtg hole in one end of form; six solder lug term on one end, two are dummy term.  |                     |        |                        |                |                |                       |      | CG                         | K-7117921-1 | CG                          | K-7117921-1 rev0     | TEH   |
| -471988               | COIL, RF: 11/15/46<br>RF choke; three wnd, universal wnd; unshielded; three sect rated 170 to 185/340 to 370/170 to 185 microhenrys at 1,000 cps, sect have 3/4.5/3 ohms DC resistance; 2 11/16" lg x 1 1/2" diam o/a excluding term; steatite form, air core; one #6-32 tapped mtg hole in one end of form; six solder lug term equally spaced on mtg end.           |                     |        | 16-C-76025-6637        |                |                |                       |      | CG                         | M-7478969-1 | CG                          | M-7478969-1 rev1     | TEH   |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471989               | COIL, RF: 11/15/46<br>RF choke; single wnd, single layer close wnd; unshielded; rated 35 to 40 microhenrys at 1,000 cps, 0.45 ohms DC resistance; 2 3/8" lg x 1 1/2" diam o/a; steatite form, air core; two #4-40 tapped mtg holes at one end; two pin type term 3/32" diam x 7/32" lg.  |                     |        | 16-C-73445-8119        |                |                |                       | CG  | M-7478973-1                | CG         | M-7478973-1 rev1            | TEH               |
| -471990               | COIL, RF: 11/15/46<br>RF choke; single wnd, universal wnd; unshielded; rated 12 to 14 millihenrys at 1000 cps w/o core, 76 ohms DC resistance; 1130 turns #39 EC wire; 3 3/16" lg x 1 15/32" diam, o/a; iron core, phenolic resin wood flour filled form; scdr adj 1 end; two #4-40 tapped mtg holes 3/4" c to c; 4 solder lug term on top, 2 used; dwg number stamped on top. |                     |        | 16-C-76778-6543        |                |                |                       | CG  | M-7478965-1                | CG         | M-7478965-1 rev1            | TEH               |
| -471991               | COIL, RF: 11/15/46<br>RF choke; single wnd, universal wnd; unshielded; rated 900 microhenrys at 1,000 cps, 17 ohms DC resistance; 3 3/16" lg x 1 15/32" diam o/a; phenolic resin wood filled form; iron core w/scdr adj at bottom; two #4-40 tapped mtg holes 3/4" c to c; four solder lug term, two are dummy term.   |                     |        | 16-C-76713-8179        |                |                |                       | CG  | M-7478131-1                | CG         | M-7478131-1 rev2            | TEH               |
| -471992               | COIL, RF: 11/15/46<br>RF choke; single wnd, universal wnd; unshielded; rated 140 microhenrys, 5 ohms DC resistance; 3 3/16" lg x 1 15/32" diam; iron core, phenolic resin wood filled form; two #4-40 tapped mtg holes 3/4" c to c; four solder lug term.  |                     |        | 16-C-76666-3085        |                |                |                       | CG  | M-7478131-9                | CG         | M-7478131-9 rev2            | TEH               |
| -471993               | COIL, RF: 11/18/46<br>choke; single wnd, three pie duolateral wnd; unshielded; rated 50 millihenrys, 360 ohms DC resistance, o/o 2,260 turns of #38E wire in pies of 720, 720, and 820 turns; 1 1/2" diam x 2 3/16" h o/a excluding term; steatite form, air core; three 0.152" diam mtg holes spaced 120 deg apart on 1 1/8" diam bolt circle; two solder lug term.           |                     |        | 16-C-75470-1453        |                |                |                       | CW  | D-175947                   | CW         | ES0-642242 1es4             | MK-25 Mod2        |
| -471994               | COIL, RF: 11/22/46<br><u>CANCELLED:</u> same as NT-471805.   |                     |        | 16-C-74144-4718        |                |                |                       | CG  | 7106142                    | CG         | K-7106142 rev0              | MK-35             |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -471995               | SUPPRESSOR, parasitic: 11/25/46<br>resistor and coil; 0.655" lg x 0.249" diam max o/a<br>excluding leads; coil rated 2.6 microhenrys p/m 2%,<br>wnd on JAN type RC21BF821J fixed comp resistor; un-<br>cased; mts by two axial wire lead term; resonant freq<br>over 50 mc, impr and coated w/chlorinated phenol<br>type fungicide.               |                     |        | 16-8-89724-7815        |                |                |                       | CFW  |                            | CG         | M-7475321-1 rev2            |                   |
| -471996               | SUPPRESSOR, parasitic: 11/25/46<br>coil and resistor; 0.655" lg x 0.249" diam max o/a<br>excluding leads; coil rated 5.2 microhenrys p/m 2%,<br>wnd on JAN type RC21BF751J fixed comp resistor; un-<br>cased; mts by two axial wire lead term; resonant freq<br>over 50 mc, impr and coated w/chlorinated phenol type<br>fungicide.               |                     |        | 16-8-89736-4647        |                |                |                       | CFW  |                            | CG         | M-7475321-2 rev2            | MK-35             |
| -471997               | SUPPRESSOR, parasitic: 11/25/46<br>coil and resistor; 0.655" lg x 0.249" diam max o/a<br>excluding leads; cur rating 80 ma; coil rated 6<br>microhenrys p/m 2%, wnd on JAN type RC21BF102J fixed<br>comp resistor; uncased; mts by two axial wire lead<br>term; resonant freq over 50 mc, impr and coated<br>w/chlorinated phenol type fungicide. |                     |        | 16-8-89740-6095        |                |                |                       | CFW  |                            | CG         | M-7475321-3 rev2            | MK-35             |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O OCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|--------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -471998               | SUPPRESSOR, parasitic: 11/25/46<br>coil and resistor; 0.655" lg x 0.249" diam max o/a<br>excluding leads; coil rated 6.8 microhenrys p/m 2%,<br>wnd on JAN type RC21RF122J fixed comp resistor;<br>uncased; mts by two axial wire lead term; resonant<br>freq over 50 mc; impr and coated w/chlorinated phenol<br>type fungicide.                    |                     |        | 16-S-8974-6621         |              |                |                       | CFW |                            | CG         | M-7475321-4 rev2            | MK-35             |
| -471999               | SUPPRESSOR, parasitic: 11/25/46<br>resistor and coil; 0.655" lg x 0.249" diam max o/a<br>excluding leads; coil rated 7.2 microhenrys p/m 2%,<br>wnd on JAN type RC21RF132J fixed comp resistor;<br>uncased; mts by two axial wire lead term; resonant<br>freq over 50 mc; impr and coated w/chlorinated phenol<br>type fungicide.                    |                     |        | 16-S-89742-9328        |              |                |                       | CFW |                            | CG         | M-7475321-5 rev2            | MK-35             |
| -472000               | SUPPRESSOR, parasitic: 11/25/46<br>resistor and coil; 0.655" lg x 0.249" diam max o/a<br>excluding leads; cur rating 100 ma; coil rated 8.8<br>microhenrys p/m 2%, wnd on JAN type RC21RF132J fixed<br>comp resistor; uncased; mts by two axial wire lead<br>term; resonant freq over 50 mc; impr and coated<br>w/chlorinated phenol type fungicide. |                     |        | 16-S-89744-2128        |              |                |                       | CFW |                            | CG         | M-7475321-6 rev2            | MK-35             |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472001               | SUPPRESSOR, parasitic: 11/25/46<br>resistor and coil; 0.655" lg x 0.249" diam max o/a excluding leads; coil rated 10.5 microhenrys p/m 2%, wnd on JAN type RC21RF162J fixed comp resistor; uncased; mts by two axial wire lead term; resonant freq over 50 mc; impr and coated w/chlorinated phenol type fungicide. |                     |        | 16-S-89747-3415        |                |                |                       | CFW  |                            | CG         | M-7475321-7 rev2            | MK-35             |
| -472002               | SUPPRESSOR, parasitic: 11/25/46<br>resistor and coil; 0.655" lg x 0.249" diam max o/a excluding leads; coil rated 12.5 microhenrys p/m 2%, wnd on JAN type RC21RF182J fixed comp resistor; uncased; mts by two axial wire lead term; resonant freq over 50 mc; impr and coated w/chlorinated phenol type fungicide. |                     |        | 16-S-89750-2793        |                |                |                       | CFW  |                            | CG         | M-7475321-8 rev2            | MK-35             |
| -472003               | COIL, RF: 12/11/46<br>RF choke; single pie wnd, lattice wnd; unshielded; rated 100 microhenrys, c/o 110 turns of #36SSE wire; 0.23" diam x 0.625" lg o/a excluding leads; comp form 7/32" diam x 5/8" lg; mts by two axial wire lead term.  |                     |        | 16-C-73735-5526        |                |                |                       | CACI |                            | CLP        | L-1029-5A-1 rev1            | SX                |
| -472004               | COIL, RF: 12/11/46<br>RF choke; single pie wnd, lattice wnd; unshielded; rated 10 microhenrys c/o 38 turns of #36SSE wire; 0.23" diam x 0.625" lg o/a excluding leads; comp form 7/32" diam x 5/8" lg; mts by two axial wire lead term.   |                     |        | 16-C-73092-8352        |                |                |                       | CACI |                            | CLP        | L-1029-5A-2 rev1            | SX                |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472005               | COIL, RF: 12/11/46<br>RF choke; single pie wnd, lattice wnd; unshielded;<br>rated 20 microhenrys, c/o 55 turns of #368SE wire;<br>0.23" diam x 0.625" lg o/a excluding leads; comp form<br>7/32" diam x 5/8" lg; mts by two axial wire lead term   |                     |        | 16-C-73288-4677        |                |                |                       | CACT |                            | CLP        | L-1029-5A-3 rev1            | SK                |
| -472006               | COIL, RF: 12/11/46<br>RF choke; single pie wnd, lattice wnd; unshielded;<br>rated 30 microhenrys, c/o 63 turns of #368SE wire;<br>0.23" diam x 0.625" lg o/a excluding leads; comp form<br>7/32" diam x 5/8" lg; mts by two axial wire lead term   |                     |        | 16-C-73407-6514        |                |                |                       | CACT |                            | CLP        | L-1029-5A-4 rev1            | SK                |
| -472007               | COIL, RF: 12/11/46<br>RF choke; single pie wnd, lattice wnd; unshielded;<br>rated 50 microhenrys, c/o 78 turns of #368SE wire;<br>0.23" diam x 0.625" lg o/a excluding leads; comp form<br>7/32" diam x 5/8" lg; mts by two axial wire lead term   |                     |        | 16-C-73542-4018        |                |                |                       | CACT |                            | CLP        | L-1029-5A-5 rev1            | SK                |
| -472008               | COIL, RF: 12/11/46<br>RF choke; single wnd, single layer wnd; unshielded;<br>rated 0.63 microhenrys, c/o 24 turns of #28E wire;<br>7/16" lg x 0.152" diam o/a excluding leads; CPQ type<br>CF-1 comp form 1/8" diam x 7/16" lg; mts by two axial<br>wire lead term; inductance and turns adj to resonate<br>at 30 mc w/45 mmf ext capacitor.     |                     |        | 16-C-12754-6234        |                |                |                       | CACT |                            | CLP        | L-1029-2-1 rev3             | SK                |
| -472009               | COIL, RF: 12/11/46<br>RF choke; single wnd, single layer wnd; unshielded;<br>rated 2.72 microhenrys, c/o 38 turns of #30E wire;<br>0.625" lg x 0.209" diam o/a excluding leads; CPQ type<br>CF-2 comp form 3/16" diam x 5/8" lg; mts by two axial<br>wire lead term; inductance and turns adj to resonate<br>at 30 mc w/10.25 mmf ext capacitor. |                     |        | 16-C-72898-2811        |                |                |                       | CACT |                            | CLP        | L-1029-2-2 rev3             | SK                |
| -472010               | COIL, RF: 12/11/46<br>RF choke; single wnd, single layer wnd; unshielded;<br>rated 9.15 microhenrys c/o 67 turns of #34E wire;<br>0.625" lg x 0.201" diam o/a excluding leads; CPQ type<br>CF-2 comp form 3/16" diam x 5/8" lg; mts by two axial<br>wire lead term; inductance and turns adj to resonate<br>at 30 mc w/3.10 mmf ext capacitor.   |                     |        | 16-C-73079-1021        |                |                |                       | CACT |                            | CLP        | L-1029-2-3 rev3             | SK                |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
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NAVSHIPS 900,109(A)  
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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472011               | COIL, RF: 12/11/46<br>choke; single wnd, single layer wnd; unshielded; rated 6.5 microhenrys, c/o 55 turns of #34E wire; 0.625" lg x 0.205" diam o/a excluding leads; CPQ type CF-2 comp form 3/16" diam x 5/8" lg; mts by two axial wire lead term; inductance and turns adj to resonate at 30 mc w/4.35 mmf ext capacitor.          |                     |        | 16-C-73039-8883        |                |                |                       | CACY |                            | CLP        | L-1029-2-4 rev3             | SX                |
| -472012               | COIL, RF: 12/11/46<br>RF choke; single wnd, single layer wnd; unshielded; rated 4.72 microhenrys, c/o 52 turns of #32E wire; 0.625" lg x 0.2035" diam o/a excluding leads; CPQ type CF-2 comp form 3/16" diam x 5/8" lg; mts by two axial wire lead term; inductance and turns adj to resonate at 30 mc w/6 mmf ext capacitor.        |                     |        | 16-C-72984-8982        |                |                |                       | CACY |                            | CLP        | L-1029-2-5 rev3             | SX                |
| -472013               | COIL, RF: 12/11/46<br>RF choke; single wnd, single layer wnd; unshielded; rated 4.36 microhenrys c/o 49 turns of #30E wire; 0.625" lg x 0.209" diam o/a excluding leads; CPQ type CF-2 comp form 3/16" diam x 5/8" lg; mts by two axial wire lead term; inductance and turns adj to resonate at 30 mc w/6.5 mmf ext capacitor.        |                     |        | 16-C-72971-3894        |                |                |                       | CACY |                            | CLP        | L-1029-2-6 rev3             | SX                |
| -472014               | COIL, RF: 12/11/46<br>RF choke; single wnd, single layer wnd; unshielded; rated 1.35 microhenrys, c/o 35 turns of #32E wire; 0.437" lg x 0.142" diam o/a excluding leads; wnd on CPQ type CF-1 comp form 1/8" diam x 7/16" lg; mts by two axial wire lead term; inductance and turns adj to resonate at 30 mc w/21 mmf ext capacitor. |                     |        | 16-C-72808-8732        |                |                |                       | CACY |                            | CLP        | L-1029-2-7 rev3             | SX                |
| -472015               | COIL, RF: 12/11/46<br>RF choke; single wnd, single layer wnd; unshielded; rated 1.23 microhenrys, c/o 33 turns of #32E wire; 7/16" lg x 0.142" diam o/a excluding leads; CPQ type CF-1 comp form 1/8" diam x 7/16" lg; mts by two axial wire lead term; inductance and turns adj to resonate at 30 mc w/23 mmf ext capacitor.         |                     |        | 16-C-72795-1380        |                |                |                       | CACY |                            | CLP        | L-1029-2-8 rev3             | SX                |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472016               | COIL, RF: 12/11/46<br>RF choke; single wnd, single layer wnd; unshielded; rated 0.253 microhenrys, c/o 12 turns of #28E wire; 0.437" lg x 0.152" diam o/a excluding leads; CPQ type<br>CF-1 comp form 1/8" diam x 7/16" lg; mts by two axial wire lead term; inductance and turns adj to resonate at 30 mc w/112 mmf ext capacitor.      |                     |        | 16-C-72709-9779        |                |                |                       | CACY |                            | CLP        | L-1029-2-13 rev3            | SX                |
| -472017               | COIL, RF: 12/11/46<br>RF choke; single wnd, single layer wnd; unshielded; rated 0.506 microhenrys, c/o 20 turns of #28E wire; 0.437" lg x 0.152" diam o/a excluding leads; CPQ type<br>CF-1 comp form 1/8" diam x 7/16" lg; mts by two axial wire lead term; inductance and turns adj to resonate at 30 mc w/56 mmf ext capacitor.       |                     |        | 16-C-72747-2089        |                |                |                       | CACY |                            | CLP        | L-1029-2-14 rev3            | SX                |
| -472018               | COIL, RF: 12/11/46<br>RF choke; single wnd, single layer wnd; unshielded; rated 1.45 microhenrys, c/o 26 turns of #32E wire; 0.437" lg x 0.142" diam o/a excluding leads; CPQ type<br>CF-1 comp form 1/8" diam x 7/16" lg; mts by two axial wire lead term; inductance and turns adj to resonate at 30 mc w/19.5 mmf ext capacitor.      |                     |        | 16-C-72817-1009        |                |                |                       | CACY |                            | CLP        | L-1029-2-15 rev3            | SX                |
| -472019               | SUPPRESSOR, parasitic: 12/11/46<br>resistor and coil; 0.406" lg x 0.2149" diam o/a excluding leads; coil rated 0.65 microhenrys, c/o 24 turns #29 E wire wnd on CE2 type EB 3000 ohm p/m 5%, 1/2w fixed comp resistor; uncase; mts by two axial wire lead term; inductance and turns adj to resonate at 30 mc w/ 42.5 mmf ext capacitor. |                     |        | 16-S-89894-9623        |                |                |                       | CACY |                            | CLP        | L-1029-2-16 rev3            | SX                |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472020               | COIL, RF: 12/11/46<br>RF choke; single wnd, single layer wnd; unshielded; rated 1.01 microhenrys, c/o 32 turns of #30E wire; 0.437" lg x 0.147" diam o/a excluding leads; CPQ type CF-1 comp form 1/8" diam x 7/16" lg; mts by two axial wire lead term; inductance and turns adj to resonate at 30 mc w/28.1 mmf ext capacitor. |                     |        | 16-C-73784-5340        | NI6-C-13385    |                |                       |     | CACI                       | CLP        | L-1029-2-37 rev3            | SK                |
| -472021               | SUPPRESSOR, parasitic: 12/11/46<br>resistor and coil; 0.406" lg x 0.139" diam o/a excluding leads; coil self resonant at 30 mc, c/o 57 turns #34 SSE wire wnd on CEZ type EB 220 ohm p/m 5%, 1/2w fixed comp resistor; uncased; mts by two axial wire lead term.   |                     |        | 16-S-89747-6464        |                |                |                       |     | CACY                       | CLP        | L-1029-3B-12 rev1           | SK                |
| -472022               | SUPPRESSOR, parasitic: 12/11/46<br>resistor and coil; 0.406" lg x 0.139" diam o/a excluding leads; coil self resonant at 30 mc, c/o 57 turns #34 SSE wire wnd on CEZ type EB 1200 ohm p/m 5%, 1/2w fixed comp resistor; uncased; mts by two axial wire lead term.  |                     |        | 16-S-89751-1777        |                |                |                       |     | CACY                       | CLP        | L-1029-3B-17 rev1           | SK                |
| -472023               | COIL, RF: 12/11/46<br>resistor and coil; 0.406" lg x 0.139" diam o/a excluding leads; 11.2 microhenries, coil self resonant at 30 mc, c/o 57 turns #34 SSE wire wnd on CEZ type EB 3000 ohm p/m 5%, 1/2w fixed comp resistor; uncased; mts by term; 2 axial wire lead term 1 1/2" lg.  |                     |        | 16-S-89747-6617        |                |                |                       |     | CACY                       | CLP        | L-1029-3B-21 rev 1          | SK                |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472027               | COIL, RF: 12/11/46<br>RF choke; single wnd, two layer wnd; unshielded; self resonant at 30 mc c/o 41 turns of #28E wire, rated 3.55 microhenrys; 0.625" lg x 0.215" diam o/a excluding leads; CPQ type CF-2 comp form 3/16" diam x 5/8" lg; mts by two axial wire lead term.   |                     |        | 16-C-72940-5608        |                |                |                       | CAGY |                            | CLP        | I-1029-4 rev 1              | SX                |
| -472028               | COIL, RF: 12/30/46<br>RF choke; single wnd, universal wnd; unshielded; rated 1.4 millihenrys min, 3.5 ohms max DC resistance; 1 3/16" diam x 5/8" lg o/a excluding term; wood dowel form 1/2" diam x 5/8" lg; mts by screw through 0.156" diam hole through ctr of form; two wire leads 1/2" lg tropicalized.  |                     |        | 16-C-74465-1052        |                |                |                       | CLG  | T-1378A                    | CLG        | T-1378A chg3                | MAR               |
| -472029               | COIL, RF: 12/30/46<br>dual choke; 2 wnd on same core, pie wnd; shielded in rectangular metal can; ea wnd rated 60 millihenrys p/a 10% at 1000 cyc, DC resistance 1 wnd 1.61 ohms, other wnd 1.98 ohms; 2 1/4" lg x 1 7/8" wd x 2 1/8" h, w/o term and mtg bkt; laminated silicon steel core; 2 integral mtg bkt, 1 on rear extends 1/2" ea side w/2 slots 5/32" wd x 25/64" d, 2 7/16" c to c, 1 on bottom w/slot 1/4" wd x 5/8" d extends 1"; 4 solder lug term on side; stamped "TA-3402A" on top. |                     |        | 17-T-81267-1579        |                |                |                       | CLG  | TA-3420A                   | CLG        | TA-3420A-2                  | MAR               |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

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NAVSHIPS 900.109(A)  
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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472030               | COIL, RF: 1/10/47<br>choke; 5 pie windings universal wnd; unshielded; sections 1 to 4 are 225 microhenrys p/m 5% per section; section 5 is 100 microhenrys at 1000 cps, action 1 to 4 are 4.8 ohms section 5 is 3.2 ohms; sections 1-4 are 1 3/4 turns #34 SSE wire per section, section 5 is 105 turns #34 SSE wire; MF66 for mica core; core is 1/4" diam x 3" lg; two 0.144" diam mtg holes on 2 11/16" mtg/c; six solder post term. |                     |        | 16-C-72676-6476        |                |                |                       | CACI | L-2947                     | CLP        | L-2947-B obg 3              | SX                |
| -472031               | COIL, RF: 1/10/47<br>choke; single section 3 pie universal wnd; unshielded; 1 millihenry p/m 5% at 1000 cycles distributed capacity 1 mmf, 10 ohms DC res; 516 turns turns #32 SSE wire per pie; 5/8" diam x 1 7/8" lg; MF66 for mica core; one #12-24 tap axial mtg hole 11/32" d; two solder post term.   |                     |        | 16-C-74373-4180        |                |                |                       | CACI | L-3278                     | CLP        | L-3278-B chg 5              | SX                |
| -472032               | COIL, RF: 1/10/47<br>choke; single pie universal wound; unshielded; 60 microhenry p/m 5% at 1000 cps, 4.36 ohms DC res; 30 turns #36 ES wire; 7/16" lg x 0.31" diam o/a; 7/16" lg x 7/32" diam phenolic resin coil form; two 1 1/2" lg axial wire leads.  |                     |        | 16-C-73593-7762        |                |                |                       | CG   | X-7887659                  | CG         | X-7887659 rev 0             | SX                |
| -472033               | TUNER, antenna: 1/22/47<br>cast aluminum case, Navy flat gray enamel; frequency range 0.3 to 26 mc; 35 feet vertical to 200 feet horizontal antenna length; chassis 32 7/8" d x 25 1/2" wd x 19 13/16" h; plugs into watertight case 35 5/8" d x 23 1/4" wd x 22 5/8" h; case has four 1/2" mounting holes on 31 1/2" x 29 1/2" centers; includes built-in tuning indicator.  | CS-240              |        | 16-T-98021-7001        |                |                |                       | CAY  | 7503479                    | CAY        | 7503479                     | X-TXX             |
| -472034               | COIL, RF: 1/25/47<br>RF transformer; single winding, toroidally wound; shielded; 89 millihenrys at 26 kc, CT, inductance of each half 23.2 p/m 0.3 millihenrys at 26 kc; 1200v 60 cps test; ES steel case; 2 9/32" h x 1 3/4" lg x 1" wd excl term; powdered iron core; no mtg facilities; 3 solder term on top 3/8" h; electrically the same as NT-471630 (Sangamo part #816907).  |                     |        | 16-C-75564-5039        |                |                |                       | CAW  | 873131                     | CAW        | 873205 alt 0                |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

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NAVSHIPS 900.109(A)  
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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472035               | COIL, RF: 1/25/47<br>IF transformer; one winding, toroidally wound; shielded rectangular HS steel case; 20 millihenrys at 40 kc, CT inductance of each half 5.21 p/m 0.5 millihenrys; 2 9/32" h x 1 3/4" lg x 1" wd excl term; no mtg facilities; 3 solder term on top 3/8" lg; molybdenum permalloy powdered core, temp compensated.   |                     |        | 16-C-75297-3405        |                |                |                       | CAN | 873132                     | CAN        | 873206 alt 0                | QRB               |
| -472036               | TRANSFORMER, RF: 1/27/47<br>pri single wnd, universal wnd, secd four sections, spiral wnd; imped ratio 750 to 50 ohms at 26 kc, pri with secd open circuit at 26 kc, L is 0.0058 H, Q is 120; 5.63" h x 5.45" lg x 1.88" wd excl term; four #10-32 thd x 5/8" lg mounting studs on 1.25" x 4.75" mtg/c; two solder term w/bushings on mtg end, and two solder turret term on side.                      |                     |        | 17-T-82111-4810        |                |                |                       | CAN | 873108                     | CAN        | 873686 alt 0                | QRB               |
| -472037               | COIL, RF: 1/27/47<br>oscillator; single wnd toroidally wnd; 2.40 p/m 0.03 millihenrys at 90 kc center tapped, two halves balanced to at least one turn at 90 kc; 2 9/32" h x 1 3/4" lg x 1" wd HS steel case excl term; no mtg facilities; three solder term 3/8" lg, on top; molybdenum permalloy powdered core, temp compensated.   |                     |        | 16-C-74616-6379        |                |                |                       | CAN | 873134                     | CAN        | 873208                      | QRB               |
| -472038               | COIL, RF: 1/28/47<br>sec coil; c/o 3 toroidal inductors, 2 wnd; shielded steel case; inductance 41 millihenries at 65 kc, ea half of ea toroid 8.3 millihenries at 40 kc; approx 736 turns #29 Formex wire; 2 1/2" h x 3" wd x 3 1/8" lg less term; molybdenum permalloy powdered core; six 3/16" diam mtg holes on 2 11/16" x 1 3/4" mtg/c; 6 solder term w/bushing; HS, incl two 0.01 MFD capacitors. |                     |        | 17-T-81246-9791        |                |                |                       | CAN | 873492                     | CAN        | 873492 alt 0                | QRB               |
| -472039               | COIL, RF: 1/29/47<br>tuning coil; single wnd; unshielded; 55 microhenries at 26 kc; 35 turns of parallel pair of conductors, each conductor 26 strands #30 E magnet wire; 3 1/2" lg x 2 1/2" wd x 3.6" h o/a; air core 1 3/16" diam; four 0.201" diam mtg holes on 2.04" x 2.00" mtg/c; two bracket type term with 0.208" diam bolt holes.  |                     |        | 16 C-73588-8130        |                |                |                       | CAN | 873201                     | CAN        | 873210 alt 0                | QRB               |
| -472040               | TRANSFORMER, IF: 2/24/47<br>12 mc; 2nd IF; shielded; 2" h x 7/8" square case; iron core; double tuned; adjustable iron core tuning; two #10-32 thd mtg studs 9/16" lg, 0.343" c to c; four solder lug term on mtg end.  |                     |        | 17-T-68061-7669        |                |                |                       | CRR | L201146-1                  | CRR        | L201146-1 chg0              | AW/MRD-8          |

SHEET 47-498

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

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SHEET 47-499

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472041               | TRANSFORMER, IF: 2/24/47<br>12 mc; 2nd IF; shielded; 7/8" sq x 2" h case; iron core double tuned; adjustable iron core tuning; two #10-32 thd mtg studs 9/16" lg, 0.343" c to c; four solder lug term on mtg end.  |                     |        | 17-T-68061-7694        |                |                |                       | CRR  | L201602-1                  | CRR        | L201602-1 chg0              | AN/MRD-8          |
| -472042               | TRANSFORMER, IF: 2/24/47<br>8 mc; 2nd IF; shielded; 7/8" sq x 2" h case; iron core double tuned; adjustable iron core tuning; two #10-32 thd mtg studs 9/16" lg, 0.343" c to c; four solder lug term on mtg end.   |                     |        | 17-T-67942-7669        |                |                |                       | CRR  | L201603-1                  | CRR        | L201603-1 chg0              | AN/MRD-8          |
| -472043               | COIL, RF: 2/24/47<br>20 mc peak; oscillator; shielded; 7/8" sq x 2" h case; iron core; double tuned; adjustable iron core tuning; two #10-32 thd mtg studs 9/16" lg 0.343" c to c; four solder lug term on mtg end, one not used.  |                     |        | 16-C-76469-4507        |                |                |                       | CRR  | L201604-1                  | CRR        | L201604-1 chg0              | AN/MRD-8          |
| -472044               | TRANSFORMER, IF: 2/24/47<br>12 mc; 4th IF; shielded; 7/8" sq x 2" h case; iron core; double tuned; adjustable iron core tuning; two #10-32 thd mtg studs 9/16" lg 0.343" c to c; four solder lug term on mtg end.  |                     |        | 17-T-68061-7734        |                |                |                       | CRR  | L201605-1                  | CRR        | L201605-1 chg0              | AN/MRD-8          |
| -472045               | COIL, RF: 2/25/47<br>tuning; single wnd, universal wnd; unshielded; 4.89 millihenrys p/m 1%; 526 turns #38 ES wire; 27/32" diam x 2 1/64" lg excl term; Durez 11863 form, air core; slug tuned; screwdriver adjustment on slug; single hole mtg 1/4"-28 thd bushing 17/32" lg; four turret type term 0.265" h, two not used. |                     |        | 16-C-76756-9043        |                |                |                       | CBEJ | A-11125-1                  | CBZ        | A-11125-1 1eeC              | AN/UPM-4          |
| -472046               | COIL, RF: 2/25/47<br>tuning; single wnd, universal wnd; unshielded; 7.46 millihenrys; 705 turns #38 ES wire; 27/32" diam x 2 1/64" lg excl term; Durez 11863 form, air core; slug tuned; screwdriver adjustment on slug; single hole mtg 1/4"-28 thd bushing 17/32" lg; four turret type term 0.265" h, two not used.        |                     |        | 16-C-76763-9673        |                |                |                       | CBEJ | A-11125-2                  | CBZ        | A-11125-2 1eeC              | AN/UPM-4          |
| -472047               | COIL, RF: 2/25/47<br>tuning; single wnd, universal wnd; unshielded; 12.04 millihenrys; 860 turns #38 ES wire; 7/8" diam x 2 1/64" lg excl term; Durez 11863 form, air core; slug tuned; screwdriver adjustment on slug; single hole mtg 1/4"-28 bushing 17/32" lg; four turret term 0.265" h, two not used.                  |                     |        | 16-C-76778-1079        |                |                |                       | CBEJ | A-11125-3                  | CBZ        | A-11125-3 1eeC              | AN/UPM-4          |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

SHEET 47-499

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

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SHEET 47-500

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472048               | COIL, RF: <span style="float: right;">2/25/47</span><br>tuning; single wnd, universal wnd; unshielded; 0.465 millihenrys; 156 turns #38 ES wire; 11/16" diam x 2 1/64" lg excl term; Durez 11863 form, air core; slug tuned; screwdriver adjustment on slug; single hole mtg 1/4"-28 bushing 17/32" lg; four turret type term 0.265" h, two not used.  |                     |        | 16-C-76685-8844        |                |                |                       | CBEJ | A-11125-4                  | CHZ        | A-11125-4 100C              | AN/UPM-4          |
| -472049               | COIL, RF: <span style="float: right;">2/27/47</span><br>tuning; single wnd, universal wnd; unshielded; 1.66 millihenrys; 321 turns #38 ES wire; 23/32" diam x 2 1/64" lg excl term; Durez 11863 form, air core; slug tuned; screwdriver adjustment on slug; single hole mtg 1/4"-28 bushing 17/32" lg; four turret type term 0.265" h, two not used.   |                     |        | 16-C-76737-3781        |                |                |                       | CBEJ | A-11125-3                  | CHZ        | A-11125-5 100C              | AN/UPM-4          |
| -472050               | COIL, RF: <span style="float: right;">2/27/47</span><br>tuning; single wnd, universal wnd; unshielded; 6.98 millihenrys; 675 turns #38 ES wire; 13/16" diam x 2 1/64" lg excl term; Durez 11663 form; air core; slug tuned; screwdriver adjustment on slug; single hole mtg 1/4"-28 bushing 17/32" lg; four turret type term 0.265" h, two not used.   |                     |        | 16-C-76763-5393        |                |                |                       | CBEJ | A-11125-6                  | CHZ        | A-11125-6 100C              | AN/UPM-4          |
| -472051               | COIL, RF: <span style="float: right;">2/27/47</span><br>tuning; single wnd, universal wnd; unshielded; 0.329 millihenrys tapped at 0.218 millihenrys; 135 turns #34 ES wire tapped at 110 turns; 3/4" diam x 2 1/64" lg excl term; Durez 11863 form, air core; slug tuned; screwdriver adjustment on slug; single hole mtg, 1/4"-28 bushing 17/32" lg; 4 turret type term 0.265" h, one not used.  |                     |        | 16-C-76683-3643        |                |                |                       | CBEJ | A-11125-7                  | CHZ        | A-11125-7 100C              | AN/UPM-4          |
| -472052               | COIL, RF: <span style="float: right;">2/27/47</span><br>tuning; single wnd, universal wnd; unshielded; 1.16 millihenrys tapped at 0.801 millihenrys; 285 turns #34 ES wire tapped at 237 turns; 25/32" diam x 2 1/64" lg excl term; Durez 11863 form, air core; slug tuned; screwdriver adjustment on slug; single hole mtg, 1/4"-28 bushing 17/32" lg; 4 turret type term 0.265" h, one not used. |                     |        | 16-C-76727-3782        |                |                |                       | CBEJ | A-11125-8                  | CHZ        | A-11125-8 100C              | AN/UPM-4          |
| -472053               | COIL, RF: <span style="float: right;">2/27/47</span><br>tuning; single wnd, universal wnd; unshielded; 17.5 millihenrys tapped at 11.26 millihenrys; 1088 turns #36 ES wire tapped at 889 turns; Durez 11863 form, air core; 31/32" diam x 2 1/64" lg less term; slug tuned; screwdriver adjustment on slug; single hole mtg 1/4"-28 bushing 17/32" lg; 4 turret type term 0.265" h, one not used. |                     |        | 16-C-76780-2610        |                |                |                       | CBEJ | A-11125-9                  | CHZ        | A-11125-9 100C              | AN/UPM-4          |

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SHEET 47-501

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472054               | TRANSFORMER, variable RF: 2/27/47<br>two wnd, single layer wound; unshielded; pri 0.72 microhenrys, secd 2.76 microhenrys, pri 6 1/2 turns, secd 15 3/4 turns tapped at 8 1/4 turns, #24 wire; 2 1/64" lg x 3/4" diam excl term; Durez 11863 form, air core; slug tuned; screwdriver adjustment on slug; single hole mtg 1/4"-28 bushing 17/32" lg; 4 turret type term 0.265" h.   |                     |        | 17-T-82268-2439        |                |                |                       | CBEJ | A-12265                    | CBEJ       | A-12265 1ss B               | AN/UPM-4          |
| -472055               | TRANSFORMER ASSEMBLY: 2/27/47<br>interstage; 2 wnd, multi-layer wnd; unshielded; inductance in air, pri 32.5 microhenries secd 10.7 microhenries; pri 60 turns #34 AWG wire, secd 35 turns #34 AWG wire; 3/4" wd x 3/4" h x 2 1/64" max lg excluding term; Durez 11863 form, air core; form 1/2" diam x 1" lg; slug tuning; sdr adj at top of form; single hole mtg, bushing 1/4"-28 thd x 17/32" lg; FMS; 4 turret type term at bottom 1/4" lg; Q wax impr. |                     |        | 17-T-82296-3595        |                |                |                       | CBEJ | A-12266                    | CBEJ       | A-12266 1ss B               | AN/UPM-4          |
| -472056               | TRANSFORMER ASSEMBLY RF: 2/27/47<br>interstage; 200 kc, 50 microseconds duration; pri and secd ea 356 ohms impedance, 5.35 ohms DC resistance at 200 kc; pri 120v, AC; unshielded; 1 37/64" lg x 3/4" diam excluding term; impr per spec S-1532; 4 turret type term on bottom; single hole mtg 1/4"-28 thd bushing 17/32" lg; Durez #11863 form, air core.   |                     |        | 17-T-80193-3736        |                |                |                       | CBEJ | A-12267-1                  | CBEJ       | A-12267-1 1ss B             | AN/UPM-4          |
| -472057               | TRANSFORMER ASSEMBLY RF: 2/27/47<br>interstage; 20 kc, 500 microseconds duration; pri and secd ea 1442 ohms impedance, 56 ohms DC resistance at 20 kc; pri 130v, AC; unshielded; 1 37/64" lg x 29/32" diam excluding term; impr per spec S-1532; 4 turret type term on bottom; single hole mtg 1/4"-28 thd bushing 17/32" lg; Durez 11863 form, air core.  |                     |        | 17-T-80178-5001        |                |                |                       | CBEJ | A-12267-2                  | CBEJ       | A-12267-2 1ss B             | AN/UPM-4          |
| -472058               | COIL, RF: 2/27/47<br>peaking coil; single wnd, universal wnd; unshielded; 70 microhenrys; 57 turns #34 ES wire; 25/32" lg x 21/32" diam o/a; phenolic nylon laminate form and core; single mtg hole for #6-32 screw in end; 2 pin term.  |                     |        | 16-C-75513-8765        |                |                |                       | CBEJ | A-13070-1                  | CBEJ       | A-13070-1 1ss B             | AN/UPM-4          |

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SHEET 47-502

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472059               | COIL, RF: 2/27/47<br>peaking coil; single wnd, universal wnd; unshielded; 110 microhenrys; 78 turns 3/4 ES wire; 25/32" lg x 21/32" diam o/s; phenolic nylon laminate form and core; single mtg holes for #6-32 screw in end; 2 pin term.                                |                     |        | 16-C-73796-3703        |                |                |                       | CBEJ | A-13070-2                  | CHZ        | A-13070-2 1ss B             | AM/UPM-4          |
| -472060               | COIL, RF: 2/27/47<br>peaking coil; single wnd, universal wnd; unshielded; 150 microhenrys; 91 turns #3/4 ES wire; 25/32" lg x 21/32" diam o/s; phenolic nylon laminate form and core; single mtg holes for #6-32 screw in end; two pin term.                             |                     |        | 16-C-73874-2581        |                |                |                       | CBEJ | A-13070-3                  | CHZ        | A-13070-3 1ss B             | AM/UPM-4          |
| -472061               | COIL, RF: 2/28/47<br>choke; single winding, single layer wound; unshielded; approx 40 turns of #29 AWG E wire adjusted to 16 microhenrys p/m 10% at 5 mc; insulated shell 21/64" diam x 15/16" lg; insulated iron core; mounts by axial wire leads.                      |                     |        | 16-C-73239-5177        |                |                |                       | CW   | BL-69550-1                 | CW         | BL-69550-1 1ss 2            | MK-25 Mod2        |
| -472062               | COIL, RF: 2/28/47<br>choke; single winding, single layer wound; unshielded; approx 60 turns of #29 AWG E wire adjusted to 28 microhenrys p/m 10% at 5 mc; insulated shell 21/64" diam x 15/16" lg; insulated iron core; mounts by axial wire leads.                      |                     |        | 16-C-73393-7589        |                |                |                       | CW   | BL-69550-2                 | CW         | BL-69550-2 1ss 2            | MK-25 Mod2        |
| -472063               | COIL, RF: 3/5/47<br>choke; single wnd single layer wound 48 turns #38 AWG "E" wire; unshielded; 10 microhenrys p/m 10% at 2.4 mc; DC resistance one ohm; insulated shell 5/32" diam x 3/8" lg; high resistance resin bonded iron core; mounts by axial wire leads.       |                     |        | 16-C-73089-2809        |                |                |                       | CAUZ | CFIr 3/8-48/38             | CW         | BA-10174-8 1ss11            | MK-25 Mod2        |
| -472064               | COIL, RF: 3/5/47<br>choke; single layer wound 97 turns #3/4 AWG "E" wire; unshielded; 40 microhenrys p/m 10% at 2450 kc, DC resistance, 1.7 ohms, insulated shell 9/32" diam x 15/16" lg; high resistance resin bonded iron core; mounts by 1 1/2" lg axial, wire leads. |                     |        | 16-C-73489-7549        |                |                |                       | CAUZ | CFIr<br>15/16-97/34        | CW         | BA-10174-9 1ss11            | MK-25 Mod2        |
| -472065               | COIL, RF: 3/6/47<br>hash filter; 2 universal windings in series; unshielded; 0.5 microhenrys min inductance, 2 amp, 1.3 ohms DC; 1 9/16" lg x 1" diam, less term which are 5/16" lg; phenolic form, air core; form 1 9/16" lg x 1/2" OD; 2 solder lug term.              |                     |        | 16-C-72745-6840        |                |                |                       | CBEJ | A-13020                    | CHZ        | A-13020 1ss B               | AM/UPM-6          |

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| NA TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR           | MANUFACTURER'S PART NUMBER       | CONTRACTOR     | CORPORATION DWG OR PART NO                         | EQUIPMENT USED IN |
|---------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|----------------|----------------------------------|----------------|--|-------------------|
| -472066             | TUNER, antenna: 3/7/47 R<br>frequency range 200 kc to 2000 kc; 100 watts; will match and couple a 50 ohm line to either an inverted "L" type antenna, 100 to 300 ft long with a 40 ft downlead, over 200 kc to 2000 kc range, or a 35 ft whip antenna over the 500 kc to 2000 kc range; 19 5/16" d x 31 1/2" wd x 30 1/4" h e/a; watertight construction; cast aluminum box with Navy gray finish; mts by four 0.562" diam holes on 24" x 23" mtg/c.                        | RE9551A             |        | 16-T-98018-9001        |                |                |                       | CRV            | MI-16313                         | CRV            | M-447724-1 sub 0                                   | X-TEG             |
| -472067             | TUNER, antenna: 3/7/47 R<br>frequency range 2000 kc to 18,100 kc; 100 watts; will match and couple a 50 ohm line to either an inverted "L" type antenna 100 to 300 ft long with a 40 ft downlead or a 35 ft whip antenna over the entire frequency range; 19 5/16" d x 23 3/4" wd x 30 1/4" h o/a; watertight construction; cast aluminum box with Navy gray finish; mts by four 0.562" diam holes on 18" x 23" mtg/c.  | RE9551A             |        | 16-T-98043-9001        |                |                |                       | CRV            | MI-16312                         | CRV            | M-447743-1 sub 0                                   | X-TEG             |
| -472068             | COIL, RF: 3/14/47<br>choke; two duolateral wound coils; unshielded; each coil 16 microhenrys p/m 20% at 1000 cycles, 100 ma, 1.50 ohms; 3/8" diam x 3/4" lg excluding leads; molded phenolic, solid; cylindrical form 1/4" diam x 3/4" lg; one #2-56 x 5/32" d tapped mtg hole in end of form; 3 radial wire leads.   |                     |        | 16-C-72666-2384        |                |                |                       | CW<br>CW<br>CW | BL-26055<br>BL-84920<br>BL-88901 | CW<br>CW<br>CW | BL-26055 iss 6<br>BL-84920 iss 1<br>BL-88901 iss 3 | MK-25 Mod 2       |
| -472069             | COIL, RF: 3/14/47<br>osc coil; single wnd, single layer wnd; unshielded; 14 turns #29 E wire tapped 2 3/4 turns from starting end; 1 1/32" lg x 7/16" OD excluding tuning slug; molded phenolic form, air core; "spool" type form 1/4" diam x 5/8" lg; tuned by means of #6-32 brass mach screw extending through brass bushing on end of form; sodr adj on end of form; 1/4"-28 thd x 1/4" lg mtg bushing w/flat on side for locking in mtg hole; 3 radial wire lead term. |                     |        | 16-C-76356-5948        |                |                |                       | CW<br>CW<br>CW | BL-26058<br>BL-84923<br>BL-88904 | CW<br>CW<br>CW | BL-26058 iss 4<br>BL-84923 iss 1<br>BL-88904 iss 3 | MK-25 Mod 2       |

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SHEET 47-504

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A E O STOCK NO | SIGNAL CORPS STOCK NO | MFR      | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO       | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|----------|----------------------------|------------|-----------------------------------|-------------------|
| -472070               | TRANSFORMER, RF:<br>two windings, single wound; unshielded; plate winding, 18 turns #29 AWG "E" wire, grid winding 14 turns #29 AWG "E" wire; molded phenolic form, solid; form 1/4" diam, "U" shaped, 1 1/8" lg x 9/16" h, excluding studs; two #3 (0.099")-48 x 3/16" lg mtg studs molded in on 7/8" mtg/c; four radial wire leads.  |                     |        | 17-T-82065-2876        |                |                |                       | CW       | BO-26061-1                 | CW         | BO-26061-1 1aa3                   | MK-25Mod 2        |
| -472071               | TRANSFORMER, RF:<br>two windings, single layer wound; unshielded, plate winding 18 turns #29 AWG "E" wire, grid winding 9 turns #29 AWG "E" wire; molded phenolic form, solid; form 1/4" diam, "U" shaped; 1 1/8" lg x 9/16" h, excluding term; two #3 (0.099")-48 x 3/16" lg mtg studs molded in on 7/8" mtg/c; four radial wire leads.   |                     |        | 17-T-82063-7380        |                |                |                       | CW       | BO-26061-2                 | CW         | BO-26061-2 1aa3                   | MK-25Mod 2        |
| -472072               | TRANSFORMER, RF:<br>two windings, single layer wound; unshielded, plate winding 12 turns #29 AWG "E" wire, grid winding 9 turns #29 AWG "E" wire; molded phenolic form, solid; form 1/4" diam, "U" shaped, 1 1/8" lg x 9/16" h, excluding term; two #3(0.099")-48 x 3/16" lg mtg studs molded in on 7/8" mtg/c; four radial wire leads.  |                     |        | 17-T-82063-7376        |                |                |                       | CW       | BO-26061-3                 | CW         | BO-26061-3 1aa3                   | MK-25Mod 2        |
| -472073               | TRANSFORMER, RF:<br>two windings, single layer wound; unshielded, plate winding 10 turns #33 AWG "E" wire, grid winding 13 turns #33 AWG "E" wire; molded phenolic form, solid; form 1/4" diam, "U" shaped, 1 1/8" lg x 9/16" h, excluding term; two #3(0.099")-48 x 3/16" lg mtg studs molded in on 7/8" mtg/c; four radial wire leads.   |                     |        | 17-T-82064-1066        |                |                |                       | CW<br>CW | BO-26061-4<br>BO-84436-4   | CW<br>CW   | BO-26061-4 1aa3<br>BA-92997 1aa 2 | MK-25Mod 2        |
| -472074               | TRANSFORMER, RF:<br>two windings, single layer wound; unshielded; primary winding 10 turns #32 AWG "E" wire, secd wnd 18 turns #32 AWG "E" wire; 2 1/8" lg with tuning screw fully extended; molded phenolic form, air core; spool type form 1/4" diam x 1" lg; tuned by means of a #6-32 brass machine screw extending through brass mtg bushing on end of form; 1/4"-28 thd x 1/4" lg mtg bushing with flat on side for locking in mtg hole; four radial wire leads. |                     |        | 17-T-82439-1156        |                |                |                       | CW       | BL-64022                   | CW         | BO-64022 1aa3                     | MK-25Mod 2        |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-504

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SHEET 47-505

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472075               | TRANSFORMER, RF: 3/14/47<br>two windings, single layer wound; unshielded; one winding 13 turns #29 AWG "E" wire, other 12 turns #29 AWG "E" wire; molded phenolic form, solid; form 5/16" diam, "U" shaped 1 1/8" lg x 9/16" h, excluding studs; mts by two #4 (0.112")-40 x 9/32" lg threaded studs molded in on 7/8" mtg/c; four radial wire leads. |                     |        | 17-T-82064-6476        |                |                |                       | CW   | BR-76032-1                 | CQ         | BR-76032-1 1ss6             | MK-25Mod 2        |
| -472076               | TRANSFORMER, RF: 3/17/47<br>two windings, single layer wound; unshielded; one winding 14 turns #29 AWG "E" wire, other 12 turns #29 AWG "E" wire; molded phenolic form, solid; form 5/16" diam, "U" shaped 1 1/8" lg x 9/16" h, excluding studs; mts by two #4 (0.112")-40 x 9/32" lg threaded studs molded in on 7/8" mtg/c; four radial wire leads. |                     |        | 17-T-82064-6481        |                |                |                       | CW   | BR-76032-3                 | CW         | BR-76032-3 1ss6             | MK-25Mod 2        |
| -472077               | TRANSFORMER, RF: 3/17/47<br>two windings, single layer wound; unshielded; one winding 14 turns #20 AWG "E" wire, other 11 turns #29 AWG "E" wire; molded phenolic form, solid; form 5/16" diam, "U" shaped 1 1/8" lg x 19/32" h, excluding studs; mts by two #4 (0.112")-40 x 1/4" lg threaded studs molded in on 7/8" mtg/c; four radial wire leads. |                     |        | 17-T-82064-3776        |                |                |                       | CW   | BR-76032-5                 | CW         | BR-76032-5 1ss6             | MK-25Mod 2        |
| -472078               | TRANSFORMER, RF: 3/17/47<br>two windings, single layer wound; unshielded; one winding 14 turns #29 AWG "E" wire, other 10 turns #29 AWG "E" wire; molded phenolic form, solid; form 5/16" diam, "U" shaped 1 1/8" lg x 19/32" h, excluding studs; mts by two #4 (0.112")-40 x 1/4" lg threaded studs molded in on 7/8" mtg/c; four radial wire leads. |                     |        | 17-T-82064-1076        |                |                |                       | CW   | BR-76032-6                 | CW         | BR-76032-6 1ss6             | MK-25Mod 2        |
| -472079               | COIL, RF: 3/18/47<br>choke; single winding, single pie universal wnd; unshielded; 155 microhenrys p/m 5% at 1 mc, 25 ma, 6.93 ohms DC resistance; 7/16" lg x 3/8" diam; phenolic form, air core; coil form 7/16" lg x 7/32" diam; two pigtail term 1 1/4" lg; color coded; tropicalized.  |                     |        | 16-c-73888-4870        |                |                |                       | CFW  | 92-5584-1                  | CRP        | S-92-5584-1 1ss1            | AN/UFA-5          |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

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NAVSHIPS 900,109(A)  
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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472080               | COIL, RF; 3/18/47<br>choke; single winding, single pie universal wound; unshielded; 200 microhenrys p/m 2 1/2 at 1 mc, 25 ma, 8.13 ohm DC resistance; 7/16" lg x 3/8" diam; phenolic form, air core; coil form 7/16" lg x 7/32" diam; two pigtail term 1 1/4" lg; color coded; tropicalized.  |                     |        | 16-C-73957-2466        |                |                |                       | CFW  | 92-5189                    | CRP        | S-92-5189 1 see 1           | AN/UFA-5          |
| -472081               | COIL, RF; 3/18/47<br>choke; single winding, single pie universal wound; unshielded; 90 microhenrys p/m 2 1/2 at 1 mc, 50 ma, 1.99 ohm DC resistance; 5/8" lg x 1/2" diam; phenolic form, air core; coil form 5/8" lg x 3/16" diam; 2 pigtail term 1 1/2" lg; color coded; tropicalized.   |                     |        | 16-C-73698-427         |                |                |                       | CFW  | 92-5558-1                  | CRP        | S-92-5558-1 1 see 2         | AN/UFA-5          |
| -472082               | COIL, RF; 3/19/47<br>tuning; single wnd, universal wnd; unshielded; air inductance 23.6 millihenrys p/m 2 1/2; 1365 turns #38 AWG ES wire; 3/4" diam x 2 1/2" max lg o/a; Durez 11863 form, air core; form 1/2" diam x 1" lg excl term board; slug tuned; screwdriver adjustment; single hole mtg, 1/4"-28 thd bushing w/#6-32 int thd for tuning slug; four solder turret type term 0.265" h, two not used; color coded. |                     |        | 16-C-76786-3137        |                |                |                       | CRBJ | A-12901-1                  | CRZ        | A-12901-1 1 see A           | AN/UPM-6          |
| -472083               | COIL, RF; 3/19/47<br>tuning; single wnd, universal wnd; unshielded; air inductance 8.74 millihenrys p/m 2 1/2; 845 turns #38 AWG ES wire; 3/4" diam x 2 1/2" max lg o/a; Durez 11863 form, air core; form 1/2" diam x 1" lg excl term board; slug tuned; screwdriver adjustment; single hole mtg, 1/4"-28 thd bushing w/#6-32 int thd for tuning slug; four solder turret type term 0.265" h, two not used; color coded.  |                     |        | 16-C-76771-2441        |                |                |                       | CRBJ | A-12901-2                  | CRZ        | A-12901-2 1 see A           | AN/UPM-6          |
| -472084               | COIL, RF; 3/19/47<br>tuning; single wnd, universal wnd; unshielded; air inductance 3.00 millihenrys p/m 2 1/2; 500 turns #38 AWG ES wire; 3/4" diam x 2 1/2" max lg o/a; Durez 11863 form, air core; form 1/2" diam x 1" lg excl term board; slug tuned; screwdriver adjustment; single hole mtg, 1/4"-28 thd bushing w/#6-32 int thd for tuning slug; four solder turret type term 0.265" h, two not used; color coded.  |                     |        | 16-C-76751-1899        |                |                |                       | CRBJ | A-12901-3                  | CRZ        | A-12901-3 1 see A           | AN/UPM-6          |

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SHEET 47-507

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN      |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|------------------------|
| -472085               | COIL, RF: 3/19/47<br>ringing; single wnd, universal wnd; unshielded; air inductance 800 microhenrys; 208 turns #38 AWG ES wire; 3/4" diam x 1 7/8" lg o/a; Durez 11863 form, air core; form 1/2" diam x 1" lg less term board; single hole mtg, 1/4"-28 ext thd bushing, #6-32 int thd; four solder turret term 0.265" h, two not used; color coded.                                     |                     |        | 16-C-75756-4895        |                |                |                       | CBEJ | A-12777                    | CRZ        | A-12777 iss A               | AN/UPA-6               |
| -472086               | COIL, RF: 3/24/47<br>choke; single winding, single pie universal wnd; unshielded; 27 microhenrys at 3 mc, 50 ma, 0.92 ohm DC resistance; 7/16" lg x 3/8" diam; phenolic form, air core; coil form 7/16" lg x 7/32" diam; 2 axial wire leads 1 1/4" lg; color coded; tropicalized.  |                     |        | 16-C-73383-3618        |                |                |                       | CRP  | 92-5665-1                  | CRP        | S92-5665-1 iss 1            | AN/UPA-5               |
| -472087               | COIL, RF: 3/24/47<br>choke; two windings, both pie universal wnd; unshielded; 5.5 microhenrys at 150 kc, 25 ma, 41 ohm DC resistance; 5/8" lg x 1/2" diam; powdered iron form; 2 axial wire leads 1 1/2" lg; color coded; tropicalized.  |                     |        | 16-C-73007-4299        |                |                |                       | CRP  | 92-5651-1                  | CRP        | S92-5651-1 iss 2            | SG-6                   |
| -472088               | COIL, RF: 3/25/47<br>choke; single winding, single layer wound; unshielded; 64 1/4 turns of #30 R&S E wire; 1 1/8" lg x 1/2" diam; polystyrene, solid; one #6-32 thd tapped mtg hole 3/8" d on one end.  |                     |        | 16-C-72666-3083        |                |                |                       | CRR  | A215185                    | CRR        | 0A215185 chg A              | DEF-1                  |
| -472089               | COIL, RF: 3/26/47<br>frequency compensating; one single layer winding; unshielded; 40 turns #29 AWG enamel-covered wire, variable inductance from 12 to 23 microhenrys; 1/2" diam x 2 3/32" lg o/a; phenolic form powdered iron core; coil form 3/8" diam x 5/8" lg; powdered iron core tuning; screwdriver adjustment at one end; 1/4"-28 thd mtg bushing 1/4" lg; two solder lug term. |                     |        | 16-C-76615-5663        |                |                |                       | CRB  | AS-3078                    | CRB        | AS-3078 iss E               | AN/UPA-15<br>AN/UPA-17 |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                        |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                        |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-507

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SHEET 47-508

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO  | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|-----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472090               | COIL, RF: 3/31/47<br>choke; two windings; shielded rectangular aluminum can; wmd 1/2 is 7.2/570 millihenrys at 1000 cps, 0.36/419 ohm DC res; 3 25/64" lg x 1 3/8" sq; two adjustable iron cores; one screwdriver adjustment on top, one on bottom; two #6-32 thd x 1/2" lg mtg studs 1.312" c to c; 6 solder on bottom three not used; consists of 2 coils and 2 capacitors, one coil and 130 mmf capacitor resonant at 4.75 mc, other coil and 220 mmf capacitor resonant at 370 kc; wax filled.                            | 16T36(RE)           |        | 17-T-67551-4952        |                 |                |                       | CRV  | M-446547                   | CRV        | M-446547 sub 0              | REM               |
| -472091               | TRANSFORMER, RF: 3/31/47<br>oscillator transformer; two wmd; rectangular aluminum shield can; 3 25/64" lg x 1 3/8" sq can; melamine form; adjustable iron core; screwdriver adjustment on bottom; two #6-32 thd x 1/2" lg mtg studs 1.312" c to c; 6 solder term on bottom 5/16" lg, one not used; nominal oscillator freq 2025 kc; wax filled.   | 16T36(RE)           |        | 17-T-67787-1463        |                 |                |                       | CRV  | M-446548                   | CRV        | M-446548 sub 0              | REM               |
| -472092               | COIL, RF: 3/31/47<br>1556 kc peak freq; 3 53/64" h x 1.79" wd x 1.9/32" d less ad) screw; rectangular metal case; mtd by two #6-32 thd spade bolts 1.312" c to c; 6 solder tab term same end as mtg, 3 term not used; c/o coil 136 turns 8/43 AWG Litz wire, 5.5 ohms DC resistance, 2.88 microhenry inductance, and capacitor 30 mmf cap, moisture and fungus resistant.   | 16T36(RE)           |        | 16-P-32680-8521        | N16-T-6257-127  |                |                       | CRV  | M-446549                   | CRV        | M-446549-1 sub 2            | REM               |
| -472093               | COIL, RF: 3/31/47<br>choke; 2 wmd; rectangular aluminum shield can; wmd 1/2 is 18/690 microhenrys at 1000 cps, 20/20 ma, 0.56/4.9 ohms DC resistance; 3 25/64" lg x 1 3/8" sq can; melamine form; two adjustable iron core; one screwdriver adjustment on top, one on bottom; two #6-32 thd x 1/2" lg mtg studs, 1.312" c to c; 6 solder term on bottom, three not used; consists of 2 coils and two capacitors, one coil and 39 mmf capacitors, at 5.75 mc, other coil and 130 mmf capacitor resonant at 530 kc; wax filled. | 16T36(RE)           |        | 17-T-67672-1878        | N16-T-18564-201 |                |                       | CRV  | M-446550                   | CRV        | M-446550 sub 0              | REM               |

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SHEET 47-508

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SHEET 47-509

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | Z S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472094               | COIL, RF: 3/31/47<br>chokes; single wnd; rectangular aluminum shield can; 17.2 millihenrys at 1000 cps, 20 ma, 17 ohms DC resistance; 3 25/64" lg x 1 3/8" sq can; melamine form; adjustable iron core; screwdriver adjustment through top; two #6-32 thd x 1/2" lg mtg studs 1.312" c to c; 6 solder lug term on bottom, 3 not used; c/o coil and 2 capacitors, coil and 150 mmf capacitor tuned to 100 kc, other capacitor rated 100 mmf; wax filled.                              | 16T36(RE)           |        |                        |                |                |                       | CRV | M-446551                   | CRV        | M-446551 sub 0              | REM               |
| -472095               | TRANSFORMER, RF: 3/31/47<br>15% kc; narrow band IF filter; shielded; case 3 25/64" h x 1 9/32" wd x 1 5/16" d excluding term and mtg lugs; iron core; double tuned, secd scdr adj at top of can, pri scdr adj at bottom of can; adj iron core tuning; two #6-32 thd mtg studs 1.312" c to c; 6 solder lug term, 1 not used; incl 3 var capacitors, mp and fp.  | 16T36(RE)           |        | 17-T-67751-6065        |                |                |                       | CRV | M-446552                   | CRV        | M-446552 sub 0              | REM               |
| -472096               | TRANSFORMER, RF: 3/31/47<br>100 kc, ctr freq; 1st marker IF amplr; shielded aluminum can; 3 25/64" h x 1 3/4" lg x 1 9/32" wd less term mtg studs and adj screw; iron core; double tuned, secd scdr adj at top of can, pri scdr adj at bottom of can; adj iron core tuning; two #6-32 thd mtg studs 1.312" c to c; 6 solder lug term, 2 not used; incl 2 fixed capacitors, mp and fp.  | 16T36(RE)           |        | 17-T-67461-4601        |                |                |                       | CRV | M-446553                   | CRV        | M-446553-1 sub 0            | REM               |
| -472097               | TRANSFORMER, RF: 3/31/47<br>15% kc; 2nd IF transf; shielded aluminum can; 3 33/64" lg x 1 27/64" wd x 1 27/64" d excluding tuning slug and term and mtg studs; iron core; double tuned, secd scdr adj at top of can, pri scdr adj at bottom of can; adj iron core tuning; two #6-32 thd mtg studs 1.312" c to c; 6 solder lug term, 2 not used; incl 2 fixed capacitors, mp and fp, can marked w/symbol and Navy Type numbers, part # and component part #, "Sec" marked top of can. | 16T36(RE)           |        | 17-T-67751-6116        | R16-T-6149-218 |                |                       | CRV | M-446554                   | CRV        | M-446554 sub 0              | REM               |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-509

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SHEET 47-510

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFOR      | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----------|----------------------------|------------|----------------------------|-------------------|
| -472098               | TRANSFORMER, RF: 3/31/47<br>1556 kc; 1st IF transf; shielded; 3 25/64" h x 1 3/8" wd x 1 3/8" d o/a excluding mtg studs and adj screws; iron core; double tuned, secd ecdr adj at top of can, pri ecdr adj at bottom of can; adj iron core tuning; two #6-32 thd mtg studs 1.312" c to c; 6 solder lug term, 2 not used; incl 2 fixed capacitors, mp and fp. | 16T3(RE)            |        | 17-T-67751-6060        | M16-T-6149-230 |                |                       | CRV       | M-446555                   | CRV        | M-446555 sub 0             | REM               |
| -472099               | TRANSFORMER, RF: 3/31/47<br>two wnd; rectangular aluminum shield can; 3 25/64" lg x 1 3/8" sq can; melamine form; two adjustable iron cores; screwdriver adjustment, one from bottom, one from top of can; two #6-32 thd x 1/2" lg mtg studs 1.312" c to c; 6 solder lug term on mtg end; nominal oscillator frequency 6.8 mc; wax filled.                   | 16T36(RE)           |        | 17-T-67909-8568        |                |                |                       | CRV       | M-446556                   | CRV        | M-446556 sub 0             | REM               |
| -472100               | COIL, RF: 4/14/47<br>grid inductor; single layer wound; unshielded; 16 microhenrys at 5 mc; 18 complete turns of flat copper strip 0.775" wnd; .28 15/16" lg x 10" wd x 12 19/32" h o/a; adjusted by means of shaft which moves two sliding tape over coil; two mtg brackets for mtg on 2 7/16" mtg/c; two screw type term on rear and one on front.         |                     |        | 16-C-73250-6581        |                |                |                       | CFT       | RC-7016-14-2               | CFT        | RC-7016-14-2<br>1seeE      | TFA               |
| -472101               | COIL, RF: 4/14/47<br>choke; single layer wound; unshielded; 93 microhenrys at 1.6 mc; 243 turns #16 DC wire clove wound; 17" lg x 1.515" wd x 1.122" d o/a; glass coil form; form 17" lg x 1" diam; two #6-32 thd screws 16 3/8" c to c form mtg and term; fuse clip mtg; Q max impr for tropical use.   |                     |        |                        |                |                |                       | CFT       | RC-1007-2-7                | CFT        | RC-1007-2-7<br>1seeK       | TFA               |
| -472102               | COIL, RF: 4/25/47<br>choke; single layer wnd; unshielded; 58 turns #22 AWG wire; 0.42 ohms DC resistance; 0.52 microhenries at 1000 cps; 3" lg x 1 9/16" diam, o/a; ceramic form, air core; 3" lg x 1 1/2" diam core; two #6 screw clearance holes on opposite side of form 1/4" from 1 end; 2 wire term; mtd w/two #4-40 thd x 5/16" lg RH machine screws.  | BW47F192            |        | 16-C-72666-2200        |                |                |                       | CN<br>CIJ | AA-3817<br>2-112           | CN<br>CIJ  | AA-3817 1see A<br>2-112    | NT-471138         |
| -472103               | COIL, RF: 4/28/47<br>choke; single wnd, single layer wnd; unshielded; 22 turns #24 AWG wire, vinyl acetate ins, 3.8 microhenries p/m 20%; 5/8" lg x 1 1/4" diam; powdered iron form; 5/8" lg x 13/64" diam form; 2 pigtail term 1 3/8" lg; mts by 2 pigtail term; 1 coat ins varnish.  |                     |        | 16-C-72946 6444        |                |                |                       | CRP       | S92-5688-1                 | CRP        | S92-5688-1 1see 1          | CCJ               |

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NAVSHIPS 900,109(A)  
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SHEET 47-510

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472104               | COIL, RF: 5/5/47<br>choke; single wnd, four pie universal wnd; unshielded; inductance 45.5 millihenrys p/m 2% at 20,000 cps, 8 mm, 182 ohms DC res; 7/8" lg x 3/4" max diam iron core; coil form 7/8" lg x 1/4" diam; 2 term wire leads 1 1/2" lg; RMA color coded; impr for tropical use.   |                     |        | 16-C-75441-2359        |                |                |                       | CAQC | A-654                      | CRP        | 8-92-5582-1 rev3            | MAY               |
| -472105               | COIL ASSEMBLY, RF: 5/20/47<br>oscillator and choke; consists of two separate wnd; shielded, rectangular aluminum can; choke coil is 25 millihenrys at 1000 cyc with DC current, 100 ohms DC res; iron core; oscillator coil has adjustable iron core w/screwdriver adjustment through top of can; 4 9/16" h x 1 7/8" lg x 1 7/16" wd o/a; two 0.128" diam mtg holes on 1.343" mtg/c; 8 solder lug term on bottom of case.  |                     |        | 16-C-77601-5601        |                |                |                       | CFT  | RF-5793-12                 | CFT        | RF-5793-12 188B             | DAX               |
| -472106               | COIL, RF: 5/20/47<br>BFO; single pie wnd, tapped; rectangular shield can; 333 microhenrys at 1000 cyc, 14.9 ohms DC resistance; 146 turns #38 DS E wire tapped at 17 turns; 2 1/4" lg x 2 1/32" wd x 2 29/32" h, approx excluding term and mtg studs; adj iron core, bakelite form; form 1 25/32" lg x 1/2" OD; adj iron core and built-in trimmer capacitor; scdr adj through top of can; two #4-40 thd mtg studs 1 1/2" c to c; 3 solder lug term; 455 kc, ext sw ganged w/var capacitor, incl 1 fixed capacitor and resistor. |                     |        | 16-C-76683-4025        |                |                |                       | CFT  | ML-50335-2                 | CFT        | ML-50335-2 rev G            | DAX               |
| -472107               | TRANSFORMER, RF: 5/20/47<br>455 kc peak, 425 kc to 485 kc band wd; 1st compensating; shielded; 3 7/16" h x 1 7/16" wd x 1 7/8" d o/a less term and adj screw; iron core; doubled tuned; adj iron core tuning; two #4-40 thd mtg studs 3/4" c to c; 4 solder turret type term on bottom; incl 4 fixed capacitors.   |                     |        | 17-T-67632-3251        |                |                |                       | CFT  | RF-5728-2                  | CFT        | RF-5728-2 188 B             | DAX               |
| -472108               | TRANSFORMER, RF: 5/20/47<br>455 kc peak, 425 kc to 485 kc band wd; 2nd compensating; shielded; 3 7/16" h x 1 7/16" wd x 1 7/8" d o/a less term and adj screw; iron core; double tuned; adj iron core tuning; two #4-40 thd mtg studs 3/4" c to c; 4 solder turret type term on bottom; incl 3 fixed capacitors.  |                     |        | 17-T-67632-3256        |                |                |                       | CFT  | RF-5729-2                  | CFT        | RF-5729-2 188 B             | DAX               |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-511

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SHEET 47-512

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STGCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472109               | TRANSFORMER, IF: 5/20/47<br>140 kc peak frequency; interstage 1st IF; shielded; 1 7/8" lg x 1 7/16" wd x 4 5/8" h o/s; iron core; double tuned; adjustable iron core tuning; two #4-40 thd x 5/16" lg mtg studs 1" c to c; six solder lug term.  |                     |        | 17-T-67489-5091        |                |                |                       | CFT  | RF-5730-2                  | CFT        | RF-5730-2 iss A             | DAX               |
| -472110               | TRANSFORMER, RF: 5/21/47<br>140 kc; interstage, 2nd IF; shielded; 3 15/16" h x 1 7/16" wd x 1 7/8" d o/a excluding term and adj screw; iron core; double tuned; adj iron core tuning; two #4-40 thd mtg studs 1" c to c; 6 solder lug term on bottom; incl 2 fixed capacitors, 2 resistors.  |                     |        | 17-T-67489-5094        |                |                |                       | CFT  | RF-5731-2                  | CFT        | RF-5731-2 iss A             | DAX               |
| -472111               | COIL, RF: 5/28/47<br>pick-up loop; single turn; unshielded; 1/4" OD copper tubing, cadmium pl, 3 3/4" ID loop; 4 1/4" OD loop x 5 7/16" lg x 1 1/4" d; two 0.180" diam mtg holes on ea termination of loop, 13/16" c to c.   |                     |        | 16-C-71624-5961        |                |                |                       | CFT  | RC-10683-1                 | CFT        | RC-10683-1 iss A            | TPA               |
| -472112               | TRANSFORMER, RF: 7/2/47<br>two windings, single layer wound; unshielded; wnd #1 has 11 turns #29 AWG "E" wire, wnd #2 has 10 turns #29 AWG "E" wire; 1 1/8" lg x 1 9/32" h "U" shaped molded phenolic form; two #4-40 thd x 9/32" lg studs 7/8" c to c molded in; 4 radial wire leads; green dot marking.  |                     |        | 17-T-82064-1070        |                |                |                       | GW   | BR-76032-7                 | GW         | BR-76032-7 iss B            | MK-25 mod 2       |
| -472113               | TRANSFORMER, RF: 7/8/47<br>60.5 mc; input; unshielded; 21/32" lg x 31/64" wd x 15/32" d, term incl; tubular pri and solid secd phenolic forms; pri coil 3 turns #28 AWG bare "E" copper wire 5" lg, secd coil 21 turns #28 AWG bare "E" copper wire 13" lg, untuned; one #4-40 thd brass mtg insert on bottom in secd end; two 0.051" diam copper pins and 2 wire leads 5" lg; Q-max impr. |                     |        | 17-T-68400-1008        |                |                |                       | CZ   | A-13421                    | CZ         | A-13421 iss 0               | AN/SPX-2 (XN-21)  |
| -472114               | COIL, RF: 7/8/47<br>interstage; single winding; single layer wound; unshielded; 11 3/4 turns #26 AWG bare enameled wire; 5/8" lg x 5/16" OD excl pin term; phenolic form, air core; bayonet mtg; 2 pin type term; coded by 3 dots on top of form; wax impregnated.   |                     |        | 16-C-72109-4418        |                |                |                       | CZ   | A-13392-3                  | CZ         | A-13392-3 iss 0             | AN/SPX-2          |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-512

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472115               | COIL, RF: 7/8/47<br>interstage; single winding, single layer wound; unshielded; 12 3/4 turns #27 AWG bare enameled wire; 5/8" lg x 5/16" OD excl pin term; phenolic form, air core; bayonet mtg; 2 pin type term; coded by 2 dots on top of form; wax impregnated.  |                     |        | 16-C-72147-2140        |                |                |                       | CRZ | A-13392-2                  | CRZ        | A-13392-2 1ss0              | AN/SPX-2          |
| -472116               | COIL, RF: 7/8/47<br>interstage; single winding, single layer wmd; unshielded; 13 3/4 turns #28 AWG bare enameled wire; 5/8" lg x 5/16" OD excl pin term; phenolic form, air core; bayonet mtg; 2 pin type term; coded by 1 dot on top face of form; wax impregnated.  |                     |        | 16-C-72160-2140        |                |                |                       | CRZ | A-13392-1                  | CRZ        | A-13392-1 1ss0              | AN/SPX-2          |
| -472117               | COIL, RF: 7/15/47<br>choke; single wnd, 3 pie universal wnd; unshielded; 2 millihenrys p/m 10%, 25 ma, 18 ohms approx DC resistance; 0.750" lg x 0.400" diam excl term; powered iron core; 2 axial wire lead term 1 3/8" lg min; color coded; coated w/"Glyptol" #1202 insulating varnish.  |                     |        | 16-C-74539-0651        |                |                |                       | CRP | S92-5706-1                 | CRP        | S92-5706-1 1ss1             | OCJ               |
| -472118               | COIL, RF: 7/21/47<br>tuning; single wnd, single layer wnd; unshielded; 21 turns #31 AWG wire, vinyl acetal ins; 1 5/8" lg x 9/16" wd x 25/32" h, o/a; mica filled phenolic form, iron core; 15/16" lg x 9/16" wd x 9/16" h, o/a; adj iron core; scdr adj on end of form; single hole mtg bushing #12-28 thd for 1/16" thd panel; 2 solder post term on top.     |                     |        | 16-C-76423-2292        |                |                |                       | CRP | S92-5708-1                 | CRP        | U74-5410 sub 0              | OCJ               |
| -472119               | COIL, RF: 7/21/47<br>tuning; single wnd, single layer wnd; unshielded; 15 turns #31 AWG wire, vinyl acetal ins; 1 5/8" lg x 9/16" wd x 25/32" h, o/a; mica filled phenolic form, iron core; 15/16" lg x 9/16" wd x 9/16" h, o/a; adj iron core; scdr adj on end of form; single hole mtg bushing #12-28 thd for 1/16" max thd panel; 2 solder post term on top. |                     |        | 16-C-71378-4764        |                |                |                       | CRP | S92 5708-2                 | CRP        | U74-5410 sub 0              | OCJ               |

NAVSHIPS 900,109(A)  
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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

**RESTRICTED**

SHEET 47-514

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472120               | COIL, RF: 7/21/47<br>tuning; single wnd, single layer wnd; unshielded; 8 turns #24 AWG wire, vinyl acetal ins, tapped approx 1 1/2 turns from base; 1 5/8" lg x 9/16" wd x 25/32" h, o/a; mica filled phenolic form, iron core; 15/16" lg x 9/16" wd x 9/16" h, o/a; adj iron core; scdr adj on end of form; single hole mtg bushing #12-28 thd for 1/16" max thd panel; 2 solder post term on top; varnish impr.                 |                     |        | 16-C-76283-5058        |                |                |                       | CRP | 892-5708-3                 | CRP        | U74-5410 sub 0              | OCJ               |
| -472121               | COIL, RF: 7/21/47<br>tuning; single wnd, single layer wnd; unshielded; 6 turns #24 AWG wire, vinyl acetal ins, tapped approx 1 1/2 turns from base; 1 5/8" lg x 9/16" wd x 25/32" h, o/a; mica filled phenolic form, iron core; 15/16" lg x 9/16" wd x 9/16" h, o/a; adj iron core; scdr adj on 1 end of form; single hole mtg bushing #12-28 thd for 1/16" max thk panel; 2 solder post term on top; varnish impr.               |                     |        | 16-C-76254-4470        |                |                |                       | CRP | 892-5708-4                 | CRP        | U74-5410 sub 0              | OCJ               |
| -472122               | COIL, RF: 7/21/47<br>tuning; single wnd, single layer wnd; unshielded; 4 turns #24 AWG wire, vinyl acetal ins, tapped approx 1 turn from base; 1 5/8" lg x 9/16" wd x 25/32" h, o/a; mica filled phenolic form, iron core; 15/16" lg x 9/16" wd x 9/16" h; adj iron core; scdr adj on 1 end of form; single hole mtg bushing #12-28 thd for 1/16" max thk panel; 2 solder post term on top; polystyrene varnish impr.             |                     |        | 16-C-76223-4784        |                |                |                       | CRP | 892-5708-5                 | CRP        | U74-5410 sub 0              | OCJ               |
| -472123               | COIL, RF: 7/21/47<br>tuning; single wnd, single layer wnd; unshielded; 7 turns #24 AWG wire, vinyl acetal ins, tapped approx 1 3/4 turns from base; 1 5/8" lg x 9/16" wd x 25/32" h, o/a; mica filled phenolic form, iron core; 15/16" lg x 9/16" wd x 9/16" h; adj iron core; scdr adj on 1 end of form; mts by single hole mtg bushing #12-28 thd for 1/16" max thk panel; 2 solder post term on top; polystyrene varnish impr. |                     |        | 16-C-76274-9412        |                |                |                       | CRP | 892-5708-6                 | CRP        | U74-5410 sub 0              | OCJ               |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

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SHEET 47-515

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472124               | COIL, RF: 7/21/47<br>tuning; single wnd, single layer wnd; unshielded; 5 turns #24 AWG wire, vinyl acetal ins; 1 5/8" lg x 9/16" wd x 25/32" h, o/a; mica filled phenolic form, iron core; 15/16" lg x 9/16" wd x 9/16" h; adj iron core; eodr adj on 1 end of form; mts by single hole mtg bushing #12-28 thd for 1/16" max thk panel; 2 solder post term on top; varnish impr.  |                     |        | 16-C-76234-6235        |                |                |                       | CRP | 892-5708-7                 | CRP        | U74-5430 eub 0              | OCJ               |
| -472125               | COIL, RF: 7/25/47<br>choke; single wnd, universal wnd; unshielded; 4 micro henrys p/m 10%, 75 ms, 32.5 ohms DC resistance; 0.625" lg x 3/8" approx OD excl leads; powdered iron core, plastic insulation; coil form 0.625" lg x 0.200" approx OD; two #22 AWG axial wire leads 1 1/2" lg, one flattened on end; contains no fungi nutrients.  |                     |        | 16-C-74814-9897        |                |                |                       | CFW | CL-10040                   | CHZ        | CL-10040 188A               | AN/SPX-2          |
| -472126               | CONICOMETER: 7/28/47<br>inductive type; two rotors, two stators, no slip rings; inductive coupling on output, freq range 100-160 mc, DC motor driven, drives alternator for circle voltage; 12 1/2" lg. x 5" diam approx o/a; four #8-32 tapped mtg holes spaced 90 deg apart on 2.250" radius; motor rated 1/200 hp at 2200 rpm.   |                     |        | 16-G-77942-5501        |                |                |                       | CFT | RF-5423-12                 | CFT        | RF-5423-12 188F             | DBF               |
| -472127               | COIL, RF: 7/31/47<br>cuts off 8 mc, passes all other freq; 13/16" lg x 13/16" wd x 1 1/8" h o/a less mtg bushing; rectangular metal case; mtd by one 5/16" -32 thd x 0.223" lg mtg bushing; 2 wire lead term on top; adj iron core.   |                     |        | 16-F-34000-1076        |                |                |                       | CRR | L202619-1                  | CRR        | L202619-1 chg 0             | AN/MRD-8          |
| -472128               | TRANSFORMER, RF: 7/31/47<br>interstage; shielded; 12 m ; 7/8" lg x 7/8" wd x 2 7/16" h o/a; iron core; double tuned; two #10-32 thd x 9/16" lg mtg studs 0.343" c to c; 4 solder lug term on bottom.  |                     |        | 17-T-68061-8535        |                |                |                       | CRR | L202631-1                  | CRR        | L202631-1 188 A             | AN/MRD-8          |
| -472129               | COIL, RF: 8/7/47<br>oscillator; two windings, one universal wound, one universal wnd in 3 pieces; unshielded; 4" lg x 1 3/4" wd x 1 5/16" h o/a; polystyrene form, air core; coil form 5/8" OD x 2 25/32" lg; adjustable powdered iron core slug; screwdriver adjustment on outer end opposite mtg end; two 0.154" diam mtg holes 1.312" c to c in form base; 6 solder lug term on mtg end; wax impr; one 260 mmf mica capacitor inc. |                     |        | 16-C-76678-6516        |                |                |                       | CRV | 420951-501                 | CRV        | M-420951-501 eub 12         | RBB-3<br>RBC-3    |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-515

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SHEET 47-516

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN. NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|---------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472130               | COIL, RF: 8/7/47<br>oscillator; two windings, one universal wnd, one universal wound in 3 pies; unshielded; 4" lg x 1 3/4" wd x 1 5/16" h o/a; polystyrene form, air core; coil form 5/8" OD x 2 25/32" lg; adjustable powdered iron core slug; screwdriver adjustment on center end opposite mtg end; two 0.154" diam mtg holes 1.312" c to c in form base; 6 solder lug term on mtg end; wax impr; one 415 mmf mica capacitor incl. |                     |         | 16-C-76503-4127        |                |                |                       | CRV  | 420951-502                 | CRV        | M-420951-502<br>sub 12      | RBB-3<br>RBC-3    |
| -472131               | COIL, RF: 8/7/47<br>oscillator; two windings, one universal wnd, one universal wnd in 3 pies; unshielded; 4" lg x 1 3/4" wd x 1 5/16" h o/a; polystyrene form, air core; coil form 5/8" OD x 2 25/32" lg; adjustable powdered iron core slug; screwdriver adjustment on center end opposite mtg end; two 0.154" diam mtg holes 1.312" c to c in form base; 6 solder lug term on mtg end; wax impr; one 630 mmf mica capacitor incl.   |                     |         | 16-C-76503-4475        |                |                |                       | CRV  | 420951-503                 | CRV        | M-420951-503<br>sub 12      | RBB-3<br>RBC-3    |
| -472132               | COIL, RF: 8/7/47<br>oscillator; single winding; single layer wnd; unshielded; 4" lg x 1 3/4" wd x 1 5/16" h o/a; polystyrene form; air core; coil form 1/2" OD x 2 25/32" lg; adjustable powdered iron core slug; screwdriver adjustment on center end opposite mtg end; two 0.154" diam mtg holes 1.312" c to c in form base; 6 solder lug term on mtg end; wax impr; one 980 mmf mica capacitor incl.                               |                     |         | 16-C-76634-3481        |                |                |                       | CRV  | 420951-504                 | CRV        | M-420951-504<br>sub 12      | RBB-3<br>RBC-3    |
| -472133               | COIL, RF: 8/7/47<br>oscillator; single winding; single layer wnd; unshielded; 4" lg x 1 3/4" wd x 1 5/16" h o/a; polystyrene form; air core; coil form 1/2" OD x 2 25/32" lg; adjustable powdered iron core slug; screwdriver adjustment on center end opposite mtg end; two 0.154" diam mtg holes 1.312" c to c in form base; 6 solder lug term on mtg end; wax impr; one 2000 mmf mica capacitor.                                   |                     |         | 16-C-76607-5661        |                |                |                       | CRV  | 420957-501                 | CRV        | M-420957-501<br>sub 10      | RBB-3<br>RBC-3    |
|                       |   |                     |         |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |         |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-516

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SHEET 47-517

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472134               | COIL, RF: 8/7/47<br>oscillator; single winding; single layer wind; unshielded; 4" lg x 1 3/4" wd x 1 5/16" h o/a; polystyrene form; air core; coil form 1/2" OD x 2 25/32" lg; adjustable powdered iron core slug; screwdriver adjustment on center end opposite mtg end; two 0.154" diam mtg holes 1.312" c to c in form base; 6 solder lug term on mtg end; wax impr; one 2700 mmf mica capacitor incl.     |                     |        | 16-C-76565-8135        |                |                |                       | CRV | 420957-502                 | CRV        | M-420957-502<br>sub 10      | RBB-3<br>RBC-3    |
| -472135               | COIL, RF: 8/7/47<br>oscillator; single winding; single layer wnd; unshielded; 4" lg x 1 3/4" wd x 1 5/16" h o/a; polystyrene form; air core; coil form 1/2" OD x 2 25/32" lg; adjustable powdered iron core slug; screwdriver adjustment on center end opposite mtg end; two 0.154" diam mtg holes 1.312" c to c in form base; 6 solder lug term on mtg end; wax impr; one 3000 mmf mica capacitor incl.      |                     |        | 16-C-76532-3585        |                |                |                       | CRV | 420957-503                 | JRV        | M-420957-503<br>sub 10      | RBB-3<br>RBC-3    |
| -472136               | COIL, RF: 8/7/47<br>oscillator; single winding; single layer wnd; unshielded; 4" lg x 1 3/4" wd x 1 5/16" h o/a; polystyrene form, air core; coil form 5/8" OD x 2 25/32" lg; adjustable powdered iron core slug; screwdriver adjustment on center end opposite mtg end; two 0.154" diam mtg holes 1.312" c to c in form base; 6 solder lug term on mtg end; one 2000 mmf mica capacitor incl.                |                     |        | 16-C-76520-6390        |                |                |                       | CRV | 420957-504                 | CRV        | M-420957-504<br>sub 10      | RBB-3<br>RBC-3    |
| -472137               | COIL, RF: 8/8/47<br>wave trap; single wnd, universal wnd in 3 pies; unshielded; 1 53/64" lg x 1 3/4" wd x 1 5/16" h o/a; polystyrene form, air core; coil form 1/2" OD x 31/32" lg; adjustable powdered iron core slug; screwdriver adjustment at center of base end; two 0.154" diam mtg holes 1.312" c to c; 4 solder lug term on mtg end; wax impr; one 500 mmf mica capacitor incl; 500 kc peak p/m 0.14. |                     |        | 16-C-76504-1503        | W16-T-18546    |                |                       | CRV | 856759-501                 | CRV        | K-856759-501<br>sub 8       | RBB-3<br>RBC-3    |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-517

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SHEET 47-518

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|----------------------------|-------------------|
| -472138               | COIL, RF: 8/12/47<br>plate tuning; single wnd, single layer wnd; unshielded; 52 turns of #22 AWG wire tapped at 6 turns; 3 1/16" lg x 1 1/2" diam, excluding term; phenolic form, air core; tuned by separate capacitor not incl; four 0.147" diam mtg holes spaced on 2.687" x 90 deg centers; 3 solder lug term on side; tropicalized.  |                     |        | 16-C-72666-1307        | N16-T-7018     |                | 3C370-88              | CRV  | 443897-501                 | CRV        | M-443897-501<br>sub 8      | AN/GRC-13         |
| -472139               | COIL, RF: 8/12/47<br>plate tuning; single wnd, single layer wnd; unshielded; 37 turns of #20 AWG wire tapped at 5 turns; 2 3/4" lg x 1.284" diam, excluding term; phenolic form, air core; tuned by separate capacitor not incl; four 0.147" diam mtg holes spaced on 2.375" x 60 deg centers; 3 solder lug term on side; tropicalized.   |                     |        | 16-C-72553-5515        | N16-T-7018-30  |                | 3C370-89              | CRV  | 443897-502                 | CRV        | M-443897-502<br>sub 8      | AN/GRC-13         |
| -472140               | COIL, RF: 8/12/47<br>plate tuning; single wnd, single layer wnd; unshielded; 22 1/4 turns of #22 AWG wire tapped at 3 turns; 24 1/64" lg x 1.036" diam, excluding term; phenolic form, air core; tuned by separate capacitor not incl; six 0.147" diam mtg holes in 2 groups of 3 ea spaced on 2.265" x 120 deg centers; 3 solder lug term on side; tropicalized.                 |                     |        | 16-C-72332-5614        | N16-T-7018-10  |                | 3C370-90              | CRV  | 443897-503                 | CRV        | M-443897-503<br>sub 8      | AN/GRC-13         |
| -472141               | COIL, RF: 8/12/47<br>plate tuning; single wnd, single layer wnd; unshielded; 27 turns of #18 AWG wire tapped at 2 3/4 turns; 2.937" lg x 0.6656" diam, excluding term; phenolic form, air core; tuned by separate capacitor not incl; two #4-40 thd x 11/32" d axial mtg holes 1 in ea end of form; 3 solder lug term on side; tropicalized.                                      |                     |        | 16-C-72391-3622        | N16-T-7018-20  |                | 3C370-91              | CRV  | 443897-504                 | CRV        | M-443897-504<br>sub 10     | AN/GRC-13         |
| -472142               | COIL, RF: 8/13/47<br>choke; single winding, single layer wound; unshielded; 20 microhenrys at 1000 cyc, 0.12 ohms DC resistance, current capacity of 1 amp; 5" lg x 1 9/16" wd x 2" h o/a; micarta form, air core; mts by term 0.180" diam holes spaced 1 1/8" apart located at one end of form; one solder lug term, and one #10-32 screw term; treated with insulating varnish. |                     |        | 16-C-73305-2099        |                |                |                       | CAY  | 7719454                    | CAY        | 7719454 rev 1              | SR-6              |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                            |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                            |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-518

**RESTRICTED**

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S D STOCK NO | A S D STOCK NO | SIGNAL CORP'S STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|------------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472143               | COIL, RF: 8/18/47<br>loading; single wnd; universal wnd; unshielded; inductance 625 microhenrys p/m 5% at 1 MC; 0.625" lg x 0.312" diam excl leads; powdered iron core form<br><br>Stackpole type G-1 with 1 1/2 turns of tape; coil form 0.200" diam x 0.625" lg; two 1 1/2" lg axial wire lead term; ea end of wnd soldered to ea end of wire lead term; Q-Max impr.   |                     |        | 16-C-74218-1085        |                |                |                        | CBEJ | A-13290                    | CEZ        | A-13290 1ee B               | AN/FPN-8          |
| -472144               | COIL, RF: 8/18/47<br>tuning; dual wnd, universal wnd; unshielded; term B to D 260 microhenrys inductance w/slug retracted and 340 microhenrys inductance w/slug at max adjustment, Q not less than 30; inside wnd term D to B 103 turns #34 AWG SS E wire tapped at 77 turns at term C, outside winding term A to wire lead 30 turns #34 AWG SS E wire; 1 61/64" lg x 3/4" diam excl term; molded phenolic form, air core; coil form 0.500" diam x 1" lg excl term board; tuning slug; screwdriver adjustment; single hole mtg bushing 1/4"-28 thd with #6-32 internal thd for tuning slug; 4 turret type term 9/32" h and 1 wire lead term; color coded; form and wnd Q-Max impr.<br><br>term, one near bottom and the other near center of form; freq 15 mc. |                     |        | 17-T-82445-1125        |                |                |                        | CBEJ | A-13291                    | CEZ        | A-13291 1ee 0               | AN/FPN-8          |
| -472145               | COIL, RF: 8/18/47<br>frequency selective trap; single wnd, universal wnd; unshielded; inductance 340 microhenrys p/m 3% at 1.46 mc; 1 1/16" lg x 9/16" wd x 1 1/8" h o/s; Stackpole iron core form with 3 layers of tape; coil form 3/8" diam x 1/2" lg; one #6-32 thd x 5/8" lg mtg bushing; two turret type term on end of term board; Q-Max impr.   |                     |        | 16-C-74066-5534        |                |                |                        | CBEJ | A-13160                    | CEZ        | A-13160 1ee A               | AN/FPN-8          |
| -472146               | COIL, RF: 8/18/47<br>pulse forming; 7 coils, 35 turns ea wnd in same direction; unshielded; ea inductance 8 microhenrys at 3 mc; 3 7/16" lg x 29/32" diam x 31/32" h o/s; nylon laminate form; form 1/4" diam x 3 7/16" lg; fuse clip mtd; 8 solder pin term; Q-Max impr.  |                     |        | 16-C-72669-1840        |                |                |                        | CBEJ | A-13127                    | CEZ        | A-13127 1ee B               | AN/FPN-8          |
|                       |  |                     |        |                        |                |                |                        |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

**RESTRICTED**

SHEET 47-520

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472147               | COIL, RF: 8/21/47<br>choke; single winding, single layer wound; unshielded; 3.8 microhenrys at 1000 cps, 0.60 ohms DC resistance, current capacity of 680 ma; 3 7/8" lg x 1 5/16" sq o/e; micarta form, air core; form 2 3/8" lg x 1 3/16" sq; single hole mtg with clearance hole for 5/16" bolt located at one end; one ring lug term and one #6-32 screw term; wax impr.  |                     |        | 16-C-72947-7812        |                |                |                       | CAY  | 7421503                    | CAY        | M-7421503 sub 1             | SR                |
| -472148               | COIL, RF: 8/26/47<br>choke; single wnd, pie universal wnd; BS cylindrical cadmium pl copper shield can; 2.7 millihenrys p/m 1 1/2" at 260 kc, Q is 160 at 260 kc; 1 1/2" diam x 2 5/16" h excl term; powdered iron core; mts by clamp not incl; two 13/32" lg solder lug term on bottom 7/8" c to c.   |                     |        | 16-C-74756-3676        |                |                |                       | CTN  | T-7912                     | CDI        | 400AC iss 1                 | QXB               |
| -472149               | COIL, RF: 8/26/47<br>oscillator; universal wnd, single sect pri and sec'd; BS cylindrical cadmium pl copper shield can; pri inductance 0.6 millihenrys p/m 2 1/2" at 320 kc with Q of 55, sec'd inductance 5.3 millihenrys p/m 2 1/2" at 108 kc with Q of 75, mutual inductance 0.93 millihenrys p/m 5/8" at 108 kc; 1 1/2" diam x 2 5/16" lg excl term; mts by clamp not incl; three 13/32" lg solder lug term on bottom 120 deg apart on 7/16" radius. |                     |        |                        |                |                |                       | CTN  | T-7913                     | CDI        | 400AD iss 1                 | QXB               |
| -472150               | COIL, RF: 8/27/47<br>IF tuning; single winding, single layer wound; unshielded; 22 turns, #26 double silk covered copper wire; 2 3/8" lg x 5/8" diam approx o/a dimensions with core fully extended; ceramic form with adjustable powdered iron core; coil form 5/8" diam x 1 1/2" lg o/e; screwdriver adjustment located on top end; 7/16"-14 thd x 5/16" lg mtg bushing; two solder lug  |                     |        |                        |                |                |                       | CIA  | A-6821-1                   | CIA        | A-6821-1 iss B              | OCZ               |
| -472151               | COIL, RF: 8/27/47<br>IF tuning; single winding, single layer wound; unshielded; 9 turns, #24 enamel wire; 2 3/8" lg x 5/8" diam approx o/a dimensions with core fully extended; ceramic form with adjustable powdered iron core; coil form 5/8" diam x 1 1/2" lg o/e; screwdriver adjustment located on top end; 7/16"-14 thd x 5/16" lg mtg bushing; two solder tab term, one near bottom and the other near center of form; freq 30 mc.                |                     |        |                        |                |                |                       | CIA  | A-6821-2                   | CIA        | A-6821-2 iss B              | OCZ               |

SHEET 47-520

**RESTRICTED**

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

**RESTRICTED**

SHEET 47-521

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472152               | COIL, RF: 8/27/47<br>choke; single winding, single layer wound; unshielded; 1.7 microhenry; 25 turns #24 E wire wound on composition resistor (5 megohms 2 watts); 0.875" lg x 5/16" diam o/s; two pigtail axial wire leads.   |                     |        |                        |                |                |                       | CIA  | A-6702                     | CIA        | A-6702 1ea 0                | OCZ               |
| -472153               | COIL, RF: 5/28/47<br>filter choke; single multi-layer winding; universal vnd; unshielded; 161 millihenrys p/m 5% at 1 kc, self resonant at 170 kc p/m 10%; 400 ohms p/m 10% DC resistance; 1 11/16" lg x 1 3/8" diam o/s; powdered iron core, phenolic mtg base; one #4-40 thd x 5/16" lg mtg stud; two solder lug term on phenolic mtg base; winding impr by Foster method.   |                     |        |                        | N16-C-13160-41 |                |                       | CAQI | L1-L101                    | CAQI       | L1-159 1ea 0                | TS-535/U          |
| -472154               | COIL, RF: 9/8/47<br>two windings, single layer wound; unshielded; one winding 15 turns #29 AWG "E" wire; other 12 turns #29 AWG "E" wire; molded phenolic form, solid; form 5/16" diam, "U" shaped 1 1/8" lg x 19/32" h, excluding studs; mts by two #4 (0.112")-40 x 9/32" lg threaded studs molded in on 7/8" mtg/c; four radial wire leads.                                 |                     |        | 17-T-82064-6491        |                |                |                       | CW   | BR-76032-2                 | CW         | BR-76032-2 1ea 6            | MK-25 Mod2        |
| -472155               | COIL, RF: 9/8/47<br>two windings, single layer wound; unshielded; one winding 16 turns #29 AWG "E" wire; other 12 turns #29 AWG "E" wire; molded phenolic form, solid; form 5/16" diam, "U" shaped 1 1/8" lg x 19/32" h, excluding studs; mts by two #4 (0.112")-40 x 9/32" lg threaded studs molded in on 7/8" mtg/c; four radial wire leads.                                 |                     |        | 17-T-82064-6495        |                |                |                       | CW   | BR-76032-4                 | CW         | BR-76032-4 1ea 6            | MK-25 Mod2        |
| -472156               | COIL, RF: 9/9/47<br>choke; 2 vnd; bifilar single layer RF close vnd; unshielded; 25 turns #28 AWG wire ea vnd; 2 9/32" lg x 1.320" wd x 1.320" d o/s; laminated phenolic form, air core; form 1/2" OD x 2" lg; two 0.147" diam mtg holes on 9/16" mtg/c equally spaced 5/32" from edge of term board, 5 solder lug term, 2 on mtg end, 3 on opposite end; max impr and dipped. |                     |        | 16-C-72665-4959        | N16-C-13143    |                |                       | CRV  | M-421251-502               | CRV        | M-421251-502 sub 8          | RBB-3<br>RBC-3    |
| -472157               | COIL, RF: 9/18/47<br>choke; universal winding, 4 pies; unshielded; 2.5 millihenrys at 1000 cps, 125 ma, 60 ohms DC resistance; 2 3/8" lg x 7/16" diam o/s; ceramic form, air core; one #6-32 thd x 2 3/8" lg axial mtg stud ends of which are used as terminals.   |                     |        | 16-C-74727-6714        |                |                |                       | CAJ  | 34104                      | CER        | AA166 1ea 0                 | OCQ               |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

SHEET 47-521

**RESTRICTED**

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

**RESTRICTED**

SHEET 47-522

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472158               | COIL, RF: 9/18/47<br>choke; single winding, bank wnd; unshielded; 120 turns #16 enameled copper wire; 1 3/4" lg x 3/4" diam excl leads; no form, air core; mts by two 1 1/8" lg wire lead term, one ea end.   |                     |        | 16-C-72667-2082        |                |                |                       | CLG | T-27-B1                    | CHR        | AA191 188 0                 | OCQ               |
| -472159               | COIL, RF: 9/19/47<br>osc; 1 wnd, 4 pie universal wnd; shielded rectangular aluminum can w/cap; 186 turns #30-44 Litz wire; 3 37/64" lg x 1 13/32" wd x 1 13/32" h less term; polystyrene bakelite form, powdered iron core slug; 2 3/16" lg x 1/2" OD form; adj iron core; scdr adj through top of can; mts by two #6-32 thd mtg studs on 0.152" x 1.312" mtg/c; 6 solder lug term on bottom 3 used, one ins wire lead term 9" lg near top; shield marked "R-332, R-353, G-303, 720561-508"; incl one 100 muf fixed mica capacitor, one 27000 ohm resistor, one 68000 ohm resistor, wax impr. |                     |        | 16-C-76504-4967        | N16-T-7002-20  |                |                       | CRV | P-720561-508               | CRV        | P-720561-508 sub 16         | RBB-3<br>RBC-3    |
| -472160               | TRANSFORMER, RF: 9/19/47<br>input transf, let, 2nd, and 3rd IF; 2 wnd, ea 3 pie universal wnd; shielded rectangular aluminum can w/cap; peak freq 400 kc; 4" lg x 1 3/4" wd x 1 3/8" d excluding term, scdr adj; powdered iron core slug, bakelite form; adj iron cores, double tuned; mts by two #6-32 thd mtg studs 0.152" x 1.312" mtg/c; 6 solder lug term on bottom; incl one 10 ohm and one 22 ohm resistors, two 500 muf mica fixed capacitors.  |                     |        | 17-T-67569-9653        | N16-T-6001     |                |                       | CRV | 720561-507                 | CRV        | 720561-507 sub 16           | RBB-3<br>RBC-3    |
| -472161               | TRANSFORMER, IF: 10/9/47<br>137.5 kc; interstage; shielded; 1 15/16" lg x 1 1/2" wd x 3 1/2" h excl term and mtg studs; adjustable powdered iron core; double tuned; tuned by adjustable iron cores; mts by two #6-32 thd x 3/8" lg spade bolts on bottom 2" c to c; 4 wire lead term color coded; incl two 370 muf p/m 5% silver mica capacitors.  |                     |        |                        |                |                |                       | CEM | 1013-3040                  | CEM        | 1013-3040 alt 6             | WPA-1             |
| -472162               | COIL, RF: 10/9/47<br>choke; single wnd, universal wnd; unshielded; 70 turns #24 AWG ES wire; 1" lg x 15/16" wd x 41/64" d, o/s; lam thermosetting plastic form, air core; mts by 0.120" diam axial hole through form; two 5/32" lg standoff term spaced 11/16" c to c in integral term board; wax impr.   |                     |        | 16-C-72666-3820        | N16-C-13036-10 |                | 30370-87              | CRV | 8859483-501                | CRV        | 8859483-501 sub 6           | AN/CRC-13         |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

SHEET 47-522

**RESTRICTED**

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1



RESTRICTED

SHEET 47-523

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DRAWING NUMBER | JAN NO | FEDERAL STOCK NO | E S A STOCK NO | A S O STOCK NO | SIGNAL CORP STOCK NO | MFR  | MFR NO | CONTRACTOR | CONTRACTOR'S DRG OR PART NO | EQUIPMENT USED IN          |
|-----------------------|--|---------------------|--------|------------------|----------------|----------------|----------------------|------|--------|------------|-----------------------------|----------------------------|
| -472163               | COIL, RF: 10/17/47<br>tuning; single pie universal wnd; unshielded; 40 ohms DC resistance; 875 turns #34 AWG wire, single silk enamel; 1 3/4" lg x 1 3/32" wd x 1 15/32" h o/a; tubular fish paper form 1 5/32" lg x 0.431" OD; adj iron core 5/8" lg x 0.375" diam with brass stud 1 5/16" lg x 6-32NC-2 thd; screwdriver adj; mts by brass bkt with two legs ea with one 0.140" diam mtg hole on 1 7/16" ctr; 3 solder lug term on paper base phenolic term board 1 17/32" lg x 5/8" wd x 1/16" thk; phenolic impregnated. |                     |        | 16-C-76511-7185  |                |                |                      | CZL  | 454866 | CZL        | 454866 chg A                | NGB                        |
| -472164               | COIL, RF: 10/22/47<br>choke; single wnd, single pie, universal wnd; rectangular aluminum shield can; 1900 turns of #34 ES wire; 35 mh inductance at 50 kc p/m 2 kc, 80 ohms DC resistance, 15 ma; 1 3/8" lg x 1 3/8" wd x 2 5/8" h excl term, mtg studs end tuning adjustment; powdered iron core, polystyrene form; adjustable iron core tuned; screwdriver adjustment through top of can; two #6-32 thd x 1/4" lg mtg studs on bottom 1.406" c to c; 4 solder lug term on bottom.  |                     |        | 16-C-76794-1072  |                |                |                      | CADH | XP-387 | CZL        | 454879 chg C                | NGB<br>NGB-1 thru<br>NGB-3 |
| -472165               | COIL, RF: 10/22/47<br>choke; single wnd, single pie, universal wnd; rectangular aluminum shield can; 1200 turns of #34 SSE wire; set at 35 millihenrys, 50 kc p/m 2 kc, 80 ohms DC resistance; 1 3/8" lg x 1 3/8" wd x 2 7/8" h excl term, mtg studs end tuning adjustment; powdered iron core, polystyrene form; adjustable iron core tuned; screwdriver adjustment through top of can; two #6-32 thd x 1/4" lg mtg studs on bottom 1.406" c to c; 4 solder lug term on bottom.   |                     |        | 16-C-76794-1069  |                |                |                      | CADH | XP-388 | CZL        | 454890 chg C                | NGB<br>NGB-1 thru<br>NGB-3 |
| -472166               | COIL, RF: 10/22/47<br>choke; multilayer wnd; unshielded; 50 microhenrys at 1.5 mc, 0.050 ohms DC resistance at 25°C, 5 amp; 1 1/4" lg x 1 1/16" OD max excl leads; alatin #520 mix core; mts by two 5/8" lg axial wire lead term.  |                     |        | 16-C-73567-9279  |                |                |                      | CADH | XP-543 | CZL        | 466908 chg D                | NGB<br>NGB-1 thru<br>NGB-3 |
|                       |  |                     |        |                  |                |                |                      |      |        |            |                             |                            |
|                       |  |                     |        |                  |                |                |                      |      |        |            |                             |                            |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-523

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SHEET 47-524

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO   | EQUIPMENT USED IN          |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-------------------------------|----------------------------|
| -472167               | COIL, RF: 10/22/47<br>choke; single layer wnd; unshielded; 1.3 microhenrys at 7 mc, 0.002 ohms max DC resistance, 1.5 amps; 2 1/2" lg x 11/16" OD o/a; no form, eladin #520 mix core; 1 1/4" lg x 3/8" diam core; mts by two solder lug term at ends of coil leads, solder lugs located 2 1/8" c to c.   |                     |        | 16-C-72803-5441        |                |                |                       | CADH       | XP-542                     | CZL        | 468295 chg 0                  | NGB<br>NGB-1 thru<br>NGB-3 |
| -472168               | COIL, RF: 10/22/47<br>choke; 2 windings; unshielded; 20 microhenrys min at 200 kc ea coil, 0.005 ohms max DC resistance at 25°C ea coil; core 1 7/8" lg x 1 7/8" wd x 5/8" thk; powder iron core; 4 solder lug term; two #6-32 thd screws on 1 3/8" mtg/c used to hold core together, may be removed for mtg purposes.   |                     |        | 16-C-75862-3288        |                |                |                       | CADR       | XP-541                     | CZL        | 468338 chg B                  | NGB<br>NGB-1 thru<br>NGB-3 |
| -472169               | TRANSFORMER, IF: 11/6/47<br>455 kc; input, output and/or interstage; shielded; 4 3/8" lg x 1 1/4" wd x 1 1/4" h o/a; powdered iron core; double tuned; adjustable iron core tuning; mts by two #6-32 thd x 5/16" lg mtg studs on 1 end 7/8" c to c; 4 glass bonded solder lug term on mtg end; 2 removable gasket sealed tuning adj screw caps, 1 ea end; incl two 39 mmf p/m 2%, 5000 vdv; silver mica capacitor. |                     |        | 17-T-67634-4151        |                |                |                       | CMA<br>CWI | SA-4335<br>125-035-1       | CMA        | SA-4335 sub 1                 | TS-318/UP                  |
| -472170               | COIL, RF: 11/10/47<br>choke; single wnd, multi-layer wnd; unshielded; 72 microhenries, 10 amp, DC resistance negligible; 1" diam x 1" lg, excluding term; paper tube form, powdered iron core; mts by #8 screw through ctr of iron core; 2 wire lead term; moistureproof treated.  |                     |        | 16-C-73649-2987        |                |                |                       | CMA<br>CWI | A-144945<br>85-052         | CMA        | A-144945 rev 2                | TS-318/UP                  |
| -472171               | COIL, RF: 11/10/47<br>choke; single winding, universal wound; unshielded; 300 microhenrye, 0.5 amp, 2.5 ohms DC resistance; 27/32" h x 1 1/16" diam excl lugs; ceramic form, air core; form 1/2" diam with 1 1/16" diam base flange; mts by #6-32 thd screw, not incl, through center of form; 2 solder lug term on base flange 180 deg apart on 3/4" radius; fungicide treated, moisture proofed.                 |                     |        | 16-C-75709-5785        |                |                |                       | CJA<br>CWI | 85-047-101                 | CJA<br>CWI | K34200-3 1es 0<br>E1579 rev 0 | TS-318/UP                  |
|                       |  |                     |        |                        |                |                |                       |            |                            |            |                               |                            |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-524

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SHEET 47-525

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO    | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|--------------------------------|-------------------|
| -472172               | COIL, RF: 11/10/47<br>choke; single winding, multi-layer wound; unshielded; 50 microhenrys, 0.75 amp, 0.2 ohms DC resistance; 27/32" h x 1 1/16" diam excl lugs; ceramic form, air core; form 1/2" diam with 1 1/16" diam base flange; mts by #6-32 thd screw through center of form; 2 solder lug term on base flange 180 deg apart on 3/4" radius; fungicide treated, moisture proofed.  |                     |        | 16-C-73550-7239        |                |                |                       | CJA<br>CWI | 85-053-101                 | CJA<br>CWI | E34200-2 1ss 0<br>E-1580 rev 0 | TS-318/UP         |
| -472173               | TRANSFORMER, RF: 11/10/47<br>2 windings, univereal wnd; ES rectangular zinc alloy, lacquer coated shield can; pri 581 turns #36 ES wire, secd 83 turns of #10/44 ES wire; 13/16" lg x 13/16" wd x 2 9/32" h excl term and tuning adjustment; phenolic form, powdered iron core secd; screwdriver adjustment through top of can; 2 mtg inserts threaded for #2-56 screws, 17/32" c to c; 4 glass bonded solder lug term on bottom; removable gasket sealed cap over adjustment screw on top; tropicalized; incl a 15 mmf p/m 10% ceramic capacitor. |                     |        | 17-T-81557-8091        |                |                |                       | CFW<br>CWI | 13900<br>125-028-101       | CFW        | 13900 rev B                    | TS-318/UP         |
| -472174               | COIL, RF: 11/10/47<br>oscillator; single winding, univereal wnd; ES rectangular zinc alloy, lacquer coated shield can; 66 turns, tapped at 6 1/2 turns, #36 ES wire; 13/16" lg x 13/16" wd x 2 9/32" h excl term and tuning adjustment; phenolic form, tuned powdered iron core; screwdriver adjustment through top of can; 2 mtg inserts for #2-56 screws, 17/32" c to c; 4 glass bonded solder lug term on bottom; removable gasket sealed cap over adjustment screw on top; tropicalized; incl 2 470 mmf p/m 1% capacitor.                      |                     |        | 16-C-76646-4765        |                |                |                       | CFW<br>CWI | 13903<br>125-029-101       | CFW        | 13903 rev C                    | TS-318/UP         |
| -472175               | COIL, RF: 11/10/47<br>choke; 4 pie univereal wnd; unshielded; 2.5 millihenries; 125 ma, 69.1 ohms DC resistance; 3/8" OD x 3/4" lg, excluding term; molded phenolic dowel form and core; mts by #22 axial tinned copper wire term on ea end; moistureproofed.  |                     |        | 16-C-74651-1009        |                |                |                       | CFW<br>CWI | 13666F<br>85-039-101       | CFW        | 13666F rev A                   | TS-318/UP         |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-525

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SHEET 47-586

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472176               | TRANSFORMER, RF: 11/10/47<br>RF transf; pri and secd single layer wnd; unshielded; pri 2 turns #24 E copper wire over bottom end of secd, secd 50 turns #26 E copper wire; 1 3/16" OD x 2" lg excluding adj screw and bushing; ceramic form, iron core; 1 1/2" lg x 1/2" OD approx; adj iron core; ecdr adj on end of form; single hole mtg w/ 7/16"-20 thd x 9/32" lg mtg bushing; 4 double solder lug term on phenolic term board; no-turn device, flat on thd end of ceramic form.                    |                     |        | 17-T-82436-6569        |                |                |                       | CWI | 21052-1                    | CWI        | 21052 1ss 1                 | TS-316/UP         |
| -472177               | COIL, RF: 11/10/47<br>antenna series; 3 pie sections, universal wnd; unshielded; #15-44 silk covered enameled Litz wire; 16 microhenrys per pie in air; phenolic form, iron core; 1 15/16" lg x 1 1/4" diam excl tuning screw; adjustable iron core tuning, screwdriver adjustment; 2 mtg inserts threaded for #4-40 screws on term board, 29/32" c to c; 4 double solder lug term located on phenolic board secured to coil form.   |                     |        | 16-C-76654-4061        |                |                |                       | CWI | 21091-1                    | CWI        | 21091 1ss 1                 | TS-318/UP         |
| -472178               | COIL, RF: 11/10/47<br>oscillator; 2 windings; unshielded; pri 128 turns #34 enameled copper wire tapped at 42 and 92 turns, secd 7 turns #30 enameled copper wire over pri winding at 92nd turn; 2 1/8" lg x 1 1/8" diam excl tuning screw; ceramic form, adjustable iron core; tuned by screwdriver adjustment through form; single hole mtg by 7/16"-20 thd x 5/16" lg mtg bushing; phenolic term board w/ 6 double solder lug term cemented to form; no-turn device, flat on thd end of ceramic form. |                     |        | 17-T-82438-2043        |                |                |                       | CWI | 3848-1                     | CWI        | 3848 1ss 0                  | TS-318/UP         |
| -472179               | COIL, RF: 11/19/47<br>RF choke; 1 wnd, 2 pie universal wnd; unshielded, bakelite case; rated 220 millihenries at 1000 cyc, 1000 ohms DC resistance; ea pie c/o 2600 turns; 1 5/16" lg x 1" diam o/a excluding term and mtg stud 1 3/4" excluding term; maple plug form, air core; mts by one #6-32 thd stud through ctr of form; 2 solder lug term on bottom of case.  |                     |        | 16-C-75660-9561        |                |                |                       | CNA | SA2779                     | CJF        | A-511573 1ss 0              | NOber-30083       |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-526

**RESTRICTED**

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SHEET 47-527

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472180               | COIL, RF: 11/20/47<br>choke; 1 wnd, universal wnd; unshielded; apparent inductance 35.1 micro h p/m 2%, actual inductance 33.8 micro h at 2 mc, approx 4 ohms DC resistance; 77 turns #38 AWG copper, E, wire; 5/8" lg x 3/8" OD excluding leads; dummy resistor core; form 3/16" OD x 5/8" lg; mtd by 1 1/2" lg axial wire lead ea end; 2 wire lead term; 8 mmf distributed cap. | BuOrd<br>684871     |        | 16-C-73-45-4627        |                |                |                       | CBM  | 1000A-416                  |            |                             | Mk 47             |
| -472181               | COIL, RF: 10/20/47<br>choke; 1 wnd, universal wnd; unshielded; apparent inductance 46.1 microhenries p/m 2% actual inductance 44.1 microhenries at 2 mc, 7.65 ohms DC resistance; 83 turns #3-41 copper, E, wire; 5/8" lg x 11/32" OD w/o leads; dummy resistor core; form 3/16" OD x 5/8" lg; mts by term; 2 axial wire lead term 1 1/2" lg; 7 mmf distributed capacity.         | BuOrd<br>684872     |        |                        |                |                |                       | CBIA | 124                        | CBM        | 1000A-417                   | Mk-47             |
| -472182               | COIL, RF: 11/20/47<br>choke; 1 wnd, universal wnd; unshielded; apparent inductance 42.2 microhenries p/m 2%, actual inductance 40.3 microhenries at 2 mc, 7.5 ohms DC resistance; 81 turns #3-41 copper, E, wire; 5/8" lg x 11/32" OD w/o leads; dummy resistor core; form 3/16" OD x 5/8" lg; mts by term; 2 axial wire lead term 1 1/2" lg; 7 mmf distributed capacity.         | BuOrd<br>684873     |        |                        |                |                |                       | CBIA | 125                        | CBM        | 1000A-418                   | Mk-47             |
| -472183               | COIL, RF: 11/20/47<br>choke; 1 wnd, universal wnd; unshielded; apparent inductance 43.6 microhenries p/m 2% actual inductance 42.0 microhenries at 2 mc, 7.6 ohms DC resistance; 82 turns #3-41 copper, E, wire; 5/8" lg x 11/32" OD, w/o leads; dummy resistor core; form 3/16" OD x 5/8" lg; mts by term; 2 axial wire lead term 1 1/2" lg; 6 mmf distributed capacity.         | BuOrd<br>684874     |        |                        |                |                |                       | CBIA | 126                        | CBM        | 1000A-419                   | Mk-47             |
| -472184               | COIL, RF: 4/20/49<br>resistor and coil; 5/8" lg excluding term x 7/16", o/a; 72 turns #34 DSE wire, inductance 35 microhenries at 1000 cyc, wnd on 1800 ohms, 1/2w resistor; uncased; mts by 1/2" lg axial wire term at ea end; 2 axial wire lead term; p/o Navy Type 43ADC Radar Transmitter Receiver Mark 4 Mod 0.  |                     |        | 16-S-89777-4411        |                |                |                       | CBM  | 1000A-231                  |            |                             | Mk-39 Mod3        |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-527

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SHEET 47-528

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472185               | COIL, RF: 11/25/47<br>tuning; 1 progressive wnd; unshielded; 74 1/2 turns #10-42 Litz wire; 13/32" diam x 1 47/64" lg, term extends 0.146" from collar, excluding tuning slug; lam phenolic form, powdered iron core; form 5/16" OD x 1 23/32" lg; adj core; scdr adj stud ctr 1 end; term mtd; 2 solder lug term projecting 1/8" from opposite sides ea end; wax impr, color coded red and green.               |                     |        | 16-C-76503-3347        |                |                | 3C108426-2            | CRV | P-737945-501<br>sub 8      |            |                             | AN/GRC-13         |
| -472186               | COIL, RF: 11/25/47<br>tuning; 1 single layer wnd; unshielded; 43 1/2 turns #10-42 Litz wire; 2 1/32" lg x 13/32" diam, excluding term, term extends 0.146" from collar; lam phenolic form, powdered iron core; form 0.312" OD x 1 23/32" lg; adj powdered iron core; scdr adj stud ctr 1 end; term mtd; 2 solder lug term projecting 1/8" from opposite sides ea end; wax impr, color coded white and brown.     |                     |        | 16-C-76482-4256        |                |                | 3C108426-3            | CRV | P-737945-502<br>sub 4      |            |                             | AN/GRC-13         |
| -472187               | COIL, RF: 11/25/47<br>tuning; 1 single layer wnd; unshielded; 32 1/2 turns #25 AWG wire; 1 47/64" lg x 13/32" diam, excluding slug, term extends 0.146" from collar; lam phenolic form, powdered iron core; form 5/16" OD x 1 23/32" lg; adj powdered iron core; scdr adj stud ctr 1 end; term mtd; 2 solder lug term projecting 1/8" from opposite sides ea end; wax impr, color coded blue and green.          |                     |        | 16-C-76449-5698        |                |                | 3C108426-4            | CRV | P-737945-503<br>sub 8      |            |                             | AN/GRC-13         |
| -472188               | COIL, RF: 11/26/47<br>tuning; 1 single layer wnd; unshielded; 19 1/2 turns #25 AWG wire; 1 47/64" lg x 13/32" diam, excluding tuning slug, term extends 0.146" from collar; lam phenolic form, powdered iron core; form 5/16" OD x 1 23/32" lg; adj powdered iron core; scdr adj stud ctr 1 end; term mtd; 2 solder lug term projecting 1/8" from opposite sides ea end; wax impr, color coded yellow and green. |                     |        | 16-C-76415-7768        |                |                | 3C108426-13           | CRV | P-737945-504<br>sub 8      |            |                             | AN/GRC-13         |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-528

**RESTRICTED**

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SHEET 47-529

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472189               | COIL, RF: 11/26/47<br>tuning; single progressive wnd; unshielded; 72 1/2 turns #10-42 Litz wire; 1 47/64" lg x 13/32" diam, excluding tuning slug, term extends 0.146" from collar; lam phenolic form, powdered iron core; form 5/16" OD x 1 23/32" lg; adj powdered iron core; scdr adj stud ctr 1 end; term mtd; 2 solder lug term projecting 1/8" from opposite sides ea end; wax impr, color coded black and green. |                     |        | 16-C-76503-3158        |                |                | 3C108426-5            | CRV  | P-737945-505<br>sub 8      |            |                             | AN/GRC-13         |
| -472190               | COIL, RF: 11/28/47<br>tuning; 1 single layer wnd; unshielded; 38 1/2 turns #10-42 Litz wire; 1 47/64" lg x 13/32" diam, excluding term, term extends 0.146" from collar; lam phenolic form, powdered iron core; form 5/16" OD x 1 23/32" lg; adj powdered iron core; scdr adj stud ctr 1 end; term mtd; 2 solder lug term projecting 1/8" from opposite sides ea end; wax impr, color coded brown and green.            |                     |        | 16-C-76472-7788        |                |                | 3C108426-6            | CRV  | P-737945-506<br>sub 8      |            |                             | AN/GRC-13         |
| -472191               | COIL, RF: 11/28/47<br>tuning; 1 single layer wnd; unshielded; 31 1/2 turns #25 AWG wire; 2 1/32" lg x 13/32" diam, excluding term, term extends 0.146" from collar; lam phenolic form, powdered iron core; form 0.132" OD x 1 23/32" lg; adj powdered iron core; scdr adj stud ctr 1 end; term mtd; 2 solder lug term projecting 1/8" from opposite sides ea end; wax impr, color coded orange and green.               |                     |        | 16-C-76445-7801        |                |                | 3C108426-7            | CRV  | P-737945-507<br>sub 4      |            |                             | AN/GRC-13         |
| -472192               | COIL, RF: 12/1/47<br>tuning; 1 single layer wnd; unshielded; 20 1/2 turns #25 AWG wire; 2 1/32" lg x 13/32" diam, excluding term, term extends 0.146" from collar; lam phenolic form, powdered iron core; form 0.312" OD x 1 23/32" lg; adj powdered iron core; scdr adj stud ctr 1 end; term mtd; 2 solder lug term projecting 1/8" from opposite sides ea end; wax impr, color coded red and black.                   |                     |        | 16-C-76421-8511        |                |                | 3C108426-8            | CRV  | P-737945-508<br>sub 4      |            |                             | AN/GRC-13         |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-529

**RESTRICTED**

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SHEET 47-530

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472193               | COIL, RF: 12/1/47<br>tuning; 1 single progressive wnd; unshielded; 76 1/2 turns #10-42 Litz wire; 1 47/64" lg x 13/32" diam, excluding tuning slug, term extends 0.146" from collar; lam phenolic form, powdered iron core; form 5/16" OD x 1 23/32" lg; adj powdered iron core; scdr adj stud ctr 1 end; term mtd; 2 solder lug term projecting 1/8" from opposite sides ea end; wax impr, color coded yellow and black. |                     |        | 16-C-76503-3547        |                |                | 3C108426-9            | CRV  | P-737945-509<br>sub 8      |            |                             | AN/GRC-13         |
| -472194               | COIL, RF: 12/1/47<br>tuning; 1 single layer wnd; unshielded; 42 1/2 turns #10-42 Litz wire; 1 47/64" lg x 13/32" diam, excluding tuning slug, term extends 0.146" from collar; lam phenolic form, powdered iron core; form 5/16" OD x 1 23/32" lg; adj powdered iron core; scdr adj stud ctr 1 end; term mtd; 2 solder lug term projecting 1/8" from opposite sides ea end; wax impr, color coded brown and black.        |                     |        | 16-C-76478-7788        |                |                | 3C108426-10           | CRV  | P-737945-510<br>sub 8      |            |                             | AN/GRC-13         |
| -472195               | COIL, RF: 12/1/47<br>tuning; 1 single layer wnd; unshielded; 31 1/2 turns #25 AWG wire; 1 47/64" lg x 13/32" diam, excluding tuning slug, term extends 0.146" from collar; lam phenolic form, powdered iron core; form 5/16" OD x 1 23/32" lg; adj powdered iron core; scdr adj stud ctr 1 end; term mtd; 2 solder lug term projecting 1/8" from opposite sides ea end; wax impr, color coded orange and black.           |                     |        | 16-C-76445-7788        |                |                | 3C108426-11           | CRV  | P-737945-511<br>sub 8      |            |                             | AN/GRC-13         |
| -472196               | COIL, RF: 12/1/47<br>tuning; 1 single layer wnd; unshielded; 18 1/2 turns #25 AWG wire; 2 1/32" lg x 13/32" diam, excluding term, term extends 0.146" from collar; lam phenolic forms, powdered iron core; form 0.312" OD x 1 23/32" lg; adj powdered iron core; scdr adj stud ctr 1 end; term mtd; 2 solder lug term projecting 1/8" from opposite sides ea end; wax impr, color coded red and blue.                     |                     |        | 16-C-76415-3301        |                |                | 3C108426-12           | CRV  | P-737945-512<br>sub 4      |            |                             | AN/GRC-13         |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-530

**RESTRICTED**



**RESTRICTED**

SHEET 47-531

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472197               | <p>COLL, RF: 12/1/47</p> <p>tuning; 4 pie universal wnd, 1 wnd; unshielded; 20 turns #30-44 Litz wire per pie, 80 turns total; 1 13/16" lg x 7/16" diam, excluding term, term extends 1/8" approx from collar; lam phenolic form, powdered iron core; form 5/16" OD x 1" lg; adj core; scdr adj stud ctr mtg end; mtg bushing 1/4"-32 thd x 1/4" lg on 1 end; 2 solder lug term projecting from side at end opposite mtg end; wax impr.</p>  |                     |        | 16-C-76503-3869        |                |                | 30108426-1            | CRV  | M-446666-501<br>sub 6      |            |                             | AM/CRC-13         |
| -472198               | <p>TRANSFORMER, RF: 1/24/49</p> <p>tuning coil A, 9.5 to 30 kc; 2 wnds, 1 wnd incl 4 separate random wnd coils all series connected, other single random wnd; unshielded; plate wnd incl 4 coils 700 turns ea, 2800 turns total #36 AWG E wire, grid wnd 250 turns #36 E wire; 1 9/16" lg x 2" diam o/a; ceramic form, powdered iron core not incl; mts by four 0.149" diam holes 90 deg apart on 3/8" rad through ctr form; 4 solder lug term on side of form, tinned; coil marked "#1, 2, 3, 4 on side and #213-10 L-141" top of coil w/rubber stamp; spcl coil, wax impr, 600v, DC test plate to grid wnd, can be tuned by adj iron core, but is not supplied w/coil; p/o Navy Type 60006-A Signal Generator.</p> |                     |        | 16-C-75832-8693        |                |                |                       | CFD  | 213-10-1                   |            |                             | LP-5              |
| -472199               | <p>TRANSFORMER, RF: 1/24/49</p> <p>tuning coil, 30 to 95 kc; 2 wnd, 1 wnd incl 4 separate random wnd coils, other single random wnd; unshielded; plate wnd c/o 4 coils 217 turns ea, 868 total turns of #32 DE wire, grid wnd 90 turns #35 DE wire; 1 9/16" lg x 2" diam, o/a; ceramic form, powdered iron core, slotted core not incl; mts by four 0.149" diam holes 90 deg apart on 3/8" rad through ctr of form; 4 solder tinned lug term cemented in form base; coil marked "1, 2, 3, 4 on side and #213-20 L-142" top of coil w/rubber stamp; spcl coil, wax impr, 600v DC test plate to grid wnd; p/o Navy Type 60006-A Signal Generator.</p>  |                     |        | 17-T-82088-1097        |                |                |                       | CFD  | 213-20-1                   |            |                             | LP-5              |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-531

**RESTRICTED**

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SHEET 47-532

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|-----------------------------|-------------------|
| -472200               | <p>TRANSFORMER, RF: 1/24/49</p> <p>tuning coil 95 to 300 kc; 2 wnd, 1 wnd c/o 4 separate random wnd coils all series connected, other coil random wnd; unshielded; plate wnd c/o 2 coils #1 and #4, 60 turns ea 2 coils #2 and #3, 70 turns ea of #32 DS wire, grid wnd; 1 9/16" lg x 2" diam o/s; ceramic slotted form, powdered iron core not incl; mts by four 0.149" diam holes 90 deg apart on 3/8" rad through ctr of form; 4 tinned solder lug term base of form; coil marked #1, 2, 3, 4 on side and #213-30 L-143 top of coil w/rubber stamp; spcl coil, wax impr, 600v, DC test pl to grid wnd, can be tuned by adj iron core w/scdr adj, but is not supplied w/coil; p/o Navy Type 60006-A Signal Generator.</p> |                     |        | 16-C-75831-2716        |                |                |                       | CFD | 213-30-1                   |                             | LP-5              |
| -472201               | <p>TRANSFORMER, RF: 1/19/49</p> <p>tuning coil, 300 to 950 kc; 2 wnds, 1 wnd c/o 2 separate random wnd coils connected in series, other coil random wnd; unshielded; plate wnd c/o 69 turns #28 DS wire, grid wnd c/o 20 turns #28 DS wire; 1 9/16" lg x 2" diam o/s; prestite ceramic form slotted, w/powdered iron core not incl; mts by four 0.149" diam holes 90 deg apart on 3/8" rad through ctr of form; 4 tinned solder lug term base of form; coil marked "#1, 2, 3, 4 on side and #213-40 L-144" top of coil w/rubber stamp; spcl coil, wax impr, 600v, DC test plate to grid wnd, can be tuned by adj, iron core w/scdr adj but is not supplied w/coil; p/o Navy Type 60006-A Signal Generator.</p>              |                     |        | 16-C-75814-7001        |                |                |                       | CFD | 213-40-1                   |                             | LP-5              |
| -472202               | <p>COIL, RF: 12/3/47</p> <p>dummy ant; 1 wnd, single layer wnd; unshielded; 20 microhenries at 1000 cps; 57 turns #34 AWG DS covered copper wire; 1" lg x 1/2" OD, less term; phenolic form, air core; form 1" lg x 7/16" OD; term mtd; 2 wire lead term 5/8" lg; distributed cap at 4.99 and 2.495 mc is 3 mmf.</p>  |                     |        | 16-C-73293-4893        |                |                |                       | CFD | 210-9-1 las 1              |                             | LP-5              |
|                       |   |                     |        |                        |                |                |                       |     |                            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-532

**RESTRICTED**

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SHEET 47-533

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E E O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472203               | COIL, RF: 12/3/47<br>choke; 2 wnd, single layer wnd; unshielded; 22 micro hy, 1.2 ohms, 42 ma, 1000 cyc ea sect; 70 turns #32 AWG E copper wire ea sect; 3 1/4" lg x 3/8" OD less term; phenolic form air core; 3 1/4" lg x 3/8" OD form; term mtd; 4 solder lug term riveted to form; fungusproof wax coated.   |                     |        | 16-C-75864-2961        |                |                |                       | CFD | 211-13-1 100 1             |            |                             | LP-5              |
| -472204               | TRANSFORMER, RF: 1/19/49<br>tuning coil, 950 to 3000 kc; 2 wnd, single layer wnd; unshielded; plate wnd 42 turns #29 DSE copper wire, grid wnd 16 turns #36 DS copper wire; 3" lg x 7/8" diam o/a; ceramic form, powdered iron core not incl; mts w/one 0.196" diam x 2 1/4" d hole through 1 end of form; 4 solder wire term 6" lg; top of coil marked "L-145 213-50" w/rubber stamp; wax impr, 600v, DC ins test plate to grid wnd, can be tuned by adj, iron core w/scdr adj but is not supplied w/coil; p/o Navy Type 60006-A Signal Generator.  |                     |        | 16-C-75811-2993        |                |                |                       | CFD | 213-50-1                   |            |                             | LP-5              |
| -472205               | TRANSFORMER, RF: 1/19/49<br>tuning coil, 3000 to 9500 kc; 2 wnds, single layer wnd; unshielded; plate wnd, 13 1/4 turns #16 DS copper wire, grid wnd, 8 1/2 turns #28 DS copper wire; 7/8" diam x 3" lg o/a; ceramic form w/powdered iron core not incl; mts w/one 0.196" diam hole in 1 end of form; 4 wire lead term 6" lg; top of coil marked "L-146 213-60" w/rubber stamp; wax impr, 600v DC ins test plate to grid wnd, can be tuned by adj, iron core w/scdr adj but is not supplied w/coil; p/o Navy Type 60006A Signal Generator.   |                     |        | 16-C-75799-4161        |                |                |                       | CFD | 213-60-1                   |            |                             | LP-5              |
| -472206               | TRANSFORMER, RF: 1/19/49<br>tuning coil, 9500 to 30,000 kc; 2 wnd, single layer wnd; unshielded; plate wnd 2 1/4 turns 5/32" wd x 0.005" thk copper ribbon 3/64" between turns, grid wnd, 6 1/2 turns #22 DS copper wire; 7/8" diam x 2 3/4" lg o/a; ceramic form, powdered iron core not inc; mts w/ #10-32 thd x 1/2" d hole 1 end of form; 2 tinned solder ribbon leads, one lead 4" lg other lead 1 1/2" lg, 2 tinned lead 5" lg, total 4 terms; top of coil stamped "L-147 213-70"; wax impr, 600v, DC ins test plate to grid wnd, can be tuned by adj iron core w/scdr adj but is not supplied w/coil; p/o Navy Type 60006-A Signal Generator. |                     |        | 16-C-75785-4135        |                |                |                       | CFD | 213-70-1                   |            |                             | LP-5              |

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SHEET 47-534

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------|
| -472207               | COIL, RF: 12/4/47<br>resistor and coil; 5/8" lg x 3/16" OD less term; 1/2w, 0.5 meg resistor; 30 turns #32 AWG DS copper wire; uncoated; term mtd; 2 axial wire lead term 1 1/2" lg; fungusproof, wax impr.   |                     |        | 16-0-89723-8160        |                |                |                       | CFD        | 213-90-1 iss 1             |            |                             | LP-5              |
| -472208               | COIL, RF: 12/4/47<br>CANCELLED: same as Navy Type 471682  |                     |        |                        |                |                |                       | CFD        | 217-70-1                   | CFD        | 217-70-1 iss 1              | LP-5              |
| -472209               | COIL, RF: 12/5/47<br>choke; 1 wnd, single layer wnd; unshielded; 25 millihenries; 60 ma, 58 ohms DC p/m 20% at 1000 cyc; 1 1/32" diam x 7/8" lg less term; ceramic form, air core; form 1/2" diam x 1 1/16" lg less mtg base; mtd by 0.149" diam hole in ctr of form; 2 solder lugs w/one 2" lg wire lead and one 2 3/4" lg wire lead term; fungus proof.   |                     |        | 16-0-75334-9540        |                |                |                       | CFD        | 215-327-1 iss 1            |            |                             | LP-5              |
| -472210               | COIL, RF: 12/8/47<br>tuning; 1 single layer space wnd; unshielded; 18 turns tapped at 14th turn rectangular wire 0.047" wd x 0.018" thk in 1 1/16" distance, and 3 thd at 20 thd per inch ea side of ctr wnd; 2 5/16" lg x 3/4" diam, excluding clip and term, clip and term extend 1/8" from form; ceramic form, air core; form 2 5/16" lg x 3/4" OD x 0.628" ID; 2 beryllium copper silver pl ring clip 1 ea end of wnd, term mtd; 1 solder lug term at tap, 3 term; marked w/Navy Type 472210; moisture and fungusproof. |                     |        | 16-0-72251-6992        |                |                | 3C1084Z6-31           | CRV        | 445583-501<br>sub 8        |            |                             | AN/CRC-13         |
| -472211               | COIL, RF: 12/8/47<br>ant tuning; 1 single layer wnd; unshielded; 36 turns of 0.032" diam copper wire; 2 5/16" lg x 29/32" diam, o/a; ceramic form, air core; form 2 5/16" lg x 3/4" OD x 0.630" ID; 2 clips, 1 at ea end; "472211" on form; coated w/moisture and fungus resistant varnish.   |                     |        | 16-0-72638-3658        |                |                | 3C1084Z6-32           | CRV        | M-445583-502<br>sub 8      |            |                             | AN/CRC-13         |
| -472212               | COIL, RF: 12/5/47<br>tuned ckt for 200 mile marker oec; o/c coil and 3 capacitor in parallel and mtd together; adj iron core; 1.64 to 1.8 kc oper resonant freq; 1 solder lug term; 3 1/16" lg x 1 1/4" h x 2 9/32" wd, o/a; two #6-32 thd mtg holes 7/8" o to c; coil tuned by adj iron core, 420 to 550 millihenry, 842 ohms DC 4675 turns #38 AWG E wire, tapped at 2480 turns, capacitors 18000 mmf, total three 6000 mmfd in parallel.   |                     |        | 16-0-65632-8641        |                |                |                       | CRP<br>CRP | 92-5368P2<br>496-5125      |            |                             | VH                |

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SHEET 47-535

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------|
| -472213               | COIL, RF: 12/8/47<br><u>CANCELLED</u> : never used.  |                     |        |                        |                |                |                       | CRV        | 446398-501                 | CRV        | M-446398-501<br>rev 2       | AN/GRC-13         |
| -472214               | COIL, RF: 12/8/47<br><u>CANCELLED</u> : never used.  |                     |        |                        |                |                |                       | CRV        | 446631-501                 | CRV        | M-446631-501<br>rev 3       | AN/GRC-13         |
| -472215               | TRANSFORMER, RF: 12/17/47<br>ent; 2 coax wnd, single layer wnd; unshielded; inner wnd 19 $\frac{1}{4}$ micro h p/m 5 $\frac{1}{2}$ , outer wnd 12 $\frac{1}{2}$ micro h p/m 5 $\frac{1}{2}$ ; approx 14 $\frac{5}{8}$ " l $\times$ 9" wd x 8 $\frac{1}{2}$ " h: air core. mycalex support; four $\frac{1}{4}$ " diam mtg holes on 7 $\frac{1}{4}$ " x 11 $\frac{1}{8}$ " mtg/c; 5 term, 4 stud type, 1 wire lead, 2 on end, 3 along side.                  |                     |        | 17-T-81948-8875        |                |                |                       | CEJ        | 250-13                     | CPT        | FRA-12510-12                | MX-850/UR         |
| -472216               | RF COIL: 5/20/48<br>wave trap; 3 pie universal wnd; cylindrical bakelite shield; 360 turns of 5 cond #40 AWG Litz wire; 2 $\frac{1}{16}$ " lg x 1.261" diam, excluding adj; phenolic form, iron core; 1 $\frac{19}{32}$ " lg x $\frac{1}{2}$ " diam, o/s; adj iron core; scdr adj through chassis; panel mtd w/ bushing $\frac{3}{8}$ "-32 thd x $\frac{1}{4}$ " lg; 2 solder tab term at sides; p/o Navy Type 46246-A Radio Receiver.                     |                     |        | 16-C-76506-3404        |                |                |                       | CRV<br>CRV | 76899-505<br>60501         |            |                             | RDM               |
| -472217               | COIL, RF: 1/14/48<br>choke; single wnd, single layer wnd; unshielded; 32.5 microhenries at 2.5 mc, 4 ohms DC resistance; 118 turns #36 AWG, E, wire; 1 $\frac{1}{2}$ " lg x $\frac{9}{16}$ " OD, excluding term; bakelite form, air core; form $\frac{1}{4}$ " diam x $\frac{7}{8}$ " lg; term mtd; 2 axial wire leads; Q at 2.5 mc 67.  |                     |        | 16-C-73440-5569        |                |                |                       | CAJR       | LA-172530<br>1 change D    |            |                             | TS-239/UP         |
| -472218               | COIL, RF: 1/14/48<br>choke; single wnd, single layer wnd; unshielded; 20 to 90 microhenry at 2.7 mc, 2 ohms DC resistance, 25 ma; 67 turns #34 AWG, copper, E, wire; $\frac{27}{32}$ " wd x $\frac{19}{32}$ " h x 1 $\frac{15}{16}$ " lg w/slug in; phenolic form, iron slug core; adj iron core; scdr adj on end; one 0.1285" diam mtg hole; 2 radial wire lead term; inductance range 20 microhenries w/slug in, 90 microhenry w/slug out, varnish impr. |                     |        | 16-C-76631-4077        |                |                |                       | CAJR       | LA-175046<br>chg G         |            |                             | TS-239/UP         |
| -472219               | COIL, RF: 1/14/48<br>choke; 1 wnd, duolateral wnd, 4 pie; unshielded; 350 microhenries p/m 1 $\frac{1}{2}$ , 15 ma, 13 ohms DC resistance; 3 sect 100 turns ea, 1 sect 53 turns #36 AWG, copper, E, S, wire; 1 $\frac{1}{2}$ " lg x $\frac{9}{16}$ " diam; bakelite form and core; form $\frac{7}{8}$ " lg x $\frac{1}{4}$ " OD; 1 $\frac{3}{16}$ " lg pigtailed; axial wire leads; marked LA-160609; varnish impr.  |                     |        | 16-C-74072-2252        |                |                |                       | CAJR       | LA-160609                  |            |                             | TS-239/UP         |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN       |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------------|
| -472220               | COIL, RF: 1/14/48<br>choke; single wnd, single layer wnd; unshielded; 50.2 microhenry at 2 mc, 7 ohms DC resistance, 9.81 ma; 164 turns #38 AWG, copper, E, wire; 1 1/2" lg x 9/16" OD, w/o leads; bakelite form and core; mtd by term; 2 axial wire leads 1 3/16" lg; varnish impr, bakelite ins sleeve.  |                     |        | 16-C-73574-3266        |                |                |                       | CAJR | LA-167138<br>chg B         | CW         | D-167138                    | TS-239/UP               |
| -472220-A             | COIL, RF: 1/20/50<br>choke; single wnd, single layer wnd; unshielded; 51 microhenries at 2.5 mc, 7.8 ohms DC resistance; 143 turns #38 AWG, copper, E, wire; 1 1/2" lg x 9/16" OD, w/o leads; bakelite form and core; mtd by term; 2 axial wire leads 1 3/16" lg; varnish impr, bakelite ins sleeve.   |                     |        | 16-C-73576-5965        |                |                |                       | CAJR | LA-167138 chg B            | CW         | D-167138                    | TS-239/UP<br>TS-239A/UP |
| -472221               | COIL, RF: 1/14/48<br>choke; single duolateral wnd; unshielded; inductance 16.5 millihenries p/m 1.5% approx, DC resistance 63 ohms, 15 ma, 975 turns #34SSE wire; 1 1/8" lg x 1 1/4" diam o/a approx; white ceramic form, air core; 1 1/8" lg x 1" OD fo m; one 0.147" diam axial mtg hole in ceramic form; 2 solder lug terminals on top; form marked IA-166838; impregnated w/Insulex #25SA varnish. |                     |        | 16-C-75250-3226        |                |                |                       | CAJR | IA-166838                  |            |                             | TS-239/UP               |
| -472222               | COIL, RF: 3/16/49<br>RF choke; single wnd, lattice wnd; unshielded; 3.4 millihenree, 125 ma, 36 ohms DC resistance; 11/16" lg x 1 1/16" OD; ceramic form, air core; 11/16" lg x 1 1/16" OD; ats by single stud on 3/16" diam ctr hole; 2 solder lug term; moisture proofed.  |                     |        | 16-C-74799-1090        |                |                |                       | CDB  | 1213                       | CPT        | FRJ-17530-1                 | EY-32/GRT               |
| -472223               | COIL, RF: 2/4/48<br>resistor and coil; 13/32" lg x 1/4" diam, w/o leads; 46 micro h coil, 150 turns #36 AWG copper, E, wire, 10000 ohms DC resistance, 1/2w resistor; uncased; term mtd; 2 axial wire leads 1 1/2" lg; wax impr.   |                     |        | 16-S-89778-2544        |                |                |                       | CHZ  | CL-1136                    |            |                             | AN/UFA-1A               |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472224               | COIL, RF: 8/6/48<br>radiation suppressor for band 1; single layer wnd; unshielded; 32 turns #24 AWG, E wire tapped at 23 turns, inductance between start and tap 1.48 microhenries, total inductance 2.22 microhenries p/m 1 1/2, resonates at 15 mc w/cap of 50.6 mmf, DC resistance 0.08 ohms, Q equals 122; body dimen 7/8" lg x 19/64" approx OD; bakelite coil form, air core; form 7/8" lg 1/4" diam; term mtd; 2 axial wire leads 1 1/2" lg; starting end of coil coded w/blue lacquer; impr with fungus resisting wax. |                     |        | 16-C-72871-5177        |                |                |                       | CAZD | 51A747                     | CHL        | 51A747 rev A                | RDC-1             |
| -472225               | COIL, RF: 8/6/48<br>radiation suppressor for band 2; single layer wnd, 1 wnd; unshielded; induction between start and tap 0.35 microhenries, total induction 0.84 microhenries p/m 1 1/2, resonates at 25 mc w/cap of 48.2 mmf, DC resistance 0.04 ohms, Q equal 135, 1 1/2 turns #24 AWG, E wire tapped at 8 turns; body dimen 7/8" lg x 0.3" OD; bakelite form, air core; 7/8" lg x 1/4" diam form; term mtd; 2 axial wire lead term 1 1/2" lg; starting end of coil coded w/yellow lacquer; impr w/fungus resistant wax.    |                     |        | 16-C-72769-1361        |                |                |                       | CAZD | 51A748                     | CHL        | 51A748 rev A                | RDC-1             |
| -472226               | COIL, RF: 8/6/48<br>radiation suppressor band 3; single layer wnd, 1 wnd; unshielded; induction between start and tap 0.18 microhenries, total induction 0.43 microhenries p/m 1 1/2, resonates at 40 mc w/a cap of 35.8 mmf, DC resistance 0.03 ohms, Q equal 145, ten turns of #24 AWG, E wire tapped at 5 turns; body dimen 7/8" lg x 0.3" OD; bakelite form, air core; 7/8" lg x 1/4" diam form; term mtd; 2 axial wire lead term 1 1/2" lg; starting end of coil coded w/red lacquer; impr with fungus resistant wax.     |                     |        | 16-C-72740-2647        |                |                |                       | CAZD | 51A749                     | CHL        | 51A749 rev A                | RDC-1             |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
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|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-537

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SHEET 47-538

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472227               | TRANSFORMER, RF: 8/6/48<br>coupling band 1; 2 single layer wnd, 2 windings; unshielded; 1st wnd 23 1/2 turns #34 AWG single celanese E wire, 2nd wnd 4 1/2 turns #22 AWG double celanese braided wire; 1 5/8" lg x 5/8" diam excluding term; air core bakelite form; 1 5/8" lg x 1/2" diam form; mtd by 4 solder lug term, 2 ea end located 180 deg apart on 1.625" mtg/c and riveted to coil form; CHL part #51B729 to be stamped on coil form; 2nd resonant at 28 mc w/98.7 mmf, Q equal 165, 1st resonant at 6 mc w/87.7 mmf, Q equal 98, impr w/fungus resistant wax. |                     |        | 16-C-75790-6888        |                |                |                       | CAZD | 51B729                     | CHL        | 51B729 iss 0                | RDC-1             |
| -472228               | TRANSFORMER, RF: 8/6/48<br>coupling band 2; 2 single layer wnd, 2 windings; unshielded; 1st wnd 11 1/2 turns #34 AWG single celanese E wire, 2nd wnd 2 1/8 turn #18 AWG double celanese braided wire; 1 5/8" lg x 5/8" diam excluding term; bakelite form, air core; form 1 5/8" lg x 1/2" diam; mtd by 4 solder lug term, 2 ea end located 180 deg apart on 1.625" mtg/c riveted to coil form; CHL part #51B730 to be stamped on coil form; 1st resonant at 12 mc w/74 mmf, Q equal 95, 2nd resonant at 45 mc w/97 mmf, Q equal 140, impr w/fungus resistant wax.        |                     |        | 16-C-75785-4081        |                |                |                       | CAZD | 51B730                     | CHL        | 51B730 iss A                | RDC-1             |
| -472229               | TRANSFORMER, RF: 8/6/48<br>coupling band 3; 2 single layer wnd, 2 windings; unshielded; 1st wnd 8 1/4 turns #36 AWG single celanese E wire 2nd wnd 1 1/2" turns #14 AWG tinned copper wire; 7/8" lg x 3/8" OD; bakelite form air core; form 7/8" lg x 1/4" diam; mtd by coil leads; two #24 AWG DC wire leads, two #14 term; CHL part #51B731 to be stamped on end; 1st resonant at 20 mc w/79.7 mmf, Q equal 66, 2nd resonant at 70 mc w/93.4 mmf, Q equal 144, impr w/fungus resistant wax.   |                     |        | 16-C-75783-3183        |                |                |                       | CAZD | 51B731                     | CHL        | 51B731 iss B                | RDC-1             |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-538

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SHEET 47-539

| NA TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E B O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|---------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472230             | TRANSFORMER, RF: 8/6/48<br>osc band 1; 3 single layer wnd; unshielded; 1st wnd 3 3/8 turns #22 AWG double celanese braided wire, 2nd wnd 1 1/2 turns #34 AWG single celanese E wire, 3rd wnd 2 1/2 turns #29 AWG SE wire; 1 5/8" lg x 5/8" diam excluding term; bakelite form air core; form 1 5/8" lg x 1/2" diam; term mtd; 6 solder lug term 3 on bottom 3 on top of form; CHL part #51B732 to be stamped on form; 1st resonant at 35 mc w/85.8 mmf, Q equal 167, 2nd resonant at 42 mc w/93 mmf, Q equal 75, 3rd resonant at 35 mc w/86 mmf, Q equal 85, impr w/fungus resistant wax.                        |                     |        | 16-C-75981-8914        |                |                |                       | CAZD | 51B732                     | CHL        | 51B732 iss A                | RDC-1             |
| -472231             | TRANSFORMER, RF: 8/6/48<br>osc band 2; 3 single layer wnd; unshielded; 1st wnd 2 turns #18 AWG double celanese braided wire, 2nd wnd 1/2 turn #22 AWG double celanese braided wire, 3rd wnd 1/2 turn #30 AWG single celanese braided wire; 1 5/8" lg x 5/8" diam excluding term; bakelite form air core; form 1 5/8" lg x 1/2" diam; term mtd; 6 solder lug term 3 on bottom 3 on top of form; CHL part #51B733 to be stamped on form; 1st resonant at 45 mc w/87.3 mmf, Q equal 163, 2nd resonant at 60 mc w/87.8 mmf, Q equal 143, 3rd resonant at 60 mc w/72.5 mmf, Q equal 125, impr w/fungus resistant wax. |                     |        | 16-C-75981-2573        |                |                |                       | CAZD | 51B733                     | CHL        | 51B733 iss B                | RDC-1             |
| -472232             | TRANSFORMER, RF: 8/6/48<br>osc band 3; 2 single layer wnd; unshielded; pri 1 1/2 turns #14 AWG tinned copper, secd 2 turns #28 AWG double celanese braided wire; 5/8" lg x 7/16" diam not incl term; paper form, air core; form 5/8" lg x 7/16" diam; mtd by single solder lug; 3 lead term, 1 solder lug term; CHL part #51B734 to be stamped on form; impr w/fungus resistant wax, pri resonant at 70 mc w/77 mmf, Q equals 163, secd resonant at 50 mc w/84.3 mmf, Q equals 103.  |                     |        | 17-T-82061-5256        |                |                |                       | CAZD | 51B734                     | CHL        | 51B734 iss A                | RDC-1             |
| -472233             | TRANSFORMER, RF: 8/6/48<br>coupling band 1; 2 single layer wnd; unshielded; 1st wnd 23 1/2 turns #34 AWG single celanese E wire, 2nd wnd 4 1/2 turns #22 AWG double celanese braided wire; 1 5/8" lg x 5/8" OD not incl term; bakelite form air core; form 1 5/8" lg x 1/2" diam; mtd by 4 solder lug term, 2 ea end located 180 deg apart on 1 5/8" mtg/c; CHL dwg #51B761 to be stamped on coil form; 1st resonant at 6 mc w/87.2 mmf Q equals 98, 2nd resonant at 28 mc w/100.7 mmf Q equals 160, impr w/fungus resistant wax.  |                     |        | 16-C-75790-6879        |                |                |                       | CAZD | 51B761                     | CHL        | 51B761 iss O                | RDC-1             |

SHEET 47-539

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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

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SHEET 47-540

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472234               | TRANSFORMER, RF: 8/6/48<br>coupling band 2; 2 single layer wnd; unshielded; 1st wnd 11 1/2 turns #34 AWG single celanese E wire, 2nd wnd 2 turns #18 AWG double celanese braided wire; 1 5/8" lg x 5/8" diam excluding term; bakelite form air core; form 1 5/8" lg x 1/2" diam; mtd by four solder lug term, 2 ea enl located 180 deg apart on 1 5/8" mtg/c; CHL part #51B762 to be stamped on form; impr w/fungus resistant wax, 1st wnd resonant at 12 mc w/69.6 mmf Q equals 92, 2nd wnd resonant at 45 mc w/102.8 mmf Q equal 136. |                     |        | 16-C-75784-2586        |                |                |                       | CAZD | 51B762                     | CHL        | 51B762 188 A                | RDC-1             |
| -472235               | TRANSFORMER, RF: 8/6/48<br>coupling band 3; 2 single layer wnd; unshielded; 1st wnd 1 1/2 turns #14 AWG tinned copper, 2nd wnd 8 1/4 turns #36 AWG single celanese E wire; 7/8" lg x 3/8" diam excluding term; bakelite form; form 7/8" lg x 1/4" diam; mtd by term; two #24 AWG DC wire lead term; 1st resonant at 70 mc w/93.3 mmf, Q equals 142, 2nd resonant at 20 mc w/166.3 mmf, Q equal 60, impr w/fungus resistant wax.   |                     |        | 16-C-75783-3178        |                |                |                       | CAZD | 51B763                     | CHL        | 51B763 188 A                | RDC-1             |
| -472236               | COIL, RF: 3/4/48<br>RF choke; single wnd, single layer wnd; unshielded; 10 microhenries p/m 20% at 3 mc and 450 mmf, 0.02 ohms p/m 17%; 9/16" lg x 1" diam, not incl leads; air core, paper coil form; 1/8" diam hole thru ctr for mtg; two #16 AWG radial wire lead 72 deg apart; marked "LC-0001"; tropicalized, impr.  |                     |        | 16-C-73092-4295        |                |                | 30323-176B            | CBW  | MLC-0001                   |            |                             | FP-270/U          |
| -472237               | IF TRANSFORMER: 5/20/48<br>455 kc; 1st IF; shielded; 1 3/8" sq x 3.385" h, o/a; powdered iron core; tuned pri and sec, double tuned; adj iron core tuning; mtd w/two #6-32 spade bolts on 1 5/16" mtg/c; 6 solder lug term on bottom; incl 2 capacitors 680 mmf p/m 5% ea, one Navy Type 63355-153 Resistor; p/o Navy Type 46246-A Radio Receiver.  |                     |        | 17-T-67632-2684        |                |                |                       | CRV  | 92430-507<br>rev 10        |            |                             | RIM               |
| -472238               | IF TRANSFORMER: 5/20/48<br>455 kc; 4th IF; shielded; 1 3/8" sq x 3.385" h, o/a; powdered iron core; double tuned; adj iron core tuning; mtd w/two #6-32 spade bolts on 1 5/16" mtg/c; 6 solder lug term on bottom; incl 3 capacitors 180 mmf p/m 5% ea; p/o Navy Type 46246-A Radio Receiver.   |                     |        | 17-T-67632-2704        |                |                |                       | CRV  | 92430-508<br>rev 10        |            |                             | RIM               |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

SHEET 47-540

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NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

**RESTRICTED**

SHEET 47-541

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------|
| -472239               | IF TRANSFORMER: 5/19/48<br>455 kc; 2nd/3rd IF; shielded; 1 3/8" sq x 3.385" h, o/a; powdered iron core; double tuned, pri end sec'd both tuned; adj iron core tuning; mtd w/two #6-32 spade bolts on 1 5/16" mtg/c; 6 solder lug term on bottom; incl 2 capacitor 680 mmf p/m 5% ea; p/o Navy Type 46246-A Radio Receiver.   |                     |        | 17-T-67632-2609        |                |                |                       | CRY        | 92430-509<br>rev 10        |            |                             | RIM               |
| -472240               | IF TRANSFORMER: 5/20/48<br>455 kc; BFO; shielded; 1 3/8" sq x 3.385" h, o/a; powdered iron core; single tuned; adj iron core tuning; mtd w/two #6-32 spade bolts on 1 5/16" mtg/c; 6 solder lug term on bottom; incl 4 capacitors one 470 mmf p/m 10%, two 56 mmf p/m 5%, one 2000 mmf p/m 5%, 3 resistors, 2 Navy Type 63355-124, 1 Navy Type 63355-473; p/o Navy Type 46246-A Radio Receiver.  |                     |        | 17-T-67625-9580        |                |                |                       | CRY        | 92430-510<br>rev 10        |            |                             | RIM               |
| -472241               | IF TRANSFORMER: 3/4/49<br>peak freq 455 kc, band wd is 800 cps, 150 cps and 0 cps; 1 3/8" sq x 3.385" h, o/a; input and output impedance 200000 ohms; rectangular metal case; mts by two #6-32 thd spade studs on 1 5/16" mtg/c; 6 solder lug term on bottom; single tuned by adj iron core, incl 150 mmf p/m 5% capacitor, white dot color code on end; xtal load transf, p/o Navy Type 46246-A Radio Receiver.                                   |                     |        | 16-F-32667-3434        |                |                |                       | CRY        | 92430-511 rev 10           |            |                             | RIM               |
| -472242               | RF COIL: 5/20/48<br>ant coil; 2 wnd, 1 single pie wnd, other 6 pie uni-versal wnd; unshielded; single pie wnd 400 1/2 turns #38 AWG wire, 6 pie wnd 120 turns 15 strands #43 Litz wire; 29/32" diam x 3 1/4" lg, incl tuning slug; bakelite form, iron core; 2 1/8" lg x 1/2" OD coil form; adj iron core; soldr adj through chassis; mtg bushing 3/8"-32 thd x 1/4" lg; 3 solder lug term opposite mtg end; p/o Navy Type 46246-A Radio Receiver. |                     |        | 17-T-82472-1161        |                |                |                       | CRY<br>CRY | 95520-502 rev 7<br>60524   |            |                             | RIM               |
|                       |  |                     |        |                        |                |                |                       |            |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |            |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |            |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |            |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-541

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SHEET 47-542

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------|
| -472243               | RF COIL: 5/20/48<br>ant coil; 2 wnd, 1 single layer wnd, other 1 pie universal wnd; unshielded; freq range 1570 kc to 4550 kc; single layer wnd 37 turns #30 AWG wire, 1 pie wnd 200 turns #36 AWG wire; 2 5/16" lg x 13/16" diam, o/s; bakelite form, iron core; 2 1/8" lg x 1/2" OD; adj iron core; ecdr adj through chassis; panel mtd with bushing 1/4" lg x 3/8"-32 thd; 4 solder lug term; p/o Navy Type 46246-A Radio Receiver. |                     |        | 17-T-82181-8096        |                |                |                       | CRV<br>CRV | 95520-503 rev 7<br>60525   | CRV        | P-92431                     | RDM               |
| -472244               | RF COIL: 5/20/48<br>ant coil; 2 wnd, 1 single layer wnd, other 1 pie universal wnd; unshielded; 1 wnd 15 1/2 turns #26 AWG wire, universal wnd 90 turns #36 AWG wire; 3 1/4" lg x 29/32" diam, o/s; bakelite form, iron core; 2 1/8" lg x 1/2" OD; adj iron core; ecdr adj through chassis; panel mtd w/bushing 1/4" lg x 5/8"-32 thd; 4 solder lug term; term coded green, wax impr; band #3; p/o Navy Type 46246-A Radio Receiver.   |                     |        | 17-T-82440-7241        |                |                |                       | CRV<br>CRV | 95520-504 rev 7<br>60526   |            |                             | RDM               |
| -472245               | RF COIL: 5/20/48<br>osc coil; one wnd, single layer wnd w/CT; unshielded; 95 1/4 turns #36 AWG wire; 2 5/16" lg x 9/16" diam, o/s; bakelite form, iron core; 2 1/8" lg x 1/2" OD; adj iron core; ecdr adj through chassis; panel mtg w/bushing 1/4" lg x 5/8"-32 thd; 3 solder lug term; one term colored green; osc band #1; p/o Navy Type 46246-A Radio Receiver.  |                     |        | 16-C-76503-5328        |                |                |                       | CRV<br>CRV | 95520-505 rev 7<br>60510   |            |                             | RDM               |
| -472246               | RF COIL: 5/19/48<br>osc coil; one wnd, single layer wnd tapped; unshielded; 45 1/4 turns #30 AWG wire; 2 5/16" lg x 9/16" diam, o/s; bakelite form, iron core; 2 1/8" lg x 1/2" OD; adj iron core; ecdr adj through chassis; panel mtg w/bushing 1/4" lg x 5/8"-32 thd; 3 solder lug term; one term colored green; osc band #2; p/o Navy Type 46246-A Radio Receiver.  |                     |        | 16-C-76485-7872        |                |                |                       | CRV<br>CRV | 95520-506 rev 7<br>60511   |            |                             | RDM               |
| -472247               | RF COIL: 4/1/49<br>osc coil; one wnd, single layer wnd; unshielded; 17 1/4 turns #26 AWG wire tapped at turn #4; 3 1/4" lg x 29/32" OD; bakelite form, iron core; 2 1/8" lg x 1/2" OD; adj iron core; ecdr adj through chassis; panel mtd w/bushing 1/4" lg x 3/8"-32 thd; 3 solder lug term; one term colored blue; osc band #3; p/o Navy Type 46246-A Radio Receiver.  |                     |        | 16-C-76397-7977        |                |                |                       | CRV<br>CRV | 95520-507 rev 7<br>60512   |            |                             | RDM               |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-542

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SHEET 47-543

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER  | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|-----------------------------|------------|-----------------------------|-------------------|
| -472248               | RF COIL: 5/19/48<br>ant coil; 2 wnd, 1 wnd, 1 pie universal wnd, other 5 pie universal wnd; unshielded; 1 pie wnd 400 1/2 turns #38 AWG wire, 5 pie wnd 10 strands #42 Litz wire; 2 5/16" lg x 13/16" diam, o/a; bakelite form, iron core; 2 1/8" lg x 1/2" diam, o/a; adj iron core; scdr adj through chassis; panel mtd w/bushing 1/8"-32 thd x 1/4" lg; 5 solder lug term; color coded green<br>1 term colored green; freq range 535 to 1600 kc, band #1 is RDM, wax impr; p/o Navy Type 46246-A Radio Receiver. |                     |        | 17-T-82166-2601        |                |                |                       | CRV<br>CRV | 95520-508 rev 7<br>48085    | CRV        | 92431-508                   | RDM               |
| -472249               | COIL RF: 5/19/48<br>RF coil; one wnd single layer wnd; unshielded; 8 9/16 turns #22 AWG tinned wire; 2 9/16" lg x 3/4" diam, o/a; polystyrene form, iron core; 1 7/8" lg x 0.531" diam; adj iron core; scdr adj one end; panel mtd w/bushing 1/4" lg x 3/8"-32 thd; 2 wire leads; band #4; p/o Navy Type 46246-A Radio Receiver.  |                     |        | 16-C-76293-2439        |                |                |                       | CRV<br>CRV | 95519-501<br>rev 5<br>60514 |            |                             | RDM               |
| -472250               | RF COIL: 5/20/48<br>RF coil; one wnd, single layer wnd; unshielded; 4 9/16 turns #22 AWG tinned wire; 2 9/16" lg x 3/4" diam, o/a; polystyrene form, iron core; 1 7/8" lg x 0.531" diam; adj iron core; scdr adj through chassis; panel mtd w/bushing 1/4" lg x 3/8"-32 thd; 2 wire lead; color coded red dot; band #5; p/o Navy Type 46246-A Radio Receiver.   |                     |        | 16-C-76231-6215        |                |                |                       | CRV<br>CRV | 95519-502<br>rev 5<br>60515 |            |                             | RDM               |
| -472251               | COIL RF: 4/1/49<br>RF coil; one wnd, single layer wnd; unshielded; 2 9/16 turns #22 AWG tinned wire; 3 13/32" lg x 3/4" OD; polystyrene form, iron core; 1 7/8" lg x 3/4" diam; adj iron core; scdr adj through chassis; panel mtd w/bushing 1/4" lg x 3/8"-32 thd; 2 wire leads; color coded white dot; band #6; p/o Navy Type 46246-A, Radio Receiver.  |                     |        | 16-C-76211-4196        |                |                |                       | CRV<br>CRV | 95519-503<br>rev 5<br>60516 |            |                             | RDM               |
| -472252               | RF COIL: 5/20/48<br>osc coil; one wnd single layer wnd; unshielded; 10 5/16 turns #22 AWG wire, tapped at 6 3/16 turns; 2 9/16" lg x 3/4" diam, o/a; polystyrene form, iron core; 1 7/8" lg x 0.531" diam; adj iron core; scdr adj through chassis; panel mtd w/bushing 1/4" lg x 3/8"-32 thd; 3 wire leads; color code blue; oec band #4; p/o Navy Type 46246-A Radio Receiver.  |                     |        | 16-C-76313-3373        |                |                |                       | CRV<br>CRV | 95519-504<br>rev 5<br>60517 |            |                             | RDM               |
|                       |   |                     |        |                        |                |                |                       |            |                             |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-543

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SHEET 47-544

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR       | MANUFACTURER'S PART NUMBER  | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|-----------------------------|------------|-----------------------------|-------------------|
| -472253               | RF COIL: 4/1/49<br>osc coil; one wnd single layer wnd; unshielded;<br>7 13/16 turns #22 AWG wire tapped at 4 7/16 turns;<br>3 13/32" lg x 3/4" OD; polystyrene form, iron core;<br>1 7/8" lg x 3/4" diam; adj iron core; scdr adj<br>through chassis; panel mtd w/bushing 1/4" lg x<br>3/8" -32 thd; 3 wire leads; color code green dot; osc<br>band #5; p/o Navy Type 46246-A Radio Receiver.  |                     |        | 16-C-76281-8551        |                |                |                       | CRV<br>CRV | 95519-505<br>rev 5<br>60518 |            |                             | RDM               |
| -472254               | COIL RF: 5/19/48<br>osc coil; one wnd single layer wnd; unshielded; 51<br>turns #22 AWG wire, tapped at 2 3/16 turns; 2 9/16"<br>lg x 3/4" diam, o/a; polystyrene form, iron core;<br>1 7/8" lg x 0.531" diam, o/a; adj iron core; scdr adj<br>through chassis; panel mtd w/bushing 1/4" lg x<br>3/8" -32 thd; 3 wire leads; color code orange dot; osc<br>band #6; p/o Navy Type 46246-A Radio Receiver.   |                     |        | 16-C-76503-1147        |                |                |                       | CRV<br>CRV | 95519-506<br>rev 5<br>60519 |            |                             | RDM               |
| -472255               | RF COIL: 5/20/48<br>ant coil; 2 wnd, single layer wnd; unshielded; oper<br>freq range 22 mc to 32 mc band #6, #22; pri 3 1/8<br>turns #22 AWG tinned wire, secd 5 1/8 turns #21 AWG<br>tinned wire; 3/4" diam x 2" lg excluding bushing and<br>tuning slug; polystyrene form, Magnetite iron core;<br>1 7/8" lg x 3/4" diam, o/a; adj Magnetite iron core;<br>scdr adj through chassis; mtd by bushing 3/16" lg x<br>3/8" -32 thd; 4 wire leads; black dot color code; p/o<br>Navy Type 46246-A Radio Receiver. |                     |        | 17-T-82210-7144        |                |                |                       | CRV<br>CRV | 95519-507<br>60520          | CRV        | 857018                      | RDM               |
| -472256               | RF COIL: 5/20/48<br>ant coil; 2 wnd single layer wnd; unshielded; freq<br>range 1570 kc to 4550 kc, pri 19 turns #30 AWG, E<br>wire, secd 40 turns #30 AWG, E wire; 2" lg excluding<br>bushing and tuning slug x 9/16" OD; polystyrene form,<br>Magnetite iron core; 1 7/8" lg x 1/2" diam; adj Mag-<br>netite iron core; scdr adj through chassis; mtd by<br>bushing 5/16" lg x 3/8" diam; 4 wire leads; p/o Navy<br>Type 46246-A Radio Receiver.  |                     |        | 17-T-82181-8081        |                |                |                       | CRV<br>CRV | 95521-501 rev 6<br>60521    |            |                             | RDM               |
| -472257               | RF COIL: 5/19/48<br>ant coil; 2 wnd single layer wnd; unshielded; pri 10<br>turns #30 AWG, E wire, secd 15 turns #26 AWG wire;<br>2 5/8" lg x 3/4" diam, o/a; polystyrene form, iron<br>core; 1 7/8" lg x 1/2" diam; adj iron core; scdr adj<br>through chassis; mtd by bushing 3/16" lg x 3/8" -32<br>thd; 4 wire leads; p/o Navy Type 46246-A Radio<br>Receiver.  |                     |        | 17-T-82439-1201        |                |                |                       | CRV<br>CRV | 95521-502 rev 6<br>60522    |            |                             | RDM               |

SHEET 47-544

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

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SHEET 47-545

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------|
| -472258               | RF COIL:<br>ant coil; 2 wnd single layer wnd; unshielded; pri 10 turns #30 AWG, E wire, secd 10 turns #26 AWG, E wire; 2 5/8" lg x 3/4" diam, o/a; polystyrene form, iron core; 1 7/8" lg x 1/2" diam; adj iron core; scdr adj through chassis; mtd by bushing 1/4" lg x 3/8"-32 thd; 4 wire leads; p/o Navy Type 46246-A Radio Receiver.             | 5/20/48             |        | 17-T-82439-1161        |                |                |                       | CRV<br>CRV | 95521-503 rev 6<br>60523   |            |                             | RIM               |
| -472259               | RF COIL:<br>ant coil; 2 wnd single layer wnd; unshielded; 1 coil 7 turns #30 AWG, E wire, other coil 7 turns #24 AWG, E wire; 3" lg x 17/32" diam, o/a; polystyrene form, iron core; 1 7/8" lg x 0.531" diam, o/a; adj iron core; scdr adj through chassis; mtd by bushing 3/8"-32 thd x 1/4" lg; 4 wire leads; p/o Navy Type 46246-A Radio Receiver. | 5/20/48             |        | 17-T-82438-2061        |                |                |                       | CRV<br>CRV | 95521-504 rev 6<br>60513   |            |                             | RIM               |
| -472260               | COIL, RF:<br>compensating inductance; single wnd, single layer wnd; unshielded; 25 turns #30 AWG, copper, E, wire; 7/8" diam x 7/8" lg excluding term; phenolic form. brass core; one #6-32 tapped hole 1 end, one #10-32 tapped hole other end for mtg; 2 solder lug term.   | 4/21/48             |        | 16-C-7238-4837         |                |                |                       | CHR        | AA-118-1                   |            |                             | OCQ               |
| -472261               | TRANSFORMER, IF:<br>peak freq 30 mc; coupling type; unshielded; 13/16" lg x 1/2" d x 3/4" wd, o/a excluding leads; powdered iron core; no tuning adj; term mtd; four 7/8" lg wire leads; pri 21 1/2 turns, secd 17 1/2 turns #32 AWG formex wire.   | 4/15/48             |        | 17-T-68251-7797        |                |                |                       | CBFD       | B-884(11)-15A              |            |                             | AN/MPQ-2A         |
| -472262               | TRANSFORMER, IF:<br>peak freq 30 mc; coupling type; unshielded; 13/16" lg x 1/2" d x 3/4" wd, w/o leads; powdered iron core; no tuning adj; term mtg; four 7/8" lg wire lead term; pri 20 1/2 turns, secd 16 1/2 turns #32 AWG formex copper wire.  | 4/15/48             |        | 17-T-68251-7795        |                |                |                       | CBFD       | B-884(11)-16A              |            |                             | AN/MPQ-2A         |
| -472263               | TRANSFORMER, IF:<br>peak freq 30 mc; input type; unshielded; 13/16" lg x 1/2" d x 3/4" wd, w/o leads; powdered iron core; no tuning adj; term mtg; four 7/8" lg wire lead term; pri 4 turns, secd 18 turns #32 AWG formex copper wire.  | 4/15/48             |        | 17-T-68251-7791        |                |                |                       | CBFD       | B-884(11)-14A              |            |                             | AN/MPQ-2A         |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                             |                   |

SHEET 47-545

**RESTRICTED**

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

**RESTRICTED**

SHEET 47-546

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORP'S STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|------------------------|------------|----------------------------|------------|-----------------------------|-------------------|
| -472264               | COIL, RF: 4/21/48<br>osc tuner; c/o four 2 turn wnd and one 16 turn wnd #14 tinned copper wire, one 20 mmf fixed capacitor, two 220 mmf fixed capacitors; phenolic form and supports; tunes in 4 ranges, 1.74 to 2.68 mc, 2.6 to 5.6 mc, 5.12 to 10.8 mc, and 9.8 to 21.6 mc; tuned by var capacitor not incl; rectangular; 8 15/16" lg x 4" wd x 2 1/4" h, o/a excluding shaft 1 5/8" lg; 6 mtg holes for #6-32 screw, 2 rows 3 1/2" apart, 3 holes per row 4 1/4" and 4 2/16" o to c; ea part marked w/next number has band change rotary sw, 6 solder post term. |                     |        | 16-T-98207-1137        |                |                |                        | CHR        | J-106                      |            |                             | OCQ               |
| -472265               | TRANSFORMER, IF: 4/21/48<br>peak freq 30 mc; input; unshielded; 3 1/32" OD x 1 5/8" lg, o/a; powdered iron core; tuned secd only; adj iron core; 5/16"-24 thd mtg bushing 7/32" lg; 4 wire lead term; electrostatic shield between pri and secd.  |                     |        | 17-T-68245-2451        |                |                |                        | CAY        | M-7428302-G1               |            |                             | AN/SFS-6          |
| -472266               | COIL, RF: 6/10/48<br>let IF coil; single wnd, single layer wnd; shielded; 10 3/4 turns #30 AWG wire; bakelite case 1 21/32" lg x 1 1/16" diam, o/a, less tuning rod and term; iron core; adj iron core; adj by the rod extending thru bushing; single hole mtg bushing 3/8"-32 thd x 1/4" lg, incl hex head nut and lock washer; 2 solder lug term on side; 1.8 microhenries to 3.5 microhenries inductance range.  |                     |        | 16-C-76550-4691        |                |                |                        | CAY<br>CHE | 7713258-G1<br>A-4010-1     | CAY        | 7613283-P83                 | TS-148/UP         |
| -472267               | COIL, RF: 6/10/48<br>osc converter; single wnd, single layer wnd; shielded; 14 3/4 turns #31 AWG wire, tapped; bakelite case 1 21/32" d x 1 1/16" diam, o/a, less tuning rod and term; iron core; adj iron core; adj by thd rod extending thru bushing; single hole mtg bushing 3/8"-32 thd 1/4" lg, incl hex head nut and lock washer; 3 solder lug term on side; 2.7 microhenries to 5.7 microhenries inductance range.   |                     |        | 16-C-76374-1643        |                |                |                        | CAY<br>CHE | 7713258-G2<br>A-4010-2     | CAY        | 7613283-P84                 | TS-148/UP         |
|                       |   |                     |        |                        |                |                |                        |            |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                        |            |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                        |            |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-546

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SHEET 47-547

| NA TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|---------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------|
| -472268             | TRANSFORMER RF: 7/9/48<br>RF input transf; single wnd, single layer wnd; shielded; 17 3/4 turns #32 AWG wire; bakelite case 1 21/32" d x 1 1/16" diam, o/a, less tuning rod and term; iron core; adj iron core; adj by thd rod extend thru bushing; single hole mtg bushing 3/8" -32 thd x 1/4" lg, incl hex head nut and lockwasher; 4 solder lug term on side; 3.5 microhenries to 8 microhenries inductance range. |                     |        | 16-C-76405-1643        |                |                |                       | CAY<br>CEZ | 7713258-G3<br>A-4010-3     | CAY        | 7613284-P199                | TS-148/UP         |
| -472269             | COIL, RF: 5/20/48<br>choke; single pie, universal wnd; unshielded; 8.3 micro h p/m 5%, 50 ma max, approx 0.5 ohms DC resistance; 38 turns #34 AWG, copper, E, S, wire; 5/8" lg x 3/8" OD, excluding leads; phenolic form and core; 3/16" diam x 5/8" lg form; term mtd; 2 wire lead term 1 1/4" lg; 4 color coded dots, gray, orange, gold, gold.   |                     |        | 16-C-73068-1059        |                |                |                       | CFM        | 92-5408F1                  | CFP        | S-92-5408F1                 | UH                |
| -472270             | COIL, RF: 4/12/49<br>pick-up loop for RF ammeter; single wnd, 1 loop (1 turn); shielded w/10" lg copper tubing silver pl; #24 AWG copper wire 1 1/4" lg; 2 1/2" lg x 1 3/8" wd x 3 29/32" h, o/a; air core, no form; two #8-32 tap x 3/8" d mtg holes on 3/8" mtg/c 1 end in coil base; 2 flex wire leads formed by ends of wire; p/o Navy Type 50278 Power Amplifier, CPT dwg RC6677-1.                              |                     |        | 16-C-71621-4172        |                |                |                       | CFT<br>CFT | F-21635-1-2<br>RC10783-1   |            |                             | TFA               |
| -472271             | COIL, RF: 5/10/48<br>parasitic suppreesor; 1 wnd, single layer wnd; unshielded; 7 turns 3/16" OD x 0.032" thk, wall copper tubing, cad pl; 4 13/16" lg x 2 1/16" wd x 3 1/16" h, o/a; self supporting, air core; two 0.180" diam mtg holes 4 3/16" c to c; 2 term extending 1" radially, then 1" axially; RH spiral.  |                     |        | 16-C-71922-1409        |                |                |                       | CFT        | RC-10771-2-1               |            |                             | TFA               |
|                     |   |                     |        |                        |                |                |                       |            |                            |            |                             |                   |
|                     |   |                     |        |                        |                |                |                       |            |                            |            |                             |                   |
|                     |   |                     |        |                        |                |                |                       |            |                            |            |                             |                   |

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

SHEET 47-547

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SHEET 47-547-1

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR         | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|--------------|----------------------------|------------|-----------------------------|-------------------|
| -472272               | COIL, RF: 5/10/48<br>parasitic suppressor; 1 wnd, single layer wnd; unshielded; 7 turns 3/16" OD x 0.032" thk wall copper tubing, cad pl; 4 13/16" lg x 2 1/16" wd x 3 1/16" h, o/a; self supporting, air core; two 0.180" diam mtg holes 4 3/16" c to c; 2 term extending 1" radially, then 1" axially; LH spiral.   |                     |        | 16-C-71922-1411        |                |                |                       | CFT          | BC-10771-2-2               |            |                             | TEA               |
| -472273               | COIL, RF: 6/10/48<br>RF choke; five pie universal wnd; unshielded; 2.1 millihenries; BS glass envelope, aluminum cap ends 1 5/8" lg x 1 1/16" diam o/a less term; ceramic form, air core; term mtd; 2 axial wire lead term 1 1/2" lg ea.  |                     |        | 16-C-74580-2034        |                |                |                       | CHEZ<br>CAEK | CL-1127<br>RCH-1           | CAY        | 7613283-P87                 | TS-148/UP         |
| -472274               | COIL, RF: 6/10/48<br>second IF coil; 1 wnd, single layer wnd; shielded, cylindrical aluminum shield; 70 microhenries; 33 1/2 turns SE Litz wire; 2 7/8" lg x 1" diam, o/a, less mtg stud; iron core; adj by tuning wrench; mtd by one 1/4"-20 thd mtg stud 1 end; two #6-32 thd screw term on end opposite mtg studs; resonates w/40 mmf p/m 5 mmf across term at 3 mc. |                     |        | 16-C-73646-6861        |                |                |                       | CAY<br>CHEZ  | 7713280-01<br>A-4004-A     | CAY        | 7613283-P85                 | TS-148/UP         |
| -472275               | COIL, RF: 5/20/48<br>choke; single pie, universal wnd; unshielded; 2.3 micro h p/m 5%, 50 ma max, approx 0.35 ohms DC resistance; 19 turns #34 AWG, copper, E, wire; 5/8" lg x 3/8" diam, o/a, excluding leads; phenolic form and core; 3/16" diam x 5/8" lg form; term mtd; 2 wire lead term 1 1/4" lg; color coded red, orange, gold, gold.                           |                     |        | 16-C-72873-6842        |                |                |                       | CFW          | 92-5410F1                  | CRP        | S-92-5410F1                 | VE                |
|                       |   |                     |        |                        |                |                |                       |              |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |              |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-547-1

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SHEET 47-548

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-------|----------------------------|------------|-----------------------------|-------------------|
| -472276               | COIL, RF: 5/24/48<br>choke; 1 wnd, 1 layer wnd; unshielded; 0.95 ohms DC resistance, oper at 30 mc; 70 turns #34 AWG, E, wire; 3/4" lg x 3/16" OD excluding leads; phenolic form and core; term mtd; 2 axial wire lead term 1 1/2" lg; coated w/coil dope.             |                     |        | 16-C-72666-3592        |                |                |                       | CBFD  | A-884(11)-13               |            |                             | AN/MPQ-2A         |
| -472277               | COIL, RF: 5/24/48<br>choke; 1 wnd, 1 layer wnd; unshielded; oper at 30 mc, 0.5 ohm DC resistance; 35 turns #34 AWG Formex wire; 1/2" lg x 1/8" OD excluding leads; phenolic form and core; term mtd; 2 axial wire lead term 1 1/2" lg; coated w/coil dope.             |                     |        | 16-C-72510-2894        |                |                |                       | CBFDC | A-884(11)-12A              |            |                             | AN/MPQ-2A         |
| -472278               | COIL, RF: 5/24/48<br>choke; 1 wnd, 1 layer wnd; unshielded; oper at 30 mc 3.4 ohm DC resistance; 76 1/2 turns #33 AWG Formex wire; 13/16" lg x 1/4" OD excluding leads; powdered iron core; term mtd; 2 axial wire lead term 1 1/2" lg; coated w/coil dope.            |                     |        | 16-C-72666-4842        |                |                |                       | CBFD  | A-884(11)-11A              |            |                             | AN/MPQ-2A         |
| -472279               | COIL, RF: 5/24/48<br>resistor and coil; 9/16" lg x 1/4" OD, excluding leads; 40 turns #30 AWG, formex wire around 1500 ohms, 1w resistor; uncase; 2 axial wire lead term 1 1/2" lg; term mtd; coated w/coil dope.  |                     |        | 16-S-89921-7429        |                |                |                       | CBFD  | A-884(11)-10A              |            |                             | AN/MPQ-2A         |
| -472280               | COIL, RF: 5/24/48<br>choke; 1 wnd, 4 pie universal wnd; unshielded; 25 microhenries at 2.5 mc, 1 ohm DC resistance, 50 ma DC; 1 3/4" lg x 3/8" wd x 7/8" h, o/s; phenolic form, air core; two #4-40 thd mtg holes 1 7/16" c to c; 2 solder lug term; varnish impr.     |                     |        | 16-C-73365-2254        |                |                | 30332-455-1           | OPW   | 15263                      | CBFD       | A-884(16)-110               | AN/MPQ-2A         |
| -472281               | COIL, RF: 5/24/48<br>choke; 1 wnd, 4 pie universal wnd; unshielded; 125 microhenries at 790 kc, 2.3 ohms DC resistance, 50 ma DC; 1 3/4" lg x 3/8" wd x 7/8" h, o/s; phenolic form, air core; two #4-40 thd mtg holes 1 7/16" c to c; 2 solder lug term; varnish impr. |                     |        | 16-C-73841-3773        |                |                | 30332-455             | OPW   | 15264                      | CBFD       | A-884(16)-111               | AN/MPQ-2A         |
|                       |  |                     |        |                        |                |                |                       |       |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |       |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-548

**RESTRICTED**

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SHEET 47-549

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472282               | COIL, RF:<br>osc, integral type; 1 wnd, epcl wnd; shielded, aluminum can; 526 micro h plus 0 minus 1 $\frac{1}{2}$ ; 205 turns #7-41 Litz wire tapped at 109 turns; 1 3/8" sq x 3 3/8" lg, o/a; phenolic form; tuning slug; scdr adj through top of can; two #6-32 thd mtg studs 1 5/16" o to c; 3 solder lug term 11/32" lg; wax impr.   | 5/24/48             |        | 16-C-76694-1509        |                |                |                       | CFW | 15262                      | CBFD       | A-884(72)-30                | AN/MPQ-2A         |
| -472283               | COIL, RF:<br>video pulse delay line; 1 wnd single layer close wnd; unshielded; approx 140 microhenrys, impedance 390 ohms for 0.3 microsec delay, approx 8 ohms DC resistance; wnd c/o 464 turns #32AWG copper, heavy Formex wire disposed in 8 sect of 58 turns ea, spaced 1" start to start of sect; 11" lg x 1/2" OD, not incl term; micarta form, air core; mts by two 0.154" diam holes on 10 1/2" mtg/c; 4 solder lug term; lumped cap to gnd provided by 3 silver foil stripes 9 1/2" lg x 0.32" wd spaced 1/8" apart under wnd. |                     |        | 16-C-73859-9692        |                |                | 206996-1372/1         | CFW | 15253                      | CBFD       | A-884(72)-42A               | AN/MPQ-2A         |
| -472284               | COIL, RF:<br>choke; 2 pie universal wnd, CT; rectangular aluminum can; 250 microhenrys at 1 kc, 500 ohms DC, 50 ma DC; 2 17/32" lg x 1 3/8" sq, less lugs and term; phenolic form, iron core; adj iron core; scdr adj on bottom; two #6-32 thd mtg studs 5/16" lg on bottom 1 5/16" c to c; 3 solder lug term; marked #13174.   | 5/11/48             |        | 16-C-76678-4283        |                |                |                       | CFW | 13174                      | CBFD       | A-884(72)-1A                | AN/MPQ-2A         |
| -472285               | COIL, RF:<br>ant coil; 3 pie universal wnd; unshielded; wnd A has 250 turns, wnd B has 200 turns, wnd C has 300 turns #3-41 Litz wire, 750 total turns; 1 15/16" lg x 1 1/4" diam, excluding tuning screw and knob; phenolic form, air core; form 1 11/16" lg x 0.437" diam; adj iron core; fibre rod pinned to adj screw, rod 1 1/4" lg; 2 mtg inserts for #4-40 thd screw on 29/32" mtg/c; 4 solder lug term.   | 6/2/48              |        | 16-C-76570-4348        |                |                |                       | CWI | 21178-1                    |            |                             | TS-635/UP         |
| -472286               | TRANSFORMER, RF:<br>osc; pri universal pie wnd, sced c/o 4 universal pie wnd; unshielded; pri 80 turns, sced 911 turns tapped at 100 and 375 turns, all #34 AWG, copper, E, S, wire; 2 1/2" lg x 1 3/16" diam, o/a; steatite form, iron core; adj iron core; scdr adj 1 end; 7/16"-20 thd mtg bushing 5/8" lg; 6 solder lug term.   | 6/2/48              |        | 17-T-82460-1126        |                |                |                       | CWI | 3940-1                     |            |                             | TS-635/UP         |

SHEET 47-549

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

**RESTRICTED**

**RESTRICTED**

SHEET 47-550

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472287               | TRANSFORMER, RF: 6/2/48<br>coupling; 1 wnd, universal wnd, 2 pie sect in series; shielded, rectangular aluminum can; freq range 110 to 220 kc; 3 5/16" lg x 13/16" wd x 13/16" h, o/a;<br><br>phenolic form, iron core; adj iron core; scdr adj on top of can; two #2-56 thd mtg holes 17/32" c to c; 4 solder lug term; contains 33,000 ohm, 1/2w resistor, and 470 muf mica capacitor.   |                     |        | 16-C-76181-1613        |                |                |                       | CWI  | 21146-1                    |            |                             | TS-635/UP         |
| -472288               | TRANSFORMER, RF: 6/2/48<br>ant; 2 wnd, single layer wnd; unshielded; pri 2 turns, secd 75 turns #30 AWG, copper, E, wire; 2 17/32" lg x 1 1/4" diam, o/a; phenolic form, iron core; adj iron core; scdr adj on mtg end; 4 solder lug term; 7/16"-20 thd mtg bushing 5/8" lg.   |                     |        | 17-T-82436-6575        |                |                |                       | CWI  | 21175-1                    |            |                             | TS-635/UP         |
| -472289               | TRANSFORMER, RF: 6/2/48<br>ant coupling; pri single layer wnd, secd universal wnd; shielded w/powdered iron cups; pri 35 turns #30 copper, ES wire, secd 378 turns #15-44 Litz wire; 1 5/8" lg x 2 1/2" wd x 2 1/16" h, excluding mtg stud; powdered iron form and core; slug tuned; scdr adj at 1 end; two #6-32 thd mtg holes 2" c to c; 4 solder lug term.  |                     |        | 17-T-81696-5660        |                |                |                       | CWI  | 21141-1                    |            |                             | TS-635/UP         |
| -472290               | COIL, RF: 6/9/48<br>choke; 5 universal type wnd connected in series; unshielded; total inductance 17.5 millihenries, total resistance 22 ohms; 4 3/8" lg x 2" diam, excluding mtg screws; isolantite form, air core; form 3/4" diam x 4 3/8" lg o/a; has screw ea end for mtg, 1 end #8-32 thd x 3/8" lg, other end #1/4-20 x 5/8" lg; 2 cotter pin term, 1 ea end through rad of coil form; p/o Navy Type 52194-A, 2 kw Exciter; same as Navy Type 472291 except does not have connector studs between wnd. |                     |        | 16-C-75266-4285        |                |                |                       | CG   | ML-7464048-G1              |            |                             | TCG-2             |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-550

**RESTRICTED**

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SHEET 47-551

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472291               | COIL, RF: 6/9/48<br>choke; 5 universal type wnd connected in series; unshielded; total inductance 17.5 millihenries, total resistance 22 ohms; 4 3/8" x 2" diam, excluding term and connecting studs; isolantite form, air core; form 3/8" diam x 4 3/8" lg, o/a; screw on ea end for mtg, 1 end #8-32 thd x 3/8" lg, other end #1/4-20 thd x 5/8" lg; 2 cotter pin term, 1 ea end through rad of coil form, and four 1/4" diam x 1 3/8" lg connecting etude between wnd; p/o Navy Type 52194-A, 2 kw Exciter; same as Navy Type 472290 except has connector studs between wnd. |                     |        | 16-C-75266-4290        |                |                |                       | CG   | ML-7465049-G1              |            |                             | TCG-2             |
| -472292               | COIL, RF: 6/9/48<br>choke; 1 wnd; 1 single layer space wnd; unshielded; 18 turns #12 AWG tinned copper wire; approx 6 7/16" lg x 2 11/16" wd x 3 1/16" h, o/a; grooved isolantite form, air core; approx 6 7/16" lg x 2" diam o/a; mtd by four 0.18" mtg holes on base of "U" mtg bkt on 5 15/16" x 1 7/16" mtg/c; 2 screw type term on side; p/o Navy Type 52194, 2 kw Exciter.  |                     |        | 16-C-72254-6515        |                |                |                       | CG   | ML-7463873-G1              |            |                             | TCG-2             |
| -472293               | COIL, RF: 6/10/48<br>choke; 1 wnd, 3 layer wnd; unshielded; 4500 microhenry, 2.4 ohms DC resistance, 1000 cps test, 1 amp; 250 turns 0.048" diam DC wire; 7 1/2" lg x 6 1/4" wd x 4 7/8" h, o/a; textolite form, air core; mts on two 1 1/2" diam x 2 1/4" h ins w/one 1/4"-20 thd mtg hole in ea 6" c to c; two #10-32 thd x 7/8" lg stud term.  |                     |        | 16-C-74857-9484        |                |                |                       | CG   | F7770680-1                 |            |                             | AN/FRT-4          |
| -472294               | RF COIL: 6/11/48<br>choke; single wnd, step random wnd 8 turns per step; unshielded; 10.6 micro h p/m 5% inductance at 7.9 mc; 72 turns of #8-44 copper, single nylon covered Formex wire; 1/2" lg x 5/32" d, less leads; phenolic form CPQ part #CF 5/32 air core; form 1/2" lg x 5/32" diam; mtd by leads; 2 axial wire leads 1 1/2" lg.  |                     |        | 16-C-73135-1311        |                |                |                       | CG   | K-7116502-G1<br>rev 6      |            |                             | VK                |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-551

**RESTRICTED**

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SHEET 47-552

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472295               | COIL, RF: 6/11/48<br>osc; 2 wnd, single layer wnd; unshielded; pri 3 turns #30 AWG wire, secd 47 turns #10-42 Litz wire; 2 1/32' lg x 13/32' diam excluding term; lam phenolic form, iron core; coil form 0.253" ID x 5/16" OD x 1 23/32' lg; fixed; mts by #4-40 thd stud 5/16' lg at 1 end; 4 solder lug term, 1 on bottom, 3 on top; color coded w/blue dot and white dot; wax impr.   |                     |        | 17-T-82061-9176        |                |                | 3C1084Z6-24           | CRV  | P-737946-501<br>sub 4      |            |                             | AN/GRC-13         |
| -472296               | COIL, RF: 6/11/48<br>osc; 2 wnd, single layer wnd; unshielded; pri 11 turns #30 AWG wire, secd 34 turns #10-42 Litz wire; 2 1/32' lg x 13/16' diam excluding term; lam phenolic form, iron core; coil form 0.253" ID x 5/16" OD x 1 23/32' lg; fixed; mts by #4-40 thd stud 5/16' lg at 1 end; 4 solder lug term, 1 on bottom 3 on top; color coded w/black dot, and white dot; wax impr.   |                     |        | 17-T-82064-3786        |                |                | 3C1084Z6-25           | CRV  | P-737946-502<br>sub 4      |            |                             | AN/GRC-13         |
| -472297               | COIL, RF: 6/11/48<br>osc; 2 wnd, single layer wnd; unshielded; pri 4 turns #10-42 Litz wire, secd 19 turns #10-42 Litz wire; 2 1/32' lg x 13/32' OD excluding term; lam phenolic form, iron core; coil form 0.253" ID x 5/16" OD x 1 23/32' lg; fixed; mts by #4-40 thd stud 5/16' lg at 1 end; 4 solder lug term, 1 on bottom, 3 on top; color coded w/green dot, and white dot; wax impr.   |                     |        | 17-T-82062-2876        |                |                | 3C1084Z6-26           | CRV  | P-737946-503<br>sub 4      |            |                             | AN/GRC-13         |
| -472298               | COIL, RF: 6/18/48<br>converter; 1 wnd, universal pie wnd; cylindrical metal can; 25 microhenries p/m 5%, 160 ohms DC resistance; 1385 turns; 2 1/8" diam x 3 1/16" lg, less term and mtg stud; air core; built in trimmer capacitor; adj by hex nut on top of can; mtd by three #6-32 x 5/8" lg thd screws extending through bottom of can, spaced 120 deg apart on 27/32" rad; 3 solder lug term on bottom of can; incl following CBM part/dwg #744-379 capacitor, part/dwg #1000E-44 capacitor, and part/dwg #738-1284 resistor; p/o Navy Type 46293 Receiver Amplifier Unit. |                     |        | 16-C-76636-8134        |                |                |                       | CBM  | 1008-3023                  |            |                             | NGA-1             |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

**RESTRICTED**

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SHEET 47-553

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER         | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|------------------------------------|------------|-----------------------------|-------------------|
| -472299               | <p>TRANSFORMER, RF: 6/18/48<br/>                     converter oec transf; 2 universal pi wnd; shielded; 1385 turns of #38AWG, S, E, wire; dimen 4 9/32" lg x 2 1/8" diam, less term; phenolic form v/air core; tuned by built in trimmer capacitor; scdr adj at end; mtd by 3 screw stude thd for #6-32 thd x 5/8" lg spaced 120 deg apart; 5 solder lug term at mtg end;</p> <p>1 fixed resistor, 2 fixed capacitors, 1 trimmer capacitor; p/o Navy Type 46293 Receiver Amplifier Unit.</p>                           |                     |        | 17-T-81399-2252        |                |                |                       | CBM        | 1008-3024 alt 0                    |            |                             | NGA-1             |
| -472300               | <p>TRANSFORMER, RF: 6/18/48<br/>                     EPO coupling; c/o two 82.5 millihenries coil, one 25 millihenries coil and one 12.85 millihenries coil; cylindrical aluminum can; body dimen 4 3/8" lg x 2 1/8" OD; phenolic form air core; built in trimmer; scdr adj thru top; mtd by three #6-32 mtg, stud 120 deg apart on 27/32" rad; 4 solder lug term on bottom; incl one 240 mmf, 500v, DC and one 5 mmf min 97 mmf max capacitors, coils collodion impr; p/o Navy Type 46293 Receiver Amplifier Unit.</p> |                     |        | 17-T-81378-7653        |                |                |                       | CBM<br>CBM | 1008-3026 alt 2<br>1008-3008 alt 1 |            |                             | NGA-1             |
| -472301               | <p>TRANSFORMER, IF: 6/18/48<br/>                     interstage; c/o two 82.5 millihenries coils, one 25 millihenries coil and one 12.85 millihenries coil; cylindrical metal can; body dimen 4 3/8" lg x 2 1/8" OD; phenolic form air core; built in trimmer; scdr adj thru top; mtd by three #6-32 mtg stude, 120 deg apart on 27/32" rad; 4 solder lug term on bottom; incl one 200 mmf, 500v, DC and one 5 mmf min, 97 mmf max capacitors, coils collodion impr; p/o Navy Type 46293 Receiver Amplifier Unit.</p>   |                     |        | 17-T-81379-1353        |                |                |                       | CBM<br>CBM | 1008-3025 alt 2<br>1008-3008 alt 1 |            |                             | NGA-1             |
| -472302               | <p>TRANSFORMER, VARIABLE RE: 6/21/48<br/>                     line tuning; 2 wnd, single and double bank wnd; unshielded; 660 micro h max, 140 micro h min at 1000 cye, 0.2 ohms DC resistance; stator 11 turns 12/32/0.005" Litz wire, rotor 20 turns 12/32/0.005" Litz wire; 23 9/16" lg x 16 3/4" wd x 16" h, o/a; textolite form, air core; var linkage adj; handwheel adj; 4 mtg ft on 12 1/2" x 12" mtg/c ea w/two 9/32" diam mtg holes 2 1/4" c to c; two 1/4"-20 thd x 1 3/4" lg stud term.</p>                 |                     |        | 17-T-84040-2746        |                |                |                       | OG         | P-7772001-P1                       |            |                             | AN/FRS-4          |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
 SUPPLEMENT # 1

SHEET 47-553

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SHEET 47-554

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472303               | TRANSFORMER, VARIABLE RF: 6/24/48<br>line terminating; solenoid wnd pri, var seed; unshielded; pri 990 microhenry max, 430 microhenry min, rotor 260 microhenry, 1/2 stator 190 microhenry, seed 50 microhenry; pri 24 turns 12/32/0.005" Litz wire, seed 10 turns 20/12/30/0.005" Litz wire; 47 13/16" wd x 39" h x 75 1/4" lg, o/a; textolite form, air core; var linkage adj; hand wheel adj; 4 mtg feet 21 1/2" sq ctr, two 1/2" diam mtg holes 7" c to c in ea; two 2" lg copper tubing term, two 1/4"-20 thd stud term. |                     |        | 17-T-84037-2601        |                |                |                       | CG  | P-7666500                  |            |                             | AN/FRT-4          |
| -472304               | TRANSFORMER, RF: 6/30/48<br>plate coupling type, approx 4000 ohm pri impedance at 1000 cyc; approx 4000 ohm seed impedance at 1000 cyc, pri DC resistance 1.2 ohms, seed DC resistance 8 ohms, seed inductance 1.50 millihenries, capacity 160 mmf; open steel frame, iron core; 4 5/8" h x 3 1/2" lg x 1 3/4" wd, o/a; 150 v max oper; turns ratio 1 to 1, varnish impr; freq response 20 kc or 65 kc; 4 flex wire lead term from sides; clamped by metal band on bottom of transf.  |                     |        | 17-T-82104-2925        |                |                |                       | CBM | U336CW alt 0               |            |                             |                   |
| -472305               | TRANSFORMER, RF: 6/30/48<br>coupling transf; 2 wnd; unshielded, open frame; seed 450 milli h inductance, 8.1 ohms DC resistance, pri impedance 60000 ohms at seed resonance, 1.4 ohms DC resistance; pri c/o 240 turns #60/385 Litz wire, 3500 vact to gnd at 60 cyc, seed c/o 448 turns #21/385 Litz wire, 4500 vact to gnd at 60 cyc; 4 5/8" lg x 3 13/16" wd x 2" d, o/a; Hypersil core; no mtg arrangement; electrostatic shield between pri and seed; p/o Navy Type 78258 Transducer (Null).                             |                     |        |                        | N16-T-7002-4   |                |                       | CBM | 336DD                      |            |                             | WFA-1             |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

SHEET 47-554

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SHEET 47-555

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472306               | <p>TRANSFORMER, IF: 7/6/48</p> <p>BFO transf; 3 wnd; BS metal case; inductance, wnd 1 to 2, 5.6 millihenries p/m 1<math>\frac{1}{2}</math>, wnd 3 to 4, 1.0 millihenries p/m 1<math>\frac{1}{2}</math>, wnd 5 to 6, 0.25 millihenries p/m 10<math>\frac{1}{2}</math>; wnd 1 to 2 c/o 790 turns #30 AWG, ES wire, wnd 3 to 4 c/o 240 turns #30 AWG, ES wire, wnd 5 to 6 c/o 120 turns #28 AWG, ES wire, ino 500V, DC; case 2 1/2" wd x 1 3/4" h x 3 1/2" lg, less term and mtg studs; iron core; 2 built-in 300 muf fixed capacitors across wnd 1 to 2; two #8-32 thd studs on 1 3/4" mtg/o; 6 glass sealed solder tab term; freq range 60 to 61.6 kc w/l ext 500 muf fixed capacitor and one 140 muf var capacitor across wnd 1 to 2; p/o Navy Type 46262-A Receiver-Amplifier.</p> |                     |        | 17-T-81202-7075        |                |                |                       | CBM  | 336CX alt 4                |            |                             | WFA-1             |
| -472307               | <p>TRANSFORMER, IF: 6/30/48</p> <p>osc; 2 wnd ea CT, bifilar wnd; shielded, metal can; 4 1/4" lg x 2 1/8" OD, less term and mtg attachments; phenolic form, air core; 3 7/16" lg x 9 1/16" OD core form; three #6-32 thd x 1/2" lg nickel pl brass hex nut for mtg on bottom on 7/8" rad; five wire lead term, color coded; fungicidal varnish dipped, wnd #1 inductance 5.363 millihenries, 630 turns #3-40 Litz wire, 45 ohms, DC resistance, wnd #2 inductance 87 millihenries, 3210 turns #3-40 Litz wire, 245 ohms, DC resistance; incl 2 capacitors, ea wnd c/o 2 sect ea in series.</p>  |                     |        | 16-C-75939-5985        |                |                |                       | CBM  | 01002-3021 alt 5           |            |                             | NGA               |
| -472308               | <p>TRANSFORMER, IF: 7/1/48</p> <p>67 ko; 3 5/8" h x 2 1/8" diam, o/a; cylindrical metal case; three #6-32 thd x 1/2" lg mtg studs equally spaced on 1 11/16" diam; 3 solder lug term; incl 0.001 mfd var air capacitor, 150 muf mica capacitor, and 100000 ohms p/m 10<math>\frac{1}{2}</math>, 1w resistor.</p>  |                     |        | 16-F-32603-8321        |                |                |                       | CBM  | 1008-3010                  |            |                             | WFA-1             |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-555

**RESTRICTED**

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SHEET 47-556

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFG | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472309               | TRANSFORMER, IF: 7/1/48<br>87 kc converter osc transf; 2 wnd, ea 1 pie universal wnd; round metal shield; 25 mill h p/m 5% ea wnd, oper 87 kc, 160 ohms DC resistance, 15 ma DC; 1385 turns #38 SE wire ea wnd; 4 7/8" h x 2 1/8" diam, o/a; ceramic form, air core; tuned by built-in trimmer capacitor; scdr adj top of can; mtd by three #6-32 thd x 1/2" lg mtg studs equally spaced on 1 11/16" diam bolt circle; 5 solder lug term on bottom; incl 100 muf var air capacitor, 0.001 mfd p/m 10% mica capacitor, 50 muf p/m 10% mica capacitor and 100000 ohms p/m 10%, 1w resistor. |                     |        | 17-T-81631-5876        |                |                |                       | CBM | 1008-3011                  |            |                             | WFA-1             |
| -472310               | TRANSFORMER, IF: 7/1/48<br>20 kc peak freq; interstage; shielded; 4 7/8" lg x 2 1/8" diam, o/a; ceramic form, air core; tuned secd only; var air capacitor tuning; three mtg screws #6-32 thd x 5/8" lg on 27/32" rad spaced 120 deg. apart; five solder lug term; p/o Navy Type 46260, Receiver Amplifier.   |                     |        | 17-T-67415-7087        |                |                |                       | CBM | 1008-3013 alt 1            |            |                             | NGA               |
| -472311               | COIL, RF: 7/1/48<br>choke; 1 wnd, single layer wnd; unshielded; 0.58 microhenry at 100 ma DC, 0.01 ohms DC resistance; 9 turns #20 wire tapped 5 turns from mtg end; 1 51/64" lg x 1 5/16" wd x 9/16" h, o/a; bakelite form, air core; two #4-40 thd mtg holes 3/4" c to c; 2 solder lug and 1 wire loop term 1/2" lg, 3 term total.  |                     |        | 16-C-72749-4693        |                |                |                       | CFT | FRA-18731-2                |            |                             | RED               |
| -472312               | TRANSFORMER, RF: 7/1/48<br>doubler; 2 wnd, single layer wnd; unshielded; pri 0.34 microhenries, 40 to 70 mc, 0.01 ohms DC resistance, secd same as pri; pri 5 5/8 turns, secd 6 turns tapped at 2 7/8 turns, both #20 AWG bare copper wire; 1 51/64" lg x 1 1/16" wd x 9/16" h, less tuning slug and term; bakelite form, powdered iron core; adj iron core; scdr adj on bottom; two #4-40 thd mtg holes 3/4" c to c; 3 solder lug term and 1 post term 1/2" lg.  |                     |        | 17-T-82216-1516        |                |                |                       | CFT | FRA-18730-2                |            |                             | RED               |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-556

**RESTRICTED**

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SHEET 47-557

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472313               | TRANSFORMER, IF: 7/2/48<br>18.6 mc; interstage; unshielded; 1 1/16" lg x 9/16" wd x 1 31/64" h, o/a excluding term and tuning slug; powdered iron core; pri and secd tuned by single tuning slug; iron core tuned by scdr adj 1 end; mtd by two #4-40 thd mtg holes on 3/4" mtg/c; 4 solder lug term on bottom; pri 0.7 microhenry, secd 0.15 microhenry, pri 7 1/4 turns #26 AWG wire, secd 1.83 turns #26 AWG wire, bakelite form, powdered iron core, single layer wnd. |                     |        | 17-T-68163-637L        |                |                |                       | CFT | FRA-18728-2                |            |                             | RED               |
| -472314               | COIL, RF: 7/2/48<br>choke; 1 wnd, single layer wnd; unshielded; 0.339 microhenry measured at 10 and 20 mc at 2 amp DC, 0.013 ohms DC resistance; 7 1/2 turns #22 E wire; 1 3/8" lg x 3/8" diam, o/a w/o term; phenolic form and core; one #6-32 thd mtg hole axially in 1 end; 2 solder lug term.  |                     |        | 16-C-72730-3773        |                |                |                       | CFT | FRA-2720-1                 |            |                             | RED               |
| -472315               | COIL, RF: 7/2/48<br>choke; 1 wnd, single layer wnd; unshielded; 0.09 microhenry measured at 25 and 50 mc, 100 ma DC, 0.007 ohms DC resistance; 3 turns #20 wire CT; 2 1/4" h x 1 1/16" wd x 9/16" h, o/a; bakelite form, brass core; adj brass core; scdr adj on bottom; two #4-40 thd mtg holes 3/4" c to c; 2 solder lug term.   |                     |        | 16-C-76515-7826        |                |                |                       | CFT | FRA-18732-2                |            |                             | RED               |
| -472316               | FILTER, BAND PASS: 6/29/48<br>87 kc peak freq; 3 5/8" lg x 2 1/8" diam o/a; high input and output impedance except for low impedance at 87 kc; cylindrical metal case; 3 mtg screws #6-32 thd x 5/8" lg on 27/32" rad, spaced 120 deg apart; 2 solder lug term; series resonant ckt, used as a wave trap; p/o Navy Type 46260 Receiver-Amplifier.  |                     |        | 16-F-34000-1026        |                |                |                       | CBM | 1008-3012                  |            |                             | NOA               |
| -472317               | TRANSFORMER, IF: 7/16/48<br>912 kc peak; interstage; shielded; 4 1/8" lg x 1 7/16" sq, o/a; phenolic form; tuned pri and secd; 2 slugs, adj iron core tuning, scdr adj; two #4-40 thd mtg studs, 1 5/16" c to c; 6 solder lug term; incl 2 JAN CM20C18LJ fixed capacitors.   |                     |        | 17-T-67717-2506        |                |                |                       | CBZ | A-4661                     |            |                             | OCT-2<br>OCT-3    |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-557

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SHEET 47-558

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472318               | COIL, RF: 7/12/48<br>choke; 1 wnd, 4 pie universal wnd; unshielded; 2.5 milli h p/m 10%, 40 ohms DC resistance, 50 ma, Q greater than 40 at 500 kc; 1" lg x 1/2" diam, excluding leads; solid phenolic form; term mtd; 2 axial wire lead term.  |                     |        | 16-C-74667-8609        |                |                |                       | CNA | R-20                       | CHZ        | GL-1146                     | OCT-2<br>OCT-3    |
| -472319               | COIL, RF: 7/13/48<br>resistor and coil; 13/32" lg x 5/16" diam, excluding leads; 99 turns #7-44 CE wire, 36.5 micro h p/m 5%, CBZ type EB-2725 resistor; mtd by term; 2 axial wire lead term.   |                     |        | 16-S-89777-5161        |                |                |                       | CHZ | A-4715-1                   |            |                             | OCT-2<br>OCT-3    |
| -472320               | COIL, RF: 4/13/48<br>resistor and coil; 13/32" lg x 9/16" diam, excluding leads; 200 turns #7-44 CE wire, 180 micro h p/m 5%, CBZ type EB-8225 resistor, 8200 ohms, 1/2w, p/m 5%; mtd by term; 2 axial wire lead term.  |                     |        | 16-S-89793-4672        |                |                |                       | CHZ | A-4715-3                   |            |                             | OCT-2<br>OCT-3    |
| -472321               | COIL, RF: 4/13/48<br>resistor and coil; 13/32" lg x 0.140" diam, excluding leads; 28 turns #34 AWG wire, 1.5 micro h p/m 10%, CEZ type EB-5631 resistor 56000 ohms, 1/2w, p/m 10%; mtd by term; 2 axial wire lead term.   |                     |        | 16-S-89720-8181        |                |                |                       | CHZ | A-4715-4                   |            |                             | OCT-2<br>OCT-3    |
| -472322               | TRANSFORMER, IF: 7/16/48<br>512 kc peak freq; discriminator; shielded; 4 17/32" h x 2 5/16" wd x 1 1/2" lg, o/a; solid phenolic core; tuned pri and sec'd; dual var air capacitor; two #6-32 thd mtg studs 1/2" lg, 1 21/32" c to c; 6 solder lug term; incl 3 JAN capacitors CM20C271K, CC3600680J, CC21RH270J, 1 CHZ #A-4754 coil, 1 dual var capacitor CHZ #CU-1018.       |                     |        | 17-T-67156-4649        |                |                |                       | CHZ | A-4662                     |            |                             | OCT-2<br>OCT-3    |
| -472323               | TRANSFORMER, RF: 7/16/48<br>ant tuning; 2 wnd, universal wnd; unshielded; pri 10 micro h, sec'd 72 micro h at 900 kc; pri 20 turns #44 CE wire, sec'd 57 turns #44 CE wire; 2 1/16" lg x 15/16" diam, o/a; phenolic form, iron core; form 1 5/32" lg x 3/4" diam; permeability tuned; acdr adj on top; 1/4" -28 thd mtg bushing 5/16" lg; 4 solder lug term; marked A-4663-1. |                     |        | 17-T-82296-1742        |                |                |                       | CHZ | A-4663-1                   |            |                             | OCT-2<br>OCT-3    |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-558

**RESTRICTED**

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SHEET 47-599

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472324               | TRANSFORMER, RF: 7/16/48<br>ant tuning; 2 wnd, single layer wnd; unshielded; secd 25 turns #27 E wire, pri 4 1/2 turns #27 E wire; 2 1/16" lg x 15/16" diam, o/a; phenolic form, air core; form 1 5/32" lg x 3/4" diam; permeability tuned; scdr adj on top; 1/4" -28 thd mtg bushing 5/16" lg; 4 solder lug term; marked A-4663-2.   |                     |        | 17-T-82437-4543        |                |                |                       | CEZ | A-4663-2                   |            |                             | OCT-2<br>OCT-3    |
| -472325               | COIL, RF: 7/19/48<br>RF osc; single wnd, single layer wnd; unshielded; 3l p/m 1 microhenry at 2 mc Q is 200 p/m 15%, less than 1 ohm DC; 29 turns #25 AWG, copper, E, wire, tapped at 8 and 20 turns; 3 1/2" lg x 2 1/16" h x 1 7/16" wd, o/a, incl term and spacers; ceramic form, powdered iron core; coil form 3 1/2" lg x 1" diam; two #6-32 thd mtg holes 3 1/8" c to c; 4 solder lug term; marked A-4700; wax impr. |                     |        | 16-C-73435-1812        |                |                |                       | CEZ | A-4700                     |            |                             | OCT-2<br>OCT-3    |
| -472326               | TRANSFORMER, RF: 7/19/48<br>ant tuning; 2 wnd, single layer wnd; unshielded; pri 2 1/2 turns #21 E wire, secd 11 1/4 turns #21 E wire; 2 1/16" lg x 15/16" diam, o/a; phenolic form, iron core, form 3/4" diam x 1 5/32" lg; permeability tuned; scdr adj on top; 1/4" -28 thd mtg bushing 5/16" lg; 4 solder lug term; marked A-4663-3.  |                     |        | 17-T-82436-8153        |                |                |                       | CEZ | A-4663-3                   |            |                             | OCT-2<br>OCT-3    |
| -472327               | TRANSFORMER, RF: 7/19/48<br>ant tuning; 2 wnd, single layer wnd; unshielded; pri 1 1/2 turns #21 E wire, secd 4 turns #21 E wire; 2 1/16" lg x 15/16" diam, o/a; phenolic form, iron core; form 3/4" diam x 1 5/32" lg; permeability tuned; scdr adj on top; 1/4" -28 thd mtg bushing 5/16" lg; 4 solder lug term; marked A-4663-4.   |                     |        | 17-T-82436-5443        |                |                |                       | CEZ | A-4663-4                   |            |                             | OCT-2<br>OCT-3    |
| -472328               | COIL, RF: 8/2/48<br>choke; single wnd, universal wnd; unshielded; 50 microhenries p/m 10%, 10 mc, 0.6 ohms DC resistance, 15 ma; 80 turns #38 E wire; 7/16" lg x 21/64" diam, o/a excluding leads; bakelite form, air core; term mtd; 2 wire lead term 1 1/2" lg; fungicide impr form.  |                     |        | 16-C-73539-7634        |                |                |                       | CRV | K-7102208P4                |            |                             | AN/SMD-1          |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-599

**RESTRICTED**

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SHEET 47-560

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472329               | COIL, RF: 9/3/48<br>filter for grid ammeter tripler tube; 1 wnd, single layer wnd; unshielded; 8 1/4 turns #20 AWG tinned copper wire; 1 1/2" lg x 29/32" wd x 3/8" thk, o/a; co-polymer of styrene coil form, air core; mts by means of #4-40 tapped hole at end of form; w/brass bushing.   |                     |        | 16-C-71966-6079        |                |                | 301084-20             | CRV | 889883-501                 |            |                             | RDR               |
| -472330               | COIL, RF: 9/3/48<br>RF choke; 1 wnd, single layer wnd; unshielded; 16 turns #24 AWG, E, wire; 3/8" lg x 3/32" ID; air core 2 axial wire leads 3/4" lg.  |                     |        | 16-C-72208-3701        |                |                |                       | CRV | 8855989-1                  |            |                             | RDR               |
| -472331               | SUPPRESSOR, PARASITIC: 3/9/48<br>resistor and coil; 2.36" lg x 1/2" diam, o/a; 27 ohms, 1w resistor, 15v at 35 amp, 8 turns #10 AWG tinned copper wire, resistor in ctr; uncased; mts by coil ends; 2 round ends of coil bent in 5/64" rad circle, 2" mtg/c.  |                     |        | 16-S-89862-1202        |                |                | 321891-11.8           | CRV | 888570-501                 |            |                             | MAR               |
| -472332               | COIL, RF: 9/17/48<br>choke; 1 wnd, single layer wnd; unshielded; 164 micro h p/m 2% at 1000 cps, 0.05 amp DC, 3.535 ohms DC resistance; 99 turns #28 wire; 1 5/8" lg x 1 3/8" wd x 1 1/8" d, o/a; cerex form, air core; 1" OD x 1 5/8" lg form; two 0.147" diam mtg holes 1/2" c to c; 1 solder lug term, one 1 1/2" lg wire lead term; marked Navy Type 472332; 115 min Q at 2 mc, w/ 36 mmf cap in parallel.                        |                     |        | 16-C-73904-6502        |                |                |                       | CRV | K-8888931-501              |            |                             | TEG-1             |
| -472333               | COIL, RF: 9/17/48<br>choke; single wnd, single layer wnd; unshielded; 112 micro h p/m 2% at 1000 cps, 0.235 amp, 2.62 ohms DC resistance; 2" lg x 1 1/16" OD, o/a, less term; cerex form, air core; 1" OD x 2" lg form; two 0.147" diam mtg holes 1/2" c to c; 2 solder lug term; marked w/Navy Type 472333; 115 min Q at 2 mc w/55 mmf capacitor in parallel.  |                     |        | 16-C-73802-8332        |                |                |                       | CRV | K-8888931-502              |            |                             | TEG-1             |
| -472334               | COIL, RF: 9/17/48<br>osc tank coil; single universal wnd; shielded, rectangular can; inductance 9.05 microhenries w/core; 837 turns 0.0132" diam, SE wire; dimen 1 5/8" lg x 1 5/8" wd x 2 7/8" h, o/a; phenolic form, powdered iron core; adj iron core; adj screw through top of can; 2 mtg lugs on side at bottom on 3/4" mtg/c, 1 mtg lug on opposite side; 2 wire leads on bottom; freq 81.95 kc; p/o NF-23AEN Console Assembly. |                     |        | 16-C-76613-1473        |                |                |                       | CG  | 54J104-01 rev 0            |            |                             | SP                |

SHEET 47-560

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

**RESTRICTED**

SHEET 47-561

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472335               | COIL, RF: 9/17/48<br>osc tank coil; single universal wnd; shielded, rectangular can; inductance 47 microhenries w/core; 1700 turns 0.0088" diam SE wire CT; dimen 1 5/8" lg x 1 5/8" wd x 2 7/8" h, o/a; phenolic form, powdered iron core; adj iron core; adj screw through top of can; 2 mtg lugs on side at bottom on 3/4" mtg/c, 1 mtg lug on opposite side; 3 wire leads on bottom; freq 16.39 kc; p/o NT-23AEN Console Assembly.                |                     |        | 16-0-76647-3429        |                |                |                       | CG  | K-54J104-02<br>rev 0       |            |                             | SP                |
| -472336               | TRANSFORMER, RF: 9/17/48<br>freq 30,000 kc; input; unshielded; 1 13/16" lg x 1 1/2" wd x 7/8" h, o/a; iron core; tuned secd only; adj iron core tuning; mtd by two 3/16" mtg holes on 1 1/4" mtg/c on bottom of base; 4 solder lug term; pri 10 1/2 turns 0.0169" diam Formex wire, secd 17 1/2 turns 0.0169" diam Formex wire; p/o NT-46ADF Oscillator-Pre-Amplifier Unit.   |                     |        | 17-T-68243-9409        |                |                | 229642.86             | CG  | K-54J307-P2<br>rev 5       |            |                             | SP                |
| -472337               | TRANSFORMER, RF: 9/20/48<br>1st IF stage; p/o Navy Type 23AEN Console Assembly; varnished steatite ceramic body impr for tropical use w/iron core and powdered iron slug; 30 mc input freq, single tuned 0.026 ohms DC resistance at 20°C; 10 1/2 turns #26 AWG wire pri, 17 1/2 turns #26 AWG wire secd, adj iron core; 1 5/8" lg x 31/32" wd x 1 3/8" h, o/a body dimen; two 0.156" diam mtg holes at sides 1.250" c to c; slug tuning, unshielded. |                     |        |                        |                |                | 329642.85             | CG  | K-44J23-04                 |            |                             | SP-1M             |
| -472338               | TRANSFORMER, RF: 9/21/48<br>2nd IF stage; p/o Navy Type 23AEN Console Assembly; varnished steatite ceramic body w/copper core; 30 mc freq, single tuned, 0.020 ohms DC resistance at 20°C; 11 3/4 turns #24F NEMA wire, 4 solder lug term; 1 5/8" lg x 31/32" wd x 1 3/8" h, o/a body dimen; two 0.156" diam mtg holes at sides 1.250" c to c; slug tuning, unshielded, elongated channel.  |                     |        |                        |                |                | 229643.254            | CG  | E-54J74-02                 |            |                             | SP-1M             |
| -472339               | TRANSFORMER, RF: 9/21/48<br>5th IF stage; p/o Navy Type 23AEN Console Assembly; varnished steatite ceramic body w/copper core; 30 mc freq, single tuned, 0.020 ohms DC resistance at 20°C; 11 3/4 turns #24F NEMA wire, 4 solder lug term; 1 5/8" lg x 31/32" wd x 1 5/8" h, approx o/a body dimen; two 0.156" diam mtg holes at sides 1.250" c to c; elongated channel slug tuning, unshielded.  |                     |        |                        |                |                | 229643.249            | CG  | E-54J74-03                 |            |                             | SP-1M             |

SHEET 47-561

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL



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SHEET 47-562

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR      | MANUFACTURER'S PART NUMBER       | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|----------|----------------------------------|------------|-----------------------------|-------------------|
| -472340               | TRANSFORMER, RF: 9/21/48<br>output IF stage; p/o Navy Type 23AEN Console Assembly; varnished, steatite ceramic body w/copper core; 30 mc freq, single tuned 0.022 ohms DC resistance at 20°C; 12 3/4 turns #24F NEMA wire, 4 solder lug term; 1 5/8" lg x 31/32" wd x 1 5/8" h, approx o/a body dimen; two 0.156" diam mtg holes at sides 1.250" c to c; elongated channel, slug tuning, unshielded.   |                     |        |                        |                |                | 229643.248            | CG       | K-54J74-G1                       |            |                             | SP-1M             |
| -472341               | TRANSFORMER, RF: 9/21/48<br>3rd IF stage; p/o Navy Type 23AEN Console Assembly; varnished steatite ceramic body w/copper core; 30 mc freq single tuned 0.0135 ohms DC resistance at 20°C; 7 3/4 turns #24F NEMA wire, 4 solder lug term; 1 5/8" lg x 31/32" wd x 1 3/8" h, o/a body dimen; two 0.156" diam mtg holes at sides 1.250" c to c; elongated channel, copper slug tuning, unshielded.  |                     |        |                        |                |                | 229643.253            | CG       | K-54J75-G1                       |            |                             | SP-1M             |
| -472342               | TRANSFORMER, RF: 9/21/48<br>4th IF stage; p/o Navy Type 23AEN Console Assembly; varnished steatite ceramic body w/copper core; 30 mc freq, single tuned 0.022 ohms DC resistance at 20°C; 12 1/2 turns #24F NEMA wire, 4 solder lug term; 1 5/8" lg x 31/32" wd x 1 5/8" h, approx o/a body dimen; two 0.156" diam mtg holes at sides 1.250" c to c; elongated channel, slug tuned, unshielded.  |                     |        |                        |                |                | 229643.250            | CG       | K-54J75-G4                       |            |                             | SP-1M             |
| -472343               | TRANSFORMER, RF: 9/21/48<br>narrow band IF stage; p/o Navy Type 23AEN Console Assembly; varnished, steatite ceramic body w/powdered iron slug; 30 mc freq, single tuned 0.011 ohms DC resistance at 20°C; 4 1/2 turns #24F NEMA wire, 4 solder lug term; 1 5/8" lg x 31/32" wd x 1 5/8" h, approx o/a body dimen; two 0.153" diam mtg holes at sides 1.250" c to c; elongated channel, slug tuned, unshielded, high Q iron slug.                                       |                     |        |                        |                |                | 229643.251            | CG       | K-54J162-G1                      |            |                             | SP-1M             |
| -472344               | TRANSFORMER RF: 2/1/49<br>input coil; 1 single layer wnd solenoid wnd RH; unshielded; 30 mc, 0.025 ohms, DC resistance; 5 3/4 turns #24 AWG Formex wire; o/a dimen 1 5/8" lg x 31/32" wd x 1 3/4" h; ceramic form w/adj polystyrene slug; ceramic form 1 1/8" lg x 1/2" OD; adj polystyrene core; acdr adj; mte by two 0.156" diam holes on 1 1/4" mtg/c; 2 solder lug term in base; dipped in Zopher wax #1340; p/o Navy Type CG-46ADF Local Oscillator Preamplifier. |                     |        | 16-C-76250-5636        |                |                |                       | CG<br>CG | K-54J239-G1<br>rev 5<br>K-27J836 |            |                             | SP-1M             |

SHEET 47-562

RESTRICTED

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SUPPLEMENT # 1

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

**RESTRICTED**

SHEET 47-563

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFOR     | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|----------|----------------------------|------------|-----------------------------|-------------------|
| -472345               | TRANS FORMER, RF: 2/1/49<br>IF coil for amplr; 1 single layer wnd, 1 wnd RH wnd; unshielded; 30 mc, 0.022 ohm, DC resistance; c/o 12 3/4 turns #24 AWG Formex wire; o/a dimen 1 5/8" lg x 3 1/32" wd x 1 3/4" h; ceramic form w/adj polystyrene core; form 1 1/8" lg x approx 1/2" OD; adj polystyrene core; scdr adj; mts by two 0.156" diam holes on 1 1/4" mtg/c; 2 solder lug term in base; dipped Zophar wax #1340; p/o Navy Type CG-46ADP Local Oscillator-Preamplifier. |                     |        | 16-C-76343-5389        |                |                |                       | CG<br>CG | K44J323-G1<br>K27J836      |            |                             | SP-1M             |
| -472346               | TRANSFORMER, RF: 2/1/49<br>IF coil for amplr; 1 single layer wnd, 1 wnd, RH wnd; unshielded; 30 mc 0.028 ohm, DC resistance; c/o 15 3/4 turns #24 AWG Formex wire; o/a dimen 1 5/8" lg x 3 1/32" wd x 1 3/4" h; ceramic form w/adj polystyrene elug; form 1 1/8" lg x 1/2" OD; adj polystyrene core; scdr adj; mts by two 0.156" diam holes on 1 1/4" mtg/c; 2 solder lug term in base; dipped in Zophar wax #1340; p/o Navy Type CG-46ADG Local Oscillator-Preamplifier.      |                     |        | 16-C-76389-5636        |                |                |                       | CG<br>CG | K44J323-G2<br>K27J836      |            |                             | SP-1M             |
| -472347               | COIL, RF: 9/22/48<br>choke; 1 wnd, single layer wnd; unshielded; 4 turns #30 AWG, copper, E, wire; 1 1/4" lg x 1/2" diam, o/a; ceramic form, iron core; adj iron core; scdr adj on top; 3/8" -32 thd x 5/16" lg mtg bushing; 2 radial wire lead term.  |                     |        | 16-C-76222-5628        |                |                |                       | CN       | A-6121                     |            |                             | NOber-42482       |
| -472348               | TRANSFORMER, VARIABLE RF: 10/5/48<br>plate tuning; 3 wnd, single layer wnd; unshielded; 1 stator wnd 29 1/2 turns, other stator wnd 30 3/4 turns w/taps at 7 and 18, rotor 49 1/2 turns, all #20-38 Litz wire; 3 47/64" wd x 5 3/8" lg x 5 11/16" h, excluding shaft; black phenolic forms, air core; adj rotor; rotary sw adj; four #8-32 tapped mtg holes on 2" x 2 1/8" mtg/c; 1 stud term on stator, 1 solder lug term on sw; wax impr, humidity and fungus treated.       |                     |        | 17-T-84155-7526        |                |                |                       | CHV      | P-727494-501               |            |                             | TEG-1             |
|                       |  |                     |        |                        |                |                |                       |          |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |          |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-563

**RESTRICTED**

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG ON PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472349               | TRANSFORMER, VARIABLE RF: 10/5/48<br>plate tuning; 4 wnd, 3 single layer wnd, one 5 pie wnd; unshielded; stator wnd 12 turns #14 AWG wire, 18 turns #14 AWG wire, 4 pies of 9 turns and 1 pie of 8 turns, 44 turns total, 3/3/9 #38 Litz wire, rotor 12 1/2 turns #41 AWG wire; 9 3/16" lg x 6 15/16" wd x 5 5/8" h, o/a; phenolic form, air core; adj rotor; shaft adj; eight 0.228" diam mtg holes in 2 rows of 4 ea, rows are 7/8" apart, holes are 7/8" x 2 1/4" x 7/8" c to c in ea row, 4 mtg slots 3/16" lg x 1/4" wd on 1 1/4" x 2 7/8" mtg/c on other; 6 stud term, 1 solder lug term; humidity and fungus proofed, stator pie wnd tapped at 3/4, 14 3/4, and 34 3/4 turns. |                     |        | 17-T-84174-5647        |                |                |                       | CEJ |                            | CRV        | T-621977-501                | TEG-1             |
| -472350               | TRANSFORMER, VARIABLE RF: 10/5/48<br>ant tuning; 2 wnd, single layer wnd; unshielded; 28 1/2 turns on stator, 15 1/2 turns on rotor #14 AWG wire; 4.962" wd x 6" lg x 4 1/4" h, less shaft; phenolic form, air core; adj rotor; rotor adj shaft 1 end; three 0.173" diam mtg holes irregularly spaced; 2 solder post term; wax impr, humidity and fungus resistant, 142 micro h max, 42 micro h min.   |                     |        | 17-T-84053-6501        |                |                |                       | CRV | T-621675-501               |            |                             | TEG-1             |
| -472351               | TRANSFORMER, VARIABLE RF: 10/5/48<br>tank variometer; 2 wnd, single layer wnd; unshielded; 2.6 micro h min to 8.4 micro h max; 7 1/2 turns on stator, 8 turns on rotor #14 AWG wire; 4 1/2" lg x 2 3/8" wd x 3 31/32" h, less shaft; steatite form, air core; adj rotor; shaft adj 1 end; four 0.199" diam mtg holes on 4 1/16" x 1 3/8" mtg/c; 3 solder term; marked w/CRV-472351, P-272674-501, also 2.6/8.4 micro h, 4 amp, at 2 mc; moisture and fungus resistant.   |                     |        | 17-T-84028-2426        |                |                |                       | CRV | P-272674-501               |            |                             | TEG-1             |
| -472352               | TRANSFORMER, VARIABLE RF: 10/5/48<br>tank variometer; 2 wnd, single layer wnd; unshielded; 2.6 to 8.4 micro h; 7 1/2 turns on stator, 8 turns on rotor #14 AWG wire; 4 1/4" lg x 2 3/8" wd x 4 3/8" h, less shaft; steatite form, air core; adj rotor; shaft adj 1 end; 4 mtg holes 0.173" diam on 3 7/8" x 1 7/8" mtg/c; 3 solder term; marked CRV-472352, P-272674-503, also 2.6/8.4 micro h, 4 amp at 2 mc.   |                     |        | 17-T-84028-2451        |                |                |                       | CRV | P-272674-503               |            |                             | TEG-1             |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

**RESTRICTED**

SHEET 47-565

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472353               | COIL, RF: 10/5/48<br>ant; 1 wnd, single layer wnd; unshielded; 33.5 microhenries, inductance p/m 2% at 1000 cyc, 4 amp, 2 mc; 27 turns #12 AWG wire; 5 3/4" lg x 3 1/2" OD, o/a<br>incl term; ceramic form, air core; four 0.199" diam mtg holes drilled radially 90 deg apart, 2 ea end, 5 1/16" apart; 7 solder lug term; marked CRV-472353, M-452201-501, and 33.5 microhenries, 4 amp, 2 mc; coil tapped at 2 1/4, 6, 10, 14 1/4, and 19 1/4 turns.   |                     |        | 16-C-72419-8111        |                |                |                       | CRV | M-452201-501               |            |                             | TEG-1             |
| -472354               | COIL, RF: 10/6/48<br>ant; 1 wnd, single layer wnd; unshielded; 11.5 micro h, 10 amp; 2 mc; 27 turns, #14 AWG wire; 2 1/2" OD x 4 1/2" lg, o/a, incl mtg bkt; ceramic form, air core; three 0.173" diam mtg holes equally spaced on 2 1/16" diam; two #6-32 thd stud term; marked CRV-472354, M-452247-501, and 11.5 micro h, 10 amp, 2 mc.  |                     |        | 16-C-73151-5757        |                |                |                       | CRV | M-452247-501               |            |                             | TEG-1             |
| -472355               | COIL, RF: 10/6/48<br>oec; 1 wnd, 26 pie interconnected spiral wnd w/tape; unshielded; 435 micro h at 1000 cps, 4 amp; lat 13 pie w/ 6 5/6 turns, next pie w/ 7 turns ending in tap #1, pie 15/17/19/21/23/25 have 7 turns, pie 16/18/20/22/24 have 6 2/3 turns, pie 26 has 6 7/12 turns, total turns 177 3/4; 2 3/8" wd x 2" h x 4" lg, less term; phenolic form, air core; four 0.173" diam mtg holes on 2" x 3 5/8" mtg/c; 2 wire lead term, 12 wire lead taps, 1 at end of ea pie from #14 to #25; resin impr. |                     |        | 16-C-74108-7136        |                |                |                       | CRV | P-728153-501               |            |                             | TEG-1             |
| -472356               | COIL, RF: 10/6/48<br>ant tuning; 1 wnd, 7 pie interconnected spiral wnd; unshielded; 88 micro h; 1 pie 5 5/6 turns, 1 pie 6 turns, 4 pie 5 turns, 1 pie 2 1/6 turns, all of 6/3/10/38 spcl Litz wire; 2 5/8" diam x 4 3/8" lg, o/a; ceramic form, iron core; two 9/32" diam mtg holes 3 5/8" c to c; 2 post type term; marked CRV-472356, M-451733-501, 0.088 mill h; humidity and fungus resistant.  |                     |        | 16-C-73693-7883        |                |                |                       | CRV | M-451733-501               |            |                             | TEG-1             |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

SHEET 47-565

**RESTRICTED**

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SHEET 47-566

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472357               | COIL, RF: 10/6/48<br>ant tuning; 1 wnd, 11 pie interconnected spiral wnd; unshielded; 298 micro h, 4 amp, 200 kc; 3 pie 3 turns ea, 3 pie 4 turns ea, 5 pie 5 turns ea of 6/3/10/38 Litz wire, 46 total turns; 5 3/8" wd x 4 3/4" h x 8 1/8" lg, o/a; phenolic form, iron core; 7 3/4" lg x 2 7/16" OD; four 0.228" diam mtg holes on 2" x 5" mtg/c; 2 solder post term; marked CRV-472357, P-272679-501, 298 micro h, 4 amp at 200 kc; humidity and fungus resistant.         |                     |        | 16-C-74033-7948        |                |                |                       | CRV | P-272679-501               |            |                             | TEG-1             |
| -472358               | COIL, RF: 10/6/48<br>ant tuning; 1 wnd, 11 pie interconnected spiral wnd; unshielded; 298 micro h, 4 amp, 200 kc; 3 pie 3 turns ea, 3 pie 4 turns ea, 5 pie 5 turns ea of 6/3/10/38 Litz wire; 5 3/8" wd x 4 3/4" h x 8 1/8" lg, o/a; phenolic form, iron core; 7 3/4" lg x 2 7/16" OD; 4 mtg holes 0.228" diam on 2" x 5" mtg/c; 2 solder post term; marked CRV-472358, P-272679-502, 298 micro h, 4 amp at 200 kc; same as Navy Type 472357 except for position of term.     |                     |        | 16-C-74033-7950        |                |                |                       | CRV | P-272679-502               |            |                             | TEG-1             |
| -472359               | COIL, RF: 10/6/48<br>ant tuning; 1 wnd, 11 pie interconnected spiral wnd; unshielded; 298 micro h, 4 amp at 200 kc; 3 pie 3 turns ea, 3 pie 4 turns ea, 5 pie 5 turns ea of 6/3/10/38 Litz wire; 6 1/8" wd x 5 1/4" h x 8 1/8" lg, o/a; phenolic form, iron core; 7 3/4" lg x 2 7/16" OD; 4 mtg holes 0.228" diam on 2" x 5" mtg/c; 2 solder post term; marked CRV-472359, P-272679-503, 298 micro h, 4 amp at 200 kc; same as Navy Type 472358 except for lg of standoff ins. |                     |        | 16-C-74033-7954        |                |                |                       | CRV | P-272679-503               |            |                             | TEG-1             |
| -472360               | COIL, RF: 10/6/48<br>tank coil; 1 wnd, single layer wnd; unshielded; 27.3 micro h, 4 amp, 2 mc; 24 turns #12 AWG wire; 4 1/4" OD x 6" lg, o/a, incl bkt and term; ceramic form, air core; form 6" lg x 3" OD; 3 mtg holes 0.199" diam equally spaced on 3 11/16" diam; 2 stud term, 2 solder lug term, taps at 4 3/4 turn and 11 3/4 turn; marked CRV-472360, M-446166-501, 27.3 micro h, 4 amp at 2 mc.   |                     |        | 16-C-73389-9362        |                |                |                       | CRV | M-446166-501               |            |                             | TEG-1             |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
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SHEET 47-566

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NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

**RESTRICTED**

SHEET 47-567

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472361               | COIL, RF: 10/6/48<br>tank coil; 1 wnd, single layer wnd; unshielded; 39 micro h, 2 amp, 2 mc; 37 turns #18 AWG wire; 3 3/4" lg x 3" OD, o/a; ceramic form, air core; form 3 3/4" lg x 2" OD; three 0.173" diam mtg holes equally spaced on 2 9/16" diam; 1 wire lead term, 3 solder loop term, at 1 end, tapped at 3 3/4 turns and at 1 1/4 turn; marked CRV-472361, M-450385-501, 39 micro h, 2 amp at 2 mc. |                     |        | 16-C-73484-7279        |                |                |                       | CRV | M-450385-501               |            |                             | TEG-1             |
| -472362               | COIL, RF: 10/7/48<br>choke; single wnd, 5 pie universal wnd; unshielded; 4 milli h, 600 ma DC, 10 ohms DC resistance; 2 11/16" wd x 2" h x 3 1/8" lg, o/a; ceramic form and core; form 1/2" OD x 2 1/2" lg; 3 mtg holes 5/32" diam on 1 7/16" x 1 3/4" mtg/c; 2 solder lug term; equivalent to CNA R-152.   |                     |        | 16-C-74837-7906        |                |                |                       | CRV | K-870685-2                 |            |                             | TEG-1             |
| -472363               | COIL, RF: 10/7/48<br>oec choke; 1 wnd, 1 pie universal wnd; unshielded; 3 milli h, 125 ma, 34 ohms DC resistance; 1 1/16" OD x 1 1/64" lg, o/a; ceramic form, air core; form 1/2" diam x 7/8" lg, 1 1/16" OD base; 1 axial mtg hole for #6-32 thd screw; 2 solder lug term, varnish, wax impr.  |                     |        | 16-C-74777-4819        |                |                |                       | CRV | K-8884223-1                |            |                             | TEG-1             |
| -472364               | COIL, RF: 10/7/49<br>choke; 1 wnd, 4 pie universal wnd; unshielded; 7.5 milli h, 50 ma at 1000 cps; 800 turns #32 AWG wire; 3" lg x 1 1/2" wd x 3 1/16" h, less term; ceramic form and core; 1/2" diam x 3" lg form; two 0.199" diam mtg holes 1 1/2" c to c; 2 solder lug term; marked CRV-472364, M-446155-501, 7.5 milli h and 50 ma DC; polystyrene impr, moisture resistant.                             |                     |        | 16-C-75002-4813        |                |                |                       | CRV | M-446155-501               |            |                             | TEG-1             |
| -472365               | COIL, RF: 10/7/48<br>choke; 1 wnd, 11 pie universal wnd; unshielded; 4.2 millihenry p/m % at 200 kc, 150 ma, 50 ohms DC resistance; 1012 turns #20-38 Litz wire; 7 11/32" lg x 1 1/2" wd x 3 1/2" h, less term; ceramic form and core; 1/2" diam x 6 3/4" lg form; 3 mtg holes 0.199" diam in line 2" x 2" c to c; 2 solder lug term on standoff ins; marked CRV-472365, M-445883-501, 4.2 millihenry.        |                     |        | 16-C-74847-2908        |                |                |                       | CRV | M-445883-501               |            |                             | TEG-1             |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
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SHEET 47-567

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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

RESTRICTED

SHEET 47-568

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO          | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL. CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|------------------------------|--------|------------------------|----------------|----------------|------------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472366               | COIL, RF: 10/8/48<br>osc trimmer; 1 wnd, 1 pie universal wnd; unshielded; 24.4 to 18.4 micro h; 39 1/2 turns #15-32 Litz wire; 1/2" OD x 1 15/64" lg, excluding tuning slug and term; phenolic form, iron core; adj powdered iron core; scdr adj at end; mts by one #6-32 thd hole tapped 3/16" d; 2 solder lug term; marked M-443364-501; resin impr.   |                              |        | 16-C-76629-5222        |                |                |                        | CRV  | M-443364-501               |            |                             | TEG-1             |
| -472367               | COIL, RF: 10/8/48<br>osc trimmer; 1 wnd, 1 pie universal wnd; unshielded; 31.8 to 23.8 micro h; 45 1/2 turns #15-43 Litz wire; 1/2" OD x 1 15/64" lg, excluding tuning slug and term; phenolic form, iron core; adj powdered iron core; scdr adj on end; one #6-32 x 3/16" d tapped mtg hole; 2 solder lug term; marked M-443364-502; resin impr.  |                              |        | 16-C-76635-5706        |                |                |                        | CRV  | M-443364-502               |            |                             | TEG-1             |
| -472368               | COIL, RF: 10/8/48<br>osc trimmer; 1 wnd, 1 pie universal wnd; unshielded; 42 to 31 micro h; 51 1/2 turns #15-43 Litz wire; 1/2" diam x 1 15/64" lg, excluding tuning slug and term; phenolic form, iron core; 7/16" OD x 31/32" lg; adj powdered iron core; scdr adj on end; one #6-32 x 3/16" d tapped mtg hole; 2 solder lug term; marked M-443364-503; resin impr.  |                              |        | 16-C-76645-2218        |                |                |                        | CRV  | M-443364-503               |            |                             | TEG-1             |
| -472369               | COIL, RF: 10/11/48<br>osc choke coil; single wnd; rectangular, aluminum shield can; 100 milli h p/m 10% inductance at 1000 cps and 0 amp DC, 400 ohms min DC resistance; 1 5/8" wd x 1 3/8" h x 2" lg, less term, mtg stud and tuning slug; powdered iron core; adj powdered iron core; scdr adj stud projecting from botton ctr 9/16" max; two #6-32 thd x 1/4" lg mtg studs, 1 5/16" c to c; 2 solder lug term on bottom; can marked CAHC-472369; 175 kc min freq of self resonance, Q is 30 plus 10% minus 0 w/ 50 mmf in parallel. | 15038(RZ)<br>grade B<br>47A2 |        | 16-C-76824-5422        |                |                |                        | CAHC | 451775-1 eub 1             | CRV        | 451775-1 eub 1              | TEG-1             |
|                       |  |                              |        |                        |                |                |                        |      |                            |            |                             |                   |
|                       |  |                              |        |                        |                |                |                        |      |                            |            |                             |                   |
|                       |  |                              |        |                        |                |                |                        |      |                            |            |                             |                   |
|                       |  |                              |        |                        |                |                |                        |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-568

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SHEET 47-569

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | Co. Contractor | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|----------------|-----------------------------|-------------------|
| -472370               | COIL, RF: 10/13/48<br>calibration coil; single wnd; cylindrical aluminum shield can; 9 to 20 milli h, 80 ohms DC resistance; 2 1/16" diam x 3 1/4" lg, less term, mtg and adj studs; phenolic form, iron core; adj powdered iron core; scdr adj stud top ctr of can; two #6-32 thd x 3/8" max lg mtg studs, 1 15/16" c to c; 4 solder lug term on bottom, 2 used; marked CAEC-472370; ceramic term board, 20 milli h max, 9 milli h min, 15 milli h nom inductance at 1000 cps, 85 nom Q w/ 150 mmf cap in parallel at 1000 kc, oper. freq 100 to 150 kc.  | 16T36               |        | 16-C-76771-4241        |                |                |                       | CAEC | 451344-1 eub 2             | CRV            | 451344-1 eub 2              | T2G-              |
| -472371               | COIL, RF: 10/13/48<br>tank coil; single wnd; rectangular aluminum shield can; 6 to 18 microhenries at 1000 cps; 1 5/8" wd x 1 3/8" h x 2 5/8" lg approx less term and mtg and adj studs; phenolic form, iron core; adj powdered iron core; scdr adj stud top ctr of can; two #6-32 thd x 9/16" max lg mtg studs 1 5/16" max c to c; 2 solder lug term on bottom; shield marked CAEC-472371; 2000 to 4000 kc oper freq, 4000 kc test freq, 18 microhenries max, 6 microhenries min, 14.5 microhenries nom inductance at 1000 cps, 4 mmf p/m 50% or 1 mmf (whichever is less) distributed cap, 90 min, 110 max Q w/ 180 mmf in parallel. | 16T36<br>Grade B    |        | 16-C-76597-9844        |                |                |                       | CAEC | 451370-1 eub 2             | CRV            | 451370-1 eub 2              | T2G-1             |
| -472372               | COIL, RF: 10/25/48<br>tank coil; 2 wnd, single layer; rectangular aluminum shield can; 1.5 to 4.5 micro h one wnd, 6 to 20 micro h other wnd; 4 5/16" max h x 1 5/8" wd x 1.4152" d; phenolic form, dust core; adj powdered iron core; 2 scdr adj studs top of can; two #6-32 thd x 9/16" max lg mtg studs, 1 5/16" max c to c; 4 solder lug term on bottom; can marked CAEC-472372; 4000 to 8000 kc oper freq, 6000 kc test freq, 4.7 mmf distributed cap nom, p/m 50% or 1 mmf (whichever is less), 105 min to 125 max Q w/180 mmf in parallel.  | 16T36               |        | 16-C-77520-1731        |                |                |                       | CAEC | 451371-1 eub 2             | CRV            | 451371-1 eub 2              | T2G-1             |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-569

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SHEET 47-570

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|----------------------------|-------------------|
| -472373               | TRANSFORMER, IF: 10/26/48<br>200 kc; input; shielded; 1 5/8" wd x 1.415" d x 2" lg<br>less term, adj and mtg studs; powdered iron core;<br>tuned pri and sec; adj iron core; two #6-32 thd x<br>3/8" lg mtg studs, 1 5/16" c to c; 4 solder lug term;<br>incl one 430 mmf fixed capacitor, marked CRV-472373,<br>term board marked w/letter "C", "A", "D" and "F",<br>lock nut on adj stud incl, 3" lg incl adj stud.   | 16T36<br>grade B    |        | 17-T-67517-5413        |                |                |                       | CRV  | 738967-1 sub 6             |            |                            | TEG-1             |
| -472374               | COIL, RF: 10/5/48<br>for harmonic selector ckt; single wnd, progressive<br>bank wnd; rectangular aluminum shield can; 46 to 56<br>micro h, 16 micro h from tap to one end, 17 micro h<br>from tap to other end; 2 1/4" lg x 1 5/8" wd x 1 3/8"<br>h, less term mtg and adj studs; powdered iron core<br>slug; adj iron core; scdr adj stud top ctr of can;<br>two #6-32 thd x 3/8" max lg mtg studs, 1 5/16" c to<br>c; 6 solder lug term on bottom, 3 used; shield<br>marked CAHC-472374, term board marked w/letters "A"<br>to "F" incl; freq range 1800 to 2450 kc, nom Q of 190<br>51 micro h nom inductance, humidity resistant, metal<br>parts corrosion resistant.                         | 16T36<br>grade B    |        | 16-C-76647-2232        |                |                |                       | CAHC | 738967-1                   | CRV        | 738967-1 sub 3             | TEG-1             |
| -472375               | COIL, RF: 10/5/48<br>for harmonic selector ckt; single wnd, progressive<br>bank wnd; rectangular aluminum shield can; 46 to 56<br>microhenries, 24 microhenries from tap to 1 end, 11<br>microhenries from tap to other end; 2 1/4" lg x<br>1 5/8" wd x 1 3/8" h, less term, mtg and adj studs;<br>powdered iron core slug; adj iron core; scdr adj stud<br>top ctr of can; two #6-32 thd x 3/8" max lg mtg<br>studs 1 5/16" c to c; 6 solder lug term on bottom, 3<br>used; shield marked CAHC-472375, term board marked<br>w/letters "A" to "F" incl; freq range 1800 to 2450 kc,<br>nom Q of 190, 51 microhenries nom inductance, humid-<br>ity resistant and metal parts corrosion resistant. | 16T36<br>grade B    |        |                        |                |                |                       | CAHC | 738967-2                   | CRV        | 738967-2 sub 3             | TEG-1             |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                            |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-570

RESTRICTED

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SHEET 47-571

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO         | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|-----------------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472376               | COIL, RF: 10/5/48<br>for mixer and amplr ckt; single wnd, progressive bank wnd; rectangular aluminum shield can; 56.7 to 69.3 micro h, 19 micro h from tap to one end, 23.5 micro h from tap to other end; 2 1/4" lg x 1 5/8" wd x 1 3/8" h, less term, mtg and adj studs; powdered iron core slug; adj iron core; scdr adj stud top ctr of can; two #6-32 thd x 3/8" max lg mtg studs, 1 5/16" c to c; 6 solder lug term on bottom, 3 used; shield marked CAHC-472376, term board marked w/ letters "A" to "F" incl; freq range 1700 to 2350 kc, nom Q of 190, 63 micro h nom inductance, humidity resistant and metal parts corrosion resistant. | 16T36<br>grade B            |        | 16-C-76648-6072        |                |                |                       | CAHC | 738967-3                   | CRV        | 738967-3 sub 3              | TEG-1             |
| -472377               | COIL, RF 10/5/48<br>for mixer and amplr ckt; single wnd, progressive bank wnd; rectangular aluminum shield can; 56.7 to 69.3 micro h, 35 micro h from tap to one end, 2 micro h from tap to other end; 2 1/4" lg x 1 5/8" wd x 1 3/8" h, less term, mtg and adj studs; powdered iron core slug; adj iron core; scdr adj stud top ctr of can; two #6-32 thd x 3/8" max lg mtg studs, 1 5/16" c to c; 6 solder lug term on bottom; shield marked CAHC-472377, term board marked w/ letters "A" to "F" incl; freq range 1700 to 235 kc, nom Q of 190, 63 micro h nom inductance, humidity resistant and metal parts corrosion resistant.              | 16T36<br>grade B            |        | 16-C-76648-6070        |                |                |                       | CAHC | 738967-4                   | CRV        | 738967-4 sub 3              | TEG-1             |
| -472378               | COIL, RF: 10/5/48<br>for harmonic selector ckt; single wnd, progressive bank wnd; rectangular aluminum shield can; 88.2 to 107.8 micro h, 40 micro h from tap to 1 end, 26 micro h from tap to other end; 2 1/4" lg x 1 5/8" wd x 1 3/8" h, less term, mtg and adj studs; powdered iron core slug; adj iron core; scdr adj stud top ctr of can; two #6-32 thd x 3/8" lg max mtg studs, 1 5/16" c to c; 6 solder lug term on bottom, 3 used; shield marked CAHC-472378, term board marked w/ letters "A" to "F" incl; freq range 1300 to 1900 kc, nom Q of 190, 98 micro h nom inductance, humidity resistant and metal parts corrosion resistant.  | BUSHIPS<br>16T36<br>Grade B |        | 16-C-76657-9245        |                |                |                       | CAHC | 738967-5                   | CRV        | 738967-5 sub 3              | TEG-1             |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-571

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SHEET 47-572

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO         | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|-----------------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472379               | COIL, RF: 10/5/48<br>for mixer and amplr ckt; single wnd, progressive band wnd; rectangular aluminum shield can; 100.8 to 123.2 micro h, 49 micro h from tap to 1 end, 26 micro h from tap to other end; 2 1/4" lg x 1 5/8" wd x 1 3/8" h, less term, mtg and adj studs; powdered iron core slug; adj iron core; scdr adj stud top ctr of can; two #6-32 thd x 3/8" max lg mtg studs, 1 5/16" c to c; 6 solder lug term on bottom, 3 used shield marked CABC-472379, term board marked w/letters "A" to "F" incl; freq range 1200 to 1800 kc, nom Q of 190, 112 micro h nom inductance, humidity resistant and metal parts corrosion resistant.                             | BUSHIPS<br>16T36<br>Grade B |        | 16-C-76662-1332        |                |                |                       | CABC | 738967-6                   | CRV        | 738967-6 sub 3              | TBC-1             |
| -472380               | COIL, RF: 10/5/48<br>for harmonic selector ckt; single wnd, universal pie wnd; rectangular aluminum shield can; 154.8 to 189.2 micro h from tap to 1 end, 58 micro h from tap to other end; 54 microhenries from tap to 1 end; 2 1/4" lg x 1 5/8" wd x 1 3/8" h, less term, mtg and adj studs; powdered iron core slug; adj iron core; scdr adj stud top ctr of can; two #6-32 thd x 3/8" lg max mtg studs, 1 5/16" c to c; 6 solder lug term on bottom, 3 used; shield; marked CABC-472380, term board marked w/letters "A" to "F" incl; freq range 900 to 1400 kc, nom Q of 190, 172 microhenries nom inductance, humidity resistant and metal parts corrosion resistant. | BUSHIPS<br>16T36<br>Grade B |        | 16-C-76671-1910        |                |                |                       | CABC | 738967-8                   | CRV        | 738967-8 sub 3              | TBC-1             |
| -472381               | COIL, RF: 10/5/48<br>for harmonic selector ckt; single wnd, progressive bank wnd; rectangular aluminum shield can; 154.8 to 189.2 micro h, 23 micro h from tap to 1 end, 100 micro h from tap to other end; 2 1/4" lg x 1 5/8" wd x 1 3/8" h, less term, mtg and adj studs; powdered iron core slug; adj iron core; scdr adj stud top ctr of can; two #6-32 thd x 3/8" max lg mtg studs, 1 5/16" c to c; 6 solder lug term on bottom, 3 used; shield marked CABC-472381, term board marked w/ letters "A" to "F" incl; freq range 900 to 1400 kc, nom Q of 190, 172 micro h nom inductance, humidity resistant and metal parts corrosion resistant.                         | BUSHIPS<br>16T36<br>Grade B |        | 16-C-76671-1908        |                |                |                       | CABC | 738967-9                   | CRV        | 738967-9 sub 3              | TBC-1             |
|                       |   |                             |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                             |        |                        |                |                |                       |      |                            |            |                             |                   |

SHEET 47-572

**RESTRICTED**

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900109(A)  
SUPPLEMENT # 1

**RESTRICTED**

SHEET 47-573

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO         | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|-----------------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472382               | COIL, RF: 10/5/48<br>for mixer and amplr ckt; single wnd, universal pie wnd; rectangular aluminum shield can; 180 to 220 micro h, 25 micro h from tap to 1 end, 116 micro h from tap to other end; 2 1/4" lg x 1 5/8" wd x 1 3/8" h, less term, mtg and adj stude; powdered iron core slug; adj iron core; ecdr adj stud top ctr of can; two #6-32 thd x 3/8" max lg mtg studs, 1 5/16" c to c; 6 solder lug term on bottom, 3 used; shield marked CAHC-472382, term board marked w/letters "A" to "F" incl; freq range 800 to 1300 kc, nom Q of 190, 200 micro h nom inductance, humidity resistant and metal parts corrosion resistant.                     | BUSHIPS<br>16T36<br>Grade B |        | 16-c-76671-6444        |                |                |                       | CAHC | 738967-10                  | CRV        | 738967-10 sub 3             | T8G-1             |
| -472383               | COIL, RF: 10/5/48<br>for mixer and amplr ckt; single wnd, universal pie wnd; rectangular aluminum shield can; 180 to 220 microhenries, 79 microhenries from tap to one end, 55 microhenries from tap to other end; 2 1/4" lg x 1 5/8" wd x 1 3/8" h, less term, mtg and adj studs; powdered iron core slug; adj iron core; ecdr adj stud top ctr of can; two #6-32 thd x 3/8" max lg mtg studs 1 5/16" c to c; 6 solder lug term on bottom, 3 used; shield marked CAHC-472383, term board marked w/letters "A" to "F" incl; freq range 800 to 1300 kc, nom Q of 190, 200 microhenries nom inductance, humidity resistant and metal parts corrosion resistant. | BUSHIPS<br>16T36<br>Grade B |        | 16-c-76671-6446        |                |                |                       | CAHC | 738967-11                  | CRV        | 738967-11 sub 3             | T8G-1             |
| -472384               | COIL, RF: 10/5/48<br>for harmonic selector ckt; single wnd, universal pie wnd; rectangular aluminum shield can; 343.8 to 420 micro h, 31 micro h from tap to 1 end, 260 micro h from tap to other end; 2 1/4" lg x 1 5/8" wd x 1 3/8" h, less term, mtg and adj studs; powdered iron core slug; adj iron core; ecdr adj stud top ctr of can; two #6-32 thd x 3/8" lg max mtg studs 1 5/16" c to c; 6 solder lug term on bottom, 3 used; shield marked CAHC-472384, term board marked w/letters "A" and "F" incl; freq range 550 to 950 kc, nom Q of 190, 382 microhenries nom inductance, humidity resistant, metal parts corrosion resistant.                | BUSHIPS<br>16T36<br>Grade B |        | 16-c-76683-4365        |                |                |                       | CAHC | 738967-12                  | CRV        | 738967-12 sub 3             | T8G-1             |
|                       |   |                             |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                             |        |                        |                |                |                       |      |                            |            |                             |                   |

SHEET 47-573

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

**RESTRICTED**

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SHEET 47-574

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO         | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STO K NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|-----------------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472385               | COIL, RF: 10/5/48<br>For mixer and emplr ckt; single wnd, universal pie wnd; rectangular aluminum shield can; 445 to 544 micro h, 115 micro h from tap to 1 end, 235 micro h from tap to other end; 2 1/4" lg x 1 5/8" wd x 1 3/8" h, less term, mtg and adj studs; powdered iron core slug; adj iron core; scdr adj stud top ctr of can; two #6-32 thd x 3/8" max lg mtg studs 1 5/16" c to c; 6 solder lug term on bottom, 3 used; shield marked CAHC-472385, term board marked w/letters "A" to "F" incl; freq range 450 to 850 kc, nom Q of 190, 495 microhenries nom inductance, humidity resistant and metal parts corrosion resistant. | BUSHIPS<br>16T36<br>Grade B |        | 16-C-76685-6432        |                |                |                       | CAHC | 738967-13                  | CRV        | 738967-13 sub 3             | TBG-1             |
| -472386               | COIL, RF: 10/5/48<br>For mixer and emplr ckt; single wnd, universal pie wnd; rectangular aluminum shield can; 445 to 544 micro h, 32 micro h 1 end to tap, 370 micro h other end to tap; 2 1/4" lg x 1 5/8" wd x 1 3/8" h, less term, mtg and adj studs; powdered iron core slug; adj iron core; scdr adj stud top ctr of can; two #6-32 thd x 3/8" max lg mtg studs 1 5/16" c to c; 6 solder lug term on bottom, 3 used; shield marked CAHC-472386, term board, marked w/letters "A" to "F" incl; freq range 450 to 850 kc, nom Q of 190, 495 microhenries nom inductance, humidity resistant and metal parts corrosion resistant.           | BUSHIPS<br>16T36<br>Grade B |        | 16-C-76685-6430        |                |                |                       | CAHC | 738967-14                  | CRV        | 738967-14 sub 3             | TBG-1             |
| -472387               | COIL, RF: 10/5/48<br>for harmonic selector ckt; single wnd, universal pie wnd; rectangular aluminum shield can; 989 to 1211 micro h, 99 micro h 1 end to tap, 710 micro h other end to tap; 2 1/4" lg x 1 5/8" wd x 1 3/8" h, less term, mtg and adj studs; powdered iron core slug; adj iron core; scdr adj stud top ctr of can; two #6-32 thd x 3/8" max lg mtg studs 1 5/16" c to c; 6 solder lug term on bottom, 3 used; shield marked CAHC-472387, term board marked w/letters "A" to "F" incl; freq range 300 to 550 kc, nom Q of 190, 1110 microhenries nom inductance, humidity resistant and metal parts corrosion resistant.        | BUSHIPS<br>16T36<br>Grade B |        | 16-C-76717-7584        |                |                |                       | CAHC | 738967-15                  | CRV        | 738967-15 sub 3             | TBG-1             |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-574

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SHEET 47-575

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO         | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|-----------------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472388               | COIL, RF: 10/5/48<br>for mixer and amplr ckt; single wnd, universal pie wnd; rectangular aluminum shield can; 1620 to 1980 micro h, 130 micro h 1 end to tap, 1235 micro h other end to tap; 2 1/4" lg x 1 5/8" wd x 1 3/8" h, less term, mtg and adj studs; powdered iron core slug; adj iron core; scdr adj stud top ctr of can; two #6-32 thd x 3/8" max lg mtg studs 1 5/16" c to c; 6 solder lug term on bottom, 3 used; shield marked CAHC-472388, term board marked w/letters "A" to "F" incl freq range 200 to 450 kc, nom Q of 190, 1800 microhenries nom inductance, humidity resistant and metal parts corrosion resistant. | BUSHIPS<br>16T36<br>Grade B |        | 16-C-76736-9684        |                |                |                       | CAHC | 738967-16                  | CRV        | 738967-16 sub 3             | TBQ-1             |
| -472389               | COIL, RF: 10/5/48<br>for mixer and amplr ckt; single wnd, universal pie wnd; rectangular aluminum shield can; 1620 to 1980 micro h, 408 micro h 1 end to tap, 760 micro h other end to tap; 2 1/4" lg x 1 5/8" wd x 1 3/8" h, less term, mtg and adj studs; powdered iron core slug; adj iron core; scdr adj stud top ctr of can; two #6-32 thd x 3/8" max lg mtg studs 1 5/16" c to c; 6 solder lug term on bottom, 3 used; shield marked CAHC-472389, term board marked w/letters "A" to "F" incl; freq range 200 to 450 kc, nom Q of 190, 1800 microhenries nom inductance, humidity resistant and metal parts corrosion resistant. | BUSHIPS<br>16T36<br>Grade B |        | 16-C-76736-9686        |                |                |                       | CAHC | 738967-17                  | CRV        | 738967-17 sub 3             | TBQ-1             |
| -472390               | COIL, RF: 10/5/48<br>for harmonic selector ckt; single wnd, universal pie wnd; rectangular aluminum shield can; 989 to 1211 micro h, 69 micro h 1 end to tap, 800 micro h other end to tap; 2 1/4" lg x 1 5/8" wd x 1 3/8" h, less term, mtg and adj studs; powdered iron core slug; adj iron core; scdr adj stud top ctr of can; two #6-32 thd x 3/8" max lg mtg studs 1 5/16" c to c; 6 solder lug term on bottom, 3 used; shield marked CAHC-472390, term board marked w/letters "A" to "F" incl; freq range 300 to 550 kc, nom Q of 190, 1110 microhenries nom inductance, humidity resistant and metal parts corrosion resistant. | BUSHIPS<br>16T36<br>Grade B |        | 16-C-76717-7582        |                |                |                       | CAHC | 738967-18                  | CRV        | 738967-18 sub 3             | TBQ-1             |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-575

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SHEET 47-576

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO         | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|-----------------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472391               | COIL, RF: 10/5/48<br>for harmonic selector ckt; single wnd, universal pie wnd; rectangular aluminum shield can; 989 to 1211 micro h, 22 micro h 1 end to tap, 925 micro h other end to tap; 2 1/4" lg x 1 5/8" wd x 1 3/8" h, lens term, mtg and adj studs; powdered iron core slug; adj iron core; scdr adj stud top ctr of can; two #6-32 thd x 3/8" max lg mtg studs 1 5/16" c to c; 6 solder lug term on bottom, 3 used; shield marked CAHC-472391, term board marked w/letters "A" to "F" incl; freq range 300 to 550 kc, nom Q of 190, 1110 microhenries nom inductance, humidity resistant and metal parts corrosion resistant.  | BUSHIPS<br>16T36<br>Grade B |        | 16-C-76717-7580        |                |                |                       | CAHC | 738967-19 sub 3            | CRV        | 738967-19 sub 3             | TBG-1             |
| -472392               | COIL, RF: 10/5/48<br>for harmonic selector ckt; single wnd, progressive bank wnd; rectangular aluminum shield can; 88.2 to 107.8 micro h, 60 micro h 1 end to tap, 7.5 micro h other end to tap; 2 1/4" lg x 1 5/8" wd x 1 3/8" h, lens term, mtg and adj stud; powdered iron core slug; adj iron core; scdr adj stud top ctr of can; two #6-32 thd x 3/8" max lg mtg studs 1 5/16" c to c; 6 solder lug term on bottom, 3 used; shield marked CAHC-472392, term board marked w/letters "A" to "F" incl; freq range 1200 to 1800 kc, nom Q of 190, 98 microhenries nom inductance, humidity resistant, metal parts corrosion resistant. | BUSHIPS<br>16T36<br>Grade B |        | 16-C-76657-9247        |                |                |                       | CAHC | 738967-20                  | CRV        | 738967-20 sub 3             | TBG-1             |
| -472393               | COIL, RF: 10/5/48<br>for mixer and amplr ckt; single wnd, progressive bank wnd; rectangular aluminum shield can; 100.8 to 123.2 micro h, 59 micro h 1 end to tap, 15 micro h other end to tap; 2 1/4" lg x 1 5/8" wd x 1 3/8" h, lens term, mtg and adj studs; powdered iron core slug; adj iron core; scdr adj stud top ctr of can; two #6-32 thd x 3/8" max lg mtg studs 1 5/16" c to c; 6 solder lug term on bottom; shield marked CAHC-472393, term board marked w/letters "A" to "F" incl; freq range 1200 to 1800 kc, nom Q of 190, 112 microhenries nom inductance, humidity resistant and metal parts corrosion resistant.      | BUSHIPS<br>16T36<br>Grade B |        | 16-C-76662-1334        |                |                |                       | CAHC | 738967-21                  | CRV        | 738967-21 sub 3             | TBG-1             |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-576

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SHEET 47-577

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO         | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|-----------------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472394               | COIL, RF: 10/5/48<br>xtal osc ckt; single wnd, progressive bank wnd;<br>rectangular aluminum shield can; 36 to 44 micro h;<br>2 1/4" lg x 1 5/8" wd x 1 3/8" h, less term, mtg and<br>adj stud; powdered iron core slug; adj iron core;<br>sodr adj stud top ctr of can; two #6-32 thd x 3/8"<br>max lg mtg studs 1 5/16" c to c; 6 solder lug term<br>on bottom, 2 used; shield marked CAHC-472394, term<br>board marked w/letters "A" to "F" incl; freq range<br>1200 to 1800 kc, nom Q of 150, 40 microhenries nom<br>inductance, humidity resistant, metal parts corrosion<br>resistant.   | BuShips<br>16T36<br>Grade B |        | 16-C-76645-8230        |                |                |                       | CABC | 738967-22 sub 3            | CRV        | 738967-22 sub 3             | TEG-1             |
| -472395               | COIL, RF: 10/5/48<br>xtal osc ckt; single wnd, universal pie wnd;<br>rectangular aluminum shield can; 1500 to 2000 micro<br>henries; 2 1/4" lg x 1 5/8" wd x 1 3/8" h, less<br>term, mtg and adj stud; powdered iron core; adj iron<br>core; sodr adj stud top ctr of can; two #6-32 thd x<br>3/8" max lg mtg studs 1 5/16" c to c; 6 solder lug<br>term on bottom, 2 used; shield marked CAHC-472395,<br>term board marked w/letters "A" to "F" incl; freq<br>range 200 to 450 kc, nom Q of 180, nom inductance<br>1700 microhenries, humidity resistant, metal parts<br>corrosion resistant. | BUSHIPS<br>16T36<br>Grade B |        | 16-C-76730-5289        |                |                |                       | CABC | 738967-23                  | CRV        | 738967-23 sub 3             | TEG-1             |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-577

**RESTRICTED**



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SHEET 47-578

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO  | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN   |
|-----------------------|--|----------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|---------------------|
| -472396               | COIL, RF: 11/22/48<br>resistor and coil; 0.625" lg x 0.213" diam, o/a; 12 turns #28 AWG, E, wire 3900 ohms p/m 10%, 1/2w; uncased; term mtd; 2 axial wire leads; bakelite ins comp form.   | BUORD<br>C-459425-6  |        |                        |                |                |                       | CG   | M-7477589-6                |            |                             | MK-35 Mod2<br>MK-56 |
| -472397               | COIL, RF: 11/22/48<br>choke coil; 1 wnd, single layer wnd; unshielded; 2.3 microhenries p/m 2% at 10 mc; 30 turns #32 AWG, E, wire; 5/8" lg x 0.203" diam, less leads; comp form, air core; form 5/8" lg x 3/16" diam; term mtd; 2 axial wire leads 1 1/2" lg; marked K-7102204P9; scotch tape wnd around coil.  | BuOrd<br>B-653968-9  |        |                        |                |                |                       | CG   | K-7102204-9                | CFW        |                             | MK-56               |
| -472398               | COIL, RF: 11/22/48<br>choke coil; 1 wnd, single layer wnd; unshielded; 3 microhenries p/m 2% at 10 mc, Q at 10 mc is 50; 38 turns #32 AWG, E, wire; 5/8" lg x 0.203" diam, less leads; comp form, air core; form 5/8" lg x 3/16" diam; term mtd; 2 axial wire leads 1 1/2" lg.   | BuOrd<br>B-653968-10 |        |                        |                |                |                       | CG   | K-7102204-10               | CFW        |                             | MK-56               |
| -472399               | COIL, RF: 11/22/48<br>resistor and coil type; 0.375" lg x 0.140" diam body; 32 turns #32 AWG, E, wire, 100 ohms p/m 10%, 1/2w resistor; uncased; term mtd; 2 axial wire leads 1 ea end; bakelite in comp body.   | BUORD<br>C-459428-1  |        | 16-s-89908-2315        |                |                |                       | CG   | M-7477544-1                |            |                             | MK-35 Mod2<br>MK-56 |
| -472400               | COIL, RF: 11/29/48<br>choke; 1 wnd, univereal wnd; unshielded; 10 mill h at 365 kc, 75 ma, 100 ohms DC resistance; 15/16" diam x 1 1/2" lg, o/a; bakelite form, air core; one 1/8" diam mtg hole through ctr of core; 2 solder lug term.   |                      |        | 16-G-75106-1167        |                |                |                       | CBHT | 180-142                    |            |                             | KY-43/URT           |
| -472401               | TRANSFORMER, RF: 11/29/48<br>local osc trans; 2 wnd, single layer wnd; rectangular metal case; pri inductance, 4 millihenries, DC resistance 18.5 ohms, secd inductance 0.7 millihenries, DC resistance 8 ohms; pri c/o 500 turns #7-41 litz wire, secd c/o 220 turns #7-41 litz wire; case 3 1/2" lg x 1 1/2" wd x 1 15/16" h, less term and mtg studs; powdered iron core; adj iron core; scdr, adj, top of can; two #6-32 thd spade bolts on 2" mtg/c; 4 stud term bottom of can; ctr freq 137.5 kc; p/o Navy Type 50275 Listening Amplifier. |                      |        | 17-T-81591-1823        |                |                |                       | CBM  | 1013-3041                  |            |                             | WFA-1<br>WFA-a      |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-578

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SHEET 47-579

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO         | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|-----------------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------|
| -472402               | COIL, RF: 11/30/48<br>for mixer and amp r ckt; single wnd, progressive bank wnd; rectangular aluminum shield can; 100.8 to 123.2 micro h, 26 micro h from l end to tap, 49 micro h from other end to tap; 2 1/4" lg x 1 5/8" wd x 1 3/8" h, less term, mtg and adj studs; powdered iron core slug; adj iron core; scdr adj stud top ctr of can; two #6-32 thd x 3/8" max lg mtg studs 1 5/16" c to c; 6 solder lug term on bottom; shield marked CAHC-472402, term board marked w/letters "A" to "F" incl; freq range 1200 to 1800 kc, nom Q of 190; 112 microhenries nom inductance, humidity resistant and metal parts corrosion resistant.  | BUSHIPS<br>16T36<br>Grade B |        | 16-C-76662-1336        |                |                |                       | CAHC       | 738967-7                   | CRV        | 738967-7 sub 3              | TBG-1             |
| -472403               | COIL, RF: 1/11/49<br>choke coil; 4 pie universal wnd, 1 wnd; unshielded; 2.5 millihenries at 1 mc, 100 ma DC, 48 ohms DC resistance; 1 3/4" lg x 5/8" diam excluding leads; isolantite form, air core; mtd by leads; 2 axial wire leads; <del>in</del> case.   |                             |        | 16-C-74704-2652        |                |                |                       | CSM        | 219                        | CRL<br>CRL | MM4669 alt 2<br>L-30306     | AN/SGC-1          |
| -472404               | COIL, RF: 12/15/48<br>choke; 1 wnd single layer wnd; unshielded; 9 turns #12 AWG tinned copper wire; 2 29/32" lg o/a x 11/16" ID; air core; mtd by 13/16" lg term; 1 term ea end, #12 AWG wire; p/o Navy Type 52194-A, ZXW Exciter.  |                             |        | 16-C-71993-8453        |                |                |                       | CG         | K-7874983                  |            |                             | TCG-2             |
| -472405               | TRANSFORMER, IF: 12/17/48<br>IF band change transf; 1 wnd w/2 single layer sect; unshielded; inductance between term #1 and term #3 is 3.6 milli h, inductance between term #1 and term #2 is 0.58 milli h, inductance between term #1 and term #4 is 0.4 milli h, freq between term #1 and #2 is approx 21 mc, freq between term #1 and #3 is approx 8 mc, freq between #1 and #4 is approx 26 mc; term #1 to term #3 has 32 turns w/a tap for term #2 at the 8th turn, term #1 to term #4 has 6 1/2 turns, all wnd sre of #28 AWG Formex wire; 7/8" lg x 0.31" diam; phenolic form, air core; coil form 7/8" lg x 0.28" diam; tuned by ext capacitor; term mtd; 4 wire lead term approx 1 1/2" lg; 1 term color coded by a yellow dot; impr for tropical use, 1780v, RMS test. |                             |        | 16-C-74802-6414        |                |                |                       | CRP<br>CRP | 92-5595-G1<br>S97-5052P2   |            |                             | SO-5              |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-579

**RESTRICTED**

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SHEET 47-580

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------|
| -472406               | TRANSFORMER, DISCRIMINATOR: 12/17/48<br>30 mc; unshielded; 1 23/32" lg x 3/8" OD; synthane core; double tuned; tuned w/capacitor not incl and tube capacitance; two 0.136" diam mtg holes 1 1/2" c to c diametrically through core; 4 wire lead term; impr for tropical use.  |                     |        | 17-T-67265-8809        |                |                |                       | CRP<br>CRP | 92-545701<br>892-545701    |            |                             | SO-5              |
| -472407               | COIL, RF: 12/22/48<br>plate choke; 3 $\mu$ e univereal wnd; unshielded; 1 milli-henry, 50 ma, 23 ohms p/m 10%, freq range 2 to 12 mc; 1" lg x 1/2" diam, o/a excluding term; isolantite form; form 1/4" diam x 1" lg; term mtd; 2 axial wire term 1 1/2" lg; arc resistant, moisture and fungus resistant.  | 16C38<br>Grade A    |        | 16-C-74331-5344        |                |                | 3C1084H-55            | CRV        | 889573-2 sub 4             |            |                             | AN/GRC-13         |
| -472408               | TRANSFORMER, RF: 12/27/48<br>isolation bridge transf; 2 concentric wnd on separate forms, single layer wnd; shielded by copper sheeting; pri 85 turns, secd 85 turns #38 AWG, DS wire; 2 5/16" diam x 5" lg w/ 2 3/16" lg lead on one side terminated in plug; isolantite form 1 5/16"; untuned; mtd by plug on one end CAG type 916-365; freq range 400 kc to 3 mc.  |                     |        | 17-T-81037-1719        |                |                |                       | CAG        | 916-4D-P1                  |            |                             | CAG-60094         |
| -472409               | TRANSFORMER, RF: 1/27/48<br>isolation bridge transf; 2 concentric wnd on separate forms, single layer wnd; shielded by copper sheeting; pri 6 turns, secd 6 turns #38 AWG, DS wire; 2 5/16" diam x 5" lg w/ 2 3/16" lg lead on one side terminated in plug; mtd by plug on one end CAG type #916-365; freq range 3 to 60 mc.  |                     |        | 17-T-81061-1719        |                |                |                       | CAG        | 916-4D-P2                  |            |                             | CAG-60094         |
| -47241C               | TRANSFORMER, RF: 12/30/48<br>RF transf; 2 wnd, solenoid wnd; unshielded; pri 10 turns of 7 strand #41 AWG wire, secd 85 1/2 turns of 7 strand #41 AWG wire; 2 1/32" lg x 13/32" OD excluding term; phenolic form, powdered iron core; coil form approx 1 23/32" x 5/16" diam; pre-tuned in unit; #4-40 thd mtg etud 1 end 5/16" lg; 4 solder lug term, 2 on ea end of coil form; red dot mtg end; wax impr. |                     |        | 17-T-82064-1086        |                |                | 3C1084Z6-19           | CRV        | M-442874-501<br>sub 7      |            |                             | AN/GRC-13         |
|                       |   |                     |        |                        |                |                |                       |            |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47580

**RESTRICTED**

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SHEET 47-581

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472411               | TRANSFORMER, RF: 12/30/48<br>RF interstage band; 2 wnd, solenoid wnd; unshielded; pri 10 turns #30 AWG wire, eecd 46 turns #30 AWG; 2 1/32" lg x 13/32" OD excluding term; phenolic form, powdered iron core; coil form approx 1 23/32" lg x 5/16" diam approx; pre-tuned in unit; #4-40 thd mtg stud 1 end 5/16" lg; 4 solder lug term, 2 on ea end of coil form; color coded w/blue dot mtg end; wax impr.                 |                     |        | 17-T-82064-1083        |                |                | 3C108426-20           | CRV | M-442874-503<br>sub 7      |            |                             | AN/GRC-13         |
| -472412               | TRANSFORMER, RF: 12/30/48<br>RF transf; 2 wnd, solenoid wnd; unshielded; pri 15 turns #30 AWG wire, eecd 25 turns #30 AWG; 2 1/32" lg x 13/32" OD excluding term; phenolic form, powdered iron core; coil form approx 1 23/32" lg x 5/16" diam; pre-tuned in unit; #4-40 thd mtg stud 1 end 5/16" lg; 4 solder lug term, 2 on ea end of coil form; black dot mtg end; wax impr.  |                     |        | 17-T-82065-5576        |                |                | 3C108426-21           | CRV | M-442874-505<br>sub 7      |            |                             | AN/GRC-13         |
| -472413               | TRANSFORMER, RF: 12/30/48<br>RF transf; 2 wnd, solenoid wnd; unshielded; pri 15 turns #26 AWG, eecd 19 turns #26 AWG; 1 23/32" lg x 13/32" OD excluding term; phenolic form, powdered iron core; coil form approx 1 23/32" lg x 5/16" diam; pre-tuned in unit; mtg stud 1 end 5/16" lg, #4-40 thd; 4 solder lug term, 2 on ea end; color coded w/ brown dot mtg end; wax impr.   |                     |        | 17-T-82065-5578        |                |                | 3C108426-22           | CRV | M-442874-507<br>sub 10     |            |                             | AN/GRC-13         |
| -472414               | TRANSFORMER, RF: 12/30/48<br>ant coupling band; 2 wnd, solenoid wnd; unshielded; pri 2 1/2 turns of 7 strand #41 AWG wire, eecd 82 1/2 turns of 7 strand #41 AWG wire; 2 1/32" lg x 13/32" OD excluding term; phenolic form, powdered iron core; coil form approx 1 23/32" lg x 5/16" OD; pre-tuned in unit; mts by #4-40 thd stud 1 end 5/16" lg; 4 solder lug term, 2 on ea end of coil form; white dot mtg end; wax impr. |                     |        | 17-T-82061-8124        |                |                | 3C108426-15           | CRV | M-442874-502<br>sub 7      |            |                             | AN/GRC-13         |
| -472415               | TRANSFORMER, RF: 12/30/48<br>ant coupling; 2 wnd, solenoid wnd; unshielded; pri 5 turns #20 AWG wire, eecd 46 turns #30 AWG wire; 2 1/32" lg x 13/32" OD excluding term; phenolic form, powdered iron core; coil form approx 1 23/32" lg x 5/16" OD; pre-tuned in unit; #4-40 thd mtg stud 1 end 5/16" lg; 4 solder lug term, 2 on ea end of coil form; color coded w/yellow dot mtg end; wax impr.                          |                     |        | 17-T-82062-5579        |                |                | 3C108426-16           | CRV | M-442874-504<br>sub 7      |            |                             | AN/GRC-13         |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-581

**RESTRICTED**

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SHEET 47-582

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|-----------------------------|-------------------|
| -472416               | TRANSFORMER, RF: 12/30/48<br>ant coupling; 2 wnd, solenoid wnd; unshielded; pri 5 turns #30 AWG wire, secd 26 turns #30 AWG wire; form 1 23/32" lg x 13/32" OD excluding term and mtg stud; phenolic form, powdered iron core; coil form approx 1 23/32" lg x 5/16" diam; pre-tuned in unit; mtg stud 1 end 5/16" lg #4-40 thd; 4 solder lug term, 2 on ea end of coil form; color coded w/green dot mtg end; wax impr. |                     |        | 17-T-82062-5575        |                |                | 3C108426-17           | CRV  | M-442874-506<br>sub 10     |                             | AN/GRC-13         |
| -472417               | TRANSFORMER, RF: 12/30/48<br>RF transr; 2 wnd, solenoid wnd; unshielded; pri 5 turns #26 AWG wire, secd 19 turns #26 AWG wire; 1 23/32" lg x 13/32" OD excluding term and mtg stud; phenolic form, powdered iron core; coil form approx 1 23/32" lg x 5/16" diam; pre-tuned in unit; mtg stud 1 end 5/16" lg #4-40 thd; 4 solder lug term, 2 on ea end of coil form; orange dot mtg end; wax impr.                      |                     |        | 17-T-82062-5577        |                |                | 3C108426-18           | CRV  | M-442874-508<br>sub 10     |                             | AN/GRC-13         |
| -472418               | COIL, RF: 12/30/48<br>plate choke; 3 pie universal wnd, 1 wnd; unshielded; 1.0 millihenry, 300 ma, 11 ohms p/m 10% DC resistance; 1/2" diam x 1" lg, excluding terminations, 2 axial wire leads 1 1/2" lg; solid molded bakelite core; form 1" lg x 1/4" diam; mts by 2 pigtaills 1 1/2" lg; 2 axial wire leads 1 1/2" lg; tropicalized, term hot tinned.   |                     |        | 16-C-74331-5346        |                |                | 3C108426-30           | CRV  | 8889573-1 sub 4            |                             | AN/GRC-13         |
| -472419               | TRANSFORMER, IF: 12/30/48<br>lam thermosetting plastic form, natural finish, air core; 2 wnd, ea 4 pie universal series wnd, 18 turns #30-44 Litz wire, freq 1600 kc, cur rating 2 ma; cylindrical, unshielded; coil form 0.253" ID x 0.312" OD x 2.655" lg x 0.455" diam x 2.655" lg, o/a; 4 tinned wire leads; color coded white; wax impr.   |                     |        | 17-T-67755-7981        |                |                | 30614-5               | CRV  | M-443674-501<br>sub 6      |                             | AN/GRC-13         |
| -472420               | TRANSFORMER, IF: 12/30/48<br>lam thermosetting plastic form, natural finish, air core; 2 wnd, ea 4 pie universal wnd, pri 18 turns, secd 19 turns #30-44 Litz wire, freq 1600 kc, cur rating pri 5 ma, secd 0.1 ma; unshielded, cylindrical; coil form 0.253" ID x 0.312" OD x 2.655" lg, 0.455" diam x 2.655" lg, o/a; 4 tinned wire leads; color coded yellow; wax impr.  |                     |        | 17-T-67755-7996        |                |                | 30614-6               | CRV  | M-443674-502<br>sub 6      |                             | AN/GRC-13         |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-582

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SHEET 47-983

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472421               | TRANSFORMER, IF: 12/30/48<br>lam thermosetting plastic form, natural finish, air core; 2 wmd, ea 4 ple universal series wmd, pri 17 turns, secd 19 turns #30-44 Litz wire, freq 1600 kc, cur rating pri 1 ma, secd 0.0 ma; cylindrical, unshielded; coil form 0.293" ID x 0.312" OD x 2.695" lg, 0.455" diam x 2.695" lg, o/a; 4 tinned wire leads; color coded black; wax impr.                       |                     |        | 17-T-67755-7966        |                |                | 30614-4               | CRV | M-443674-503<br>sub 9      |            |                             | AN/GRC-13         |
| -472422               | TRANSFORMER, IF: 12/31/48<br>1600 kc; input, 1st IF; shielded; 3 11/32" lg x 1 7/16" wd x 1.115" d, o/a; powdered iron core; tuned pri and secd; adj iron core; 2 mtg studs #4-40 thd 1.079" c to c; 6 solder lug term; incl 2 ea capacitors JAN type CM20C181J, 1 ea resistor JAN type RC20BF183K, and 1 ea resistor JAN type RC20BF124K, marked "T-265864-501", moisture and fungus resistant.       |                     |        | 17-T-67760-4747        |                |                | 229642.92             | CRV | T-265864-501<br>sub 9      |            |                             | AN/GRC-13         |
| -472423               | TRANSFORMER, IF: 12/31/48<br>1600 kc; interstage; shielded; 3 11/32" lg x 1 7/16" wd x 1.115" d, o/a; iron core; tuned pri and secd; adj iron core; 2 mtg studs #4-40 thd, 1.079" c to c; 6 solder lug term; incl 2 ea capacitor JAN type CM20C181J, 1 ea resistor JAN type RC30BF472K, and 1 ea resistor JAN type RC20BF564K, marked "T-265864-502", moisture and fungus resistant.                   |                     |        | 17-T-67760-4757        |                |                | 229642.95             | CRV | T-265864-502<br>sub 9      |            |                             | AN/GRC-13         |
| -472424               | TRANSFORMER, IF: 12/31/48<br>1600 kc; interstage, 2nd IF; shielded; 3 11/32" lg x 1 7/16" wd x 1.115" d, o/a; powdered iron core; tuned pri and secd; adj iron core; 2 mtg studs #4-40 thd, 1.079" c to c; 6 solder lug term; incl 2 ea capacitors JAN type CM20C181J, 1 ea resistor JAN type RC20BF183K, and 1 ea resistor JAN type RC20BF124K, marked "T-265864-503", moisture and fungus resistant. |                     |        | 17-T-67760-4762        |                |                | 229642.93             | CRV | T-265864-503<br>sub 9      |            |                             | AN/GRC-13         |
| -472425               | TRANSFORMER, IF: 12/31/48<br>1600 kc; interstage, 3rd IF; shielded; 3 11/32" lg x 1 7/16" wd x 1.115" d, o/a; powdered iron core; tuned pri and secd; adj iron core; 2 mtg studs #4-40 thd, 1.079" c to c; 6 solder lug term; incl 2 ea capacitor JAN type CM20C181J, and 1 ea resistor JAN type RC20BF103K, marked "T-265864-504", moisture and fungus resistant.                                     |                     |        | 17-T-67760-4832        |                |                | 229642.94             | CRV | T-265864-504<br>sub 9      |            |                             | AN/GRC-13         |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-983

**RESTRICTED**

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SHEET 47-584

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472426               | <p>TRANSFORMER, RF: 12/31/48</p> <p>CW osc; 2 wnd, single layer wnd w/tap at 28th turn, and 1 pie universal wnd; unshielded; pri 40 turns #10-42 Litz wire, secd 55 turns #10-42 Litz wire;</p> <p>2 23/32" lg max x 9/16" diam, o/a; lem thermosetting plastic form, powdered iron core; form l 13/32" lg x 5/16" OD; adj core; scdr adj ctr mtg end; 1 hole mtg bushing 3/16" lg w/ 1/4" -32 thd x 1/8" lg; 5 wire lead term at mtg end; wax impr, moisture and fungus resistant.</p>   |                     |        | 17-T-82448-1126        |                |                | 30108426-23           | CRV | M-427952-501<br>sub 4      |            |                             | AN/GRC-13         |
| -472427               | <p>TRANSFORMER, RF: 12/31/48</p> <p>harmonic attenuator input filter; 3 wnd, 2 single layer wnd, one 2 pie universal wnd; cylindrical aluminum shield can; top wnd 6 1/2 turns #30 AWG wire, ctr wnd 10 turns #20 AWG wire, bottom wnd 25 turns #10-42 Litz wire; 2 1/4" lg x 1 1/32" wd x 13/16" h; bakelite form w/2 adj powdered iron cores; form 9/32" OD x 1 1/4" lg; adj cores; scdr adj ctr ea end; 2 mtg studs #4-40 thd x 7/16" lg, 25/32" c to c; 6 solder lug term, 2 on top and 4 on bottom; marked w/ 1/8" h ltr, "A", "B" on top, w/red dot near end; moisture and fungus resistant, 1600 kc peak freq.</p>         |                     |        | 17-T-81687-9996        |                |                | 30108426-29           | CRV | 727423-501<br>sub 11       |            |                             | AN/GRC-13         |
| -472428               | <p>TRANSFORMER, RF: 1/3/49</p> <p>harmonic attenuator output filter; 3 wnd, 2 single layer wnd, one 3 pie universal wnd; cylindrical aluminum shield; top wnd 6 1/2 turns #30 AWG wire, ctr wnd 3 pie 19 turns ea #10-42 Litz wire, bottom wnd 15 1/2 turns #30 AWG wire; 2 1/4" lg x 1 1/32" wd x 13/16" h; bakelite form w/2 adj powdered iron cores; form 9/32" OD x 1 1/4" lg; adj cores; scdr adj ctr ea end; 2 mtd studs #4-40 thd x 7/16" lg, 25/32" c to c; 6 solder lug term, 2 on top and 4 on bottom; marked w/ 1/8" h ltr, "A", "B", on top w/red dot near end; moisture and fungus resistant, 1600 kc peak freq.</p> |                     |        | 17-T-81687-9998        |                |                | 30108426-28           | CRV | P-727423-502<br>sub 11     |            |                             | AN/GRC-13         |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-584

**RESTRICTED**

**RESTRICTED**

SHEET 47-585

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472429               | TRANSFORMER, RF:<br>osc; 2 wnd, single layer wnd; unshielded; pri 7 turns #39 AWG wire, secd 23 turns #39 AWG spaced 30 turns per inch; 2 1/32" lg x 13/32" diam, less term; lam thermostetting plastic tube, iron core; coil form 1 23/32" lg x 5/16" OD x 0.253" ID; adj iron core; scdr adj; mtd by bushing on form end, bushing not incl; 4 solder lug term ea 3/16" lg, 1 at bottom and 3 at top; color coded w/ 1 red and 1 white dot on form; wax impr, moisture and fungus resistant. | 1/3/49              |        | 17-T-82063-1976        |                |                | 30108426-27           | CRV | P-737946-504<br>sub 3      |            |                             | AN/GRC-13         |
| -472430               | SUPPRESSOR, PARASITIC:<br>resistor and coil type; 0.280" diam x 9/16" lg, approx less term; 17 turns #22 AWG wire w/220 ohms, 1v resistor; uncase; term mtd; 2 axial wire lead term #18 AWG 1 1/2" lg; moisture and fungus resistant.   | 1/3/49              |        | 16-S-89883-4858        |                |                | 321891-44.3           | CRV | 8889531-501<br>sub 2       |            |                             | AN/GRC-13         |
| -472431               | COIL, RF:<br>osc; 3 pie universal wnd, 4 crosees per turn, 1 wnd; unshielded; 5 1/2 turns #30 AWG wire, 18 turns per pie; 2 1/8" lg x 13/32" diam, approx o/a; lam thermostetting plastic form w/iron core slug; form 1 3/8" lg x 0.253" ID x 0.312" OD; adj iron core; scdr adj ctr of 1 end; 1 mtg stud #4-40 thd x 3/4" lg on 1 end; 2 wire leads out of middle, 1 lead 1 1/2" lg, the other 2 1/4" lg.  | 1/4/49              |        | 16-C-76503-1416        |                |                | 301081-3D             | CRV | K-8858120-501<br>sub 4     |            |                             | AN/GRC-13         |
| -472432               | COIL, RF:<br>UHF choke; single self supporting wnd; layer wnd; unshielded; 7 turns #16 tinned copper wire; 11/16" lg x 1/4" OD less leads; no form; mtd by connecting leads; 2 axial leads, one 25/32" lg, the other 5/8" lg.   | 1/11/49             |        | 16-C-71892-1062        |                |                |                       | CWI | 11371-1                    |            |                             | TS-186/UP         |
| -472433               | COIL, RF:<br>UHF choke; single self supporting wnd, layer wnd; unshielded; 1 1/2 turns #20 hard drawn tinned copper wire; 1/4" lg x 3/16" diam, excluding leads; no form; mtd by connecting leads; 2 axial leads ea 3/4" lg.  | 1/11/49             |        | 16-C-71627-2160        |                |                |                       | CWI | 12531-1                    |            |                             | TS-186/UP         |
| -472434               | COIL, RF:<br>ant; 1 single layer wnd; unshielded; 43 turns of #20 AWG copper wire; 2 5/16" lg x 3/4" diam, o/a; ceramic form, air core; form 2 5/16" lg x 3/4" OD x 0.628" ID; 2 clips, 1 at ea end; coated w/moisture and fungus resistant varnish.  | 1/11/49             |        | 16-C-72603-8998        |                |                | 301084E-56            | CRV | M-453872-501               |            |                             | AN/GRC-13         |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

SHEET 47-585

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

**RESTRICTED**



SHEET 47-586

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472435               | COIL, RF: 1/17/49<br>video compensation coil; single random step wnd; unshielded; 13.2 microhenries at 2.5 mc, 2 ohms DC resistance, 40 ma cur; 99 turns at 6 turns per step of 8 strands of #44 AWG single nylon E wire; 3/4" lg x 9/32" diam, o/a; isolantite form, air core; form 3/4" lg x 0.170" diam; mtd by axial leads; 2 axial leads 1 1/2" lg, 1 lead ea end; treated per CG #K-7896516.                   |                     |        | 16-C-73183-8285        |                |                |                       | CG  | ML-7403667G1               |            |                             | VL                |
| -472436               | COIL, RF: 1/17/49<br>video compensation coil; single random step wnd; unshielded; 26.5 microhenries at 2.5 mc, 2.45 ohms DC resistance, 40 ma cur; 115 turns at 10 turns per step of 8 strands of #44 AWG single nylon E wire; 3/4" lg x 5/16" diam, o/a; isolantite form CPQ #CF-170, air core; form 3/4" lg x 0.176" diam; mtd by axial leads; 2 axial leads 1 1/2" lg, 1 lead at ea end; treated per CG #7896516. |                     |        | 16-C-73382-5522        |                |                |                       | CG  | ML-7403667G2               |            |                             | VL                |
| -472437               | COIL, RF: 1/17/49<br>choke; 1 random step wnd; unshielded; 38 micro h at 2.5 mc, 2.6 ohms, 40 ma, DC; 135 turns #8-44 nylon covered, E, copper wire; 3/4" lg x 11/32" OD, excluding leads; isolantite form and core; term mtd; 2 axial wire lead term 1 1/2" lg.   |                     |        | 16-C-73481-4072        |                |                |                       | CG  | M-7403667-G3               |            |                             | VL                |
| -472438               | COIL, RF: 1/17/49<br>choke; 1 random step wnd; unshielded; 80 micro h at 2.5 mc, 4.2 ohms, 40 ma, DC; 182 turns #8-44 nylon covered, E, copper wire; 1" lg x 25/64" OD. excluding leads; isolantite form and core; term mtd; 2 axial wire lead term 1 1/2" lg.   |                     |        | 16-C-73676-9691        |                |                |                       | CG  | M-7403667-G4               |            |                             | VL                |
| -472439               | COIL, RF: 1/17/49<br>video compensation coil; single random step wnd; unshielded; 125 microhenries at 2.5 mc, 5.1 ohms DC resistance, 40 ma cur; 216 turns at 12 turns per step of 8 strands of #44 AWG single nylon E wire; 1" lg x 27/64" diam, o/a; CPQ form #CF-1/4, isolantite form, air core; form 1" lg x 0.250" diam; mtd by axial leads; 2 axial leads 1 1/2" lg, 1 lead ea end; treated per CG #K-7896516. |                     |        | 16-C-73838-7376        |                |                |                       | CG  | ML-7403667G5               |            |                             | VL                |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

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SHEET 47-587

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTORS DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|----------------------------|-------------------|
| -472440               | COIL, RF: 1/17/49<br>coil and resistor; 9/16" lg x 3/8" OD, excluding leads; 42 micro h at 2.5 mc, 2 ohms, 40 ma, DC, 110 turns #8-44 nylon covered, E, wire, Navy Type<br>63291-682 Resistor; uncased; term mtd; 2 wire lead term 1 1/2" lg.   |                     |        | 16-S-89777-8992        |                |                |                       | CG   | ML-7403668-01              |            |                            | VL                |
| -472441               | COIL, RF: 1/17/49<br>videe compensation coil; single randcm step wnd; unshielded; 80.5 micro h at 2.5 mc, 104 turns at 12 turns per step of #8-44 single nylon E wire, 3.5 ohms DC resistance, 40 ma; 0.688" lg x 31/64" diam, o/a; resistor JAN RC40BF682J as a form and core; form 3/4" lg x 0.280" diam; mtd by axial leads; 2 xial leade 1 1/2" lg, 1 lead ea end; treated per CC #K-7896516. |                     |        | 16-C-89780-6451        |                |                |                       | CG   | ML-740366802               |            |                            | VL                |
| -472442               | TRANSFORMER, RF: 1/26/49<br>instrument cur; pri 125 amp, secd 5 amp; 50 kc to 150 kc, 400v, 1 ph; ratio 25 to 1; pri is tubing through 1 1/8" diam window; closed textolite case; 9" lg x 2" wd x 9 1/4" h, o/a; 2 screw type term under cover in case; two 9/32" diam mtg holes 8 3/8" c to c.   |                     |        | 17-T-76576-4201        |                |                |                       | CG   | P-7700927-P1               |            |                            | AN/FRT-4          |
| -472443               | TRANSFORMER, RF: 1/26/49<br>instrument cur; pri 200 amp, secd 5 amp; 50 kc to 150 kc, 400v, 1 ph; ratio 40 to 1; pri c/o tubing through 1 3/4" diam window; closed textolite case; 9" lg x 2" wd x 9 1/4" h, o/a; 2 screw type term under cover in case; two 9/32" dim mtg holes 8 3/8" c to c.   |                     |        | 17-T-76576-9899        |                |                |                       | CG   | P-7700927-P2               |            |                            | AN/FRT-4          |
| -472444               | COIL, RF: 1/26/49<br>osc tuning; 2 fixed, 1 movable wnd, single layer wnd; unshielded; 1 wnd has 11 turns #20 AWG wire, 1 wnd has 98 turns #20 AWG wire, movable wnd has 88 turn #20 AWG wire; 19" lg x 8 5/32" h x 6 5/8" wd, o/a; textolite form, air core; tuned by var coupling; shaft adj; four 0.1935" diam mtg holes on 18" x 3" mtg/c; 4 solder lug term.                                 |                     |        | 17-T-84137-4149        |                |                |                       | CG   | T-7661481-02               |            |                            | AN/FRT-4          |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                            |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                            |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
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SHEET 47-588

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A G O STOCK NO | SIGNAL CORPS S OCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------|
| -472445               | TRANSFORMER, VARIABLE RF: 1/26/49<br>plate amp/r tank coil; 2 fixed coils, 2 movable coils single layer wnd; unshielded; fixed coil #1 has 5 turns 18/32/0.005" Litz wire, fixed coil #2 has 2 wnd 13 turns ea 6/32/0.005" Litz wire and 1 wnd 48 turns 6/32/0.005" Litz wire CT, ea rotor 20 turns 6/32/0.005" Litz wire; 24 1/2" lg x 10 5/16" wd x 12 7/8" h, o/a; phenolic form, air core; tuned by var coupling; adj by 2 shafts; four 9/32" diam mtg holes on 23 1/2" x 1 1/2" mtg/c; 3 solder lug term on top, 2 stud term on side. |                     |        | 17-T-84172-5619        |                |                |                       | CG         | T-7666607-01               |            |                             | AN/FRT-4          |
| -472446               | COIL, RF: 1/26/49<br>static discharge coil; 1 wnd, 100 turns single layer close wnd, 200 turns bank wnd, 10 turns single layer space wnd; unshielded; 5250 microhenries plus or minus 10%; 310 turns #10 AWG, copper, DC, wire; 38 1/2" lg x 8 21/32" OD, o/a; pyrex glass form, air core; 33 1/8" lg x 8 1/4" diam form; one 5/8"-11 thd x 38 1/2" lg mtg stud through core extending for mtg purposes; 2 wire lead term 20" lg; varnish coil.  |                     |        | 16-C-74906-7557        |                |                |                       | CG         | K-7883232-P1, rev 5        |            |                             | AN/FRT-4          |
| -472447               | TRANSFORMER, VARIABLE RF: 1/27/49<br>variometer; pri and 1 secd single layer wnd, 2 secd double bank wnd; unshielded; pri 30 turns #64/0.005" Litz wire, secd #1 has 28 turns #32/0.005" Litz wire, secd #2 has 40 turns #64/0.005" Litz wire, secd #3 has 69 1/2 turns #64/0.005" Litz wire; 13 5/8" lg x 8 7/8" wd x 12 7/8" h, o/a; phenolic form, air core; tuned by var coupling; shaft adj; four 9/16" diam mtg holes on 11 1/2" x 2 1/4" mtg/c; 7 stud type term.   |                     |        | 17-T-84177-7473        |                |                |                       | CG         | T-7666510-P1               |            |                             | AN/FRT-4          |
| -472448               | COIL, RF: 1/29/49<br>used in beam forming lag line; 1 wnd; unshielded; 89 p/m 1 millihenry at 28 kc, 3 ohms per wnd, lv total; CT; 1 5/8" diam x 1 1/8" lg o/a; iron core, phenolic form; mtd by single hole in ctr 0.144" diam; 4 ins term on top of case; marked CRV-472448; distributed cap 100 mmf, compound filler.   |                     |        | 16-C-75564-4711        |                |                |                       | CRV<br>CRV | M-442762-501<br>K-897205   |            |                             | QBC               |
|                       |  |                     |        |                        |                |                |                       |            |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |            |                            |            |                             |                   |

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NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-588

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SHEET 47-589

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472449               | COIL, RF: 2/1/49<br>choke; 1 wnd, 3 band layer wnd; unshielded; 2550 micro h at 1000 cps, 5 amp RF, 0.7 ohms DC resistance; 177 turns 6/32/0.005" Litz wire; 11 1/8" lg x 9" diam, o/a; textolite form, air core; 3 mtg holes #8-32 tapped equally spaced on 7 3/4" diam in mtg ft; 2 stud term, 1 on top and 1 on bottom.  |                     |        | 16-C-74752-7556        |                |                |                       | CG   | P-7772060-P1               |            |                             | AN/FRT-4          |
| -472450               | COIL, RF: 2/1/49<br>choke; 1 wnd, single layer wnd; unshielded; 0.466 ohms DC resistance; 34 turns #14 AWG tinned copper wire; 5" lg x 3 1/2" wd x 2 3/4" h, o/a; isolantite form, air core; 2 mtg blocks at opposite ends of coil, one #10-32 thd mtg holes in ea 2 9/16" c to c; 2 stud type term on side.  |                     |        |                        |                |                |                       | CG   | M-7482468-P1               |            |                             | AN/FRT-4          |
| -472451               | COIL, TUBE DEFLECTION: 2/12/49<br>deflection yoke coil; textolite form; c/o 4 sets of concentric wnd ea having 2 sets of coils w/335 turns #36 AWG formex wire ea number of turns have sine distribution in bands of ea wnd, ea wnd ins 2200v, RMS, ins between banks 600v, distributed cap of ea coil to common w/other coils open 250 mmf max; 2 3/4" lg x 4" diam, o/s; 1 1/2" diam thru mtg hole; 5 wire lead term. |                     |        |                        |                |                |                       | CG   | M-7483136-P1               |            |                             | VL                |
| -472452               | COIL, RF: 2/23/49<br>mixer band coil; toroidal wnd, 1 wnd; aluminum shield; 169.2 milli h p/m 0.5%, distributed cap 30 p/m 5 mmf; tapped at 350 turns; 1 49/64" diam x 53/64" lg, o/a; phenolic form, air core; one 3/16" diam mtg hole in ctr; 3 wire lead term.   |                     |        | 16-C-75629-3771        |                |                |                       | CADV | 90120-1                    |            |                             | AN/URM-6          |
| -472453               | COIL, RF: 2/23/49<br>mixer band; toroidal wnd, 1 wnd; aluminum shield; 40.2 milli h p/m 0.5%, distributed cap 30 p/m 5 mmf; tapped at 250 turns; 1 49/64" diam x 53/64" lg, o/a; phenolic form, air core; one #6-32 tapped mtg hole in ctr; 3 wire lead term.   |                     |        | 16-C-75427-5703        |                |                |                       | CADV | 90120-2                    |            |                             | AN/URM-6          |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-58:

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SHEET 47-590

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472454               | COIL, RF: 2/23/49<br>mixer band; toroidal wnd, 1 wnd; aluminum shield; 9.44 milli h p/m 0.5%, distributed cap 30 p/m 5 mmf; tapped at 150 turns; 1 49/64" diam x 53/64" lg, o/a; phenolic form, air core; one 3/16" diam mtg hole in ctr; 3 wire lead term. |                     |        | 16-C-75049-5537        |                |                |                       | CADW | 90120-3                    |            |                             | AN/URM-6          |
| -472455               | COIL, RF: 2/23/49<br>mixer band; toroidal wnd, 1 wnd; aluminum shield; 2.23 milli h p/m 0.5%, distributed cap 25 p/m 5 mmf; tapped at 125 turns; 1 49/64" diam x 53/64" lg, o/a; phenolic form, air core; one #6-32 thd mtg hole in ctr; 3 wire lead term.  |                     |        | 16-C-74599-6458        |                |                |                       | CADW | 90120-4                    |            |                             | AN/URM-6          |
| -472456               | COIL, RF: 2/25/49<br>osc coil; toroidal wnd, 1 wnd; aluminum shield; 79.0 milli h p/m 0.5%, distributed cap 30 p/m 5 mmf; 1 49/64" diam x 53/64" lg, o/a; phenolic form, air core; one 3/16" diam mtg hole in ctr; 2 wire lead term.                        |                     |        | 16-C-75223-2858        |                |                |                       | CADW | 90119-1                    |            |                             | AN/URM-6          |
| -472457               | COIL, RF: 2/25/49<br>osc coil; toroidal wnd, 1 wnd; aluminum shield; 28.8 milli h p/m 0.5%, distributed cap 30 p/m 5 mmf; 1 49/64" diam x 53/64" lg, o/a; phenolic form, air core; one #6-32 thd mtg hole in ctr; 2 wire lead term.                         |                     |        | 16-C-75362-4672        |                |                |                       | CADW | 90119-2                    |            |                             | AN/URM-6          |
| -472458               | COIL, RF: 2/25/49<br>osc coil; toroidal wnd, 1 wnd; aluminum shield; 7.10 milli h p/m 0.5%, distributed cap 30 p/m 5 mmf; 1 49/64" diam x 53/64" lg, o/a; phenolic form, air core; one 3/16" diam mtg hole in ctr; 2 wire lead term.                        |                     |        | 16-C-74993-4048        |                |                |                       | CADW | 90119-3                    |            |                             | AN/URM-6          |
| -472459               | COIL, RF: 2/25/49<br>osc coil; toroidal wnd, 1 wnd; aluminum shield; 2.05 milli h p/m 0.5%, distributed cap 30 p/m 5 mmf; 1 49/64" diam x 53/64" lg, o/a; phenolic form, air core; one #6-32 thd mtg hole in ctr; 2 wire lead term.                         |                     |        | 16-C-74571-1058        |                |                |                       | CADW | 90119-4                    |            |                             | AN/URM-6          |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
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SHEET 47-590

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SHEET 47-591

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN       |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------------|
| -472460               | <p>COIL, RF: 2/26/49</p> <p>RF transf, ant, band 1; 2 wnd, toroidal wnd; aluminum shield; freq range 14 to 30 kc, inductance 172 milli h p/m 1/2%, distributed cap 30 mmf p/m 5 mmf, DC resistance 0.21 ohms, 500v, DC, test; pri 10 turns #30 AWG, solid formvar wire, secd 1680 turns #33 AWG formvar wire; 1 49/64" diam x 53/64" lg, less leads; phenolic form, iron core; mts by 3/16" diam hole in ctr of shield; 4 flex wire leads 3" lg at bottom of shield; shield stamped 90118-1; uses but does not incl rectangular cover, high temp wax impr.</p>  |                     |        | 17-T-81314-1087        |                |                |                       | CADW | B-90118-1 chg A            |            |                             | IM-36/URM-6<br>AN/URM-6 |
| -472461               | <p>COIL, RF: 2/26/49</p> <p>RF transf, ant, band 2; 2 wnd, toroidal wnd; aluminum shield; freq range 30 to 60 kc, inductance 41.5 milli h p/m 1/2%, distributed cap 30 mmf p/m 5 mmf, DC resistance 0.22 ohms, 500v, DC, test; pri 10 turns #30 AWG, solid formvar wire, secd 1220 turns #32 AWG, formvar wire; 1 49/64" diam x 53/64" lg, less leads; phenolic form, iron core; mts by 3/16" diam hole in ctr of shield; 4 flex wire leads 3" lg at bottom of shield; shield stamped 90118-2; uses but does not incl rectangular cover, high temp wax impr</p> |                     |        | 17-T-81314-1089        |                |                |                       | CADW | B-90118-2 chg A            |            |                             | AN/URM-6                |
| -472462               | <p>COIL, RF: 2/26/49</p> <p>RF transf, ant, band 3; 2 wnd, toroidal wnd; aluminum shield; freq range 60 to 125 kc, inductance 9.47 milli h p/m 1/2%, DC resistance 0.2 ohms, 500v, DC, test; pri 10 turns #30 AWG, solid formvar wire; secd 592 turns #30 AWG, formvar wire; 1 49/64" diam x 53/64" lg, less leads; phenolic form, iron core; mts by 3/16" diam hole in ctr of shield; 4 flex wire leads 3" lg at bottom of shield; shield stamped 90118-3; uses but does not incl rectangular cover, high temp wax impr.</p>                                   |                     |        | 17-T-81314-1091        |                |                |                       | CADW | B-90118-3 chg A            |            |                             | AN/URM-6                |
| -472463               | <p>TRANSFORMER, RF: 2/26/49</p> <p>RF transf, ant, band 4; 2 wnd, toroidal wnd; aluminum shield; freq range 125 to 250 kc, inductance 2.26 milli h p/m 1/2%, DC resistance 0.2 ohms, 500v, DC, test; pri 10 turns #30 AWG solid formvar wire, secd 290 turns #3-33 formvar wire; 1 49/64" diam x 53/64" h, less leads; phenolic form, iron core; mts by 3/16" diam hole in ctr of shield; 4 flex wire leads 3" lg at bottom of shield; shield stamped 90118-4; uses but does not incl rectangular cover, high temp wax impr.</p>                                |                     |        | 17-T-81314-1093        |                |                |                       | CADW | B-90118-4 chg A            |            |                             | IM-36/URM-6<br>AN/URM-6 |

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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR          | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|--------------|----------------------------|------------|-----------------------------|-------------------|
| -472464               | COIL, RF: 2/26/49<br>choke; 1 wnd, 4 pie universal wnd; unshielded; 15 milli h p/m 10% at 1000 cps, 500 ma, 23.1 ohms DC resistance; 375 turns #28 AWG double nylon covered copper wire; 4 5/16" lg x 1 3/8" wd x 1 15/16" h, o/a; steatite form and core; two 0.169" diam mtg holes 3 13/16" c to c; mtg bkt used as term.   |                     |        | 16-0-75232-6053        |                |                |                       | CG           | P-7700550                  |            |                             | AN/SST-1          |
| -472465               | TRANSFORMER, IF: 2/26/49<br>12.5 kc; input; shielded; 4 1/8" lg x 1 31/32" wd x 1 1/2" d; powdered iron core; tuned pri and sec'd; adj iron core; two #6-32 thd mtg studs 2" c to c; 7 binding post term; wax impr.   |                     |        | 17-T-67412-3346        |                |                |                       | CADV<br>CADV | 90121-1<br>80019           |            |                             | AN/URM-5          |
| -472466               | TRANSFORMER, IF: 2/6/49<br>12.5 kc; 1st IF; shielded; 4 1/8" lg x 1 31/32" wd x 1 1/2" d; powdered iron core; tuned pri and sec'd; adj iron core; two #6-32 thd mtg studs 2" c to c; 7 binding post term; wax impr.   |                     |        | 17-T-67412-3351        |                |                |                       | CADV<br>CADV | 90122-1<br>80020           |            |                             | AN/URM-6          |
| -472467               | TRANSFORMER, IF: 2/26/49<br>12.5 kc; 2nd IF; shielded; 4 1/8" lg x 1 31/32" wd x 1 1/2" d; powdered iron core; tuned pri and sec'd; adj iron core; two #6-32 thd mtg studs 2" c to c; 7 binding post term; wax impr.  |                     |        | 17-T-67412-3356        |                |                |                       | CADV<br>CADV | 90123-1<br>80021           |            |                             | AN/URM-6          |
| -472468               | COIL, RF: 2/28/49<br>osc; 3 wnd, layer wnd; unshielded; wnd one 1.5 millihenries at 1 kc, 0.05 ohms DC resistance, wnd two 0.6 millihenries at 1 kc, 1.10 ohms DC resistance, wnd three 2.0 millihenries at 1 kc, 6.0 ohms DC resistance; wnd one 5 1/2 turns #20 AWG solid, ins, copper wire, term 1 to 5, wnd two 192 turns, #26 AWG, copper, E, IS, term 2 to 6; wnd three 347 turns #29 AWG, copper, E, single nylon, term 3 to 4; 2 1/8" lg x 1 1/2" diam, o/a; ceramic form, air core; coil form 1 7/16" lg x 3/8" diam; mts by bkt on end opposite term w/two 3/16" diam holes on 1" mtg/c; 6 solder term on end opposite mtg bkt; term board marked 1, 2, 3, 4, 5, 6. |                     |        | 17-T-81963-2477        |                |                |                       | CANU         | 968-27 alt 1               |            |                             | SG-21/U           |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR          | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|--------------|----------------------------|------------|-----------------------------|-------------------|
| -472469               | TRANSFORMER, IF: 2/28/49<br>12.5 ko; 3rd IF; shielded; 4 1/8" lg x 1 31/32" wd x 1 1/2" d; powdered iron core; tuned pri. and sec; adj iron core; two #6-32 thd mtg studs 2" c to c; 7 binding post term; wax impr.  |                     |        | 17-T-67412-3361        |                |                |                       | CADY<br>CADY | 90124-1<br>80022           |            |                             | AN/URM-6          |
| -472470               | COIL, RF: 3/1/49<br>high RF coil; single layer, space wnd, spaced 80 turns per inch, 1 wnd; unshielded; 23 1/4 turns #30 AWG wire; 3 5/8" lg x 1 9/16" diam; phenolic form, iron core; integral base 1 9/16" diam x 1/4" thk, w/base form 3/4" diam x 2 1/4" lg, w/shoulder 3/8" lg x 0.623" diam, wnd portion 1/2" diam x 3/4" lg hole 1/4"-20 tap x 7/8" d in end; 3 mtg holes 0.147" diam in base of form equally spaced on 1 1/4" diam circle; 2 leads on bottom; marked w/Navy Type 472470; wax impr, humidity resistant. |                     |        | 16-C-72348-9306        |                |                | 301084E-58            | CRV          | K-8856994-501<br>sub 7     |            |                             | AN/GRC-13         |
| -472471               | COIL, RF: 3/4/49<br>oco; 1 wnd, 2 pie, universal wnd, CT; rectangular metal shield can; 200 to 250 milli h; 2000 turns #3-41 ES, Litz wire; 3 13/16" h x 1 3/4" sq, o/a; phenolic form, iron core; adj iron core; solder adj at top of can; two #6-32 thd mtg studs 1 11/16" c to c; 3 solder post term on bottom; marked 467901, 472471; incl 1 JAN CC40UJ421J capacitor.   |                     |        | 16-C-76846-7886        |                |                |                       | CBOA         | S-135                      | CRR        | 497901                      | AN/BQC-1          |
| -472472               | COIL, RF: 3/4/49<br>oco; 1 wnd, 2 pie, universal wnd, CT; rectangular metal shield can; 45 to 60 milli h; 1000 turns #3-41 ES, Litz wire; 3 13/16" lg x 1 3/4" sq, o/a; phenolic form, iron core; adj iron core; solder adj at top of can; two #6-32 thd mtg studs 1 11/16" c to c; 3 solder post term on bottom; marked 467902, 472472; incl 1 JAN CCM5B621J and 1 JAN CC35UJ201J capacitor.  |                     |        | 16-C-76801-1159        |                |                |                       | CBOA         | S-136                      | CRR        | 497901                      | AN/BQC-1          |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-592-1

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SHEET 47-593

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472473               | TRANSFORMER, RF: 3/7/49<br>plate coupling; 3 wnd, single layer wnd, pri wnd 12 1/4v, 817 ms, 15 ohms impedance, secd #1 has 100 ohms impedance CT, secd #2 has 20000 ohms impedance; int shielded secd, shield gnd; pri 24 turns #19 ES, copper wire, secd #1 has 62 turns #28 ES, copper wire, secd #2 has 880 turns, #40 ES, copper wire; 2 1/2" lg x 1 7/16" sq, o/a; 1mm steel core; four #6-32 thd x 3/16" d mtg holes on 1" sq ctr; 7 solder post term; marked 410111, 472473; for 70 kc operation. |                     |        | 17-T-82068-3206        |                |                |                       | CPU  | 16131                      | CRR        | 410111                      | AN/BQN-1          |
| -472474               | COIL, RF: 3/8/49<br>tank coil; 1 wnd, universal wnd; unshielded; 620 micro h at 70 kc, 100 ms, 1.354 ohms DC resistance; 165 turns #30-40 Litz wire nylon covered; 1 5/8" lg x 1 9/16" wd x 1 1/8" h; phenolic form, powdered iron core; two 9/64" diam mtg holes 1 3/32" c to c; 2 solder lug term.  |                     |        | 16-C-74217-6481        |                |                |                       | CADE | XP-771                     | CRR        | 410110                      | AN/BQN-1          |
| -472475               | COIL, RF: 3/8/49<br>osc; 1 wnd, single layer wnd; rectangular aluminum shield can; 22 to 34 milli h p/m 5%, 0.012 amp, 165 ohms DC resistance; 1330 turns #38 AWG nylon covered copper wire tapped at 467 turns; 3 1/4" lg x 1 13/16" wd x 1 7/16" h, o/a; phenolic form, iron core; adj powdered iron core; scdr adj on top; two #6-32 thd mtg studs x 1/4" lg, 1 5/16" c to c; 4 solder lug term; marked 410108, 472475.  |                     |        | 16-C-76785-8345        |                |                |                       | CADE | XP-790                     | CRR        | 410108                      | AN/BQN-1          |

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NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

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SHEET 47-594

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFOR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472476               | COIL, RF: 3/8/49<br>ose; 1 wnd, single layer wnd; rectangular aluminum shield can; 10 to 14 milli h at 70 kc, 0.012 amp, 36 ohms DC resistance; 570 turns #3-41 Litz wire nylon covered; 3 1/4" lg x 1 13/16" wd x 1 7/16" thk, o/s; phenolic form, iron core; adj powdered iron core; scdr adj on top; two #6-32 thd mtg studs x 1/4" lg, 1 5/16" c to c; 4 solder lug term; marked 41019, 472476. |                     |        | 16-C-76773-6946        |                |                |                       | CADH | XP-847                     | CRR        | 41019                       | AN/BQN-1          |
| -472477               | COIL, RF: 3/8/49<br>tank coil; 1 wnd, universal wnd; unshielded; 24.34 milli h max, 18.99 milli h min at 140 kc, 110 ohms, 0.08 ma, DC; 1125 turns #3-41 nylon covered E, Litz wire; 2" lg x 1 3/8" wd x 1 9/16" h, o/s; phenolic form, iron core; adj powdered iron core; scdr adj on top; two 9/64" diam mtg holes on 1 3/32" mtg/c; 2 solder lug term.   |                     |        | 16-C-76780-7021        |                |                |                       | CADH | XP-1028                    | CRR        | 410126                      | AN/BQN-1          |
| -472478               | TRANSFORMER, IF: 3/14/49<br>12 mc; input; shielded; 1.954" lg x 1.492" wd x 3 3/4" h, excluding term; iron core; tuned pri and sec; 2 adj iron cores; two #6-32 thd x 5/16" lg mtg studs 1.808" c to c; 4 solder post term, 2 wire lead term; incl 2 Navy Type 63288-223 Resistors, 2 JAN CM20C6800 capacitors, and 1 JAN CC21UJ150J capacitor.   |                     |        | 16-T-68062-2662        |                |                |                       | CRR  | L203653-1                  |            |                             | AN/URD-2          |
| -472479               | TRANSFORMER, IF: 3/15/49<br>12 mc; interstage; shielded; 1 61/64" d x 1 15/16" wd x 3 3/4" lg, excluding term; iron core; tuned pri and sec; 2 adj iron cores; two #6-32 thd x 5/16" lg mtg studs 1 13/16" c to c; 4 solder post term on bottom; incl 2 JAN CM20C6800 capacitors and 2 JAN CC21UJ150J capacitors.   |                     |        | 17-T-68062-2643        |                |                |                       | CRR  | L203654-1                  |            |                             | AN/URD-2          |
| -472480               | TRANSFORMER, IF: 3/15/49<br>12 mc; interstage; shielded; 1 61/64" d x 1 15/16" wd x 3 3/4" lg, excluding term; iron core; tuned pri and sec; 2 adj iron cores; two #6-32 thd x 5/16" lg mtg studs 1 13/16" c to c; 4 solder post term on bottom; incl 1 JAN CM20C5603, 1 JAN CM20C6800, and 2 JAN CC21UJ150J capacitors.  |                     |        | 17-T-68062-2641        |                |                |                       | CRR  | L203654-2                  |            |                             | AN/URD-2          |
| -472481               | TRANSFORMER, IF: 3/15/49<br>12 mc; output; shielded; 1 61/64" lg x 1 15/16" wd x 3 3/4" h, excluding term; iron core; tuned pri and sec; 2 adj iron cores; two #6-32 thd x 5/16" lg mtg studs 1 13/16" c to c; 4 solder post term on bottom.  |                     |        | 17-T-68062-2647        |                |                |                       | CRR  | L203654-3                  |            |                             | AN/URD-2          |

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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

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SHEET 47-595

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MPGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472482               | COIL, RF: 3/16/49<br>choke; 1 wnd, 4 pie universal wnd; unshielded; 2.5 micro h at 100 kc, 5 ma, 40 ohms DC resistance; 225 turns #36 AWG nylon covered copper wire; 1 15/16" lg x 1/2" OD; solid steatite form; form 1 15/16" lg x 3/8" diam 1 end, 3/4" diam other end; #6-32 thd x 3/8" d mtg hole counterbored 0.144" diam x 1/16" d 1 end; 2 cotter pin term. |                     |        | 16-C-72885-4025        |                |                |                       | CG   | M-7481808-P4               |            |                             | AN/SLT-1          |
| -472483               | COIL, RF: 3/16/49<br>choke; 1 wnd, 1 pie universal wnd; unshielded; 65 micro h at 2 mc, 100 ma, 1.5 ohms DC resistance; 85 turns #32 copper wire double nylon covered; 1 1/4" lg x 19/32" OD; solid steatite form; form 1 1/4" lg x 1/4" diam 1 end, 3/8" diam other end; #6-32 thd x 3/8" d mtg hole 1 end counterbored 0.144" diam x 1/16" d; 2 cotter pin term. |                     |        | 16-C-73624-5251        |                |                |                       | CG   | M-7481808-P5               |            |                             | AN/SLT-1          |
| -472484               | COIL, RF: 3/16/49<br>choke; 1 wnd, 1 pie universal wnd; unshielded; 85 micro h at 2 mc, 100 ma, 1.6 ohms DC resistance; 95 turns #32 copper wire double nylon covered; 1 1/4" lg x 5/8" OD; solid steatite form; form 1 1/4" lg x 1/4" OD 1 end, 3/8" OD other end; #6-32 thd x 3/8" d mtg hole 1 end counterbored 0.144" diam x 1/16" d; 2 cotter pin term.       |                     |        | 16-C-73686-4086        |                |                |                       | CG   | M-7481808-P1               |            |                             | AN/SLT-1          |
| -472485               | COIL, RF: 3/17/49<br>choke; 1 wnd, 2 pie universal wnd; unshielded; 15 micro h at 100 kc, 150 ma, 30 ohms DC resistance; 1120 turns #30 AWG double nylon covered copper wire; 2" lg x 1 1/2" wd x 1 7/8" h, o/a; solid steatite form; form 1 1/2" lg x 1/2" diam; two 0.169" diam mtg holes 1" c to c; 2 mtg ft used as term.                                      |                     |        | 16-C-73218-5984        |                |                |                       | CG   | M-7481822-P1               |            |                             | AN/SLT-1          |
| -472486               | COIL, RF: 3/17/49<br>choke; 1 wnd, 6 pie universal wnd; unshielded; 300 microhenries at 100 kc, 600 ma, 1 ohm DC; 270 turns of #26 AWG double nylon covered copper wire; 3 1/2" lg x 1 7/8" h x 7/8" wd, o/a; solid steatite form; 3" lg x 1/2" diam form; two 0.169" diam mtg holes 2 1/2" c to c; mtg feet act as term, 2 term.                                  |                     |        | 16-C-74050-3992        |                |                |                       | CG   | M-7481823-P1               |            |                             | AN/SLT-1          |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

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| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472487               | COIL, RF: 3/17/49<br>choke; 1 wnd, 4 pie universal wnd; unshielded; 2 1/2 micro h at 100 kc, 0.5 amp, 10 ohms DC resistance; 592 turns #28 AWG double nylon covered copper wire; 3 1/2" lg x 1 7/8" h x 1 1/4" wd, c/a; solid steatite form; 3" lg x 1/2" diam form; two 0.169" diam mtg holes 2 1/2" c to c; 2 mtg ft used as term.  |                     |        | 16-C-72886-5047        |                |                |                       | DG   | N-7481821-P1               |            |                             | AN/SLT-1          |
| -472488               | COIL, RF: 3/23/49<br>dummy ant; 2 wnd, 1 single layer wnd, the other universal wnd; shielded, round aluminum can; 13.1 microhenries at 2.5 mc, pri 67 ma 0.33 ohms, secd 39 ma 1.75 ohms; pri 15 turns #30 E copper wire, secd 115 turns 15/44 litz wire; 2" h x 2" diam less term; phenolic form, powdered iron sleeve around wnd; mts by riveted insert in top of can w/#6-32 tap 1/8" d; 4 solder post term on bottom; wax impr. |                     |        | 17-T-81690-5663        |                |                |                       | CADV | 90090 chg 0                |            |                             | AN/URM-6          |
| -472489               | TRANSFORMER, RF: 4/9/49<br>input; 2 wnd, single layer wnd; rectangular steel shield; pri 14 ohms, secd 13 ohms DC, 85 kc; pri 420 turns #32 AWG single formex wire, secd 450 turns #32 AWG single formex wire; 2 1/2" lg x 1 1/2" sq, excluding term; phenolic term, powdered iron core; two #6-32 thd x 1/4" d mtg holes 1.414" c to c; 4 solder lug term; marked 000131.  |                     |        | 17-T-81373-2841        |                |                |                       | CFX  | 15039                      | CBEX       | 000131                      | AN/SQN-1          |
| -472490               | TRANSFORMER, RF: 4/11/49<br>interstage; 2 wnd, single layer wnd; rectangular steel shield; pri and secd ea 5.2 ohms DC, 85 kc; pri and secd ea 300 turns #31 AWG wire; 2 1/2" h x 1 1/2" sq, excluding term; phenolic form, powdered iron core; two #6-32 thd x 1/4" d mtg holes 1.414" c to c; 4 solder lug term; marked 000133.   |                     |        | 17-T-81372-1041        |                |                |                       | CFX  | 15040                      | CBEX       | 000133                      | AN/SQN-1          |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-596

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SHEET 47-596-1

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN    |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|----------------------|
| -472491               | TRANSFORMER, RF: 4/11/49<br>line matching; 2 wnd, single layer wnd; rectangular steel shield; pri 7.5 ohms, secd 0.5 ohms DC, freq 85 kc; pri 308 turns #33 AWG heavy formex wire, secd 52 turns #27 AWG heavy formex wire; 2 1/2" lg x 1 1/2" sq, excluding term; phenolic form, powdered iron core; two #6-32 tapped mtg holes x 1/4" d on 1.414" mtg/c; 4 solder lug term; marked 000130; rated 25w, 300v, AC, 0.002 sec on, 0.080 sec off.   |                     |        | 17-T-81326-6521        |                |                |                       | CFX | 15043                      | CBEX       | 000130 <sup>4</sup>         | AN/SQN-1             |
| -472492               | TRANSFORMER, VARIABLE RF: 4/11/49<br>output; 2 wnd, single layer wnd; rectangular steel shield; pri 2.85 to 1.73 milli h, 8 ohms, 0.08 amp, DC, secd 85 to 55 micro h, 0.5 ohms, 0.08 amp, DC, rated 80 to 90 kc; pri 308 turns #33 AWG heavy formex wire, secd 52 turns #27 AWG heavy formex wire; 3" lg x 1 1/2" sq, excluding term and adj screw; phenolic form, powdered iron core; adj iron core; hex nut adj on top; two #6-32 thd x 1/4" d mtg holes on 1.414" mtg/c; 4 solder lug term; marked 01715.  |                     |        | 17-T-81397-1795        |                |                |                       | CFX | 16632                      | CBEX       | 01715                       | AN/SQN-1             |
| -472493               | COLL, VARIABLE RF: 4/11/49<br>osc; 1 wnd, single layer tapped wnd; rectangular steel case, gray E finish; 150 min to 400 max microhenries, 1.12 ohms DC resistance term one to three, 0.15 ohms term two to three, 1.02 ohms term one to two, freq var from 80 to 90 kc w/0.014 mf; 100 turns #29 AWG, heavy Formex copper wire; 2 1/2" lg x 1 1/2" sq, excluding term and adj screw; phenolic form, iron core; adj powdered iron core; hex head screw adj through top of case; two #6-32 thd x 1/4" d mtg holes on 1" x 1" mtg/c, diagonally opposite; 3 solder lug term on bottom of case; case marked w/wnd schematic and "EDD 000135"; p/o AN Sonar Receiver-Transmitter RT-183/FQS-1. | JAN-T-27            |        | 16-C-76669-1354        |                |                |                       | CFX | 16630                      | CBEX       | 000135 rev A                | AN/FQS-1<br>AN/SQN-1 |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                      |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                      |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                      |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                      |

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NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-596-1

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SHEET 47-597

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472494               | COIL, RF: 4/12/49<br>choke; 1 wnd, single layer wnd; unshielded; 2.3 micro h at 10 mc, 0.2 ohms, 0.08 amp, DC; 36 turns #30 heavy formex wire; 5/8" lg x 7/32" OD excluding leads; solid phenolic form; form 5/8" lg x 3/16" OD; term mtd; 2 axial wire lead term.   |                     |        | 16-C-72873-6401        |                |                |                       | CBZ | CL-1153                    |            |                             | MX-851/SR         |
| -472495               | COIL, RF: 4/12/49<br>choke; 1 wnd, single layer wnd; unshielded; 0.3 micro h at 29 mc, 0.05 ohms, 0.080 amp, DC; 12 turns #30 heavy formex wire; 1/2" lg x 5/32" OD, less leads; solid phenolic form; form 1/2" lg x 1/8" OD; term mtd; 2 axial wire lead term.  |                     |        | 16-C-72714-8271        |                |                |                       | CBZ | CL-1152                    |            |                             | MX-851/SR         |
| -472496               | COIL, RF: 4/12/49<br>choke; 1 wnd, single layer wnd; unshielded; 0.116 micro h at 30 mc, 0.140 amp, 0.015 ohms DC resistance; 7 turns #27 AWG heavy formex wire; 1/2" lg x 5/32" OD, less leads; solid phenolic form; 1/2" lg x 1/8" OD form; term mtd; 2 axial wire lead term.                                    |                     |        | 16-C-72695-9659        |                |                |                       | CBZ | CL-1186-A                  |            |                             | MX-851/SR         |
| -472497               | COIL, RF: 4/13/49<br>choke; 1 wnd, single layer wnd; unshielded; 12 micro h p/m 10%, 1.09 ohms DC resistance p/m 10%, 0.01 amp, 2.3 mc; 50 turns #38 AWG wire; 3/8" lg x 5/32" diam, less leads; iron form, iron core; term mtd; 2 axial wire lead term 1 7/16" lg; color code, orange dot; encl in phenolic case. |                     |        | 16-C-73153-3710        |                |                |                       | CBZ | CL-10037                   |            |                             | MX-851/SR         |
| -472498               | TRANSFORMER, IF: 4/13/49<br>30 mc pea freq; input; shielded; 3/4" lg x 5/16" wd x 13/16" d, o/s; solid Dilecto MEC-1 form; untuned; 2 term mtg pins 1/16" OD x 9/32" lg; 2 wire lead term, 2 pin type term; pri and secd 15 1/2 turns ea #22 AWG copper wire, 1.53 mill h p/m 3%.                                  |                     |        | 17-T-68276-6573        |                |                |                       | CBZ | A-4885                     |            |                             | MX-851/SR         |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-597

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SHEET 47-598

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR        | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------------|----------------------------|------------|-----------------------------|-------------------|
| -472499               | TRANSFORMER, RF: 4/13/49<br>30 mc peak freq; input; unshielded; 15/16" lg x 7/16" wd x 11/16" d, c/a; solid Dilecto MEC-1 form; untuned; 2 term mtg pins 1/16" OD x 5/32" lg; 2 wire lead term; 2 pin type term; pri 6 1/2 turns #24 AWG copper wire, secd 21 1/2 turns #16 brass, silver pl wire, pri 0.61 micro h p/m 3%, secd 3.7 micro h p/m 3%. |                     |        | 17-T-68251-9661        |                |                |                       | CHZ        | A-4886                     |            |                             | MX-851/SR         |
| -472500               | COIL, RF: 4/22/49<br>choke; 1 wnd, univereal wnd; unshielded; 700 micro h p/m 5%, 1 mc, 6.6 ohms, 75 ma, DC; 200 turns #32 AWG, copper, ES wire; 1 1/8" lg x 7/8" OD; solid Formica YN-25 form; #4-40 thd x 3/16" d brass mtg insert 1 end; 2 term pins; wax impr.   |                     |        | 16-C-74225-3153        |                |                |                       | CHZ        | A-5434                     |            |                             | SG-25/U           |
| -472501               | REACTOR: 4/15/49<br>filter choke; 1 sect; 0.05 hy inductance at 30v, AC, 60 cyc, 1.6 amp, no DC amp; 1.16 ohms p/m 15% DC resistance; 1500v, 60 cyc, RMS test; HS metal case; 3 3/8" h x 2 1/2" diam not incl 9/16" lg term; compound filled; 2 solder term on bottom; no int gnd; mtd by band clamp.  |                     |        | 16-R-28864-1081        |                |                |                       | CAY<br>CAY | L-459171<br>P-7710012      |            |                             | SR-3a<br>SR-3b    |
| -472502               | COIL, RF: 4/15/49<br>choke; 1 wnd, single layer wnd; unshielded; 27 turns #20 AWG, copper, E wire; 1" lg x 19/64" diam, less leads; solid phenolic form; form 1" lg x 1/4" diam; term mtd; 2 axial wire leads.   |                     |        | 16-C-72416-2851        |                |                |                       | CHZ        | CL-1174                    |            |                             | SG-25/U           |
| -472503               | COIL, RF: 4/15/49<br>choke; 1 wnd, single layer wnd; unshielded; 1 micro h p/m 10%, 15 mc, 0.037 ohms p/m 10%, 200 ma; 13 turns #28 AWG copper wire; 3/8" lg x 5/32" OD, less leads; phenolic form, iron core; term mtd; 2 axial wire lead term 1 7/16" lg; fungusproof.   |                     |        | 16-C-72778-2626        |                |                |                       | CAUZ       | CFTR 3/8<br>13/28          | CHZ        | CL-1167                     | SG-25/U           |
| -472504               | COIL, RF: 4/21/49<br>choke; 1 wnd, single layer wnd; unshielded; 3.8 microhenries at 1 kc, 0.018 ohms DC, 2.6 amp; 30 turns #16 AWG, E, copper wire; 2 1/8" lg x 5/8" OD approx; air wnd; term mtd on 2 CMA ins 3/4" lg x 1/2" diam #OS10 w/two #10-24 mtg holes 2 1/8" c to c; 2 solder lug term.   |                     |        | 16-C-72949-8777        |                |                |                       | CBEX       | 001229                     |            |                             | AN/SQN-1          |
|                       |  |                     |        |                        |                |                |                       |            |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |            |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |            |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |            |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-598

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SHEET 47-599

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472505               | COIL, RF: 4/26/49<br>choke; 1 wnd, 3 pie universal wnd; unshielded; 152 microhenries from term 1 to 2, 280 microhenries from term 1 to 3; 200 turns #30 AWG, E, S, copper wire tapped at 50 and 100 turns; 1 3/8" lg x 5/8" diam o/a; ceramic form and core; form 1 3/8" lg x 3/8" OD; one #6-32 thd x 1/4" d mtg hole one end; 3 wire lead term fastened to cotter pins.                                     |                     |        |                        |                |                |                       | COL | 503 8584 002               |            |                             | AN/FRT-5          |
| -472506               | COIL, RF: 4/26/49<br>choke; 1 pie universal wnd; unshielded; 50 microhenries, DC cur 100 ma, DC resistance 1 ohm; 73 turns #30 AWG, E, S, copper wire; 1 3/8" lg x 1/2" diam, o/a; ceramic form and core; form 1 3/8" lg x 3/8" OD; one #6-32 thd x 1/4" d mtg hole 1 end; 2 wire lead term fastened to cotter pins.  |                     |        | 16-C-73555-5815        |                |                |                       | COL | 503 9136 002               |            |                             | AN/FRT-5          |
| -472507               | COIL, RF: 4/26/49<br>choke; 1 wnd universal wnd; unshielded; total inductance 280 microhenries p/m 10% at 152 microhenries p/m 10%; 200 turns #30 AWG, E, S, copper wire, tapped at 50 and 100 turns; 5/8" diam x 1 3/8" lg, o/a; ceramic coil form; form 3/8" diam x 1 3/8" lg; single hole mtg #6-32 thd x 1/4" d; 3 cotter pin term.   |                     |        | 16-C-74301-6453        |                |                |                       | COL | 503 9531 002               |            |                             | AN/FRT-5          |
| -472508               | COIL, RF: 4/26/49<br>osc; single layer wnd, 1 wnd; unshielded; 73 turns #33 AWG wire tapped at 64 1/2 turns; 3 28/32" lg x 2 1/8" diam, o/a; phenolic form, air core; adj iron core, not incl; mts by three #4-40 tapped holes on 13/16" rad, ea 3/32" diam; 2 solder lug term, 1 wire lead term 1 1/2" lg.   |                     |        | 16-C-72666-4402        |                |                |                       | COL | 503 9544 002               |            |                             | AN/FRT-5          |
| -472509               | COIL, RF: 4/26/49<br>tank; left hand wnd, single layer; unshielded; 22.5 microhenries, 10 amp RF; 27 1/2 turns, 1/4" x 0.125" edgewise copper strip, silver pl; 13 15/16" lg x 4" wd x 6 1/2" h, o/a; air core; main winding rotates, cont carriage slides along rod; adj by shaft one end w/col #503 9012 002 gear on end; four 17/64" diam mtg holes on 3" x 12 3/4" mtg/c, 3 screw type term, aycalex ins. |                     |        | 16-C-76635-1354        |                |                |                       | COL | 503 9223 003               | COL        | 503 9223 003                | AN/FRT-5          |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-599

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SHEET 47-600

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472510               | COIL, RF: 4/26/49<br>oec; single layer wnd, 1 wnd; unshielded; 41 turns #26 AWG wire, tapped at 33.2 turns; 3 7/8" lg x 2 1/8" diam, o/a; phenolic form, air core; adj iron core, not incl; mts by three #4-40 tapped holes on 13/16" rad; 2 solder lug term, 1 wire lead term.   |                     |        | 16-C-72590-8822        |                |                |                       | COL | 502 7541 002               |            |                             | AN/FRT-5          |
| -472511               | COIL, RF: 4/26/49<br>choke; 1 pie universal wnd; unshielded; 600 microhenries, DC cur 100 ma, DC resistance 5.5 ohms; 300 turns #32 AWG, E, S, wire; 1" lg x 11/16" diam; phenolic form, powdered iron core; form 3/8" lg x 1/8" OD; mts by #6-32NC-2 tapped hole 3/8" diam in ctr of 1 end; 2 clip term.   |                     |        | 16-C-74209-7869        |                |                |                       | COL | 503-0201 001               |            |                             | AN/FRT-5          |
| -472512               | COIL, RF: 4/26/49<br>choke; 1 pie universal wnd; unshielded; 180 microhenries, DC cur 100 ma, DC resistance 1.5 ohms; 158 turns #30 AWG, E, S, wire; 1" lg x 11/16" diam; phenolic form, powdered iron core; form 3/8" lg x 1/8" OD; mts by #6-32NC-2 tapped hole 3/8" diam in ctr of 1 end; 2 clip term.   |                     |        | 16-C-73926-8935        |                |                |                       | COL | 502 1207 001               |            |                             | AN/FRT-5          |
| -472513               | COIL, RF: 4/26/49<br>choke; single layer wnd; unshielded, inductance 0 to 12 microhenries, DC resistance 0.06 ohms, DC cur 5 amp; 36 turns #18 AWG wire; 3 1/2" lg x 1" diam, excluding shaft; isolantite form, air core; form 3" lg x 1" diam; inductance varied by rotating cont; shaft adj 1 end; mtd by 5/16" lg x 1/8" diam shaft; rotary coil cont on 1 end roller, other end sliding cont.   |                     |        | 16-C-72543-5597        |                |                |                       | COL | 503 9100 002               |            |                             | AN/FRT-5          |
| -472514               | TRANSFORMER, VARIABLE RF: 5/2/49<br>motor control ckt; 2 pie universal wnd; rectangular, metal shield can; pri and secd inductance ea 2.7 millihenries at 150 kc; ea wnd c/o 500 turns #36 AWG, copper S, E, wire; 2 1/2" lg x 1 1/8" wd x 1 1/8" thk excluding term; phenolic form, powdered iron core; adj iron core; scdr adj through top of can; two #4-40 thd mtg studs on opposite corners on 25/32" mtg/c; 6 solder lug term on bottom; incl COL #935 0128 00 and #935 0135 00 Capacitors. |                     |        | 17-T-81749-1011        |                |                |                       | COL | 504 0661 002               | COL        | 504 0661 002                | AN/FRT-5          |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-600

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SHEET 47-601

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472517               | TRANSFORMER, VARIABLE RF: 5/2/49<br>RF transf; 2 pie universal wnd; rectangular, metal shield can; inductance for ea wnd 140 microhenries at 900 kc; ea coil c/o 100 turns #36 AWG, copper, S, E, wire; 2 1/2" lg x 1 1/8" wd x 1 1/8" thk, excluding term; phenolic form, powdered iron core; adj iron core; sodr adj through top of can; two #4-40 thd mtg studs on opposite corners on 25/32" mtg/c; 6 solder lug term on bottom; including COL #916 5097 00 Capacitor. |                     |        | 17-T-81716-1167        |                |                |                       | COL | 504 0657 003               | COL        | 504 0657 003                | AN/FRT-5          |
| -472518               | COIL, RF: 5/2/49<br>HF coil; single layer wnd, one wnd; rectangular, metal shield can; inductance 0.97 microhenries at 20 mc; 12 turns #16 AWG, copper wire; 2 1/2" lg x 1 1/8" wd x 1 1/8" h, excluding term; phenolic form, powdered iron core; adj iron core; sodr adj through top of can; two #4-40 thd mtg studs on opposite corners on 25/32" mtg/c; 2 solder lug term on bottom used, 6 term on bottom.   |                     |        | 16-C-76329-9419        |                |                |                       | COL | 504 0658 003               |            |                             | AN/FRT-5          |
| -472519               | TRANSFORMER, VARIABLE RF: 5/2/49<br>RF transf; single layer wnd; rectangular, metal shield can; inductance 23.4 microhenries at 2 mc; 75 turns #30 AWG, copper, DS, E, wire; 2 1/2" lg x 1 1/8" wd x 1 1/8" thk, excluding term; phenolic form, powdered iron core; adj iron core; sodr adj through top of can; two #4-40 thd mtg studs on opposite corners on 25/32" mtg/c; 6 solder lug term on bottom.  |                     |        | 16-C-76635-4326        |                |                |                       | COL | 504 0659 003               | COL        | 504 0659 003                | AN/FRT-5          |
| -472520               | COIL, RF: 5/5/49<br>choke; 1 wnd, universal wnd; unshielded; 1.8 millihenries, 1000 cyc, 100 ma, 26 ohms DC resistance; 290 turns #36 AWG copper, ES wire; 1" lg x 7/8" OD; less term; phenolic form, air core; form 1" lg x 5/8" OD; #6-32 tapped mtg hole in end; 2 solder lug term; wax impr.   |                     |        | 16-C-74521-8073        |                |                |                       | CHK | K-3250-12                  |            |                             | OS-10/U           |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-601

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SHEET 47-602.

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO. | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A B O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|----------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472521               | COIL, RF: 5/10/49<br>choke; 1 wnd, single layer wnd; unshielded; 2 1/2 turns #23 copper strap; 7/8" lg x 7/16" wd x 17/64" h, o/a; self supporting, air core; eye term ea end w/ 1/8" diam mtg hole in ea, 5/8" c to c; mtg eyes used as term.  |                      |        | 16-C-71677-8575        |                |                |                       | CNA  | L-704-2                    |            |                             | AN/URR-9          |
| -472522               | COIL, RF: 5/10/49<br>choke; 1 wnd, single layer wnd; unshielded; 3 turns #18 AWG tinned copper wire; 1 1/4" lg x 1 1/8" wd x 0.205" h, o/a, coil 1/4" lg x 13/64" OD, less leads; self supporting, air core; term mtd; one 1" lg axial lead 1 end, one 1" lg radial lead other end.   |                      |        | 16-C-71691-6842        |                |                |                       | CNA  | L-867-1                    |            |                             | AN/URR-9          |
| -472523               | COIL, RF: 5/10/49<br>choke; 1 wnd, single layer wnd; unshielded; 8 turns #16 AWG, copper, E, wire; 53/64" lg x 0.366" OD, less leads; bakelite form, air core; form 53/64" lg x 1/4" diam; term mtd; 2 axial wire lead term 3/4" l&S; tropicalized.   |                      |        | 16-C-71944-9472        |                |                |                       | CNA  | SA-2925                    |            |                             | RDZ<br>RDZ-1      |
| -472524               | COIL, RF: 5/23/49<br>for harmonic selector ckt; single winding, universal pie wnd; rectangular aluminum shield can; 989 microhenries to 1211 microhenries tapped; 2 1/4" lg x 1 5/8" wd x 1.415" d less term, mtg studs and adj stud; matl of form not known, powdered iron core slug; adj iron core; solder adj stud top ctr of can; two #6-32 x 3/8" max lg mtg studs 1 5/16" c to c; 6 solder lug term on bottom, 3 used; shield marked w/ Navy Type number, mfr designation letter and RCA part/dwg number, term board marked w/letter "A" to "F" incl; freq range 300 to 550 kc, inductance of tap B to F 233 microhenries, B to D 525 microhenries, nom Q of 200, 1110 microhenries nom inductance, humidity resistant and metal parts corrosion resistant. |                      |        | 16-C-76717-7571        |                |                |                       | CAHC | 738967-24 sub 7            | CRV        | 738967-24 sub 7             | TEG-1             |
|                       |   |                      |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |   |                      |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-602

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SHEET 47-603

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR  | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472525               | COIL, RF: 5/23/49<br>for harmonic selector ckt; single winding universal pie wvd; rectangular aluminum shield can; 343 microhenries to 420 microhenries tapped; 2 1/4" lg x 1 5/8" wd x 1.415" d less term, mtg stud and adj stud; matl of form not known, powdered iron core slug; adj iron core; scdr adj stud top ctr of can; two #6-32 x 3/8" lg max mtg studs 1 5/16" c to c; 6 solder lug term on bottom, 3 used; shield marked w/Navy Type number, mfr designation letter and RCA part/dwg number, term board marked w/letter "A" to "F"; freq range 550 to 950 kc, inductance of tap B to F 54 microhenries to B to D 230 microhenries nom Q of 200, 382 microhenries nom inductance, humidity resistant, metal parts corrosion resistant. |                     |        | 16-C-76683-4907        |                |                |                       | CAEC | 738967-25 sub 7            | CRV        | 738967-25 sub 7             | TEG-1             |
| -472526               | COIL, RF: 5/27/49<br>choke; 1 wvd, single layer wvd; unshielded; 36 turns #26 AWG, copper, E, S, wire; 3/4" lg x 0.226" diam, excluding term; mineral filled bakelite form and core; 3/4" lg x 7/32" diam form; term mtd; 2 axial wire lead term 1 9/16" lg.   |                     |        | 16-C-72536-4385        |                |                |                       | CNA  | 8A-5109                    |            |                             | AN/URR-9          |
| -472527               | COIL, RF: 5/27/49<br>osc; 1 wvd, single layer wvd; unshielded; 10 turns #22 AWG, copper, E, wire tapped at 5 1/2 turns; 1 51/64" lg x 5/8" diam, less term and tuning adj; phenolic form, iron core; adj iron core; scdr adj through top; 1/4"-32 thd x 7/16" lg mtg bushing; 2 silver pl copper strap term, 1 wire lead term; wax impr.   |                     |        | 16-C-76307-2232        |                |                |                       | CNA  | SA5528                     |            |                             | AN/URR-9          |
| -472528               | COIL, RF: 5/27/49<br>tuning; 1 wvd, single layer wvd; unshielded; 5 turns #16 AWG, copper, E, wire CT; 1 51/64" lg x 5/8" diam, less term and tuning adj; phenolic form, iron core; adj iron core; scdr adj through top; 1/4"-32 thd x 7/16" lg mtg bushing; 2 silver pl copper strap, 1 wire lead term; var impr.   |                     |        | 16-C-76234-8570        |                |                |                       | CNA  | SA5529                     |            |                             | AN/URR-9          |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-603

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SHEET 47-604

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O S OCK NO | A S O STOCK NO | SIGNAL COR S STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472529               | COIL, RF: 5/27/49<br>choke; 1 wnd, single layer wnd; unshielded; 39 3/4 turns #22 AWG, E, copper wire; 1 7/8" lg x 27/32" OD; bakelite form, air core; form 1 7/8" lg x 3/4" OD; mts by #6-32 thd screw through ctr; 2 solder lug term.  |                     |        |                        |                |                |                       | CNA  | SA5116                     |            |                             | AN/URR-9          |
| -472530               | COIL, RF: 5/27/49<br>choke; 3 pie, multi layer wnd; unshielded; 50 turns #22 AWG, E, copper wire per pie; 15/16" OD x 1 31/32" lg less term; bakelite form, air core; form 1 31/32" lg x 3/4" OD; adj iron core; scdr adj through top; two #4-40 thd screws on 0.427" diam circle, #6-32 thd through ctr of core; 2 solder lug term. |                     |        |                        |                |                |                       | CNA  | SA5197                     |            |                             | AN/URR-9          |
| -472531               | TRANSFORMER, IF: 5/27/49<br>3.85 mc peak freq; 2nd IF; shielded; 1 1/8" sq x 3" lg less term and tuning adj; powdered iron core; tuned pri and secd; adj iron core; two #4-40 thd x 3/8" lg mtg studs 1 1/8" c to c; 4 solder lug term; incl 2 Navy Type 484995-5 Capacitors.  |                     |        | 17-T-67812-9521        |                |                |                       | CNA  | SA5090                     |            |                             | AN/URR-9          |
| -472532               | TRANSFORMER, IF: 5/27/49<br>18.6 mc peak freq; 2nd IF, sharp; shielded; 1 1/8" sq x 3" lg less term and tuning adj; powdered iron core; tuned pri and secd; adj iron core; two #4-40 thd x 3/8" lg mtg studs 1 1/8" c to c; 4 solder lug term; incl 2 JAN CC32HG101J capacitors.   |                     |        | 17-T-68163-6421        |                |                |                       | CNA  | SA5092                     |            |                             | AN/URR-9          |
| -472533               | TRANSFORMER, IF: 5/27/49<br>18.6 mc peak freq; 1st IF, broad; shielded; 1 1/8" sq x 3" h, less term and tuning adj; powdered iron core; tuned pri and secd; adj iron core; two #4-40 thd x 3/8" lg mtg studs 1 1/8" c to c; 4 solder lug term; incl 2 JAN CC32HG101J capacitors.   |                     |        | 17-T-68163-6421        |                |                |                       | CNA  | SA5093                     |            |                             | AN/URR-9          |
| -472534               | TRANSFORMER, IF: 5/27/49<br>14.75 mc peak freq; conversion oco; shielded; 1 1/8" sq x 3" lg less term and tuning adj; powdered iron core; single tuned; adj iron core; two #4-40 thd x 3/8" lg mtg studs 1 1/8" c to c; 4 solder lug term; incl 2 JAN CM20D271J, 1 JAN CM20D511J capacitors, 1 Navy Type 63360-473 Resistor.         |                     |        | 17-T-68128-7209        |                |                |                       | CNA  | SA5094                     |            |                             | AN/URR-9          |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-604

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SHEET 47-605

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGN | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472535               | TRANSFORMER, IF: 5/27/49<br>18.6 mc peak freq; output; shielded; 1 1/8" sq x 3" lg less term and tuning adj; powdered iron core; single tuned; adj iron core; two #6-32 thd x 3/8" lg mtg studs 1 1/8" c to c; 4 solder lug term; incl 2 Navy Type 485002 and 1 JAN CC32RG101J capacitors, 1 JAN RC21BF682K resistor.  |                     |        | 17-T-68163-6465        |                |                |                       | CNA  | SA-4801                    |            |                             | AN/URR-9          |
| -472536               | TRANSFORMER, IF: 5/27/49<br>3.85 mc peak freq; 3rd IF; shielded; 1 1/8" sq x 3" lg less term and tuning adj; powdered iron core; tuned pri and sec; adj iron core; two #4-40 thd x 3/8" lg mtg studs 1 1/8" c to c; 4 solder lug term; incl 2 Navy Type 484995-5 Mica Capacitors.  |                     |        | 17-T-67812-9521        |                |                |                       | CNA  | SA-5091                    |            |                             | AN/URR-9          |
| -472537               | COIL, RF: 5/27/49<br>tuning; 1 wnd, single layer wnd; unshielded; 1 1/2 turns of 0.010" thk x 1/4" wd silver pl copper strap, CT; 1 51/64" lg x 5/8" OD, less term and tuning adj; phenolic form, brass core; adj brass core; sldr adj through top; 1/4"-32 thd x 7/16" lg bushing; 1 wire lead term, 2 silver pl copper strap term, 3 term total.   |                     |        | 16-C-76194-6114        |                |                |                       | CNA  | SA-5530                    |            |                             | AN/URR-9          |
| -472538               | COIL, RF: 6/8/49<br>RF choke; 4 pies, universal wnd, 385 turns per pie, 2 crosses per turn; unshielded; 15 milli h at 1000 cyc, 12.8 ohms at 25°C, 3.2 ohms per pie, 0.27 amp, DC; 1540 turns #24 formex wire, nylon covered; 5" lg x 2" wd x 1 7/8" h approx, o/s; steatite grade L4 ins for form; 4 1/2" lg x 1/2" OD form; two 0.169" diam mtg holes 4" c to c; ft are term, in the upper portion there are 2 holes for electrical connections. |                     |        | 16-C-75232-8019        |                |                |                       | CG   | M7403863-P2<br>rev 1       |            |                             | AN/SLT-1          |
| -472539               | COIL, RF: 6/8/49<br>coil and resistor type; approx 9/64" diam x 3/8" lg o/a less leads; approx 3 1/2 turns #36 wire, parallel resonant w/4.1 mmf p/m 1 1/2 at 60 mc, comp resistor rated 1 meg p/m 10%, 1/2w, JAN type #RC20BF105E; uncased; term mtd; 2 axial wire leads 1 1/2" lg; marked w/red dot on end, inductance approx 2.11 microhenries, distributed cap 1.5 mmf max, DC resistance of coil 0.5 ohms, min Q of coil 40 at 10 mc.         |                     |        | 16-S-89724-3200        |                |                |                       | GRV  | 451783-1 sub 7             |            |                             | MX-835/<br>TP8-1B |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-605

RESTRICTED

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SHEET 47-606

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION  | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S D STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|---|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| 472540                | COIL, RF: 6/13/49<br>coil and resistor type; approx 9/64" diam x 3/8" lg o/a less term; inductance approx 0.94 microhenries, distributed cap 1.5mmf max, DC resistance of coil 0.086 ohms, approx 24 turns #30AWG wire, resistor rated 1 meg, 1/2w, JAN type #RC20BF105K; uncased; term mtd; 2 axial wire leads 1 1/2" lg; coil resonates w/ 7.75 mmf p/m 1 1/2" cap in parallel at 60 mc, min Q at 10 mc is 40, coil single layer wnd, marked w/blue dot on end. |                     |        | 16-8-89715-1200        |                |                |                       | CRV | M-451783-2<br>sub 7        |            |                             | MX-835/<br>TPS-1B |
| 472541                | COIL, RF: 6/13/49<br>coil and resistor type; 9/64" diam x 3/8" lg o/a less leads; inductance approx 0.74 microhenries, distributed cap 1.5 mmf max, DC resistance 0.079 ohms, approx 22 turns #30 AWG wire, resistor rated 1 meg, 1/2w, JAN type #RC20BF105K; uncased; term mtd; 2 axial wire leads 1 1/2" lg; coil resonates w/ 9.6 mmf p/m 1 1/2" cap in parallel at 60 mc, min Q of coil 40 at 10 mc, coil single layer wnd, marked w/yellow dot on end.       |                     |        | 16-8-89713-7300        |                |                |                       | CRV | M-451783-3<br>sub 7        |            |                             | MX-835/<br>TPS-1B |
| 472542                | COIL, RF: 6/13/49<br>coil and resistor type; approx 9/64" diam x 3/8" lg o/a less leads; inductance approx 0.66 microhenries, distributed cap 1.5 mmf max, coil DC resistance 0.078 ohms, resistor rated 1 meg, 1/2w, JAN type #RC20BF105K; uncased; term mtd; 2 axial wire lead term 1 1/2" lg; coil resonates w/ 10.8 mmf p/m 1 1/2" cap at 60 mc, min Q 40 at 10 mc, coil single layer wnd., marked w/green dot on end.  |                     |        | 16-8-89713-4255        |                |                |                       | CRV | M-451783-4<br>sub 7        |            |                             | MX-835/<br>TPS-1  |
| 472543                | COIL, RF: 6/13/49<br>coil and resistor type; approx 9/64" diam x 3/8" lg, less term; inductance approx 0.61 microhenries, distributed cap 0.2 mmf, approx 21 turns #30 AWG wire, coil DC resistance 0.115 ohms, resistor rated 1 meg, 1/2w, JAN type #RC20BF105K; uncased; term mtd; 2 axial wire leads 1 1/2" lg; coil resonates w/11.3 mmf p/m 1 1/2" in parallel at 60 mc, min Q 40 at 10 mc, coil single layer wnd, marked w/orange dot on end.               |                     |        | 16-8-89713-3230        |                |                |                       | CRV | M-451783-5<br>sub 6        |            |                             | MX-835/TPS<br>-1B |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |   |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
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SHEET 47-606

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900109(A)  
SUPPLEMENT # 1

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SHEET 47-607

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CORTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472544               | COIL, RF: 10/24/49<br>resistor and coil type; approx 1/2" diam x 3/8" lg, less leads; coil rated 9 microhenries, cur rating 500 ma, DC, 1 ohm DC resistance, self-resonant freq 60 p/m 1/2 mc, wnd w/32 turns #36 AWG, S, E, Litz wire, resistor rated 2200 ohms p/m 10%, 1/2w, JAN type RC20BF22K; uncased; term mtd; 2 axial wire leads 1 1/2" lg; coil single pie universal wnd, marked w/red dot on end, wax impr, distributed cap of coil 3.0 mmf max, min Q of wnd at 10 mc is 25. |                     |        | 16-S-89744-3553        |                |                |                       | CRV | B-453899-1 sub 6           |            |                             | MX-835/<br>TPS-1B |
| -472545               | COIL, RF: 6/13/49<br>coil and resistor type; approx 1/2" diam x 3/8" lg, o/a less leads; inductance 9 microhenries, cur rating 500 ma, coil DC resistance 1.0 ohm, distributed cap 3.0 mmf max, approx 32 turns #36 AWG Litz wire, resistor rated 22,000 ohms p/m 10%, 1/2w, JAN type #RC20BF223K; uncased; term mtd; 2 axial wire leads 1 1/2" lg; coil self resonant at 60 mc p/m 1/2 mc, min Q 25 at 10 mc.   |                     |        | 16-S-89744-3683        |                |                |                       | CRV | B-453899-2 sub 6           |            |                             | MX-835/<br>TPS-1B |
| -472546               | COIL, RF: 6/13/49<br>coil and resistor type; approx 3/16" diam x 3/8" lg, o/a less term; inductance approx 9 microhenries, cur rating 500 ma, DC resistance of coil 0.75 ohms, distributed cap 0.78 mmf max, approx 32 turns #36 AWG Litz wire, resistor rated 1 meg, 1/2w, JAN type #RC20BF105K; uncased; term mtd; 2 axial wire leads 1 1/2" lg; coil self resonant at 60 p/m 1/2 mc, single pie universal wnd, min Q at 25 mc, marked with yellow dot on end.                         |                     |        | 16-S-89744-5631        |                |                |                       | CRV | B-453899-3 sub 5           |            |                             | MX-835/<br>TPS-1B |
| -472547               | COIL, RF: 6/13/49<br>coil and resistor type; approx 1/4" diam x 9/16" lg, o/a less leads; inductance approx 1.4 microhenries, cur rating 3.9 amp, DC resistance of coil 0.05 ohm, distributed cap 4.8 mmf max, 21 turns on lower layer, 6 on top layer of #24 AWG wire, resistor rated 1 meg, 1w, JAN type #RC30BF105K; uncased; term mtd; 2 axial wire leads 1 1/2" lg; coil self resonant at 63 p/m 3 mc, min Q 50 at 10 mc, marked w/green dot on end.                                |                     |        | 16-S-89720-4500        |                |                |                       | CRV | B-453899-4 sub 6           |            |                             | MX-835/<br>TPS-1B |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-607

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SHEET 47-608

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472548               | TRANSFORMER, IF: 7/14/49<br>ctr freq 60 mc, band wd approx 4 mc ea side ctr freq; IF output; unshielded; approx 5/8" lg x 13/32" diam, o/a less term, 1" lg x 13/32" wd x 4 1/4" h, incl term; air core; not tuned internally; pri tuned by ext var capacitor 3 to 12 mmf, secd untuned; mts by term; 4 solder lug term; fungus treated, metal parts RSW, marked CRV 472548, oper temp range minus 40°C to plus 65°C; p/o AN Modification Kit, MK-835/TPS-1B, Field Change #10, for u/w Radar Equipment AN/TPS-1B. |                     |        | 17-T-68385-6282        |                |                |                       | CRV  | 454097-1 sub 4             |            |                             | NObar-39330       |
| -472549               | COIL, RF: 6/14/49<br>osc; 2 wtd, single layer wtd, RI wtd; unshielded; wtd #one 27 microhenries, wtd #two 750 microhenries; wtd #one 11 turns, wtd #two 93 turns, ea of #19 AWG copper, E, wire; 11" lg x 4 1/2" diam, less term; textolite form, air core; form 11" lg x 4 1/2" OD; mts by horiz bar to U shaped bkt, two 13/16" lg x 7/16" wd mtg slots one end approx 55 deg apart; 4 screw type term.  |                     |        | 16-c-75866-9858        |                |                |                       | CG   | M-7465297-9                |            |                             | AN/FRT-4          |
| -472550               | COIL, RF: 6/14/49<br>osc; 1 wtd, single bank wtd; unshielded; 0.030295 ohms DC resistance; 88 turns of 0.0355" diam, copper, E, wire; 5 3/4" lg x 4" diam, less term; textolite form, air core; form 5 3/4" lg x 4" OD; mts on shaft; two 13/16" lg x 3/8" wd mtg slots approx 55 deg apart one end; 2 screw type term.  |                     |        |                        |                |                |                       | CG   | M-7465292 3                |            |                             | AN/FRT-4          |
| -472551               | TRANSFORMER, IF: 6/17/49<br>ctr freq 60 mc, band wd approx 3.25 mc ea side ctr freq; IF input; unshielded; approx 1 1/16" lg x 2 1/64" diam, o/a; air core; not tuned internally; pri tuned by ext var capacitor 5 to 50 mmf, secd untuned; mts by term; 4 solder lug term; pri 1 1/2 turns #28 AWG wire, secd 12 1/2 turns #30 AWG wire; fungus treated, metal parts RSW; marked w/CRV-472551, oper temp range minus 40°C to plus 65°C, term marked 1,2,3,4.  |                     |        | 17-T 68379-2047        |                |                | 229643,318            | CRV  | 740761-1 sub 3             |            |                             | AN/TPS-1B         |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900.109(A)  
SUPPLEMENT # 1

SHEET 47-608

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SHEET 47-609

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR     | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|----------|----------------------------|------------|-----------------------------|-------------------|
| -472552               | COIL, RF: 6/17/49<br>choke; layer wnd; single wnd; unshielded; 25 turns #24 AWG wire; 3/4" lg x 7/32" diam, o/a approx; mineral filled molded form bakelite form; 3/4" lg x 3/16" diam form; untuned; mts by two 1 9/16" lg pigtails; 2 wire lead terms.   |                     |        | 16-C-72378-7753        |                |                |                       | CNA      | SA6072                     |            |                             | MK-835/<br>TPS-1B |
| -472553               | RF COIL: 7/13/49<br>filter choke; single wnd, single layer wnd; unshielded; 3 microhenries, resonates w/3 mmf at 7.9 mc w/0.6 amp at 69 mv applied, 0.012 ohm DC resistance; 25 turns #14 AWG triple Formvar wire; 1 3/4" lg x 5/8" ID wnd dimen 3/8" lg lead extension ea end; air wnd; lead mtd; 2 flex wire leads.  |                     |        | 16-C-72919-9153        |                |                |                       | CASX     | A 15221 rev to<br>4/21/49  |            |                             | 211715            |
| -472554               | TRANSFORMER, RF: 7/22/49<br>2 wnd, single layer wnd; unshielded; plate wnd 11 turns #31 AWG "E" wire, grid wnd 8 turns #31 AWG "E" wire; approx o/a dimen 1 1/8" lg x 1/4" wd x 9/16" h exclud g term; phenolic form, solid; 1/4" diam of form, "U" shaped; two #3-48 x 3/16" lg mtg studs molded in 7/8" c to c; 4 radial wire leads; yellow dot marking.   |                     |        | 17-T-82063-4687        |                |                |                       | CW<br>CW | BO-84436-3<br>BO-88874-3   | CW         | BA-92997-7 1ss 3            | MK-25<br>Mod 2    |
| -472555               | TRANSFORMER, RF: 7/22/49<br>2 wnd, single layer wnd; unshielded; plate wnd 16 turns #31 AWG "E" wire, grid wnd 8 turns #31 AWG "E" wire; approx o/a dimen 1 1/8" lg x 1/4" wd x 9/16" h excluding term; phenolic form, solid; 1/4" diam of form, "U" shaped; two #3-48 x 3/16" lg mtg studs molded in 7/8" c to c; 4 radial wire leads; red dot marking.   |                     |        | 17-T-82063-4685        |                |                |                       | CW<br>CW | BO-84436-2<br>BO-88874-2   | CW         | BA-92997-6<br>1ss 3         | MK-25<br>Mod 2    |
| -472556               | RF TRANSFORMER: 7/22/49<br>RF trans; 2 wnd, single layer wnd; unshielded; pri 1.72 microhenry at 30 mc, 0.20 ohms DC resistance, secd 1.05 microhenry at 30 mc, 0.15 ohms DC resistance; plate coil 16 turns wnd counterclockwise, grid coil 12 turns wnd clockwise, ea wnd #31 AWG E wire, inner turns ea wnd close wnd against separator, outer 2 or 3 turns separated; 1 1/8" lg x 1/4" wd w/two 3/4" lg legs "U" shaped; solid molded phenolic form; ea leg has #3-48 thd x 9/64" lg thd stud 7/8" mtg/c; 4 flex wire lead term; 1/8" diam, white dot one end; p/o Navy Type 50AKL IF Amplifier. |                     |        | 17-T-81894-3514        |                |                |                       | CW<br>CW | BO-84436<br>BO-88874       | CW         | BA-92997-5 1ss 2            | MK-25<br>Mod 2    |
|                       |  |                     |        |                        |                |                |                       |          |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |          |                            |            |                             |                   |

SHEET 47-609

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CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

**RESTRICTED**

SHEET 47-610

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFGR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|------|----------------------------|------------|-----------------------------|-------------------|
| -472560               | AF-RF TRANSFORMER: 6/16/49<br>RF transf; unshielded; inductance pri 68 millihenries<br>secd 750 millihenries, distributed cap 135 mmf max,<br>effective pri resistance min at secd resonance<br>30,000 ohms, effective AC resistance at 27 kc<br>referred to secd, pri shorted, 23 ohms, oper freq<br>15 to 45 kc; DC resistance pri 1.25 ohms, secd<br>10.2 ohms; iron core; 5 flex wire lead term; w/pri<br>core and shield gnd 3500v RMS ins test secd to gnd,<br>w/secd core and shield gnd 2500v RMS ins test pri<br>to gnd, impedance ratio 11 to 9.   |                     |        |                        |                |                |                       | CBM  | 336DB alt 1                |            |                             | WFA-1A            |
| -472562               | TRANSFORMER, IF: 7/20/49<br>60 kc peak freq; IF output transf; shielded; max<br>dimen 2 17/32" lg x 1-11/16" wd x 4 1/16" h, o/a<br>incl term and mtg studs, 3 15/32" h less term and<br>mtg studs; untuned; two #8-32 thd x 17/32" lg mtg<br>studs on 1 3/4" mtg/c; 6 color coded wire term;<br>shield between pri and secd, stamped "D-99931" on<br>top; p/o Navy Type 46061A Receiver-Amplifier.  | RR13A553A           |        | 17-T-67446-8398        |                |                |                       | CW   | D-99931                    | CBM<br>CBM | 755-191<br>1000A-45 alt 2   | WDA<br>WDA-1      |
| -472563               | TRANSFORMER, IF: 7/20/49<br>ctr freq 60 kc; IF input; shielded; 3 15/32" h x<br>2 17/32" lg x 1 11/16" wd p/m 1/16", o/a; air core<br>w/electrostatic shield between wnd; untuned; ctr freq<br>obtained by fixed capacitor not incl; two #8-32 thd<br>x 9/16" lg studs on 1 3/4" mtg/c; 6 flex ins wire<br>term 24" lg out of bottom color coded secd term blue-<br>white and green, pri term red, red-white (CT) and<br>blue, electrostatic shield black; pri c/o 22 turns<br>#22 AWG, ES wire CT, secd c/o 730 turns #30 AWG, ES<br>wire, pri 0.3 ohms DC resistance secd 30 ohms DC<br>Type 46262-A Receiver-Amplifier. |                     |        | 17-T-67446-8383        |                |                |                       | CW   | D-166863                   | CBM        | 1000A-69 alt 1              | WFA-1             |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |      |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
SUPPLEMENT # 1

SHEET 47-610

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SHEET 47-611

| NAVY TYPE DESIGNATION | NAME AND DESCRIPTION   | NAVY DWG OR SPEC NO | JAN NO | STANDARD NAVY STOCK NO | E S O STOCK NO | A S O STOCK NO | SIGNAL CORPS STOCK NO | MFR | MANUFACTURER'S PART NUMBER | CONTRACTOR | CONTRACTOR'S DWG OR PART NO | EQUIPMENT USED IN |
|-----------------------|--|---------------------|--------|------------------------|----------------|----------------|-----------------------|-----|----------------------------|------------|-----------------------------|-------------------|
| -472564               | <p>TRANSFORMER, AF: 7/20/49</p> <p>RF output transf; 3 wnd; rectangular copper shield can, gray finish; pri, 100 ohms DC resistance, secd #1 and #2 ea 0.5 ohms DC resistance, max 500 vact at 60 cyc; pri c/o 1000 turns #32 AWG, ES wire, secd #1 and #2 ea c/o 48 turns #22 AWG, ES wire; case 2 5/16" wd x 1 13/16" h x 3 11/16" lg; air core w/electrostatic shield between pri and secd; two #8-32 studs 9/16" lg on bottom of case on 1 3/4" mtg/c; 7 ins wire term 24" lg, min, on bottom color coded, pri, green and green white, secd #1, red and red-white, secd #2, blue and blue-white, electrostatic shield, black; stamped "D-156574" on top of case; freq range, 17.2 to 46 kc; p/o Navy Receiver-Amplifier Navy Type 46262-A.</p> |                     |        | 17-T-81325-5012        |                |                |                       | CW  | D-156574                   | CBM        | 1000 A-68 alt 1             | WFA-1             |
| -472565               | <p>RF TRANSFORMER: 7/22/49</p> <p>osc transf; 4 wnd, pie wnd; shielded, cylindrical ES metal can; 400 kc, DC resistance wnd 1 to 2, 130 ohms, wnd 3 to 4, 0.8 ohm, wnd 4 to 5, 12 ohms;</p> <p>wnd 1 to 2, 1750 turns #3-40 Litz wire<br/>           wnd 3 to 4, 100 turns #21-38 Litz wire<br/>           wnd 4 to 5, 150 turns #3-40 Litz wire<br/>           wnd 6 to 7, 1 turn;</p> <p>3 1/8" lg x 1 7/8" diam body dimen less side term and mtg; three #6-32 thd x 5/8" lg mtg studs 120 deg apart on 37/64" rad; one term located on side at bottom 6 term on top, all solder post, all 11/32" lg; ckt diagram, title, mfr number, and mfr name rubber stamped on bottom.</p>  | JAN-T-27            |        |                        |                |                |                       | CBM | 1050AZ alt 1               |            |                             | WFA-1A            |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |
|                       |  |                     |        |                        |                |                |                       |     |                            |            |                             |                   |

CATALOG OF NAVY TYPE ELECTRONIC MATERIAL

NAVSHIPS 900,109(A)  
 SUPPLEMENT # 1

SHEET 47-611

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