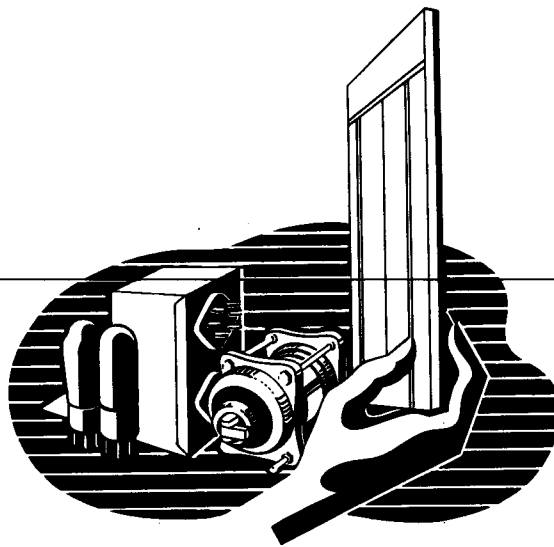


NAVSHIPS 900,719

PARTS AND SPARE PARTS

SECTION 8



M-A-R

RADIO TRANSMITTING AND
RECEIVING EQUIPMENT

RESTRICTED

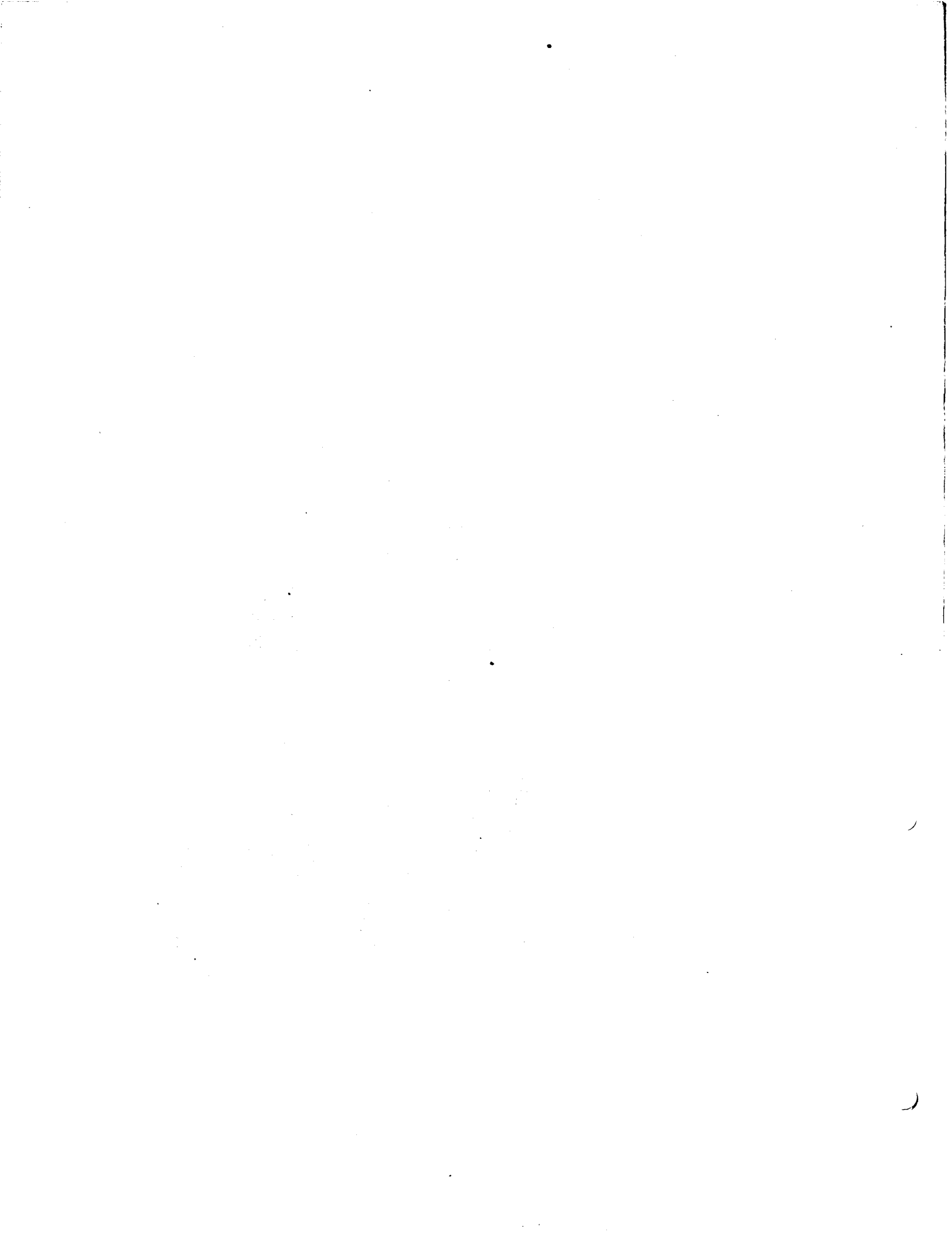


TABLE 8-1
 LIST OF MAJOR UNITS
 MAR RADIO TRANSMITTING AND RECEIVING EQUIPMENT

QUANTITY	NAME OF MAJOR UNIT	NAVY TYPE DESIGNATION	SYMBOL GROUP
1	TRANSMITTER-RECEIVER	CRV-43067	101 - 699
1	MODULATOR-DYNAMOTOR	CRV-50248	701 - 899
1	UNIVERSAL POWER SUPPLY	CLG-20379	901 - 999
1	ANTENNA	CRV-66147	1001 -1099

CONTRACT NXsr-60008

18-38370-U1



TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT															
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. MFR'S DESIG. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	SPARE PARTS						
									TOTAL NO. PER EQUIP.	BOX NO.	EQUIP. TENDER	STOCK	NAVY		
RECEIVER TRANSMITTER CRV-43067 (AS-2C5415)															
A-101	Support assembly: selector drive mechanism, consisting of support, three shafts, two gear assemblies, three gears, four ball bearings, six needle bearings and two retainer rings mounted on bracket, 4.4217" long x 1.406" wide x 1-25/32" thick	Vertical Selector Drive			2Z9057-34	1	719691-501	A-101	1					1	1
A-102	Plate: support, glass bonded mica, 2-23/32" long x 5/164" wide x 1/8" thick, two 0.199" diam. holes, two 0.120" diam. holes, one 0.125" diam. hole, and two 0.0469" diam. holes	Mycalex Tripler Support	JAN I-10		2Z7091-128	1	887503-1	A-102	1					1	2
A-103	Housing assembly: consisting of aluminum housing 12.312" long x 4.087" wide between mounting centers, 3.287" high overall, crystal switch assembly, homing selector switch assembly, limiter switch assembly, six selector switches, gears, gear assemblies, cover assembly, and hardware	Receiver Transmitter			2C747	1	888181-501	A-103	1					1	2
A-104	Support: glass bonded mica, 2-3/4" long x 2-11/32" wide x 1/8" thick, one hole 1.000" diam., two holes 0.250" diam., three holes 0.120" diam. countersunk, three holes 0.199" diam., two holes 0.0469" diam.	Mycalex for P.A. Assembly	JAN I-10		2Z68201/03	1	888944-1	A-104	1					1	2
B-601	Not Used														
B-602	Motor assembly: consisting of motor 115 v d.c. 1/40 hp, 5800 r.p.m., starting current 0.6 amp. max., running current 4 amp. max., series wound reversible, 3.125" long x 2-3/8" diam. shaft end x 1-7/8" diam. other end, three mounting holes #6-32 x 5/16" deep, equally spaced on 1-15/16" diam. centers, shaft 0.2500" diam. extends 0.266", three wire leads black, white and yellow 10" long; gear assembly consisting of stainless steel pinion 0.3740" O.D. x 0.375" long, 48 pitch, 16 teeth, 0.333" pitch diam., 14-1/2" pressure angle, 3/16" face, stainless steel hub 0.562" long x 0.437" O.D. x 0.2501" I.D. for 0.366" x 0.2801" I.D. to end, #6-32 tap two holes 0.063" diam. one side	Motor Selector	-211452A		3H31004-25	1358	429658-501	B-602	1					1	3

1B-38370WVZ1

CONTRACT NXSr-60008

TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIGN.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS			
										BOX NO.	EQUIP. BOX NO.	TENDER BOX NO.	STOCK BOX NO.
RECEIVER TRANSMITTER CRV-43067 (AS-2C5415) (Continued)													
B-602A	Brush: electrical contact, complete with spring 0.260" diam. x 7/8" long overall, marked positive	Positive, for B-602		3H525-180	3H525-180	1358 Dwg. X-2551T	889582-1	B-602A	1	1	1	1	20
B-602B	Brush: electrical contact, complete with spring 0.260" diam. x 7/8" long overall, marked negative	Negative, for B-602		3H525-180	3H525-180	1358 Dwg. X-2551U	889582-2	B-602B	1	1	1	1	20
B-602C	Brush holder assembly: 0.498/0.496 turn diam., complete with lug, tinned for 1/4"	For B-602		3H2507-46	3H2507-46	1358 Dwg. X-2011T	889890-1	B-602C	1	1	1	1	6
B-602D	Bearing: ball, 0.6297" O.D. x 0.15735" I.D. x 0.1944" wide, with six 1/8" diam balls	Commutator End B-602		3HK3100A02-7B4439	3HK3100A02-7B4439	77034	885655-8	B-602D	1	1	1	1	1
B-603	Motor assembly: 13 v a.c. or 12 v d.c., 5000 r.p.m. min. at 13 v a.c. and 7600 r.p.m. min. at 12 v d.c., operating load 0.6 oz. in. at 12 v d.c., 0.4 oz. in. at 13 v a.c., starting current max. 2.0 amp. at 13 v a.c. and 2.5 amp. at 12 v d.c., running current max. 1.0 amp at 13 v a.c. or 12 v d.c., including mounting plate with three holes 0.173" diam., one hole on 15/16" x 15/16" mounting center, one hole 15/16" x 1-3/32" mounting center and one 13/16" x 13/16" mounting center, also equipped with ball bearings, shaft 0.2496" diam x 2-15/16" long x 2-5/8" wide x 2-27/32" high overall	Motor Blower	-211484	3H3000-121	3H3000-121	1172 B-13A 1	433559-1	B-603	1	1	1	1	3
B-603A	Brush: electrical contact, complete with spring, brush 0.154" square spring 17/64" diam. x 23/32" long overall, marked positive	Positive, for B-603		3H525-181	3H525-181	1172 NO B-2700	889583-1	B-603A	1	1	1	1	20
B-603B	Brush: electrical contact, complete with spring, brush 0.154" square spring 11/64" diam. x 23/32" long overall, marked negative	Negative, for B-603		3H525-181	3H525-181	1172 NO B-2701	889583-2	B-603B	1	1	1	1	20
B-603C	Wheel: blower, 1-1/2" diam. x 5/8" thick, shaft diam. 0.2497", two #6-32 cup point socket setscrews in hub	For B-603		3H370-2-10	3H370-2-10	1381 Type 1-1/2	889588-1	B-603C	1	1	1	1	3
C-101	Capacitor: air, variable, dual, two sections each rated 85 mmf max., must withstand 350 v r.m.s. at 60 cycles between opposing plates without breakdown	V-101 Grid Tuning	-482810	3D9085V-5	3D9085V-5	509	433566-1	C-101	1	1	1	1	1

CONTRACT NXSr-60008

TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT																	
PARTS					SPARE PARTS												
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	ANS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR IS DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	BOX NO.	QUAN.	BOX NO.	QUAN.	BOX NO.	QUAN.	BOX NO.	QUAN.
RECEIVER TRANSMITTER CRV-43067 (AS-265415) (Continued)																	
C-102	Capacitor: air, variable, 12 mmf max. capacitance, 2.3 mmf min. capacitance, 7 stator and 7 rotor plates 3/4" diam. x 5/8" wide x 1-1/2" long, must withstand 500 v r.m.s. at 60 cycles between opposing plates without breakdown	V-101 Grid Trimmer	-483888		3D9012V-17	887	433585-2	C-102, 104	2	1	1	2	2	1	2	1	2
C-103	Capacitor: air, variable, dual, two sections each rated 69 mmf max., must withstand 550 v r.m.s. at 60 cycles between opposing plates without breakdown	V-101 Plate Tuning	-482809		3D9069V-1	509	433909-1	C-103	1	1	1	2	1	1	1	1	1
C-104	Same as C-102	V-101 Grid Trimmer	-483888		3D9012V-17			C-104	1								
C-105	Part of Z-100B	V-102 Cathode Tuning						C-105	1								
C-106	Part of Z-100B	V-102 Grid Plate Tuning						C-106	1								
C-107	Part of Z-100C	V-103 Cathode Tuning						C-107	1								
C-108	Part of Z-100C	V-103 Grid Plate Tuning						C-108	1								
C-109	Capacitor: fixed, silver mica, 2400 mmf, 350 v a.c., 500 v d.c. w, 31/64" x 3/4" long	V-101 Cathode Bypass	-482814-10 RE 48A 402		3DA2.400-12	1	887816-1	C-109, 110, 111, 116, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 148, 312, 313, 317, 321, 324, 331, 332, 333, 334, 335, 318, 321, 543, 546, 527, 531, 534, 535, 536, 812	35	1	8	2	23	1	37	1	
C-110	Same as C-109	V-101 Screen Bypass	-482814-10		3DA2.400-12												
C-111	Same as C-109	V-101 Plate Bypass	-482814-10		3DA2.400-12												
C-112	Plate assembly capacitor: consisting of an aluminum plate, brass shaft and support 0.749" long x 1" diam. (Part of Z-100B)	V-102 Grid Plate Trimmer			27091-143	1	888732-501	C-112, 120	2								
C-113	Part of Z-100B	V-102 Plate Blocking						C-113	1								
C-114	Not Used																

† Cannot be ordered separately, but only as part of Z-100B.

CONTRACT NXst-60008

TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

PARTS		RECEIVER TRANSMITTER CRV-43067 (AS-265415) (Continued)										SPARE PARTS						
		SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	ANS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	BOX NO.	QUAN.	EQUIP. TENDER	BOX NO.	QUAN.	STOCK BOX NO.	QUAN.
C-115	(Part of Z-100C)	V-103 Plate Blocking																
C-116	Same as C-109	V-102 Bias Bypass		-482814-10		3DA2.400-12												
C-117	Capacitor: variable, steatite ceramic, min. capacity 0.70 mf max., max. capacity 5.7 mf min., 0.375" square mounting plate, approx. 5/8" long overall, 0.020" screwdriver slot	V-102 Grid Cathode Trimmer		-484195		3D9006V87	207	889559-1	C-115	2	1	2	2	1	2	1	2	
C-118	Same as C-117	V-103 Grid Cathode Trimmer		-484195		3D9006V87			C-119	1								
C-119	(Part of Z-100C)	V-103 Output Cable Grounding																
C-120	Same as C-112	V-103 Grid Plate Trimmer				2Z7091-143			C-120	1								
C-121	Same as C-109 except 2400 mmf ±20%	V-103 Heater Bypass		-482814-10		3DA2.400-12												
C-122	Same as C-109 except 2400 mmf ±20%	V-103 Heater Bypass		-482814-10		3DA2.400-12												
C-123	Same as C-109	V-103 Plate Bypass		-482814-10		3DA2.400-12												
C-124	Same as C-109	V-103 Plate Bypass		-482814-10		3DA2.400-12												
C-125	Same as C-109	V-103 Grid Bypass		-482814-10		3DA2.400-12												
C-126	Same as C-109	V-101 Filament Bypass		-482814-10		3DA2.400-12												
C-127	Same as C-109	V-101 Filament Bypass		-482814-10		3DA2.400-12												
C-128	Same as C-109	Bypass From Tripler Case to Ground System		-482814-10		3DA2.400-12												
C-129	Same as C-109	Bypass From Tripler Case to Ground System		-482814-10		3DA2.400-12												
C-130	Same as C-109	Bypass From Tripler Case to Ground System		-482814-10		3DA2.400-12												
C-201	Capacitor: variable, air, rated less than 2.2 min. mmf and more than 9 max. mmf, one stator, two rotor plates, 1-7/32" diam. x 1-5/32" long x 15/16" wide, must withstand 500 v r.m.s. at 60 cycles between opposing plates without breakdown	Antenna Compensator		-482812		3D9009V-15	1	433576-1	C-201	1	1	1	2	1	1	1	1	

Cannot be ordered separately, but only as part of Z-100C.

CONTRACT NXsr-60008

TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT															
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR IS DESIG	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	SPARE PARTS						
									TOTAL NO. PER EQUIP.	BOX NO.	QUAN.	TENDER	STOCK BOX NO.		
RECEIVER TRANSMITTER CRV-43087 (AS-2C5415) (Continued)															
C-202	Capacitor: variable, air, 10.3 mmf max. capacitance, 2.3 min. capacitance, six stator, six rotor plates 3/4" diam x 1-13/32" long x 5/8" wide	Receiver, Antenna Circuit Trimmer	-483889		3D9010V83-2	887	433585-1	C-202, 206, 210, 214, 218	5	1	3	2	5	1	5
C-203	Capacitor assembly: variable, consisting of one variable capacitor, base material steatite or glass bonded mica, ten sections C-203A to C-203J, max. 6.7 mmf and min. less than 2.5 mmf, each section 500 v r.m.s. test 10-250" long x 4.5" wide x 2" thick, with shaft extension stainless steel 0.312" long x 0.343" diam., including two brass bushings and five coils L-202, 205, 208, 211, 216, mounted on an aluminum chassis and partition assembly	Receiver, R-F Tuning	-482817 JAN 1-10 Grade L3		3D9006V87-1	509	618530-501	C-203	1						
C-203A	Part of C-203	Antenna Tuning						C-203A	1						
C-203B	Part of C-203	Antenna Tuning						C-203B	1						
C-203C	Part of C-203	V-201 Grid Tuning						C-203C	1						
C-203D	Part of C-203	V-201 Grid Tuning						C-203D	1						
C-203E	Part of C-203	V-201 Plate Tuning						C-203E	1						
C-203F	Part of C-203	V-201 Plate Tuning						C-203F	1						
C-203G	Part of C-203	V-202 Grid Tuning						C-203G	1						
C-203H	Part of C-203	V-202 Grid Tuning						C-203H	1						
C-203I	Part of C-203	V-203 Plate Tuning						C-203I	1						
C-203J	Part of C-203	V-203 Plate Tuning						C-203J	1						
C-204	Capacitor: fixed, silver mica, 500 mmf 500, 350 v a.c., 500 v d.c. w, two brass silver-plated terminals, lug type, 29/64" diam. 7/16" long	V-201 Grid Filter	-482813-10 48 A 349		3D9500-143	727 Cat. #830	888508-1	C-204, 223, 227, 228, 229, 512, 530	7	1	2	2	5	1	7
C-205	Capacitor: variable, air, dual, 4.5 to 50 mmf, one section 1-1/8" deep x 15/16" wide x 1-7/32" high, seven stator, seven rotor plates, rotor grounded to mounting lug, must withstand 500 v r.m.s. at 60 cycles between opposing plates, ceramic base, two #4-40 tapped holes on 21/32" mounting centers	Antenna Padder	-482811		3D9050V-60	1	433905-1	C-205, 209, 213, 217, 221	5	1	3	2	5	1	5

CONTRACT NXST-60008

TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

PARTS		RECEIVER TRANSMITTER CRV-43087 (AS-2C5415) (Continued)										SPARE PARTS			
SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AVS. JAN. OR NAVY TYPE DESIGN.	NAVY STOCK NO.	ARMY STOCK NO.	NFR. AND NFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	BOX NO.	EQUIP. QUAN.	TENDER QUAN.	STOCK QUAN.		
C-206	Same as C-202	V-201 Grid Trimmer	-483889		3D9010VE3-2										
C-207	Capacitor: titanium oxide, fixed, 1800 mmf ±20%, 350 V DCW, 1-1/8" long x 5/16" hex., two hook terminals	V-201 Filament Bypass	-482869-20 RE 48A 447		3DA1.800-8	1 High K	887883-3	C-207, 222, 235, 226, 244, 245, 246, 247, 349, 350, 351, 352, 353, 354, 510, 511, 525, 528, 529, 538	20	1	5	2	13		
C-208	Capacitor: titanium oxide, ceramic, insulated, 700 mmf ±20%, 350 V d.c. W, single radial lead 2-1/4" long, 19/32" hex., #2-56 tap for screw 1/4" deep	V-201 Filament Bypass	-482816-20		3D9700-15	1 High K	893972-2	C-208, 224, 231, 232, 233, 234, 235, 236, 237, 239, 240, 241	11	1	3	2	8		
C-209	Same as C-205	V-201 Grid Padder	-482811		3D9050V-60										
C-210	Same as C-202	V-201 Plate Trimmer	-483889		3D9010VE3-2										
C-211	Not Used														
C-212	Not Used														
C-213	Same as C-205	V-201 Plate Padder	-482811		3D9050V-60										
C-214	Same as C-202	V-202 Grid Trimmer	-483889		3D9010VE3-2										
C-215	Not Used														
C-216	Not Used														
C-217	Same as C-205	V-202 Grid Padder	-482811		3D9050V-60										
C-218	Same as C-202	V-203 Plate Trimmer	-483889		3D9010VE3-2										
C-219	Not Used														
C-220	Not Used														
C-221	Same as C-205	V-203 Plate Padder	-482811		3D9050V-60										
C-222	Same as C-207	V-201 AVC Filter	-482869-20		3DA1.800-8										
C-223	Same as C-204	V-203 Plate Bypass	-482813-10		3D9500-143										
C-224	Same as C-208	V-201 Screen Bypass	-482816-20		3D9700-15										
C-225	Same as C-207	V-201 Plate Supply	-482869-20		3DA1.800-8										
C-226	Same as C-207	V-201 Plate Supply	-482869-20		3DA1.800-8										

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT																					
SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AVS. JAN. OR NAVY TYPE DESIGN.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS											
										EQUIP.	TENDER	STOCK	BOX NO.	QUAN.	BOX NO.	QUAN.	BOX NO.	QUAN.			
RECEIVER TRANSMITTER CRV-43067 (AS-208415) (Continued)																					
C-227	Same as C-204	V-202 Grid Filter	-482813-10		3D9500-143																
C-228	Same as C-204	V-202 Screen Bypass	-482813-10		3D9500-143																
C-229	Same as C-204	V-203 Plate Bypass	-482813-10		3D9500-143																
C-230	Not Used																				
C-231	Same as C-208	V-201 Cathode Bypass	-482816-20		3D9700-15																
C-232	Same as C-208	V-201 Heater Bypass	-482816-20		3D9700-15																
C-233	Same as C-208	V-201 Cathode Bypass	-482816-20		3D9700-15																
C-234	Same as C-208	V-202 Cathode Bypass	-482816-20		3D9700-15																
C-235	Same as C-208	V-202 Heater Bypass	-482816-20		3D9700-15																
C-236	Same as C-208	V-202 Cathode Bypass	-482816-20		3D9700-15																
C-237	Same as C-208	V-201 Cathode Bypass	-482816-20		3D9700-15																
C-238	Capacitor: fixed, ceramic, 11.3 mfd to 1 mfd, temp. coeff. 0°C. to 0.000060 or -0.000110 deg., rated 500 v d.c.w., 0.562" max. lg x 0.250" max diam, two axial wire leads 1-1/2" lg	Coupling from Multiplier to R-F Tripler	-483890-1		3D901A3	207 Style X	981039-2	C-237 C-238	1 1	1 1	1 1	2 3	1 1	5 5							
C-239	Same as C-208	V-203 Cathode Bypass	-482816-20		3D9700-15																
C-240	Same as C-208	V-203 Heater Bypass	-482816-20		3D9700-15																
C-241	Same as C-208	V-203 Heater Bypass	-482816-20		3D9700-15																
C-242	Not Used																				
C-243	Not Used																				
C-244	Same as C-207	R-F Filament Bypass	-482869-20		3DA1.800-8																
C-245	Same as C-207	R-F Filament Bypass	-482869-20		3DA1.800-8																
C-246	Same as C-207	R-F Filament Bypass	-482869-20		3DA1.800-8																
C-247	Same as C-207	V-203 Grid Return	-482869-20		3DA1.800-8																
C-248	Same as C-109	V-203 Grid Filter	-482814-10		3DA2.400-12																

CONTRACT NXSr-60008

TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

PARTS		SPARE PARTS													
SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AVS. JAN. OR NAVY TYPE DESIGN.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	BOX NO.	QUAN.	EQUIP. TENDER	BOX NO.	QUAN.	STOCK
RECEIVER TRANSMITTER CRV-48067 (AS-265415) (Continued)															
C-301	Capacitor: fixed, uninsulated, composition 47 muf 23-1/2", 500 v d.c. w. 0.460" long x 0.240" diam., two radial wire leads	Z-301 Primary Tuning	-483936-2# JAN C-20		3D9047-19	1	426660-1	C-301,302,303, 304,305,306, 307,308,309, 310	10	1	2		2	6	1
C-302	Same as C-301	Z-301 Secondary Tuning	-483936-2#		3D9047-19										
C-303	Same as C-301	Z-302 Primary Tuning	-483936-2#		3D9047-19										
C-304	Same as C-301	Z-302 Secondary Tuning	-483936-2#		3D9047-19										
C-305	Same as C-301	Z-303 Primary Tuning	-483936-2#		3D9047-19										
C-306	Same as C-301	Z-303 Secondary Tuning	-483936-2#		3D9047-19										
C-307	Same as C-301	Z-304 Primary Tuning	-483936-2#		3D9047-19										
C-308	Same as C-301	Z-304 Secondary Tuning	-483936-2#		3D9047-19										
C-309	Same as C-301	Z-305 Primary Tuning	-483936-2#		3D9047-19										
C-310	Same as C-301	Z-305 Secondary Tuning	-483936-2#		3D9047-19										
C-311	Capacitor: fixed, ceramic, 1800 muf 2x2", insulated, operating voltage 350 v d.c., 13/16" long x 1/4" diam., two axial wire leads 1-1/2" long	For V-301 Grid Bypass	-482815-20		3DA1.800-11	1	888556-1	C-311,314,315, 316,318,319, 320,322,323, 325,326,330, 336,338,339, 401,515,540	18	1	4		2	11	1
C-312	Same as C-109	Z-301 Plate Bypass	-482814-10		3DA2.400-12										
C-313	Same as C-109	V-301 Cathode Bypass	-482814-10		3DA2.400-12										
C-314	Same as C-311	V-301 Screen Bypass	-482815-20		3DA1.800-11										
C-315	Same as C-311	V-301 Plate Bypass	-482815-20		3DA1.800-11										
C-316	Same as C-311	V-302 Grid Bypass	-482815-20		3DA1.800-11										
C-317	Same as C-109	V-302 Cathode Bypass	-482814-10		3DA2.400-12										
C-318	Same as C-311	V-302 Screen Bypass	-482815-20		3DA1.800-11										
C-319	Same as C-311	V-303 Grid Bypass	-482815-20		3DA1.800-11										
C-320	Same as C-311	V-302 Plate Bypass	-482815-20		3DA1.800-11										
C-321	Same as C-109	V-303 Cathode Bypass	-482814-10		3DA2.400-12										
C-322	Same as C-311	V-303 Screen Bypass	-482815-20		3DA1.800-11										

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**TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT**

PARTS		SPARE PARTS											
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	EQUIP. TENDER STOCK			
										BOX NO.	QUAN.	BOX NO.	QUAN.
RECEIVER TRANSMITTER CRV-43067 (AS-265415) (Continued)													
C-323	Same as C-311	V-303 Plate Bypass	-482815-20		3DA1.800-11								
C-324	Same as C-109	V-304 Cathode Bypass	-482814-10		3DA2.400-12								
C-325	Same as C-311	V-304 Screen Bypass	-482815-20		3DA1.800-11								
C-326	Same as C-311	V-304 Plate Bypass	-482815-20		4DA1.800-11								
C-327	Capacitor: fixed, ceramic, 47 mmf 110%, 500 v d.c. w, 0.562" long x 0.250" diam two axial wire leads 1-1/4" long	V-305 AVC Coupling	JAN C021UJ 470K JAN C-20	3D9047-5	722	722408-426	C-327		1	1	1	1	
C-328	Capacitor: titanium oxide, 500 mmf 120%, insulated thru capacitor, brass bushing 5/16" dia. #12-28 thread 1-1/8" long, two axial wire leads with 1/8" hook at each end	V-305 Plate Return	-482817-20 RE 48A 447-1	3D9500-179	1 High K	887883-1	C-328		1	1	1	1	
C-329	Capacitor: fixed, paper, tubular, 0.020 mf 430% 20%, 600 v d.c. w, 1-1/2" long x 7/16" diam., metal case, mineral oil impregnated, two axial wire leads 2-1/4" long	AVC Time-constant V-305	-482625-20 RE 48A 163	3DA20-74	590 PK24A	95618-37	C-329, 337, 706, 726		4	1	2	5	
C-330	Same as C-311	I-F Plate Supply Bypass	-482815-20		3DA1.800-11								
C-331	Same as C-109	V-301 Filter Bypass	-482814-10		3DA2.400-12								
C-332	Same as C-109	V-302 Filter Bypass	-482814-10		3DA2.400-12								
C-333	Same as C-109	V-303 Filter Bypass	-482814-10		3FA2.400-12								
C-334	Same as C-109	V-304 Filter Bypass	-482814-10		3DA2.400-12								
C-335	Same as C-109	V-305 Filter Bypass	-482814-10		4DA2.400-12								
C-336	Same as C-311	V-305 Cathode Bypass	-482815-20		3DA1.800-11								
C-337	Same as C-329	V-305 Cathode Time-constant	-482625-20		3DA20-74								
C-338	Same as C-311	I-F Plate Supply Bypass	-482815-20		3DA1.800-11								
C-339	Same as C-311	V-304 Plate Bypass	-482815-20		3DA1.800-11								
C-340 to 348	Not Used												
C-349	Same as C-207	Filament Feed-through Bypass	-482869-20		3DA1.800-8								

TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DNG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS											
										EQUIP.	TENDER	STOCK	QUAN.	BOX NO.	QUAN.	BOX NO.	QUAN.	BOX NO.			
RECEIVER TRANSMITTER CRV-43067 (AS-205416) (Continued)																					
C-350	Same as C-207	Plate Supply Feed-through Bypass	-482869-20		3DA1.800-8																
C-351	Same as C-207	AVC Feed-through	-482869-20		3DA1.800-8																
C-352	Same as C-207	Detector Cathode Bypass	-482869-20		3DA1.800-8																
C-353	Same as C-207	Capacitor Plate Supply Feed-through Bypass	-482869-20		3DA1.800-8																
C-354	Same as C-207	Screen Supply Feed-through Bypass	-482869-20		3DA1.800-8																
C-401	Same as C-311	V-401 Cathode Bypass	-482815-20																		
C-402	Capacitor: fixed, paper, 0.010 mf +10% -20%, 400 v d.c. w, metal case, pyranol oil filled 1" long x 7/16" diam one axial wire lead 1-1/2" long and one terminal soldered at right angles to side; for replacement use Navy Type -482868	V-401 Filter	-482808-20 RE 48A 440		3DA10-358	207	889572-1	C-402, 406	2	1	2	3	1	5							
C-403	Not Used																				
C-404	Capacitor: fixed, mica, 10,000 mmf +10%, 500 v d.c. w, 1-1/32" long max. x 41/64" wide max. x 11/32" diam. max., two axial leads each 1-3/8" long	V-401 Output Coupling	JAN CM40B-203K JAN C-5		3K4010321	722	722035-563	C-404, 411, 415, 417	4	1	2	3	1	4							
C-405	Capacitor: fixed, molded mica, 1000 mmf +10%, 500 v d.c. w, 53/64" square x 9/32" thick, two axial leads 1-1/8" long	V-401 Output Shunt	JAN CM40B-102K JAN C-5		3K3010221	793 Type CM30	722017-559	C-405	1	1	2	1	1	1							
C-406	Same as C-402	V-402 Grid Squelch	-482808-20		3DA10-358																
C-407	Capacitor: fixed, oil filled, 1.0 mf +10% -3%, 400 v d.c. w, sealed in metal can 2-3/4" high x 1-11/32" long x 23/32" deep overall	V-402 Cathode Bypass	-48595A RE 13A 488		3DB1.52	1 720553-508	720555-a	C-407, 409, 410, 414	4	1	2	6	1	10							
C-408	Capacitor: paper, oil filled, 0.250 mf +10% -3%, 400 v d.c. w, 1-7/8" high x 1-11/32" long x 23/32" wide	V-202 Plate Squelch	-481176 RE 13A 488		3DA25-30	1 720553-511	720555-1	C-408	1	1	2	2	1	3							
C-409	Same as C-407	V-402 Plate Bypass	-48595A		3DB1.52																
C-410	Same as C-407	Bleeder Bypass	-48595A		3DB1.52																
C-411	Same as C-404	V-402 Output Coupling	JAN CM40B-203K		3K4010321																

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**TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT**

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS JAN OR NAVY TYPE DESIGN.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS			
										BOX NO.	QUAN.	EQUIP. TENDER	STOCK
RECEIVER TRANSMITTER CRV-43087 (AS-2C5#15) (Continued)													
C-412	Capacitor: fixed, molded, mica, 1500 mmf ±10%, 500 v d.c. w., 53/64" sq. x 9/32" thk. with 2 axial wire leads 1-1/8" lg.	Plate Bypass V-401	JAN CH30B-152M JAN C-5	3K3015224	714	722017-513	C-412	1	1	1	1	1	
C-413	Capacitor: fixed, molded mica, 1500 mmf ±10%, 500 v d.c. w., 53/64" square x 9/32" thick, two axial leads 1-1/8" long	V-403 Grid Shunt	JAN CH30B-152K JAN C-5	3K3015221	721	722017-563	C-413	1	1	2	1	1	
C-414	Same as C-407	V-403 Cathode Bypass	-48595A	3DB1.52									
C-415	Same as C-404	V-401 Output Coupling	JAN CH40B-103K	3K4010321									
C-416	Capacitor: fixed, molded mica, 1800 mmf ±10%, 500 v d.c. w., 53/64" square x 9/32" thick, two axial leads 1-1/8" long	V-403 Sidetone	JAN CH30B-182K JAN C-5	3K3018221	1	722017-565	C-416	1	1	2	1	1	
C-417	Same as C-404	Squelch Control Shunt	JAN CH40B-103K	3K4010321									
C-418	Capacitor: fixed, 25 mf, 25 v d.c. w., 2-19/32" long x 1" diam., two lug terminals	Voltmeter Cathode	-483976	3DB25-78	714 LS BP	895054-4	C-418	1	1	2	1	1	
C-501	Capacitor: variable, trimmer, ceramic, rounded at one end, 7/8" long x 11/16" wide x 3/8" high overall, rated 1.5 to 7.0 mmf (part of C-505)	Variable Trimmer				719687-1	C-501, 502, 504	3					
C-502	Same as C-501 (part of C-505)	Variable Trimmer											
C-503	Same as C-501 except rated 3 to 12 mmf (part of C-505)	Variable Trimmer											
C-504	Same as C-501 (part of C-505)	Variable Trimmer											
C-505	Capacitor assembly: variable, air, dielectric, consisting of four sections A, B, C, D; four ceramic trimmers: C-501, 502, 503, 504; and three copper straps silver-plated, mounted on steatite bonded mica base plate, three #8-32 tapped mounting holes on 0.937" x 6.92" mounting center 10-1/4" long x 2-3/8" wide x 2" high, approx. overall, including shaft 1/2" long x 0.250" diam.	Multiplier Tuning	-483891	3D9072VB75	1	719687-1	C-505	1	1	2	1	1	

TABLE 9-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS			
										BOX NO.	QUAN.	BOX NO.	TENDER STOCK
RECEIVER TRANSMITTER CRV-43087 (AS-2C541B) (Continued)													
C-505A	Capacitor: variable, air dielectric, consisting of six stator and seven rotor plates, silver plated, rated capacity including trimmer 6.4 to 1 mmf to 45.30 mmf (Part of C-505)	V-501 Plate Tuning				1	719687-1	C-505A	1				
C-505B	Capacitor: variable, air dielectric, consisting of nine stator and ten rotor plates, silver plated, rated capacity including trimmer 7.8 to 2 mmf to 67.95 mmf (Part of C-505)	V-502 Plate Tuning				1	719687-1	C-505B					
C-505C	Same as C-505B except rated capacity 6.4 to 1 mmf to 67.95 mmf (Part of C-505)	V-503 Plate Tuning											
C-505D	Same as C-505B except rated capacity 5.8 to 1 mmf to 67.95 mmf (Part of C-505)	V-504 Plate Tuning											
C-506	Capacitor: variable, ceramic dielectric, 7 mmf min. to 45 mmf max. temp. coef. -500 mmf/mm ² /°C. x 10 ⁻⁶ . 55/64" long x 41/64" wide x 3/8" high, two radial lug terminals	V-502a Plate Pad Trimmer	-481623		3D9045V-14	207 TS-2A	868903-3	C-506	1	1	2	1	1
C-507	Not Used												
C-508	Not Used												
C-509	Capacitor: fixed, silver mica, 2400 mmf ±5%, 500 v d.c. w, 3/4" long including terminal x 31/64" diam.	V-501 Plate Pad	-482814-5		3DA1.400-14	727 Cat. #832	887816-2	C-509	1	1	2	1	1
C-510	Same as C-207	Capacitor Plate Supply Feed-through Bypass	-482869-20		3DA1.800-8								
C-511	Same as C-207	Capacitor Bias Supply Feed-through Bypass	-482869-20		3DA1.800-8								
C-512	Same as C-204	V-501 Grid Bypass	-482813-10		3D9500-143								
C-513	Capacitor: ceramic, 8 mmf ±0.5 mmf, 500 v d.c. w, temp. coef 30 mmf/mm ² /°C. 160-105 mmf/mm ² /°C, 0.502" long max x 0.250" diam max, two axial #22 AWG wire leads 1-1/4" long	V-501 Grid Coupling	JAN C2a1BR-080D JAN C-20		3D9008-25	207	722407-11	C-513	1	1	2	1	1
C-514	Capacitor: fixed, silver mica, 280 mmf ±2-1/2%, 500 v d.c. w, 29/64" diam. x 11/32" long, 9/32" long lug terminal one end and #4-40 tap x 1/8" deep hole other end	V-502a Plate Pad	-483892-24		3D9a80-2	727 Cat. #830	888508-3	C-514	1	1	2	1	1
C-515	Same as C-311	V-502 Grid Bypass	-482815-20		3DA1.800-11								

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT														
SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS JAN OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	SPARE PARTS					
									TOTAL NO. PER EQUIP.	BOX NO.	EQUIP. TENDER	STOCK	ON HAND	
RECEIVER TRANSMITTER CRV-49087 (AS-2C5415) (Continued)														
C-516	Capacitor: fixed, ceramic, dielectric, 91 mmf 210 \pm , 500 v d.c. w, uninsulated, two wire terminals	V-502 Grid Coupling	JAN CC307J-910K JAN C-20	3D9091-6	3D9091-6	321	722423-383	C-516, 539	2	1	1	2	1	2
C-517	Capacitor: fixed, silver mica, 720 mmf 22-1/2 \pm , 500 v d.c. w, 15/32" long x 31/64" diam., 9/32" long lug terminal one end and #4-40 tap hole x 1/8" deep in 7/32" diam. hub other end	V-503 Plate Pad	-483893-24 JAN 71-2202	3D9720-2	3D9720-2	727 Cat. #834	894398-1	C-517	1	1	2	1	1	1
C-518	Same as C-109	V-503 Grid Bypass	-482814-10	3DA2.400-12	3DA2.400-12	722	722408-63	C-519	1	1	2	1	1	1
C-519	Capacitor: fixed, ceramic 10 mmf 21 mmf, temp coef. 0.66 parts/million/°C., 500 v d.c. w, 0.562" max long x 0.250" max diam, two axial wire leads 1-1/4" long	V-503 Grid Coupling	JAN CC21-CH100P JAN C-20	3D9010-84	3D9010-84	727 Cat. #834	894398-2	C-520	1	1	2	1	1	1
C-520	Capacitor: fixed, silver mica, 850 mmf 22-1/2 \pm , 500 v d.c. w, 15/32" long x 31/64" diam., 9/32" long lug terminal one end and #4-40 tap hole x 1/8" deep in 7/32" diam. hub other end	V-504 Plate Pad	-483894-24 JAN 71-2202	3D9850-3	3D9850-3	203 603M 207 MSK12 710 OSDW 721 PO 793 SRS 1469 714	#720538-38	C-522	1	1	2	1	1	1
C-521	Same as C-109	V-504 Cathode Bypass	-482814-10	3DA2.400-12	3DA2.400-12	203	#722004-56	C-524	1	1	2	1	1	1
C-522	Capacitor: mica, 120 mmf 25 \pm , 500 v d.c. w, 13/64" thick, 5/8" wide, 1" long, two axial wire leads 3/8" long, temp coef. 20.01 for 1°C.	V-505 Output Coupling	R8484154	3K2A12132	3K2A12132	203	#720538-38	C-522	1	1	2	1	1	1
C-523	Capacitor: mica, 120 mmf 25 \pm , 500 v d.c. w, 51/64" long x 15/32" wide x 7/32" thick, two axial wire leads 1-1/8" long temp. range-55°C. to +85°C.	V-505 Output Coupling	JAN CN20C-121J	3K2A12132	3K2A12132	203	#720538-38	C-522	1	1	2	1	1	1
C-524	Same as C-109	V-505 Plate Bypass	-482814-10	3DA2.400-12	3DA2.400-12	727	722421-24	C-524	1	1	2	1	1	1
C-525	Capacitor: fixed, ceramic, uninsulated, dielectric, 39 mmf 22 \pm , 500 v d.c. w, 0.240" diam. max. x 0.460" long max., two radial leads 1-1/4" long	V-505 Plate Tuning	JAN CC30BH-390G JAN C-20	3D9039-11	3D9039-11	727	722421-24	C-524	1	1	2	1	1	1
C-526	Same as C-207	Capacitor Plate Supply Feed-through Bypass	-482869-20	3DA1.800-8	3DA1.800-8	727	722421-24	C-524	1	1	2	1	1	1
C-527	Same as C-109	V-505 Cathode Bypass	-482814-10	3DA2.400-12	3DA2.400-12	727	722421-24	C-524	1	1	2	1	1	1
C-528	Same as C-109	V-502 Heater Bypass	-482814-10	3DA2.400-12	3DA2.400-12	727	722421-24	C-524	1	1	2	1	1	1
C-529	Same as C-207	12.6 V Heater Supply Line Bypass	-482869-20	3DA1.800-8	3DA1.800-8	727	722421-24	C-524	1	1	2	1	1	1

* Either 720538-38 or 722004-56 may be supplied.

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TABLE B-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

PARTS

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AVS. JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S ENG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	SPARE PARTS				
									TOTAL NO. PER EQUIP.	BOX NO.	QUAN.	BOX NO.	
RECEIVER TRANSMITTER CRV-43087 (AS-2C5415) (Continued)													
C-529	Same as C-207	6.3 V Heater Supply Line Bypass	-482869-20		3DA1.800-8								
C-530	Same as C-204	V-504 Heater Bypass	-482813-10		3D9500-143								
C-531	Same as C-109	V-503 Heater Bypass	-482814-10		3DA2.400-12								
C-532	Capacitor: fixed, oil impregnated 0.1 mf 20%, 300 v d.c. w. molded case 1-7/16" long x 3/8" thick x 3/4" wide, axial leads 1-1/4" long	Thermostat Bypass	-481027-20 C75/221		3DA100-612	721	97670-10	C-532, 533	2	1	2	1	3
C-533	Same as C-532	Thermostat Bypass	-481027-20		3DA100-612								
C-534	Same as C-109	V-502 Plate Filter	-482814-10		3DA2.400-12								
C-535	Same as C-109	V-503 Plate Filter	-482814-10		3DA2.400-12								
C-536	Same as C-109	V-504 Heater Bypass	-482814-10		3DA2.400-12								
C-537	Capacitor: fixed, mica, 100 mf 15%, 500 v d.c. w. 51/64" long max. x 15/32" wide max. x 7/32" thick max., two axial wire leads 1-1/8" long	V-504 Screen Shunt	JAN CMA0C-101J JAN C-5		3Ka010132	1	722004-523	C-537	1	1	2	1	1
C-538	Same as C-207	V-505 Cathode Return Bypass	-482869-20		3DA1.800-8								
C-539	Same as C-516	V-502 Grid Coupling	JAN CC30TJ-910K		3D9091-6								
C-540	Same as C-311	V-505 Filament Bypass	-482815-20		2Z5816-25	1	872497-501	E-101, 203, 401, 403, 404	5				
E-101	Knob assembly: aluminum, for 0.234" diam. shaft, two hex. socket type setscrews, #8-32 threads, 3/4" diam. x 1-3/32" high x 1-1/8" deep overall, shaft hole 21/32" diam., six indents equally spaced 45° apart	Control S-101											
E-101A	Knob: aluminum, 1-5/16" long x 3/4" wide x 25/32" high overall, shaft hole 5/8" diam. for 11/32" 0.251" diam. for 5/16", two setscrew holes #8-32 taps	Control S-101			2Z5821-76	179	888558-2	E-101A, 203A, 401A, 403A, 404A	5			2	1
E-102	Insulator: mica, 0.003" thick, 2.265" O.D. x 1.125" deep, four 0.128" diam. holes equally spaced on 1.625" diam.	Disc Flange Tripler Assembly			361560-36	1	887217-1	E-102, 103	2	1	2	1	4
E-103	Same as E-102	Disc Flange P.A. Assembly			361560-36								
E-104	Insulator: mica, 1/64" thick, 3/8" O.D. x 0.156" I.D.	P.A. Coupling Loop			361500-6	1	887581-1	E-104	1	1	1	2	2

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TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIGN.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS			
										EQUIP. BOX NO.	TENDER BOX NO.	STOCK BOX NO.	STOCK BOX NO.
RECEIVER TRANSMITTER CRV-43087 (AS-205415) (Continued)													
E-105	Insulator: bushing, bakelite BM-262 natural, 0.375" diam. of shoulder, 0.275" diam. of body, 0.437" long overall with 0.156" I.D.	P.A. Coupling Loop			301300-6.2	1	887587-1	E-105	1	1	1	2	4
E-106	Terminal strip, black molded bakelite, 7-3/8" long x 7/8" wide x 13/32" thick, 18 terminals, 14 with links and screws, four blanks	Terminal Board for Receiver Transmitter			229418.57	334 Cat. #18-140	888968-1	E-106	1	1	1	2	1
E-107 to 110	Not Used												
E-110A	Knob assembly: round, consisting of one aluminum knob, one aluminum gear and dial 100 to 0, 1.916" O.D. x 0.5775" thick overall, six holes tapped #4-40 thread equally spaced on 1.250" diam. mounting centers	1st I.P.A. Tuning Knob			225816.27	1	889211-501	E-110A, 112A, 113A, 509A	4	1	1	2	1
E-110B	Gear: dial, aluminum, 1.916" O.D. x 0.140" thick overall, 48 pitch, 1.875" pitch diam., 90 teeth, 14-1/2° pressure angle, six holes tapped #4-40 thread equally spaced on 1.250" diam. mounting centers	1st I.P.A. Tuning			224875-148	1	433991-1	E-110B, 111B, 112B, 113B, 208B, 509B	6	1	1	2	1
E-110C	Knob: round, aluminum, 1" O.D. x 7/16" thick, 0.805" I.D. x 3/8" thick with neck 0.450" diam. x 3/64" thick and hub 1/2"-32 Class 2 thread x 3/32" thick	1st I.P.A. Tuning			225822-139	1	439127-2	E-110C, 111C, 112C, 113C, 208C, 509C	6	1	1	2	1
E-110D	Bearing: ball, single row, steel, grease packed, 0.3125" bore x 0.8125" O.D. x 0.297" wide overall	1st I.P.A. Tuning Switch			34320-57	211 NO KSA	878272-4	E-110D, 111D, 112D, 113D, 208D, 509D	6	1	1	2	1
E-110E	Disk assembly: clutch, consisting of one disk plate, one stainless steel plate, three chrome steel balls, three phosphor bronze springs, one stainless steel ring assembly, one brass gear, worm, and one C.R. steel coupling 1.7379" pitch diam. x 0.343" thick overall, less rivet and pin on ring assembly	1st I.P.A. Tuning Switch			223806.19	1	719604-501	E-110E, 111E, 112E, 113E, 208E, 509E	6	1	1	2	1
E-110F	Bearing: ball, single row, extra small, steel, 0.1875" bore, 0.500" O.D. x 0.156" wide overall	1st I.P.A. Tuning Switch			3HK230-7	211 NO 33-5	855083-8	E-110F, 111F, 112F, 113F, 208F, 509F, 0-123, 1003	8	1	1	2	1

TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS					
										BOX NO.	QUAN.	BOX NO.	QUAN.	BOX NO.	QUAN.
RECEIVER TRANSMITTER CRV-43067 (AS-2C5415) (Continued)															
E-111A	Knob assembly: round, consisting of one aluminum knob, one aluminum gear and dial 0 to 100, 1.016" O.D. x 0.5775" thick overall, six tapped holes #4-40 thread, equally spaced on 1.250" diam. mounting centers	and I.P.A. Tuning			2Z5816.26	1	889211-502	E-111A, 208A	2						
E-111B	Same as E-110B	and I.P.A. Tuning			2Z4875-148										
E-111C	Same as E-110C	and I.P.A. Tuning			2Z5822-139										
E-111D	Same as E-110D	and I.P.A. Tuning Switch			3H320-57										
E-111E	Same as E-110E	and I.P.A. Tuning Switch			2Z3806.19										
E-111F	Same as E-110F	and I.P.A. Tuning Switch			3HK230-7										
E-112A	Same as E-110A	P.A. Tuning			2Z5816.27										
E-112B	Same as E-110B	P.A. Tuning			2Z4875-148										
E-112C	Same as E-110C	P.A. Tuning			2Z5822-139										
E-112D	Same as E-110D	P.A. Tuning Switch			3H320-57										
E-112E	Same as E-110E	P.A. Tuning Switch			2Z3806.19										
E-112F	Same as E-110F	P.A. Tuning Switch			3HK230-7										
E-113A	Same as E-110A	Antenna Coupling Tuning			2Z5816.27										
E-113B	Same as E-110B	Antenna Coupling			2Z4875-148										
E-113C	Same as E-110C	Antenna Coupling Tuning			2Z5822-139										
E-113D	Same as E-110D	Antenna Coupling Tuning			3H320-57										
E-113E	Same as E-110E	Antenna Coupling Tuning Switch			2Z3806.19										
E-113F	Same as E-110F	Antenna Coupling Tuning Switch			3HK230-7										
E-114	Not Used														
E-115	Insulator: disk, fish paper, 1-3/8" diam. x 0.015" thick, center hole 0.390" diam.	Relay Coil K-101			3G1779-22	1	888179-1	E-115	1						

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**TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT**

PARTS		SPARE PARTS													
SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AVS. JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	BOX NO.	QUANTITY	ON HAND	ON ORDER	ON STOCK	INVENTORY
RECEIVER TRANSMITTER CRV-49067 (AS-2C5415) (Continued)															
E-116	Insulator: fish paper, 0.015" thick x 1-3/8" diam., 0.390" diam. hole in center, two holes 0.125" diam. mounting centers 17/32" x 3/8"	Relay Coil E-101			3G1779-22.1	1	888179-2	E-116	1						
E-117	Not Used														
E-118	Terminal board assembly: ten brass post type terminals, six resistors: R-103, 104, 106, 107, 115, 116; board laminated phenolic cloth base 4-7/8" long x 3" wide x 25/32" deep overall, one end two 0.173" diam. mounting holes on 2-1/2" x 4-3/8" centers, other end two 0.173" diam. mounting holes on 1-5/8" x 4-3/8" centers	Resistor Board, Transmitter Back Section			229410-144	1	439141-501	E-118	1						
E-119	Insulator: bushing, round steatite ceramic, top and sides glazed, 3/8" OD x 0.120" ID x 5/32" thick	Mounting Screw Tripler	-6448 RE 13A 317F		3G1250-6.12	323	855978-1	E-119, 124	12	1	4	1	8	2	16
E-120	Insulator: standoff ceramic, 5/16" square x 1-5/8" long, #6-32 tapped hole each end for 5/16"	R.F. Terminal Board	RE 13A 317		3G1450-26.3	323	856230-5	E-120	1						
E-121 to 123	Not Used														
E-124	Same as E-119	P.A. Mounting Screw	-6448		3G1250-6.12	1	894308-1	E-125, 126	2						
E-125	Insulator: rectangular, mica, 0.020" thick x 1" long x 3/4" wide, one mounting hole 0.173" diam. on 3/8" x 3/8" centers	Z-100B Mounting			3G1550-16.1	1									
E-126	Same as E-125	Z-100C Mounting			3G1550-16.1	1	894308-2	E-127	1						
E-127	Insulator: round, mica, 0.020" thick x 3/4" diam., one mounting hole 0.173" diam. in center	Z-100B Mounting			3G1500-12.7	1									
E-128	Insulator: mica, 0.020" thick x 3/4" diam. one side flat 5/16" from center, one mounting hole 0.173" diam. in center	Z-100C Mounting			3G1500-12.8	1	894308-3	E-128	1						
E-129	Insulator: bushing, bakelite BN-120 natural, 7/16" O.D. x 0.180" I.D. x 0.250" thick, with 0.280" diam. x 0.157" shoulder	P.A. and Tripler			3G1837-8.21	1	887842-2	E-129	6	1	3	1	6	2	12

TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT																				
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	ANS, JAN OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	SPARE PARTS											
									TOTAL NO. PER EQUIP.	BOX NO.	QTY.	BOX NO.	QTY.	BOX NO.	QTY.	BOX NO.	QTY.			
RECEIVER TRANSMITTER CRV-43067 (AS-2C541D) (Continued)																				
E-206	Shield: 0.020" thick aluminum 1-1/4" high x 1-1/8" long, three slots 1" high x 0.020" wide, base 1/2" long x 5/16" deep, hole 0.128" diam.	R.F. Unit Interstage			227093-64	1	888761-2	E-206												
E-207	Not Used																			
E-208	Selector switch assembly: consisting of clutch assembly, lever, lever plate, shaft, push rod, locking plate, ten selector disks and spacers, nine separator disks, end plate ball bearing, plug, cage assembly, base plate assembly with gear knob assembly 0 to 100, back plate, and hardware	R.F. Tuning			329903A-35.1	1	881729-504	E-208												
E-208A	Same as E-111A	R.F. Tuning Knob			225816.26															
E-208B	Same as E-110B	R.F. Gear			224875-148															
E-208C	Same as E-110C	R.F. Tuning			225822-139															
E-208D	Same as E-110D	R.F. Tuning Switch			3H320-57															
E-208E	Same as E-110E	R.F. Tuning Switch			223806.19															
E-208F	Same as E-110F	R.F. Tuning Switch			3HK330-7															
E-209	Switch selector assembly: consisting of clutch assembly, lever, lever plate, shaft, push rod, locking plate, ten selector disks and spacers, nine separator disks, end plate, ball bearing plug, cage assembly, base plate assembly with gear knob assembly 0 to 100, back plate, and hardware	R.F. Tuning Switch and I.P.A. Tuning			329903-35.7	1	881729-508	E-209												
E-210	Shield: tube for type 8011 socket and one Ta tube or similar, 7/8" O.D. x 0.810" I.D. x 1-3/8" high, inner spring, free length 5/8" approx. 3-1/2 turns	Tube Shield	JAN S086 JAN S-28		228320-13	755	99147-2	E-210, 501, 502, 503												
E-301	Sleeve: beryllium copper, 0.718" long x 0.120" diam, 0.053" diam. hole for 1/4" one end, other end graduated with hole 0.070" diam. x 0.375" long, 0.005" max. gap slot, two holes 1/16" diam. in side (Part of J-301)	Inner Conductor Terminal			228522-47	1	892835-2	E-301, 1002												

TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

PARTS

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	ANS. JAN. OR NAVY TYPE DESIGN.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIGN.	CONTRACTOR'S DNG AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS			
										BOX NO.	QUAN.	BOX NO.	QUAN.
RECEIVER TRANSMITTER CRY-43067 (AS-2C5415) (Continued)													
E-301A	Sleeve: beryllium copper silver-plated, 0.718" long x 0.120" diam., 0.093" diam hole for 1/4" one end, other end graduated with hole 0.070" diam. x 0.375" long, 0.005" max. gap slot, two holes 1/16" diam. in sides	Spare Part for E-301			2Z855A-51	1	892835-1	E-301A, 1002A	2	1	1	1	1
E-302	Terminal board assembly: laminated phenolic sheet, 1-1/2" long x 3/4" wide x 3/32" thick, complete with two brass post type terminals 0.120" diam., stenciled R-302, two mounting holes 0.136" diam. on 0.375" mounting center	I.F. Terminal Board	17-P-5	2Z9402-344		1	893941-504	E-302	1	1	1	1	1
E-303	Terminal board assembly: laminated phenolic, 1-7/8" long x 1-1/2" wide x 3/32" thick, complete with eight brass post type terminals 0.120" diam., stenciled R-303, 304, L-301, R-305, two mounting holes 0.136" diam. on 1.500" mounting center	I.F. - A.F. Terminal Board	17-P-5	2Z9408-183		1	893942-502	E-303	1	1	1	1	1
E-304	Terminal board assembly: laminated phenolic, 1-1/2" long x 3/4" wide x 3/32" thick, complete with two brass post type terminals 0.120" diam. stenciled R-306, two mounting holes 0.136" diam. on 0.375" mounting center	I.F. Terminal Board	17-P-5	2Z9402-346		1	893941-503	E-304	1	1	1	1	1
E-305	Terminal board assembly: laminated phenolic 1-7/8" long x 1-1/2" wide x 3/32" thick, complete with eight brass post type terminals 0.120" diam., stenciled R-307, 308, L-302, R-309, two 0.136" diam. mounting holes on 1.5" centers	I.F. - A.F. Terminal Board		2Z9408-183		1	893942-501	E-305	1	1	1	1	1
E-306	Terminal board assembly: laminated phenolic, 1-1/2" long x 3/4" wide x 3/32" thick, complete with two brass post type terminals 0.120" diam., stenciled R-310, two mounting holes 0.136" diam. on 0.375" mounting center	I.F. Terminal Board	17-P-5	2Z9402-347		1	893941-502	E-306	1	1	1	1	1
E-307	Terminal board assembly laminated phenolic, PBG natural, 3/32" thick, with 28 brass post type terminals 5-3/4" long x 1-1/2" wide x 13/32" deep overall, three holes 0.136" diam. on 2.687" x 3/4" mounting centers, stenciled R-307	I.F. Terminal Board		2Z9408-27		1	429683-501	E-307	1	1	1	1	1

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT													
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS			
										BOX NO.	QUAN.	BOX NO.	STOCK
RECEIVER TRANSMITTER CRV-43087 (AS-2C541B) (Continued)													
E-308	Board assembly: laminated phenolic, 1-1/2" long x 3/4" wide x 3/32" thick, complete with two brass post type terminals 0.120" diam., stenciled R-323, two 3/16" diam. mounting holes on top of phenolic.	I.F. Terminal Board			2Z940A.348	1	893941-501	E-308	1				
E-309	Bracket assembly consisting of one bracket 0.043" thick material 1-1/4" high x 5/8" wide x 33/64" deep, one nut, quarterlock #4-40 and two thru terminals	Capacitor C-348			2Z1A43-11	1	887817-501	E-309	1				
E-401	Same as E-101	Control S-401			2Z5816.25								
E-401A	Same as E-101A	Control S-401			2Z5821-76								
E-402	Not Used												
E-403	Same as E-101	Control S-437			2Z5816.25								
E-403A	Same as E-101A	Control R-432			2Z5821-76								
E-404	Same as E-101	Control S-432			2Z5816.25								
E-404A	Same as E-101A	Control R-437			2Z5821-76								
E-405 to 410	Not Used												
E-411	Terminal board assembly: ten brass post type terminals 1/8" thick mycalex, 4" long x 1-7/8" wide x 7/16" deep, two 0.173" diam. mounting holes on 3.500" centers	A.F. Terminal Board			2Z9410.143	1	893991-501	E-411	1				
E-412	Terminal board assembly: consisting of a laminated phenolic terminal board PBE natural, 3/32" thick with ten brass post type terminals, 3" long x 1-1/2" wide x 13/32" deep overall, two holes 0.136" diam. on 2.625" x 3/4" mounting centers, stenciled E-412	A.F. Terminal Board			2Z9410.145	1	449683-502	E-412	1				
E-413 to 416	Not Used												

TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	ANS. JAN. OR NAVY TYPE DESIGN.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIGN.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS											
										EQUIP. NO.	TENDER NO.	STOCK NO.	BOX NO.	QTY.	BOX NO.	QTY.	BOX NO.	QTY.			
RECEIVER TRANSMITTER CRV-43067 (AS-2C5415) (Continued)																					
E-417	Terminal board assembly: laminated phenolic 3/32" thick with four brass post type terminals 2-3/4" long x 1/2" wide x 7/16" deep overall, two 0.147" diam. mounting holes on 1.250" centers	TB-403 A.P. Bleeder				229404.256	1	888916-501	E-417	1											
E-501	Same as E-210	Shield Tube V-502	JAN SOS6		228320-13																
E-502	Same as E-210	Shield Tube V-503	JAN SOS6		228320-13																
E-503	Same as E-210	Shield Tube V-505	JAN SOS6		228320-13																
E-504	Insulator: disk, ceramic steatite, 5/32" thick x 3/8" O.D. x 0.125" I.D.	Converter Output Terminal	-61602 RB13A317		301405-3	28	887849-1	E-504	1	1	1	1	1	1	1	1	1	1	1	1	2
E-505	Stud: terminal, brass, 15/16" long, head 5/16" long x 3/16" square, with #4-40 tap 7/32" deep, shank threaded 5/16" from end with #4-40 thread	Converter Output Terminal			3012050-0.3	1	887850-1	E-505	1	1	1	1	1	1	1	1	1	1	1	1	1
E-506	Insulator: bushing, steatite, 0.375" O.D. x 0.125" I.D. x 1/8" thick, with 13/64" wide x 1/32" deep slot in top	Converter Output Terminal			301250-4.17	28	887863-1	E-506	1	1	1	1	1	1	1	1	1	1	1	1	2
E-507	Terminal assembly: consisting of brass plate 1-1/2" long x 1/2" wide x 0.0403" thick, two holes 0.147" diam., two holes 0.281" diam., two thru terminals 15/16" long hermetically sealed, glass insulation	Multiplier Input	-61803 JAN I-10		229402.338	1	888133-501	E-507	1												2
E-508	Link assembly: consisting of a brass link, cerex block, and bushing assembly 1-1/4" long x 1-7/16" high x 3/4" deep approx. overall, two holes tapped #6-32 thread on 0.875" mounting centers	Multiplier Output			229402.363	1	893908-501	E-508	1												1
E-509	Selector switch assembly: consisting of clutch assembly, lever, lever plate, shaft, push rod, locking plate, ten selector disks and spacers, nine separator disks, end plate, ball bearing, plug, cage assembly, base plate assembly with gear, knob assembly 100-0 dial, back plate, and hardware	Antenna Coupling Tuning & P.A. Tuning			329903A-35.2	1	881729-503	E-509	2	1	1	1	1	1	1	1	1	1	1	1	2
E-509A	Same as E-110A	Multiplier Tuning			226816.27																

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT																				
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	ANS. JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS										
										EQUIP.	TENDER	STOCK	NO.	NO.	NO.	NO.				
RECEIVER TRANSMITTER CRV-43087 (AS-245415) (Continued)																				
E-509B	Same as E-110B	Gear Multiplier			244875-148				1											
E-509C	Same as E-110C	Multiplier Tuning			265823-139															
E-509D	Same as E-110D	Tuning Switch Multiplier			3H320-57															
E-509E	Same as E-110E	Tuning Switch Multiplier			273806.19															
E-509F	Same as E-110F	Tuning Switch Multiplier			3HK230-7															
E-510	Terminal board assembly: consisting of a laminated phenolic, PB natural, terminal board 3/32" thick, with eight brass post type terminals 2" long x 1-1/2" wide x 13/32" deep overall, two 0.136" diam. mounting holes on 1.625" centers, stenciled E-510	Terminal Board Multiplier			269408.184	1	439668-501	E-510	1											
E-511	Terminal board assembly: consisting of a laminated phenolic, PB natural, terminal board 3/32" thick, with four brass post type terminals 1-1/4" long x 1-1/2" wide x 13/32" deep overall, two 0.136" diam. mounting holes on 0.875" centers, stenciled E-511	Terminal Board Multiplier			269404.257	1	439668-502	E-511	1											
E-512	Terminal board assembly: consisting of a laminated phenolic, PB natural, terminal board 3/32" thick, with two brass post type terminals 2-1/8" long x 7/8" wide x 13/32" deep overall, two 0.136" diam. mounting holes on 0.750" x 7/16" centers, stenciled E-512	Terminal Board Multiplier			269402.343	1	439668-503	E-512	1											
E-513	Not Used																			
E-514	Oven: crystal, 24 pins, brass silver-plated, 12 v a.c. or d.c., max. over-all dimensions 3.642" long x 2.580" wide x 2.218" high	Crystal		-40148	266897-1	218 Dwg. #RY681-12A	433958-1	E-514	1	1										
E-515	Switch: selector assembly consisting of clutch assembly, lever, lever plate, shaft, push rod, locking plate, ten selector disks and spacers, nine separator disks, end plate, ball bearing, plug, cage assembly, base plate assembly with gear, knob assembly 100 to 0, back plate, and hardware	Multiplier Tuning and rst I.P.A. Tuning			369903A-35.8	1	881729-507	E-515	2	1	1	1	1	1	1	1	1	1	1	2

TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S Dwg. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS								
										BOX NO.	QUAN.	BOX NO.	QUAN.	TRADER STOCK	QUAN.			
RECEIVER TRANSMITTER CRV-43087 (AS-2C5-41B) (Continued)																		
E-601	Knob assembly: consisting of black molded compound knob 1-1/16" diam. x 7/8" thick, with eight equally spaced indents and pointer, brass insert 1/2" O.D. x 0.251" I.D. x 5/16" long, two #8-32 tapped holes	Knob S-602						E-601, 702	2									
E-602 to 605	Not Used																	
E-606	Insulator: brush holder assembly, 1/2" O.D. x 9/16" long overall, brass nichel plated insert 0.305" diam. x 0.134" long	Brush Rigging B-603			3E2507-47	1172 B2745	889586-1	E-606	1	1	2	1	4	2	6			
E-607	Insulator: brush holder, 0.608" long x 0.531" O.D. x 0.375" I.D.	Motor B-602	-61603		3E2507-48	1358 Dwg.#A1747 A	889889-1	E-607	1									
H-101	Washer: spring, phosphor bronze, 0.005" thick x 7/16" O.D. x 0.250" I.D. x 0.060" deep	P.A. Coupling Loop			6L73614	1	99657-11	H-101	1	1	2	2	2	2	5			
H-102	Gasket: molded neoprene, durometer 35 ±3%, rectangular, 20.051" long x 8.051" wide outside, 19.051" long x 7.051" wide inside, 21/64" thick	Receiver-Transmitter Panel			2Z4868-352	1	433538-1	H-102	2	1	2	2	2	2	4			
H-103	Gasket: molded neoprene, durometer 35 ±3%, rectangular, 19.718" long x 7.718" wide outside, 18.750" long x 6.750" wide inside, 3/8" thick	Receiver-Transmitter Outer Cover			2Z4868-351	1	433538-3	H-103	1	1	2	2	2	2	4			
H-104	Gasket: molded neoprene, durometer 35 ±3%, rectangular, 13.048" long x 5.423" wide outside, 12.455" long x 4.830" wide inside, 1/4" thick	Receiver-Transmitter Selector Panel			2Z4868-353	1	433538-5	H-104	1	1	2	2	2	2	4			
H-105	Spring: music wire, 0.035" diam., cadmium-plated, 9/32" I.D., 5/16" free length, 3-1/2 turns, approx. 3-1/2" developed length, right-hand wound, square ends and ground	S-101 Mounting Cap			2Z8878-126	308	865344-4	H-105, 201, 408 409, 410, 602	6	1	7	2	14	2	28			
H-106	Washer: stainless steel, 0.018" thick x 0.406" O.D. x 0.252" I.D.	S-101 Shaft Bearing Thrust			6L58024-14	1	868141-18	H-106, 202, 411, 412, 413, 603	12						14			

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT											
PARTS						SPARE PARTS					
SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AMS, JAN. OR NAVY TYPE DESIGN.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIGN.	CONTRACTOR'S DNG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	BOX NO. EQUIP.	QUAN. TENDER STOCK
RECEIVER TRANSMITTER CRV-43067 (AS-25415) (Continued)											
H-107	Slings: fiberglass, 5-1/2" free length, 3 lbs. pull to extend overall length 3/4" beyond free length, 1/8" I.D. eye in one end	V-101 Clamp Tube			226191-7	308	895042-1	H-107	1	1	1
H-108	Washer: neoprene, durometer hardness 50 ±5%, cross section 1/16" diam., 3/8" O.D. x 1/4" I.D.	Water Sealing, S-101 Outer			228273-13	113	887824-1	H-108, 204, 419, 420, 421, 605	12	1	28
H-109	Washer: neoprene, durometer hardness 50 ±5%, cross section 1/16" diam., 21/32" O.D. x 17/32" I.D.	Water Sealing, S-101 Inner			228273-12	113	887824-2	H-109, 205, 422, 423, 424, 425, 606, 707, 708	9	1	14
H-110	Cap: duralumin, 11/16" hex. x 1/8" one end 9/16" diam. x 3/8" other end, 1/2" high overall, hex. end tapped 1/4" with 15/32"-32 threads, other end with 0.257" hole	S-101 Mounting			228273-18	1	887838-1	H-110, 206, 426, 432, 433, 611	6	1	2
H-111	Spring: sterling silver, made from strip 35/64" long x 0.171" wide x 0.010" thick, bent at 7/32" to 9/32" high, 0.089" diam. hole in base	Condenser Shaft C-108			228879-120	1	887897-1	H-111, 112	2	1	4
H-112	Same as H-111	Condenser Shaft C-106			228879-120						
H-113	Same as H-111, except opposite hand	Condenser Shaft C-108			228879-121	1	887897-2	H-113, 114	2	1	2
H-114	Same as H-113	Condenser Shaft C-106			228879-121						
H-115	Bushing: aluminum, 9/16" thick x 3/4" wide x 1.7185" long, 15/32"-32 threads, two holes tapped #6-32 threads	S-101 Mounting			22580-38	1	433910-2	H-115, 407, 427, 428	4	1	2
H-116	Gasket: neoprene, durometer 50, 3-13/16" long x 2-23/16" wide x 1/4" thick, inside opening 3-1/16" long x 2-1/16" wide, 12 holes 3/32" diam.	Front Panel			224868-362	1	888782-1	H-116	1	1	2
H-117	Washer: neoprene, durometer hardness 50 ±5%, cross section 3/32" diam., 23/32" O.D. x 17/32" I.D.	For J-301			228273-14	1	887824-5	H-117	2	1	4
H-118	Washer: neoprene durometer hardness 50 ±5%, cross section 3/32" diam., 1/4" O.D. x 1/16" I.D.	Water Sealing			228273-9	1	887824-15	H-118, 715	32	1	2

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TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS. JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. MFR'S DESIG.	CONTRACTOR'S DNG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS				
										EQUIP. NO.	TENDER NO.	STOCK NO.	STOCK NO.	
RECEIVER TRANSMITTER CRV-43067 (AS-2C5415) (Continued)														
H-119	Washer: neoprene, durometer hardness 50 ±5%, cross section 3/32" diam., 1-17/64" O.D. x 1-5/64" I.D.	Water Sealing		228273-11		1	887824-16	H-119, 716	2	1	2	2	2	8
H-120	Washer: neoprene, durometer hardness 50 ±5%, cross section 3/32" diam., 1-25/64" O.D. x 1-13/64" I.D.	Water Sealing		228273-10		1	887824-17	H-120, 717	3	1	3	2	6	18
H-121	Screwdriver: Marine Corps green enamel finish, 3-27/32" long overall x 1/2" wide x 1/8" thick shaft, tip 1/16" thick	Screwdriver		6818443-1		1361	887891-1	H-121	1	1	1	2	1	2
H-122	Spring assembly: consisting of two springs made from 0.010" thick sterling silver; one 5/16" wide formed 7/8" long x 5/16" high, other 0.125" wide formed 23/64" long x 5/32" high	Shaft of C-107		228877-134		1	888945-501	H-122	1	1	1	2	2	5
H-123	Washer, neoprene, durometer hardness 50 ±5%, cross section 3/32" diam., 15/64" O.D. x 3/64" I.D.	Water Sealing		228273-19		1	887824-14	H-123	1	1	2	2	4	8
H-201	Same as H-105	G-201 Mounting Cap		228878-126										
H-202	Same as H-106	C-201 Shaft Bearing Thrust		6158024-14										
H-203	Bushing: duralumin, 3/4" hex. x 11/32" thick, with 15/32"-32 threads, center hole 0.252" diam.	C-201 Mounting		221409-74		1	887271-1	H-203, 604	2					2
H-204	Same as H-108	Neoprene Water Sealing, C-201 Outer		228273-13										
H-205	Same as H-109	Neoprene Water Sealing, C-201 Inner		228273-12										
H-206	Same as H-110	C-201 Mounting		228273-18										
H-207	Clamp: aluminum, 59/64" long x 7/16" across flats x 0.031" thick overall, one hole 0.147" diam., one hole 0.281" diam.	R.F. Detector Output Bushing		227093-66		1	888136-1	H-207	1					1

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT																				
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS. JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR.'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS										
										BOX NO.	QUAN.	BOX NO.	QUAN.							
RECEIVER TRANSMITTER CRV-43067 (AS-205416) (Continued)																				
H-208	Bushing: nickel-plated brass, 51/64" long x 5/8" wide x 0.250" thick overall, two holes #4-40 taps, 1/8" long, one hole 3/64" diam., shaft hole 0.250" diam.	Receiver Tuning Condenser		22580-39		509	888156-1	H-208	1											
H-209	Bushing: nickel-plated brass, 0.7655" long x 5/8" wide x 0.250" thick, one end bent up 3/16", two holes #4-40 tap x 1/8" long, shaft hole 0.250" diam.	Receiver Tuning Condenser		22580-40		509	888157-1	H-209	1											
H-210	Bushing assembly: consisting of glass bonded mica bushing 0.273" long x 3/8" diam. overall, brass eyelet 0.087" diam. x 0.318" long	RF Detector Output Terminal	JAN I-10	221409-89		1	888177-501	H-210, 510	2	1	2	4	2	8						
H-301	Clamp assembly: tube, consisting of stainless steel tube clamp and laminated phenolic insulator 0.894" long x 1/2" wide x 0.650" deep overall	V-301 Clamp		222642.118		1	894360-501	H-301, 302, 303, 304, 305, 430, 431	7											
H-302	Same as H-301	V-302 Clamp		222642.118																
H-303	Same as H-301	V-303 Clamp		222642.118																
H-304	Same as H-301	V-304 Clamp		222642.118																
H-305	Same as H-301	V-305 Clamp		222642.118																
H-306	Clamp: aluminum, 29/32" long x 25/32" wide x 0.091" thick overall, 0.281" diam. hole 0.406" diam. x 0.062" deep counterbore, two holes #6-32 tap	IF Input Bushing		227099-71		1	888135-1	H-306	1											
H-307	Plate: aluminum, 29/32" long x 25/32" wide x 0.025" thick overall, one hole 0.281" diam., two holes 0.156" diam.	IF Input Bushing Mounting Plate		227091-132		1	888137-1	H-307	1											
H-401	Clamp: steel, zinc-plated, 2-1/4" long x 0.731" wide x 1.8125" high, two mounting slots 17/64" long x 5/32" wide on 1.875" x 1/4" centers	C-407 Capacitor		222635.176		1	90545-1	H-401, 402, 403, 404	4											
H-402	Same as H-401	C-409 Capacitor		222635.176																
H-403	Same as H-401	C-410 Capacitor		222635.176																
H-404	Same as H-401	C-414 Capacitor		222635.176																

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TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIGN.	NAME OR PART AND DESCRIPTION	FUNCTION	ANS. JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS				
										BOX NO.	QUAN.	EQUIP. TENDER	STOCK	
RECEIVER TRANSMITTER CRV-43087 (AS-2C5415) (Continued)														
H-405	Clamp: steel, zinc-plated, 2-1/4" long x 0.731" wide x 1.000" high, two mounting slots 17/64" long x 5/32" wide on 1.875" x 1/4" centers	C-408 Capacitor			222635-176	1	90545-2	H-405, 406	2					
H-406	Same as H-405.	C-412 Capacitor			222635-176									
H-407	Same as H-115	R-437 Mounting			22580-38									
H-408	Same as H-105	S-401 Mounting Cap			228878-126									
H-409	Same as H-105	R-437 Mounting Cap			228878-126									
H-410	Same as H-105	R-432 Mounting Cap			228878-126									
H-411	Same as H-106	S-401 Shaft Bearing Thrust			6158024-14									
H-412	Same as H-106	R-432 Shaft Bearing Thrust			6158024-14									
H-413	Same as H-106	R-437 Shaft Bearing Thrust			6158024-14									
H-414	Spring: 0.020" diam. music wire, 32 turns per inch 13/16" I.D. x 0.9985" O.D.	Z-402 Seal Gasket			228879-133	1	894319-1	R-414	1	4	2	8	2	20
H-415	Gasket: neoprene, grade PR, water seal, 0.928" O.D. x 0.750" I.D., hole in top 0.400" diam. x 19/64" wide overall	Z-402 Seal			224866-10	1045 NO 32A-41934	887545-1	R-415	1	4	2	8	2	12
H-416	Seal: water assembly consisting of shell and black bakelite plug button, cap, hairpin loop, and coil spring 1-9/32" long x 15/16" high x 13/16" wide overall	Z-402 Water			228273-16	1235 Type IA 631896-01	887546-1	R-416	1	4	2	8	2	16
H-417	Plate: aluminum, oval-shaped, 0.064" thick x 3/4" wide at center x 1.7185" long, with 0.390" diam. center hole and two slots 21/64" long x 0.156" wide each end	S-401 Mounting			227091-131	1	887814-1	R-417	1					2
H-418	Plate: aluminum, oval-shaped 0.064" thick x 3/4" wide at center x 1.7185" long, with 0.391" diam. center hole with 1/16" x 1/32" keyway and two slots 21/64" long x 0.156" wide each end	R-431 Mounting			227091-130	1	887814-2	R-418	1					2

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT													
PARTS					SPARE PARTS								
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	ANS, JAN OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DNG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	BOX NO. EQUIP.	QUAN. TENDER	BOX NO. STOCK	
RECEIVER TRANSMITTER CRV-43067 (AS-20C5416) (Continued)													
H-419	Same as H-108	Neoprene, Water Sealing, S-401 Outer			228273-13								
H-420	Same as H-108	Neoprene, Water Sealing, R-437 Outer			228273-13								
H-421	Same as H-108	Neoprene, Water Sealing, R-432 Outer			228273-13								
H-422	Same as H-109	Neoprene, Water sealing, S-401 Inner			228273-12								
H-423	Same as H-109	Neoprene, Water Sealing, Z-402 Inner			228273-12								
H-424	Same as H-109	Neoprene, Water Sealing, R-437 Inner			228273-12								
H-425	Same as H-109	Neoprene, Water Sealing, R-432 Inner			228273-12								
H-426	Same as H-110	S-401 Mounting			228273-18								
H-427	Same as H-115	R-432 Mounting			Z580-38								
H-428	Same as H-115	S-401 Mounting			Z580-38								
H-429	Washer: flat, Bnna S, 0.359" I.D. x 3/4" O.D., 0.015" thick	Water Sealing, Z-402 Outer			228273-8	1	60178-15	H-429, 711, 712, 713	4	1	3	2	6
H-430	Same as H-301	Clamp V-401			22a642.118								
H-431	Same as H-301	Clamp V-403			22a642.118								
H-432	Same as H-110	R-437 Mounting			228273-18								
H-433	Same as H-110	R-432 Mounting			228273-18								
H-501	Clamp: tube, annealed spring steel, 0.040" thick material, clamp end 7/16" wide x 9/16" long, with seven teeth 1/32" high and center slot 0.150" wide x 15/64" long, stem end 1/8" wide x 3/4" high	Clamp V-501			22a642.113	1	887827-1	H-501, 502	2	1	1	2	1
H-502	Same as H-501	Clamp V-504			22a642.113								

TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT																				
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS. JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DNG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS										
										BOX NO.	QUAN.	BOX NO.	QUAN.	BOX NO.	QUAN.	BOX NO.	QUAN.			
RECEIVER TRANSMITTER CRV-43087 (AS-2C5418) (Continued)																				
H-503 to 507	Not Used								1	1	1	2	1							
H-508	Clamp: copper, silver finish, 1-1/8" long x 9/16" high overall, 7/32" wide ring 13/16" I.D., step mounting bracket 19/32" long x 9/32" high, with 0.173" diam. hole	Ground X-501			22a639-58	1	893984-1	H-508	1	1	1	2	1	2	1					
H-509	Ring: aluminum, oval-shaped, 1.125" long x 0.781" wide x 0.312" high	Converter Output Terminal Shield Mounting			227858-55	179	887887-1	H-509	1						2	1				
H-510	Same as H-210	Converter Output Terminal			221409-89															
H-511	Clamp: crystal, phosphor bronze, 0.032" thick x 1-1/2" wide x 1-39/64" long	Clamp X-507			22a635-177	1	895071-1	H-511	1	1	1	2	1	2	1					
H-512	Spring: 0.0317" diam. music wire, triangular shape, sides must be tangent to included circle of 0.157" diam.	For L-501 and L-502			22a639-65	1	75969-2	H-512	2	1	2	2	4	2	10					
H-513	Clamp: tube assembly consisting of stainless steel clamp 1-1/4" I.D., curved brace 63/64" high x 21/32" wide, plate 1.500" O.D. x 1.172" I.D., with 0.0935" x 0.187" key, aluminum cup 1-7/8" O.D. x 1.375" I.D. x 0.344" high 2.187" between centers, two mounting holes 0.156" diam	Clamp for X-508			22a639-72	1	888502-501	H-513,709	2	1	1	2	1	2	1					
H-601	Nut: hexagon, dural, single chamfer 3/4" across flats, 1/8" thick tapped 9/16"-28 threads	Panel Lamp Mounting			6L4459-28	1	818983-y	H-601	1						2	1				
H-602	Same as H-105	S-602 Mounting Cap			228878-126															
H-603	Same as H-106	S-602 Shaft Bearing Thrust			6L58024-14															
H-604	Same as H-203	S-602 Mounting			221409-74															
H-605	Same as H-108	Neoprene, Water Sealing, S-602 Outer			228273-13															
H-606	Same as H-109	Neoprene, Water Sealing, S-602 Inner			228273-12															
H-607	Washer: neoprene, durometer 50, cross section 1/16" diam. x 3/4" O.D. x 5/8" I.D.	Water Sealing, Panel Lamp			228273-17	113	887824-3	H-607	1	1	1	2	2	2	4					
H-608	Lens: indicator light, threaded 1/16" thick, water-clear plexiglas, one fixed shutter, one rotating shutter, hex. nut 13/16" across flats 5/8"-27 threads, 13/16" diam. x 7/8" overall	Jewel, Panel Lamp			225991-72	780	896537-1	H-608	1	1	1	2	1	2	1					

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT																
SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR IS DESIG.	CONTRACTOR'S Dwg. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	SPARE PARTS							
									TOTAL NO. PER EQUIP.	BOX NO.	QUAN.	BOX NO.	QUAN.	BOX NO.	QUAN.	BOX NO.
RECEIVER TRANSMITTER CRV-43067 (AS-2C5415) (Continued)																
H-609	Cap: brush holder, brass, cadmium-plated, 0.140" thick x 5/16" diam., 32 threads per inch, with 3/64" sq. slot in head	For B-602			38683-39	1358 Dwg. Xa486A	889891-1	H-609	1	1	2	2	4	2	2	6
H-610	Not Used	S-602 Mounting			228-73-18											
H-611	Same as H-110	Oil			661398.6	1	427916-501	H-612	1	1	2	2	4	2	3	
H-612	Lubricant: 4 oz. oil, Univis #60, in 4-oz. screw top container	Filament Indicator			225952	246 Mazda 47	6114-22	I-601	1	1	2	1	4	4	6	
I-601	Lamp: 6/8 V, 0.15 amp., 0.94 watt, bulb 1 3/4 clear, miniature bayonet base 1-1/8" long overall	Jack, V-101 Output	AN UG 87/U RE 49F 244		227390-87	699	719230-5	J-102	1	1	1	1	1	1	4	2
J-102	Connector: panel mounting receptacle, 0.687" sq. plate with four holes 0.099" x 0.500" centerline, body 0.745" long x 0.473" diam.	Receptacle, Antenna to K-101														
J-103	Connector assembly: female contact, with a bakelite insulator molded over terminal and consisting of a phosphor bronze wire spring, temper, 0.0301" diam. x 5/16" long 0.687" sq. x 0.967" long overall, four 0.102" diam. mounting holes on 0.500" x 0.500" centers	Jack, Receiver to K-101														
J-104	Connector assembly: female contact, with a bakelite insulator molded over terminal and consisting of one round silver contact 0.021" diam. x 0.094" long on end of phosphor bronze wire spring, 0.687" sq. x 1.249" long overall, four 0.102" diam. mounting holes on 0.500" x 0.500" centers	Receptacle, Transmitter to K-101														
J-105	Same as J-104	Antenna Panel Jack	JAN UG-261/ II RE49F188A		227390-281	1	439193-501	J-106	1	1	1	1	1	4	2	
J-106	Connector jack assembly: female contact, brass shell silver-plated, 0.957" long x 3/4" diam. overall, mounting plate near centers 1" sq. with four mounting holes 0.0120" diam. on 23/32" centers	Jack, Receiver Input	JAN AN-UG-87/U		227390-87	1	433908-1	J-201	1	1	1	1	1	4	2	
J-201	Receptacle: with bakelite insulator molded over terminal, 0.0245" diam. hole 11/64" deep in terminal, 3/8"-22 threads, 1 1/16" sq. x 0.780" long, four holes 0.102" diam., 0.500" on centers, same as A/N type UG 87/U except for 0.102" diam. holes, molded insulator and hole in terminal															

TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	ANS. JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DNG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	SPARE PARTS									
									BOX NO. PER EQUIP.	EQUIP. TENDER	STOCK	QUAN.	BOX NO.	QUAN.	BOX NO.	QUAN.		
RECEIVER TRANSMITTER CRV-43087 (AS-2C541E) (Continued)													TOTAL NO. PER EQUIP.					
K-101	Switch assembly: antenna transfer, consisting of housing assembly, coil assembly, contact assembly, contact spring, three receptacle assemblies, and hardware	Relay, Antenna Transfer	-491074		3Z9903A-35.3	1	722602-501	K-101	1	1	1	1	1	1	3			
K-102	Relay: armature, coil in V, 250 ohms, contacts two form C pileups closed in one direction when coil not energized, to open before making contact on other side when coil is energized, nitrogen filled, hermetically sealed case 2-3/16" long x 1.102" wide x 1.508" high, eight terminals extending 5/8" stenciled 1 to 8, three mounting studs #8-32 threads x 5/16" long	Relay, HV Changeover	-39726		2Z7585-188	713 Type SK 13001	449680-1	K-102, 601	2	1	1	1	1	1	5			
K-601	Same as K-102	Relay, Selector Control	-49726		2Z7585-188													
L-101	Coil assembly: consisting of right-hand coil, one turn 0.080" diam. wire formed 11/16" I.D., two terminals	V-101 Input Loop Assembly	-47870		3C1084F-4	1	888180-501	L-101	1	2	1	1	1	1	4			
L-102	Coil: 0.965" long x 7/8" high x 7/16" O.D., right-hand wound, three turns, 0.020" thick x 1/8" wide, copper sheet	V-101 Grid Tuning	-47869		3C1084F	1	888126-3	L-102	1	2	1	1	1	1	4			
L-103	Coil: RF, integral type, right-hand wound, unshielded, 0.090" O.D., 1.2055" lg overall x 0.690" OD, hole 0.047" diam on top center of middle turn, terminal at each end 19/32" long	V-101 Plate	-47868		3C1084F-7	1	888126-1	L-103	1	2	1	1	1	1	4			
L-104	Coil assembly: right-hand wound, one turn 0.1285" diam. wire, formed 7/8" I.D.	V-101 Output Loop	-47867		3C1084F-5	1	888148-501	L-104	1	2	1	1	1	1	4			
L-105	(Part of W-103)	V-102 Input Loop						L-105	1									
L-106	Connector assembly: consisting of socket for 2C-39 heater tube and feed assembly, inductance coaxial cable 8-1/2" long, single copper conductor AWG #22 vinylite insulation with glass braid, approx. 0.080" diam., outer covering copper tubing 0.109" diam. x 0.015" thick wall approx., including one connector assembly and an adapter	Coil, V-103 PA Grid Tuning	-49884		2Z306A-125	1	439134-501	L-106	1	1	1	1	1	1	4			

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT													
SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIGN.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIGN.	CONTRACTOR'S DING. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	SPARE PARTS				
									TOTAL NO. PER EQUIP.	BOX NO.	EQUIP. TENDER	STOCK	NO.
RECEIVER TRANSMITTER CRV-43087 (AS-2C5418) (Continued)													
L-106A	Inductance AWG #20 covered with vinylite insulation glass braid and copper tube 0.125" diam., overall size 4-59/64" long x 61/64" wide, develop length 8"	PA Grid Tuning	-49884		2Z3062-125	1	865951-1	L-106A	1	2	1	4	1
L-107	Connector assembly: grid tuning coil tripler consisting of a socket for a 2C-39 heater tube and feed assembly, with tripler inductance, 12" long coaxial cable, single copper conductor AWG #22 vinylite insulation with glass braid approx. 0.080" diam., outer covering copper tubing 0.109" diam. x 0.015" thick wall, including one other connector and one connector assembly and an adapter	V-102 Grid Tuning Coil	-49883		2Z3062-139	1	433594-501	L-107	1	1	1	4	1
L-108	(Part of Z-100B)	V-102 Plate Grid Inductor						L-108	1				
L-109	Coll: radio, RF loop, 0.0641" diam. bare copper wire 1-3/8" long x 11/16" wide, with two-hole bakelite connector	V-102 Output Loop			3C1084H-6	1	889216-501	L-109	1	1	1	4	2
L-110	(Part of Z-100C)	V-103 Input Loop						L-110	1				
L-111	(Part of Z-100C)	V-103 Grid Cathode Inductor						L-111	1				
L-112	(Part of Z-100C)	V-103 Plate Grid Inductor						L-112	1				
L-113	Loop assembly: consisting of 0.0403" diam. copper wire loop 1" long x 15/32" wide less soldering ends, one terminal assembly, one brass gear, one styramic HI insulator and one aluminum support 1.687" long x 1.224" high x 1.302" deep overall	Antenna Coupling (Part of Z-100C)			3C4070	1	433505-501	L-113	1	2	1	4	1
L-114	Coll: radio, RF choke, integral type, single winding, unshielded, 17-1/2 turns equally spaced AWG #20 copper wire 0.125" I.D. x 0.157" O.D. x 13/16" long overall, two axial leads each 1/2" long	For V-103 Filament			3C370-74	1	888936-1	L-114, 115	2	2	2	4	2
L-115	Same as L-114	For V-103 Filament											
L-201	Wire: bare, copper AWG #20 soft tinned, 4" long	Inductor, RF Tuning			3C370-74	1	618528-23	L-201	1				

‡ Cannot be ordered separately, but only as part of Z-100B
 † Cannot be ordered separately, but only as part of Z-100C

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TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DNG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS										
										BOX NO.	QUAN.	BOX NO.	QUAN.	BOX NO.	QUAN.	BOX NO.	QUAN.			
RECEIVER TRANSMITTER CRV-43007 (AS-2C541B) (Continued)																				
L-202	Coil: radio, RF, 19/32" long x 7/16" wide x 3/8" thick, four turns RR wound AWG #20 tinned copper wire 1/4" O.D., 5/64" pitch (Part of C-203)	RF Tuning			3C1084H-19	1	889845-1	L-202, 205, 208, 211	4											
L-203	Wire: bare, copper, AWG #20 soft tinned, 1-1/8" long	Inductor, RF Tuning				1	618528-28	L-203	1											
L-204	Wire: bare, copper, AWG #20 soft tinned, 3-5/8" long	Inductor, V-201 Grid Tuning				1	618528-24	L-204	1											
L-205	Same as L-204 (Part of C-203)	V-201 Grid Tuning																		
L-206	Wire: bare, copper, AWG #20 soft tinned, 1-1/8" long	Inductor, V-201 Grid Tuning			3C1084H-19	1	618528-29	L-206	1											
L-207	Wire: bare, copper, AWG #20 soft tinned, 4" long	Inductor, V-201 Plate Tuning				1	618528-25	L-207	1											
L-208	Same as L-204 (Part of C-203)	V-201 Plate Tuning				1	618528-30	L-209	1											
L-209	Wire: bare, copper, AWG #20 soft tinned, 1-1/8" long	Inductor, V-201 Plate Tuning			3C1084H-19	1	618528-26	L-210	1											
L-210	Wire: bare, copper, AWG #20 soft tinned, 3-1/2" long	Inductor, V-202 Grid Tuning																		
L-211	Same as L-204 (Part of C-203)	V-202 Grid Tuning																		
L-212	Wire: bare, copper, AWG #20 soft tinned, 1-1/8" long	Inductor, V-202 Grid Tuning			3C1084-19	1	618528-31	L-212	1											
L-213	Wire: bare, copper, AWG #20 soft tinned, 3-1/2" long	Inductor, V-203 Plate Tuning				1	618528-27	L-213	1											
L-214	Coil: radio, RF, 19/32" long x 7/16" wide x 3/8" thick, three turns right-hand wound AWG #20 tinned copper wire 3/32" pitch, 1/4" O.D.	V-202 Plate Tuning			3C1084H-18	1	889845-2	L-214	1											
L-215	Wire: bare, copper, AWG #20 soft tinned, 1-1/4" long	Inductor, V-203 Plate Tuning				1	618528-32	L-215	1											
L-216	Not Used																			

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT														
PARTS					RECEIVER TRANSMITTER CRV-43067 (AS-2C5415) (Continued)									
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AMS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DNG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS				
									BOX NO.	QUAN.	EQUIP. TENDER	BOX NO.	QUAN.	STOCK
L-217	Coil: radio, RF assembly, integral type, single winding, unshielded, 8-1/4 turns AWG #20 tinned copper wire assembled on co-polymer of styrene coil form, with brass bushing 1-1/2" long x 29/32" wide x 3/8" thick overall	V-203 Grid Ammeter Filter			3C1084H-20	1	889883-501	L-217	1			2	1	4
L-218	Coil: RF choke, integral type, single winding, single layer wound, unshielded 16 turns AWG #24 B wire, 0.3618" long x 0.1339" O.D. x 3/32" I.D., two axial leads 3/4" long	RF Choke			3C1084H-85	1	8855989-1	L-218	1	1	1	2	2	4
L-301	Coil: radio, RF choke, integral type, molded, 45 turns AWG #30 E copper wire, natural resonant frequency above 30 mc, impedance 500 ohms at 50 mc, 0.3 ohms max. d-c resistance 15/16" long x 1/4" diam. overall, two axial leads each 1-15/16" long, core 5/8" long x 3/16" diam.	V-301 RF Filament	-47810		3C1084H-23	795	888776-1	L-301, 302, 303, 304, 305, 506, 507, 509	8	1	4	2	8	4
L-302	Same as L-301	V-302 RF Filament	-47810		3C1084H-23									
L-303	Same as L-301	V-303 RF Filament	-47810		3C1084H-23									
L-304	Same as L-301	V-304 RF Filament	-47810		3C1084H-23									
L-305	Same as L-301	V-305 RF Filament	-47810		3C1084H-23									
L-501	Coil: radio, RF, inductor coil converter single winding single layer wound, unshielded, three turns of 0.032" thick x 1/4" wide copper, 3/8" pitch, formed 0.498" I.D., 1-1/4" approx. overall diam. x 3-5/16" approx. overall length	V-501 Plate Tuning			3C1084H-21	1	727334-501	L-501	1	1	1	2	2	4
L-502	Coil: radio, RF, inductor and tripler tuning, single winding single layer wound, unshielded, two turns of 0.032" thick x 1/4" wide copper, 3/8" pitch, formed 0.498" I.D., 1-1/4" approx. overall diam. x 3-5/16" approx. overall length	V-502 Plate Tuning			3C1084H-22	1	727334-502	L-502	1	1	1	2	2	4
L-503	Not Used													
L-504	Transformer assembly: enclosed in shield can, consists of coil 30 turns AWG #18 copper wire, with an adjustable iron core assembly bottom end, overall dimen. 1.375" square x 3.389" high excluding terminals at top and core assembly bottom	Coil, V-504 Plate	-47937		3C1084H-27	1	618106-597	L-504	1	1	1	2	2	4

TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	ANS. JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS			
										BOX NO.	QUAN.	BOX NO.	QUAN.
RECEIVER TRANSMITTER CRV-43067 (AB-205415) (Continued)													
L-505	Wire: bare, copper, AWG #18 soft tinned, covered with sleeving 0.053" I.D., yellow extruded, one loop 3/4" diam., extended ends 1" x 3/4" wide	Inductor, V-501 Output Coupling Coil				1	618549-71	L-505	1				
L-506	Same as L-301	V-504 RF Filament	-47810	3C1084H-23									
L-507	Same as L-301	V-502 RF Filament Supply	-47810	3C1084-23									
L-508	Not Used												
L-509	Same as L-301	V-503 RF Filament	-47810	3C1084H-23									
L-510	Coil assem: RF choke, consisting of term board, laminated phenolic, with two post type terminals, iron core and stud, 3 piles, each 0.440" diam., 125 turns 0.0036" diam. SS wire/pt, universal wound, term board 15/16" lg x 5/16" wd x 3/32" thk, 1-1/4" lg overall	RF Choke	-471709	3C370-84		1	899941-501	L-510	1				
M-101	Meter: output, 0 to 1.0 ma DC 100 ohms, 0.001 1/2" full scale amps., 1-3/4" sq. x 19/64" thick mounting flange, four mounting holes 1.312" between centers, black phenolic case 1.510" diam. max. x 13/16" thick max., dull black dial, white marking	Panel 0 to 1.0 ma DC	-22504 AMS C39-2	3F901-20		246 80N-1	430715-1	M-101	1				1 1
O-101	Gear: worm, stainless steel, 48 pitch 0.333 pitch diam., single thread, right-hand 14-1/2° pressure angle, 0.065" lead, 3° 35' thread angle, 17/32" min. length of full thread, 0.373" O.D. x 0.1879" I.D. x 11/16" long	Selector Drive		224872-76		508	872512-1	O-101	6		2 3 4 6		
O-102	Bearing needle: steel, 11/32" overall diam. x 3/16" shaft diam. x 1/4" long	Horizontal Selector Drive Shaft		3F321-53		863 Type GB341	886618-1	O-102	4		2 4 4 4		
O-103	Not Used												
O-104	Shaft: stainless steel, 12" long x 0.1876" diam.	Horizontal Selector Drive		228203-13a		1	886874-1	O-104	2		2 4 4 4		
O-105	Collar: stainless steel, 1/4" thick x 3/8" O.D., with 1/4" x 1/16" hub 0.1879" I.D., one 0.047" diam. hole thru one side only and one tapped hole #4-40 threads	Horizontal Selector Drive Shaft		224935-33		1	886876-1	O-105	4		4 4 4 4		
O-106	Gear: bevel drive, stainless steel, 48 pitch, 78 teeth, 1.625" pitch diam., 14-1/2° pressure angle, 1.667" overall diam., with 7/16" diam. hub, 0.281" overall width at hub	Main Selector Drive		224872-75		695	887260-1	O-106	1		2 1 4 1		

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT													
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	ANS. JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DNG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS			
										EQUIP. TENDER	STOCK	BOX	NO.
RECEIVER TRANSMITTER CRV-43087 (AS-265415) (Continued)													
O-107	Coupling assembly: rigid, brass, "W" shaped, 1-1/8" h x 1" wd approx. x 1/2" thk overall, two #8-32 thd tapped holes 120° apart, 1/8" from end	1st IPA Dial				1	8857330-501	O-107, 108, 109, 110	4				
O-108	Same as O-107	and IPA Coupling Dial			2/3273-103								
O-109	Same as O-107	Antenna Coupling Dial			2/3273-103								
O-110	Same as O-107	PA Coupling Dial			2/3273-103								
O-111	Coupling assembly: rigid, consisting of a stainless steel coming with a beryllium copper "U" shaped spring at one end, 1.400" long x 0.374" wide x 5/16" thick overall, one 0.187" diam mg hole on 3/16" x 3/4" mg/c, one end slotted 1/16" wide through to 0.187" diam hole, one #8-32 tap hole through one side of slotted portion and one 0.156" diam hole through other side directly opposite, both holes on 3/16" x 5/32" mg/c	1st IPA Tuning			2/3273-100	1	8856118-501	O-111, 112, 113, 114	4				
O-112	Same as O-111	and IPA Tuning			2/3273-100								
O-113	Same as O-111	Antenna Coupling Tuning			2/3273-100								
O-114	Same as O-111	PA Coupling Tuning			2/3273-100								
O-115, 116	Not Used												
O-117	Gear assembly: consisting of aluminum gear, 48 pitch, 111 teeth, 14-1/2° pressure angle, 2.3125" pitch diam., 2.3341" O.D., with six holes 1/2" diam. equally spaced on 1-3/8" diam. circle, brass hb 1/2" O.D. x 0.2500" I.D. x 0.280" thick	RF Tuning Drive			2/4872-79	1	887812-501	O-117	1				
O-118	Gear: spur, aluminum, 48 pitch, 57 teeth 14-1/2° pressure angle, 1.1875" pitch diam., 1.2291" O.D., with hub 5/16" O.D. x 0.1875" I.D. x 3/16" thick	RF Tuning			2/4875-144	1	887813-1	O-118	1				
O-119	Gear: miter, stainless steel, 48 pitch, 18 teeth, 0.3750" pitch diam., pressure angle 14-1/2°, shaft diam. 0.1879" x 0.265" deep, one #4-40 tapped hole and one 0.047" diam. hole thru side	Selector Drive Bevel			2/4872-81	1	886859-1	O-119	3				

TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIGN.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIGN.	CONTRACTOR'S DNG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS											
										BOX NO.	QUAN.	EQUIP. TENDER	BOX NO.	QUAN.	BOX NO.	QUAN.					
RECEIVER TRANSMITTER CRV-43087 (AS-2C5415) (Continued)																					
O-120	Gear: spiral, hardened steel, 0.393" O.D. x 0.1879" diam. center hole x 0.375" long, right-hand, eight teeth, diametral pitch 24, pitch diam. 0.3333", tooth angle 45°, pressure angle 14-1/2°	Selector Spiral			2/4872-77	1	886861-1	O-120	2												
O-121	Gear assembly: consisting of laminated phenolic cloth base gear, 48 pitch, 57 teeth, 14-1/2° pressure angle, 1.1875" pitch diam., 1.2291" O.D., with aluminum hub 13/32" O.D. x 9/16" wide x 0.2500" I.D.	RF Gear			2/4872-78	1	887822-501	O-121	2												
O-122	Gear assembly: for motor, consisting of one stainless steel gear, one motor assembly, two sets of ball bearings, one pinion, two aluminum bushings, and one aluminum support mounted on aluminum chassis	Transmitter Back Section			2/4872-85	1	722694-501	O-122	1												
O-123	Same as E-110F	Selector Drive																			
O-124	Gear: brass, 0.750" pitch diam., 0.7916" O.D., 48 diam. pitch, 36 teeth, 14-1/2° pressure angle, 0.250" diam. hole in center 15/32" -32 thread x 3/16" long, 0.484" long overall	Antenna Coupling Loop			2/4872	1	887837-1	O-124	1												
O-125	Collar: stainless steel, 3/8" O.D. x 0.1879" I.D. x 0.310" thick, #4-40 tap hole in side, 0.047" diam. hole thru one side only	For A-101			2/2935-36	1	886875-1	O-125	2												
O-126	Coupling assembly: consisting of a bushing, plate, spring and pin 1-5/8" diam x 3/8" thick, 0.250" diam. shaft hole	For A-101			3/81290.3-2	1	888751-501	O-126	1												
O-201	Coupling: flexible drive, duralumin, 3/8" O.D. x 0.1875" I.D. x 1-1/8" long	Universal Joint, C-202 Drive			2/3373-78	86	868655-4	O-201	2												
O-202	Shaft assembly: consisting of two dural shafts 1-3/32" long x 0.187" diam., laminated insulation coupling 1" long x 7/16" diam., with 0.1875" hole 13/32" deep each end, two steel screws #6-32 x 1/8" long, two stainless steel taper pins #6/0 x 1/2" long, 2-13/32" overall length	C-201 Tuning			2/373-83	1	888104-501	O-202	1												

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT													
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS. JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS			
										BOX NO.	QUAN.	ON X OF	STOCK
RECEIVER TRANSMITTER CRV-43067 (AS-2C5415) (Continued)													
O-203	Gear Assembly: consisting of aluminum support with two 1/2" diam. hubs, two stainless steel shafts, one 1" long x 0.1875" diam., other 29/32" long x 0.2496" diam., overall, two brass miter gears, 3/8" pitch diam., face 7/64", 48 pitch, 18 teeth, four setscrews 1/8" long #4-40	C-201 Drive			224872-72	1	888125-501	O-203	1	1	4	1	
O-203A	Gear: miter, brass, 3/8" pitch diam., 7/64" face, 48 pitch, 18 teeth, shaft 0.125" diam. x 17/64" deep, two #4-40 tapped holes in side	C-201 Drive			224878-123	86 Cat. # 53G461	888124-1	O-203A	2	2	1	4	
O-203B	Gear: miter, brass, 3/8" pitch diam., 7/64" face, 48 pitch, 18 teeth, 5/16" O.D., 0.125" bore diam., 17/64" long overall	C-201 Drive			224872-82	86 Cat. # 53G461	882185-1	O-203B	2	2	1	4	
O-204	Gear: aluminum, 0.7916" O.D. x 5/16" thick, 0.7500" pitch diam., 48 diam. pitch, 36 teeth, 14-1/2° pressure angle, hub 7/16" diam., bore 0.1875" diam.	RF Tuning Condenser			224875-143	1	888528-2	O-204	1	2	1	4	
O-205	Gear assembly: consisting of aluminum gear 0.7916" O.D. x 0.249" thick, 0.7500" pitch diam., 48 diam. pitch, 36 teeth, 14-1/2° pressure angle, hub 5/16" diam., bore 0.1875" diam., stainless steel plate 0.032" thick stock, 15/64" wide x 37/64" long to center of mounting holes	Driven, RF Tuning Condenser			224872-71	1	888548-501	O-205	1	2	1	4	
O-206	Coupling assembly: consisting of one plate assembly, one plate, bushing, shim and spring, approx 1-1/2" OD x 0.253" OD x 0.3085" thick	RF Receiver			223273-75	1	433922-501	O-206	1	2	1	4	
O-207	Silica gel air dryer assembly, consisting of a cartridge filled with silica gel crystals spec. #51832, Grade "D", sealed in a metal container, 2-1/8" wide x 4-1/8" long x 9/16" high overall, mica indicating window on cartridge	For Sealed Equipment			223602-18	1	888713-501	O-207	24	2	2	4	
O-501	Gear assembly: consisting of two gears, stainless steel, 1.500" pitch diam., 48 diam. pitch, 72 teeth, 14-1/2° pressure angle, 0.037" thick x 1.5416" O.D., complete with stainless steel pin, one gear with 0.3745" O.D. hole, other with 0.314" hex. hole for shaft, shim spring, and hub, stainless steel 1/2" O.D. x 0.250" I.D. x 0.392" long, overall size 1.5416" diam. x 0.132" thick	Multiplier Tuning Condenser			224872-74	1	433931-501	O-501	1	2	1	4	

TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS										
										EQUIP. NO.	BOX NO.	TENDER BOX NO.	STOCK BOX NO.							
RECEIVER TRANSMITTER CRV-43087 (AS-2C5415) (Continued)																				
O-502	Gear assembly: consisting of two gears, stainless steel, 1.500" pitch diam., 48 diam. pitch, 22 teeth, 14-1/2" pressure angle, 0.037" thick x 1.5416" O.D., complete with stainless steel pin, one gear with 0.3745" O.D. hole, other with 0.314" hex. hole for shaft, shim, spring, and bushing, stainless steel 1/2" O.D. x 0.233" I.D. x 0.328" long, overall size 1.5416" diam. x 0.328" thick	Multiplier Tuning Condenser		224872-73		1	433931-502	O-502	1											
O-503	Gear: aluminum, 2.5416" O.D. x 0.375" thick, 2.500" pitch diam., 48 diam. pitch, 120 teeth, 14-1/2" pressure angle, hub 7/16" diam., bore 0.1874" diam., six holes 1/2" diam. on 1-1/4" centers	Multiplier Tuning Idler		224875-142		695	888529-1	O-503	1											
O-504	Shaft: stainless steel, 5/8" long x 5/16" diam. overall, with 0.1302" diam. x 3/32" long hole one end	Multiplier Tuning Condenser		228202.67		1	888524-1	O-504	1											
O-505 to 507	Not Used																			
O-508	Coupling assembly: consisting of one plate assembly, one plate, bushing, shim and spring, approx 1-1/2" diam. x 0.376" thick	Multiplier Driver		223273-76		1	433932-502	O-508	1											
O-601	Coupling assembly: consisting of stainless steel shaft 31/32" long x 0.240" diam., with cap 5/8" diam. x 0.062" thick, stainless steel coupling disk 0.032" thick stock, 1-5/8" diam. x 1/4" high	For Switch S-602		223273-77		1	888752-501	O-601	1											
O-602	Bearing: ball, 0.8659" O.D. x 0.27545" I.D. x 0.2731" wide, with seven balls each 5/32" diam.	Set for B-602		31304-9		439 77037	885655-7	O-602	1											
O-603	Bearing: ball, single row, radial, steel 0.2300" bore x 0.6250" O.D. x 0.1969" wide overall, with eight 3/32" diam. balls	For Blower Motor B-603		31305-131		439 7R4	885655-10	O-603	1											
O-604	Bearing: ball, single row, radial shield steel, bore 0.2362" x 0.7480" x 0.2362" wide overall	For D-801		311787A/6		439 Brg. 7036	885824-3	O-604	1											

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT													
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	HPR. AND HPR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS			
										BOX NO.	QUAN.	BOX NO.	QUAN.
RECEIVER TRANSMITTER CRV-43067 (AS-205415) (Continued)													
0-605	Gear assembly: consisting of one aluminum die casting bracket, four Fafnir Cat. #33-5 ball bearing, one stainless steel shaft 2-15/32" long x 0.1874" diam. with 5/16" diam. collar spaced 9/16" from one end, one stainless steel shaft 1-13/16" long 0.1874" diam. with 5/16" diam. collar spaced 5/8" from one end, one stainless steel gear, 36 teeth 48 diametral pitch, 0.750" pitch diam., 63° 36' pitch angle, 23° 43' face angle, 0.768" O.D., one stainless steel gear, 18 teeth, 48 diametral pitch, 0.375" pitch diam., 26° 34' pitch angle, 60° 35' face angle, 0.411" O.D., one stainless steel collar 7/16" O.D. x 1/4" thick, one steel universal joint 3/8" diam. x 1-1/8" long overall, one aluminum alloy gear, 36 teeth, 0.750" pitch diam., 0.7916" O.D., 48 diametral pitch, 14-1/2° pressure angle with five steel taper pins and six steel setscrews approx. 2-7/16" wide x 2-1/8" high x 3-15/16" long overall	For Antenna Loop											
0-606	Gear assembly: consisting of laminated phenolic gear and aluminum hub, 0.750" pitch diameter 0.7916" O.D., 36 teeth, 48 pitch diameter, 14-1/2° pressure angle, 0.843" diam. x 3/8" long overall, bore 0.1877" diam., one hole tapped #4-40 thread, other hole 0.063" diam.	For 0-605											
0-607	Gear: miter, stainless steel, 48 pitch, 18 teeth 0.3750" pitch diam., pressure angle 14-1/2°, 21/64" long, bore 0.1875", one hole tapped #4-40 thread, other hole 0.047" diam.	Antenna Loop Drive Bevel											
0-608	Same as E-110F	For 0-605											

TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DNG. AND PART NO.	ALL. SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS			
										EQUIP. QUAN.	BOX NO.	TENDER STOCK	NAVY STOCK
RECEIVER TRANSMITTER CRV-43067 (AS-205415) (Continued)													
O-609	Not Used												
O-610	Gear: pinion, stainless steel, 48 pitch 12 teeth, 0.2500" pitch diam., 14-1/2" pressure angle, 3/16" face, 0.2016" O.D. x 1.270" long overall	For Selector Drive		224878-125		508	889841-1	O-610	1				
O-611	Gear: stainless steel, 48 pitch, 36 teeth, 0.750" pitch diam., 14-1/2" pressure angle, 1/8" face, 0.7916" O.D. x 11/32" thick overall, bore 0.1875" diam., tapped hole #4-40 thread for setscrew and other hole 0.063" diam.	For Selector Drive Motor		224878-124		1	889843-1	O-611	1				
O-612	Cap: brush holder, brass, 7/64" long x 0.203" diam., 1/4"-32 thread, slot in top 1/32" wide x 1/32" deep	For Blower Motor B-603		38683-40		1172 1235	887560-1	O-612	1	2	2	4	
P-101	Connector: male contact, 1 pin contact, straight, 0.485" diam. x 1.655" long overall	V-103 P.A. Output Cable	AN UG 85/U RE 49F 243	227390-85		699	719230-2	P-101, 102, 103, 104, 105, 201	6				
P-102	Same as P-101	V-102 Input Cable	AN UG 85/U										
P-103	Same as P-101	Antenna Input Cable	AN UG 85/U										
P-104	Same as P-101	Receiver Antenna Cable	AN UG 85/U										
P-105	Same as P-101	P.A. Output Cable	AN UG 85/U										
P-106	Connector: female contact, three contacts, for #16 wire, 1-15/32" O.D. x 2-1/8" long, 1-3/16"-18 threads one end, key position #1	Modulator to Receiver- Transmitter Cable	AN 3106 20- 6S AN WC591	227226-1242		1	433957-1	P-106, 107	2				
P-107	Same as P-106	Modulator to Receiver- Transmitter Cable	AN 3106 20										
P-201	Same as P-101	Receiver Input	AN UG 85/U										
R-101	Resistor: fixed, composition, 5600 ohms 1/2W, 1 watt, 9/16" long x 7/32" diam., two axial wire leads 1-1/2" long	V-101 Grid Leak	JAN RC308P- 562K	3RC308P562K		722 YFB GB	90496-71	R-101	1	1	1	3	
R-102	Resistor: fixed, composition, 25,000 ohms 1/2W, 1 watt, 9/16" long x 7/32" diam., two axial wire leads 1-1/2" long	V-101 Grid to Grid Shunt	JAN RC308P- 153K	3RC308P153K		722 Type GB	90496-76	R-102	1	1	1	3	

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT																				
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AMS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	SPARE PARTS											
									TOTAL NO. PER EQUIP.	BOX NO. ON EQUIP.	BOX NO. ON TENDER	BOX NO. ON STOCK	INVOICED ON STOCK							
RECEIVER, TRANSMITTER CRV-43067 (AS-205415) (Continued)																				
R-103	Resistor: fixed, composition, 150 ohms ±5%, 5 watt, vitreous enamel covered, fired on ceramic coil and grooved 2" long x 5/8" diam., two radial leads 1-3/4" long	V-101 Cathode	-633036-5 JAN R-11		326015-83	738 Type 5X	891832-13	R-103	1	1	1	1	1	1	1	1	1	1	1	1
R-104	Resistor: fixed, composition, 10,000 ohms ±5%, 5 watt, 2" long max. x 5/8" diam. max., two radial wire leads 1-3/4" long	V-101 Screen	-633032-5 JAN R-11		326610-275	738 Type 5X	891832-5	R-104, 107	2	1	1	1	1	1	1	1	1	1	1	1
R-105	Resistor: fixed, wire wound, insulated, 1.51 ohms ±2%, 1/4 watt, 3/8" long x 11/64" diam., two axial wire leads 1-1/2" long, temp. coef. 0.002% per deg. C.	V-101 Meter Shunt	-634710-2		325991E5-2	1371 Type MRI-1/4	894379-1	R-105	1	1	1	1	1	1	1	1	1	1	1	1
R-106	Resistor: fixed, composition, 250 ohms ±5%, 5 watt, vitreous enamel covered, fired on ceramic coil and grooved 2" long x 5/8" diam., two radial leads 1-3/4" long	V-103 Grid Leak	-634737-5		326050-190	738 Type 5X	891832-21	R-106	1	1	1	1	1	1	1	1	1	1	1	1
R-107	Same as R-104	V-102 Grid Leak	-633032-5		326010-275			R-108, 109	2	1	1	1	1	1	1	1	1	1	1	1
R-108	Resistor: fixed, wire wound, insulated, 3.03 ohms ±2%, 1/4 watt, 3/8" long x 11/64" diam., two wire axial leads 1-1/2" long, temp. coef. 0.002% per deg. C.	V-102 Meter Shunt	-634711-2		325993-53	1371 Type MRI-1/4	894379-2	R-108, 109	2	1	1	1	1	1	1	1	1	1	1	1
R-109	Same as R-108	V-103 Meter Shunt	-634711-2		325993-53			R-110	1	1	1	1	1	1	1	1	1	1	1	1
R-110	Resistor: fixed, wire wound, insulated, 15.76 ohms ±2%, 1/4 watt, 3/8" long x 11/64" diam., two axial wire leads 1-1/2" long, temp. coef. 0.002% per deg. C.	V-102 Meter Shunt	-634712-2		326001E5-56	1371 MRI-1/4	894379-5	R-110	1	1	1	1	1	1	1	1	1	1	1	1
R-111	Not Used																			
R-112	Resistor: fixed, wire wound, insulated, 6.12 ohms ±2%, 1/4 watt, 3/8" long x 11/64" diam., two axial wire leads 1-1/2" long, temp. coef. 0.002% per deg. C.	V-103 Meter Shunt	-634713-2		325996A-1	1371 MRI-1/4	894379-4	R-112	1	1	1	1	1	1	1	1	1	1	1	1
R-113	Not Used																			
R-114	Not Used																			

TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

PARTS

SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR IS DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS				
										BOX NO.	QUAN.	BOX NO.	TENDER STOCK	
RECEIVER TRANSMITTER CRV-43087 (AS-295419) (Continued)														
R-115	Resistor: fixed, composition, 56 ohms 110%, 2 watts, 1.4" long max. x 0.405" diam. max., two axial wire leads 1-1/2" long	Bias Supply Voltage Divider	JAN RC40BF- 560K JAN R-11	3RC40BF560K	795	722352-47	R-115	1	1	1	1	3	4	5
R-116	Resistor: fixed, composition, 150 ohms 110%, 2 watts, 1.4" long max. x 0.405" diam. max., two axial wire leads 1-1/2" long	Bias Supply Voltage Divider	JAN RC40BF- 151K JAN R-11	3RC40BF151K	795	722352-52	R-116	1	1	1	1	3	4	5
R-201	Resistor: fixed, composition, 56,000 ohms 110%, 1/2 watt, insulated, small, 0.468" long max. x 0.249" diam. max., two axial wire leads 1-1/2" long	V-201 Grid Filter	JAN RC20BF- 563K JAN R-11	3RC20BF563K	1 722	722318-83	R-201, 301, 420	3	1	2	1	9	4	15
R-202	Resistor: fixed, composition, 3300 ohms 110%, 1/2 watt, insulated, small, 0.468" long max. x 0.249" diam. max., two axial wire leads 1.5" long	V-201 Grid	JAN RC20BF- 332K JAN R-11	3RC20BF332K	722	722318-68	R-202	1	1	1	1	3	4	5
R-203	Resistor: fixed, composition, 56,000 ohms 110%, 1 watt, insulated, small, 0.750" long max. x 0.260" diam. max., two axial wire leads 1.5" long	V-201 Screen Dropping	JAN RC30BF- 563K JAN R-11	3RC30BF563K	722	722335-83	R-203	1	1	1	1	3	4	5
R-204	Resistor: fixed, composition, 1500 ohms 110%, 1/2 watt, insulated, small, 0.468" long max. x 0.249" diam. max., two axial wire leads 1.5" long	V-201 Plate	JAN RC20BF- 152K JAN R-11	3RC20BF152K	722	722318-64	R-204, 320, 405	3	1	2	1	9	4	15
R-205	Resistor: fixed, composition, 0.22 meg- ohm 110%, 1/2 watt, insulated, small, 0.468" long max. x 0.249" diam. max., two axial wire leads 1-1/2" long	V-202 Grid Filter	JAN RC20BF- 222K JAN R-11	3RC20BF222K	722	722318-90	R-205, 206, 322, 403, 409, 705	6	1	3	1	18	4	30
R-206	Same as R-205	V-202 Grid	JAN RC20BF- 222K JAN R-11	3RC20BF222K	722	722318-80	R-207, 506	2	1	1	1	6	4	10
R-207	Resistor: fixed, composition, 33,000 ohms 110%, 1/2 watt, insulated, small, 0.468" long max. x 0.249" diam. max., two axial wire leads 1.5" long	V-202 Grid	JAN RC20BF- 333K JAN R-11	3RC20BF333K	722	722318-92	R-208, 711	2	1	1	1	6	4	10
R-208	Resistor: fixed, composition, 0.33 megohm 110%, 1/2 watt, insulated, small, 0.468" long max. x 0.249" diam. max., two axial wire leads 1.5" long	V-202 Screen Dropping	JAN RC20BF- 333K JAN R-11	3RC20BF333K	722	722318-92	R-208, 711	2	1	1	1	6	4	10

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TABLE 9-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT															
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AVS. JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	SPARE PARTS						
									TOTAL NO. PER EQUIP.	EQUIP. NO.	TENDER NO.	STOCK NO.			
RECEIVER TRANSMITTER CRY. 43067 (AS-265415) (Continued)															
R-209	Resistor: fixed, composition, 10,000 ohms ±10%, one watt, insulated, small, 0.750" long max. x 0.280" diam. max., two axial wire leads 1.5" long	V-203 Plate Shunt	JAN RC20BF- 103K JAN R-11		3RC20BF103K	722	722333-74	R-209,213	1	1	1	1	4	10	
R-210	Resistor: fixed, composition, 270 ohms ±10%, 1/2 watt, insulated, small, 0.468" long max. x 0.249" diam. max., two axial wire leads 1.5" long	V-201 Cathode	JAN RC20BF- 271K JAN R-11		3RC20BF271K	722	722318-55	R-210,212,303, 307,311,314	6	1	3	1	18	4	30
R-211	Resistor: fixed, composition, 1000 ohms ±10%, 1/2 watt, insulated, small, 0.468" long max. x 0.249" diam. max., two axial wire leads 1.5" long	V-202 Cathode	JAN RC20BF- 103K JAN R-11		3RC20BF103K	722	722318-62	R-211	1	1	1	1	3	4	5
R-212	Same as R-210	V-203 Cathode	JAN RC20BF- 271K		3RC20BF271K										
R-213	Same as R-209	V-202 Plate Shunt	JAN RC20BF- 103K		3RC20BF103K										
R-301	Same as R-201	Z-301 Plate Filter	JAN RC20BF- 563K		3RC20BF563K										
R-302	Resistor: fixed, composition, 0.10 megohm ±10%, 1/2 watt, insulated, small, 0.468" long max. x 0.249" diam. max., two axial wire leads 1.5" long	V-301 Grid Filter	JAN RC20BF- 104K JAN R-11		3RC20BF104K	722	722318-86	R-302,306,310, 401,402,413	6	1	3	1	18	4	30
R-303	Same as R-210	V-301 Cathode	JAN RC20BF- 271K		3RC20BF271K										
R-304	Resistor: fixed, composition, 2200 ohms ±10%, 1/2 watt, insulated, small, 0.468" long max. x 0.249" diam. max., two axial wire leads 1.5" long	V-301 Screen Dropping	JAN RC20BF- 222K JAN R-11		3RC20BF222K	722	722318-66	R-304,305,308, 309,312,313, 315,316,408, 509	10	1	5	1	30	4	50
R-305	Same as R-304	V-301 Plate Dropping	JAN RC20BF- 222K		3RC20BF222K										
R-306	Same as R-302	V-302 Grid Filter	JAN RC20BF- 104K		3RC20BF104K										
R-307	Same as R-210	V-302 Cathode	JAN RC20BF- 271K		3RC20BF271K										
R-308	Same as R-304	V-302 Screen Dropping	JAN RC20BF- 222K		3RC20BF222K										
R-309	Same as R-304	V-302 Plate Dropping	JAN RC20BF- 222K		3RC20BF222K										
R-310	Same as R-302	V-303 Grid Filter	JAN RC20BF- 104K		3RC20BF104K										
R-311	Same as R-210	V-303 Cathode	JAN RC20BF- 271K		3RC20BF271K										
R-312	Same as R-304	V-303 Screen Dropping	JAN RC20BF- 222K		3RC20BF222K										

TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AVS. JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	SPARE PARTS						
									EQUIP. BOX NO.	TENDER BOX NO.	STOCK BOX NO.	STOCK BOX NO.			
RECEIVER TRANSMITTER CRV-43087 (AS-2C8416) (Continued)															
R-313	Same as R-304	V-303 Plate Dropping	JAN RCaoBF-222k	3RCaoBF222k											
R-314	Same as R-210	V-304 Cathode	JAN RCaoBF-271k	3RCaoBF271k											
R-315	Same as R-304	V-304 Screen Dropping	JAN RCaoBF-222k	3RCaoBF222k											
R-316	Same as R-304	V-304 Plate Dropping	JAN RCaoBF-222k	3RCaoBF222k											
R-317	Resistor: fixed, composition, 0.47 megohms, 1/2 watt, insulated, small, 0.468" long max. x 0.249" diam. max., two axial wire leads 1.5" long	V-305 A.V.C. Filter	JAN RCaoBF-474k JAN R-11	3RCaoBF474k	722	722318-94		R-317, 318, 404, 416, 512	5	1	3	1	15	4	25
R-318	Same as R-317	V-305 A.V.C. Filter	JAN RCaoBF-474k	3RCaoBF474k											
R-319	Resistor: fixed, wire wound, insulated, 33.33 ohms 1/2, 1/4 watt, 3/8" long x 11/64" diam., two axial wire leads 1-1/2" long, temp. coef. 0.002% per deg. C.	V-303 Meter Shunt	-63524-2	326003C3-17	1371 Type WRI-1/4	894379-6		R-319	1	1	1	1	3	4	5
R-320	Same as R-304	V-304 Plate Dropping	JAN RCaoBF-152k	3RCaoBF152k											
R-321	Resistor: fixed, composition, 470 ohms 1/2, 1/2 watt, insulated, small, 0.468" long max. x 0.249" diam. max., two axial wire leads 1.5" long	V-301, 302 Plate Dropping	JAN RCaoBF-471k JAN R-11	3RCaoBF471k	207	722318-58		R-321	1	1	1	1	3	4	5
R-322	Same as R-305	V-305 Cathode	JAN RCaoBF-224k	3RCaoBF224k											
R-323	Resistor: fixed, composition, 10,000 ohms 1/2, 1/2 watt, insulated, small, 0.468" long max. x 0.249" diam. max., two axial wire leads 1.5" long	V-201 A.V.C. Filter	JAN RCaoBF-103k JAN R-11	3RCaoBF103k	722	722318-74		R-323	1	1	1	1	3	4	5
R-324	Resistor: fixed, composition, 22,000 ohms 1/2, 1/2 watt, insulated, small, 0.468" long max. x 0.249" diam. max., two axial wire leads	V-301 Grid	JAN RCaoBF-223k JAN R-11	3RCaoBF223k	722	722318-78		R-324, 423	2	1	2	1	6	4	10
R-325	Resistor: variable, carbon, 1500 ohms 1/2, 2 watts, three terminals, body 1-1/8" diam. x 9/16" wide, shaft 0.250" diam. x 9/16" long	V-302 Bias Control	-63232-10	327315-8	722 Type J	430116-9		R-325	1	1	1	1	3	4	5
R-401	Same as R-302	V-305 Detector Load	JAN RCaoBF-104k	3RCaoBF104k											
R-402	Same as R-302	V-305 Detector Load	JAN RCaoBF-104k	3RCaoBF104k											

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT													
PARTS					SPARE PARTS								
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AVS JAN OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	BOX NO. EQUIP.	TENDER	STOCK ON BOX	NAVY NO.
RECEIVER TRANSMITTER CRV-43067 (AS-20541B) (Continued)													
R-403	Same as R-405	V-401 Filter	JAN RC20BF- 224K		3RC20BF224K								
R-404	Same as R-317	V-401 Filter	JAN RC20BF- 474K		3RC20BF474K								
R-405	Same as R-204	V-402 Bleeder	JAN RC20BF- 152K		3RC20BF152K	722	722318-08	R-406,407	2	1	1	6	4
R-406	Resistor: fixed, composition, 1.0 megohm 10%, 1/2 watt, insulated, small, 0.468" long max. x 0.249" diam. max., two axial wire leads 1.5" long	V-402 Squelech Grid	JAN RC20BF- 105K JAN R-11		3RC20BF105K								
R-407	Same as R-406	V-402 1st A.F. Grid	JAN RC20BF- 105K		3RC20BF105K								
R-408	Same as R-304	V-402 Cathode Dropping	JAN RC20BF- 222K		3RC20BF222K								
R-409	Same as R-205	V-402 Squelech Plate	JAN RC20BF- 224K		3RC20BF224K								
R-410	Not Used												
R-411	Resistor: fixed, composition, 15,000 ohms 10%, 5 watt, vitreous enamel covered, fired on ceramic coil, spiral grooved, 2" long x 5/8" diam., two radial wire leads 1-3/4" long	I.F. Plate Dropping	-634718-10 JAN R-11		3Z6615-154	738 Type 5X	891832-19	R-411	1	1	1	3	4
R-412	Resistor: fixed, composition, 4700 ohms 10%, 5 watt, vitreous enamel covered, fired on ceramic coil and grooved, 2" long x 5/8" diam., two radial wire leads 1-3/4" long	Bleeder	-633033-5 JAN R-11		3Z6470-33	738 Type 738	891832-6	R-412,415,422	3	1	2	1	9
R-413	Same as R-302	V-402 Plate	JAN RC20BF- 104K		3RC20BF104K								
R-414	Resistor: fixed, composition, 82,000 ohms 10%, 1/2 watt, insulated, small, 0.468" long max. x 0.249" diam. max., two axial wire leads 1.5" long	V-402 Plate Dropping	JAN RC20BF- 823K JAN R-11		3RC20BF823K	722	722318-85	R-414	1	1	1	3	4
R-415	Same as R-412	Bleeder	-633033-472		3Z6470-33								
R-416	Same as R-317	V-403 Grid	JAN RC20BF- 474K		3RC20BF474K								
R-417	Resistor: fixed, composition, 560 ohms 10%, 1 watt, insulated, small, 0.750" long max. x 0.280" diam. max., with two axial wire leads 1.5" long	V-403 Cathode	JAN RC30BF- 561K JAN R-11		3RC30BF561K	722	722333-59	R-417	1	1	1	3	4

TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT														
PARTS					SPARE PARTS									
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AMS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DNG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER UNIT	BOX NO. EQUIP.	QUAN. ON HAND	BOX NO. TENDER	QUAN. ON HAND	
RECEIVER TRANSMITTER CRV-48087 (AS-2088418) (Continued)														
R-518	Resistor: fixed, carbon, 6800 ohms $\pm 5\%$, 2 watt, insulated, 5/16" diam. x 11/16" lg, two axial wire leads 1-1/2" lg x 0.045" diam.	V-505 Plate Dropping	JAN RC40BF-682J (For Replacement use Allen Bradley Only)		326568-33	722 Type BB	99126-179	R-518, 523, 525 526	4	1	2	1	12	4
R-519	Resistor: fixed, composition, 18,000 ohms $\pm 5\%$, 1/2 watt, insulated, small, 0.468" long max. x 0.249" diam. max., two axial wire leads 1.5" long	V-505 Grid	JAN RC40BF-183J JAN R-11		3RC40BF183J	722	722318-189	R-519	1	1	1	1	3	4
R-520	Resistor: fixed, composition, 680 ohms $\pm 5\%$, 1/2 watt, insulated, small, 0.468" long max. x 0.249" diam. max., two axial wire leads 1.5" long	V-505 Cathode	JAN RC40BF-681J JAN R-11		3RC40BF681J	722	722318-155	R-520	1	1	1	1	3	4
R-521	Resistor: fixed, composition, 10,000 ohms $\pm 10\%$, 2 watt, insulated, small, 1.41" long max. x 0.405" diam. max., two axial wire leads 1.5" long	V-502 Plate Dropping	JAN RC40BF-103K JAN R-11		3RC40BF103K	321	722352-74	R-521, 522a	2	1	1	1	6	4
R-522	Same as R-521	V-502 Plate Dropping	JAN RC40BF-103K		3RC40BF103K									13
R-523	Same as R-518	V-503 Plate Dropping	JAN RC40BF-682J (For Replacement use Allen Bradley Only)		326568-33									
R-524	Not Used	Plate Dropping	JAN RC40BF-682J (For Replacement use Allen Bradley Only)		326568-33									
R-525	Same as R-518	V-503 Plate Dropping	JAN RC40BF-682J (For Replacement use Allen Bradley Only)		326568-33									
R-526	Same as R-518	Plate Filter, V-502	JAN RC40BF-681J (For Replacement use Allen Bradley Only)		3RC40BF470J	722 Type BB	99126-127	R-529	1	1	1	1	3	4
R-527	Same as R-504	Plate Dropping	JAN RC40BF-681J (For Replacement use Allen Bradley Only)											
R-528	Same as R-504	Filament Balance	JAN RC40BF-470J (For Replacement use Allen Bradley Only)											
R-529	Resistor: fixed, composition, 470 ohms $\pm 5\%$, 2 watt insulated, 11/16" lg x 5/16" diam, two axial wire leads 1-1/2" lg		JAN RC40BF-470J (For Replacement use Allen Bradley Only)											

TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT															
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DNG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	SPARE PARTS						
									PER EQUIP.	BOX NO.	QUAN.	BOX NO.	TENDER	STOCK	
RECEIVER TRANSMITTER CRV-43007 (AS-2C541B) (Continued)															
S-601A	Switch: rotor, 12 contacts, rotor blades coin silver, contacts spring silver, body of laminated phenolic 1-27/32" diam., rotor shaft hole 0.250" diam. x 0.187" flat	Homing			329825-82-29	451	430759-1	S-601A	1	1	1	2	1	4	1
S-601B	Switch: rotary selector, 12 positions, laminated phenolic, rotor blades coin silver, contacts spring silver, 1-1/2" diam. x 1.562" between mounting holes x 1-3/32" wide, shaft 0.249" diam. x 17/32" long	Selector			329825-82-27	451	433904-1	S-601B	1	1	1	2	1	4	1
S-602	Not Used														
S-603	Switch assembly: limiter, consisting of two plate assemblies, shaft assembly, gear assembly, switch arm assembly, disk assembly, arm assembly, clutch disk, clutch drive pinion, switch arm clamp gear collar, three springs, switch, clutch gear, and three studs	Limit			329903A-35.6	1	719690-501	S-603	1	1	1	2	1	4	1
S-603A	Switch: limit, single button, two lug terminals, 1-1/4" long x 19/32" wide x 1/2" high overall, three 0.093" diam. mounting holes on 0.260" x 0.156" centers	Limit (Part of S-603)	-24486		329824-29.14	1	892799-3	S-603A	1	1	1	2	1	4	1
V-101	Tube: electron, push-pull, RF beam power amplifier, 7-pin base	Intermediate PA	JAN 829B		2J829B	516		V-101	1	1	2	1	3		
V-102	Tube: electron, UHF transmitting triode, special type mounting	Tripler	JAN 2C39		2J2C39	246		V-102, 103	2	1	4	1	6		
V-103	Same as V-102	PA	JAN 2C39		2J2C39	516		V-201	1	1	2	1	3		
V-201	Tube: electron, midgeet remote cutoff pentode, miniature button 7-pin base	RF Receiver	JAN 9003		2J9003	669		V-202	1	1	2	1	3		
V-202	Tube: electron, sharp cutoff pentode, miniature button 7-pin base	1st Detector	JAN 6AK5		2J6AK5	516		V-203	1	1	2	1	3		
V-203	Tube: electron, HF twin triode, miniature button 7-pin base	Receiver Tripler	JAN 6J6		2J6J6	516		V-301, 302, 303, 304	4	1	8	1	12		
V-301	Tube: electron, RF, pentode, semi-remote cutoff, small wafer octal 8-pin phenolic base	1st IF	JAN 12SG7		2J12SG7	516									
V-302	Same as V-301	2nd IF	JAN 12SG7		2J12SG7										
V-303	Same as V-301	3rd IF	JAN 12SG7		2J12SG7										

TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS JAN. OR NAVY TYPE DESIGN.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIGN.	CONTRACTOR'S DNG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. OF PARTS	SPARE PARTS														
										BOX NO.	QUAN.	EQUIP. TENDER	STOCK	BOX NO.	QUAN.	STOCK	BOX NO.	QUAN.	STOCK					
RECEIVER TRANSMITTER CRV-43067 (AS-205415) (Continued)																								
V-304	Same as V-301	4th IP	JAN 12SG7		aJ12SG7																			
V-305	Tube: electron, twin diode, small wafer octal 7-pin phenolic base	2nd Detector AVC	JAN 12R6		aJ12R6	516		V-305,401	2	1	4	1	6											
V-401	Same as V-305	Voltmeter Rectifier, Noise Peak Limiter	JAN 12R6		aJ12R6																			
V-402	Tube: electron, twin triode high-mu amplifier, intermediate shell octal 8-pin phenolic base	1st AF Squelch	JAN 12SL7-GT		aJ12SL7-GT	516		V-402,701	2	1	4	1	6											
V-403	Tube: electron, beam power amplifier, small wafer octal 7-pin phenolic base	Receiver AF Output	JAN 12A6		aJ12A6	516		V-403	1	1	2	1	3											
V-501	Tube: electron, video power amplifier, pentode, small wafer octal 8-pin base	Converter	JAN 6AG7Y		aJ6AG7Y	516		V-501,504	2	1	4	1	6											
V-502	Tube: electron, HF power triode, miniature button 7-pin base	and Tripler	JAN 6C4		aJ6C4	516		V-502,503,505	3	1	6	1	9											
V-503	Same as V-502	1st Tripler	JAN 6C4		aJ6C4																			
V-504	Same as V-501	Oscillator Doubler	JAN 6AG7Y		aJ6AG7Y																			
V-505	Same as V-502	Oscillator	JAN 6C4		aJ6C4																			
W-101	Cable assembly: consisting of cable 8-1/2" bulk length, Type RG 58/U, with plug Type UG 85/U on each end, 10' long overall	PA Output	-62321		IF475-58.85	1	429699-502	W-101	1	1	1	2	1	3	2									
W-102	Cable assembly: consisting of cable 24" bulk length, Type RG 58/U, with jack Type UG 281/U on one end, 23-1/2" long overall	Antenna K-101	-62322		IF425-58.24	218	439521-501	W-102	1	1	1	2	1	3	2									
W-103	Cable assembly: consisting of cable 10-1/2" bulk length, Type RG 58/U, with plug Type UG 85/U on one end, 11-1/2" long overall	V-101 Input	-62323		IF425-58-10.25	1	429699-501	W-103	1	1	1	2	1	3	2									
W-104	Cable assembly: consisting of 3-conductor cable 22" long, each conductor AWG #16 black, green and red, copper shielding braid, vinylite cover, two AN 3106/20/68101W connectors, two waterproof clamp assemblies, and two soldering ferrules	Modulator to Transmitter	-62222		383157-35	1	722626-501	W-104	1	1	1	2	1	3	2									

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT															
PARTS					SPARE PARTS										
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	ANS, JAN, OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR IS DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER ROW	BOX NO. EQUIP.	QUAN.	BOX NO. TENDER.	QUAN.	BOX NO. STOCK	QUAN.
RECEIVER TRANSMITTER CRV-43067 (AS-2026415) (Continued)															
W-201	Cable assembly: coaxial, 24" long, AN Type UG 85/U connector on each end, black synthetic rubber composition grommet	Receiver Antenna	-63324		IP481-12.24	1	439521-502	W-201	1	1	1	1	1	1	1
W-201A	Cable: RP, coaxial, flexible impedance 53.5 to 5 ohms, single AWG #20 solid copper axial conductor, solid Type A dielectric, 0.116" diam. single tinned copper wire braid 0.150" diam., with black synthetic resin jacket 0.195" diam. x 48" long	Coaxial Transmission Line	AN RG 58/U JAN C-17		IP445-58	1	889506-124	W-201A	1	1	1	2	1	3	2
X-101	Socket: tube, mycalex, contacts beryllium copper, heavy silver-plated, five double contacts 2-3/4" sq. excluding the five terminals, 2-3/16" thick, ten holes 0.089" diam., and four holes 0.173" diam., arrow indicates key pin 1-9/32"	V-101 1st IPA	-49385		228680-11	277	871665-1	X-101	1	1	1	2	1	4	1
X-201	Socket: tube, miniature 7-pin type ceramic, with metallic center shield, seven contacts 1-1/8" x 0.900" x 1-9/32"	RF Receiver	-49956 JAN S-28		228677-75	755 Type 102M	883996-1	X-201, 202, 203, 502, 503, 505	6	1	3	2	3	4	6
X-202	Same as X-201	Receiver Detector	-49956		228677-75										
X-203	Same as X-201	Receiver Tripler	-49956		228677-75										
X-301	Socket: steatite ceramic, one #4 retaining ring, eight contacts phosphor bronze, silver-plated, 1-1/4" diam. x 51/64" long	1st IF	-49373 RE13A317 Grade G		228678-34	30 SS8M	856956-6	X-301, 302, 303, 304, 305, 401, 402, 403, 501, 504, 505, 701, 702, 703	14	1	7	2	7	4	14
X-302	Same as X-301	and IF	-49373		228678-34										
X-303	Same as X-301	3rd IF	-49373		228678-34										
X-304	Same as X-301	4th IF	-49373		228678-34										
X-305	Same as X-301	AFC Detector	-49373		228678-34										
X-401	Same as X-301	Meter, Rectifier Noise Suppressor	-49373		228678-34										
X-402	Same as X-301	1st AF Squealch	-49373		228678-34										

TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT																				
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR IS DESIG.	CONTRACTOR'S DNG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	SPARE PARTS											
									TOTAL NO. PER EQUIP.	BOX NO.	EQUIP.	TENDER	STOCK							
RECEIVER TRANSMITTER CRV-49097 (AS-2CS418) (Continued)																				
Y-501B to Y-510B	Box (Navy Type No. -10527) containing 100 crystal units (Navy Type No. -40163)	Comprises of a Spare for Each of the 100 Crystals Supplied in the Equipment and Accessories (Spares for Y-501 to Y-510)				Govt. Supplied			1	1										
Y-511	Crystal unit: third harmonic crystal for 10066.7 KC. max. deviation 0.012 o/o for temp range 0 to 85°C., hermetically sealed in holder 1-1/4" high x 1-5/32" wide x 7/16" thick, two terminal pins 5/8" long x 1/8" diam.	Mixer	-40177		2X501-10066.7	1 RC 1A	888544-1	Y-511	1	1	2	1	4	2						
Z-100A	IRP amplifier assembly: consisting of one tube housing, two condenser assemblies, two variable capacitors, one tube socket, one ailing, two connector assemblies, three capacitors, four gear assemblies, one spur gear, one shaft, two shields, one shoulder screw, one stud, three taper pins, two ball bearings and hardware	Amplifier	-50284		2C332	1	618542-501	Z-100A	1	1	1	1	5	2						
Z-100B	Tripler assembly: consisting of one box three plates, one tube, one connector, two disk and one stator plate, one rotor plate, one loop, one bracket and one lock assemblies, with capacitors C-105, 106, 107, 108, 112, 113, coils L-107 and L-108, also miscellaneous insulators and hardware	Assembly	-50285		2C768	1	888189-501	Z-100B	1	1	1	1	5	2						
Z-100C	Amplifier power assembly: consisting of one box, one tube, two connector, one disk, two plates, one spring, one stator plate, one rotor plate, and one lock assemblies, with capacitors C-115, 119, 120 coils, L-110, 111, 112, also miscellaneous insulators and hardware	Assembly	-50286		2C331	1	888188-501	Z-100C	1	1	1	1	5	2						
Z-101	Suppressor assembly: 680 ohms, 1 watt, resistor 9/16" long, with 15 turns AWG #28 DC wire centered on resistor, two axial wire leads 1-1/2" long and 103 Not Used	V-101 Plate			3Z1891-11.7	1	895045-501	Z-101	1	1	1	3	5	2						
Z-102	Connector assembly: jack filter for receiver power, consisting of connector housing and three High K capacitors 55 mmf 250v, 500 v d.c. W	Modulation Input	-482979A		2Z3023-41	1	442840-1	Z-104, 705	2	1	1	2	5	2						
Z-105	Connector assembly: jack filter for receiver power, consisting of connector housing and seven High K type capacitors 1800 mmf 250v, 500 v d.c. W	Receiver-Transmitter Power Input	-482980A		2Z3029-22	1	443889-1	Z-105, 803, 805	3	1	1	2	5	2						

TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT														
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS				
										BOX NO.	QUAN.	EQUIP.	TENDER	STOCK
MODULATOR DYNAMOTOR CRV-60248 (AS-2C2519-700)														
A-701	Not Used								4	1	1	1	1	4
A-702	Mount: vibration, square, 3 lb. load rating at 1/16" deflection, 1-1/4" square x 13/32" thick, four 0.141" diam. mounting holes on 1" centers, 0.166" diam hole thru center	Lord Mounting			228402-35	371 Cat. # 100PM3	429667-3	A-702	4	1	1	1	1	4
C-701	Capacitor: fixed, molded mica, 5600 mmf ±10%, 500 v d.c. w, 53/64" sq. x 11/32" thick, two axial wire leads 1-1/8" long	V-701 Grid Coupling	JAN CM35D-562K JAN C-5	3K3556241	203	722030-557	C-701, 704, 707, 709, 721	5	1	1	2	3	1	5
C-702	Capacitor: fixed, molded mica, 4700 mmf ±10%, 300 v d.c. w, 53/64" sq. x 11/32" thick, two axial wire leads 1-1/8" long	V-701 Grid Coupling	JAN CM35D-472K JAN C-5	3K3547241	203	722030-555	C-702, 705, 708, 710, 730	5	1	1	2	3	1	5
C-703	Capacitor: fixed, paper, 1 mf, 500 v d.c. w, metal case, hermetically sealed, pyranol oil filled, 2-9/16" wide x 13/16" deep x 2-9/16" long, with mounting plate notched 1-15/16" between centers, two terminal soldering lugs	V-701 Plate Bypass	-48185a	3DB1-105	246 Cat. # 23Pa070a	889896-2	C-703, 711, 712, 801, 802, 803, 811	7	1	4	2	11	1	18
C-704	Same as C-701	V-702 Grid Coupling	JAN CM35D-562K	3K3556241										
C-705	Same as C-702	V-702 Grid Coupling	JAN CM35D-472K	3K3547241										
C-706	Same as C-329	MCW Oscillator Tuning	-484625-20	3DA20-74										
C-707	Same as C-701	V-701 Phase Inverter Grid Coupling	JAN CM35D-562K	3K3556241										
C-708	Same as C-702	V-701 Phase Inverter Grid Coupling	JAN CM35D-472K	3K3547241										
C-709	Same as C-701	V-703 Grid Coupling	JAN CM35D-562K	3K3556241										
C-710	Same as C-702	V-703 Grid Coupling	JAN CM35D-472K	3K3547241										
C-711	Same as C-703	V-702 Screen Bypass	-48185a	3DB1-105										
C-712	Same as C-703	V-702 Screen Bypass	-48185a	3DB1-105										
C-713, 714	Not Used													

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT															
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	ANS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. MFR'S DESIG. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS					
										BOX NO.	QUAN.	BOX NO.	QUAN.		
MODULATOR DYNAMOTOR CRV-50248 (AS-262519-700)															
C-715	Capacitor: dry electrolytic, 50 mf +65% -10%, 25 v d.c. w, 1-17/32" long x 11/16" diam., two axial wire leads 3" long	Bias Bypass	-482804 RB134549 R648404		3DB50-18	382	95638-1	C-715, 716, 717, 718, 733	5	1	7	2	15	1	15
C-716	Same as C-715	Microphone Coupling	-482804		3DB50-18										
C-717	Same as C-715	Relay Bypass	-482804		3DB50-18										
C-718	Same as C-715	Relay Bypass	-482804		3DB50-18										
C-719, 720	Not Used														
C-721	Same as C-701	Line Coupling	JAN CM35D- 562K		3K5556241										
C-722 to 725	Not Used														
C-726	Same as C-329	MCW Oscillator Tuning	-482625-20		3DA20-74										
C-727 to 729	Not Used														
C-730	Same as C-702	V-730 Line Coupling	JAN CM35D- 472K		3K5547241										
C-731	Capacitor: fixed, molded mica, 1000 mf ±5%, 500 v d.c. w, 53/64" sq. x 9/32" thick, two axial wire leads 1-1/8" long	V-702 Grid Shunt	JAN CM30B- 102J JAN C-5		3K3010222	203	722018-509	C-731, 732	2	1	1	2	1	1	2
C-732	Same as C-731	V-703 Grid Shunt	JAN CM30B- 102J		3K3010222										
C-733	Same as C-715	V-701 Cathode Bypass	-482804		3DB50-18										
C-734	Capacitor: fixed, mica, 330 mf ±10%, 500 v d.c. w, 51/64" max lg x 15/32" max wd x 7/32" max thk, two wire leads 1-1/8" min lg	Bypass	JAN CM20B- 331K		3K4033121	382	722001-585	C-734	1	1	2	1	1	1	1
C-801	Same as C-703	Dynamotor Filter	-481852		3DB1-105										
C-802	Same as C-703	Dynamotor Filter	-481852		3DB1-105										
C-803	Same as C-703	Dynamotor Filter	-481852		3DB1-105										

**TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT**

SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. MFR'S DESIG	CONTRACTOR'S DNG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO PER EQUIP.	SPARE PARTS										
										BOX NO.	QUAN.	BOX NO.	QUAN.	EQUIP. TENDER	STOCK					
MODULATOR DYNAMOTOR CRV-80248 (AS-2C2519-700)																				
C-804	Capacitor: fixed, molded mica, 1500 mmf 110 μ , 500 v d.c. w, 53/64" sq. x 9/32" thick, 1-1/8" axial wire leads	Dynamotor	JAN CW90A- 152K JAN C-5		3K3015211	203	722016-563	C-804, 805, 808, 813	4	1	1	2	2	3	1	4				
C-805	Capacitor: fixed, molded mica, 8200 mmf 110 μ , 300 v d.c. w, 53/64" sq. x 11/32" thick, two axial wire leads, 1-1/8" long	Dynamotor Filter	JAN CW95A- 822K JAN C-5		3K3582211	203	722025-561	C-805, 810	2	1	1	2	2	2	1	3				
C-806	Same as C-804	Dynamotor	JAN CW90A- 152K		3DA500-474															
C-807A	Capacitor: fixed, paper, two sections: each 0.5 mf, 300 v d.c. w, metal case, pyranol oil filled, 2-9/16" long over- all x 2-5/16" wide x 13/16" thick mounting plates, slotted holes, 1-15/16" on centers, two terminals, soldering lugs; for replacement use Navy type -482625-20	Filter for D-801	-482320		3DA500-474	246 Cat. # 23F280-66	889896-1	C-807A&B	2	1	1	2	2	2	1	2				
C-807B	Same as C-807A	Filter Capacitor for D-801	-482328		3DA500-474															
C-808	Same as C-804	Dynamotor	JAN CW90A- 152K		3K3015211															
C-809	Not used																			
C-810	Same as C-805	Dynamotor Filter	JAN CW95A- 822K		3K5382211															
C-811	Same as C-703	Dynamotor Filter	-481852		3DB1-105															
C-812	Same as C-109	Battery Plug Filter	-482814-10		3DA2-400-12															
C-813	Same as C-804	Dynamotor	JAN CW90A- 152K		3K3015211															
D-801	Dynamotor: input, 13 v d.c., output 385 v d.c. at 500 ma, 8-5/16" long max. x 3-7/16" diam., four leads: pos input white, neg input white-black tracer, pos output white-red tracer, neg output white-blue tracer	Dynamotor	-211483 AWS C75-13		3H1514-27	670	719697-1	D-801	1	1	1	1	2	2	2	3				
D-801A	Brush and spring assembly: 9/16" long x 0.373" sq., spring 11 turns #24 BC wire formed 0.306" O.D. x 1-19/32" free length, marked "positive"	Low Voltage, Positive, for D-801			3H550-26	670	889584-2	D-801A	1	1	5	1	10	2	20					

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT														
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWC. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS				
										BOX NO.	QUAN.	EQUIP. TENDER	STOCK	
MODULATOR DYNAMOTOR CRV-80248 (AS-202519-700)														
D-801R	Brush and spring assembly: 9/16" long x 0.373" sq., spring 11 turns #24 BC wire formed 0.306" O.D. x 1-19/32" free length, marked "negative"	Low Voltage for D-801			3f550-26	670	889584-3	D-801R	1	1	1	1	2	20
D-801C	Brush and spring assembly: 1/2" long x 0.248" wide x 0.092" thick, spring 32 turns #28 BC wire formed 0.181" O.D. x 1-45/64" free length, marked "positive"	High Voltage, for D-801			34550-27	670	889584-4	D-801C	1	1	1	1	2	20
D-801D	Brush and spring assembly: 1/2" long x 0.248" wide x 0.093" thick, spring 32 turns #28 BC wire formed 0.181" O.D. x 1-45/64" free length, marked "negative"	High Voltage, for D-801			34550-27	670	889584-5	D-801D	1	1	1	1	2	20
D-801E	Wheel: blower, 0.312" thick x approx. 3-1/8" diam, 0.2360" bore diam., two #6-32 tapped holes in hub	For D-801			3f370-2-9	670	889589-1	D-801E	1	1	1	1	2	3
E-701	Terminal board assembly: consisting of terminal board 1/8" thick, glass base, melamine laminate, 1-5/16" wide x 2-5/16" long, two screw type binding posts, one terminal, and miscellaneous hardware, terminal board marked "line 1", "2", and "Gnd"	Dynamotor Input	17P5		269402.353	1	887239-502	E-701	1					
E-702	Same as E-601	Knob R-720			225821-88									
E-703	Terminal board assembly: six brass post type terminals, two resistors R-713, 721 and four capacitors C-715, 716, 702, 701, also one brass bushing, board 3/32" thick, glass base, melamine laminate, 5" long x 2" wide x 1.118" deep overall, three 0.199" diam. mounting holes on 2-5/8" x 1-1/2" centers	Modulator	17P5			150	722620-501	E-703	1					
E-704	Terminal board assembly: 18 brass post type terminals, eight resistors R-706, 709, 711, 710, 712, 704, 714, 707, and 12 capacitors C-704, 707, 709, 721, 705, 708, 710, 730, 717, 718, 706, 726, board 3/32" thick, glass base, melamine laminate, 7-5/8" long x 2-1/2" wide x 1.415" deep overall, two aluminum mounting brackets, four 0.136" diam. mounting holes on 4.062" x 1-1/2" centers	Modulator	17P5			150	722624-501	E-704	1					

TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS					
										BOX NO.	QUAN.	EQUIP. TENDER	STOCK		
MODULATOR DYNAMOTOR CRV-50248 (AS-2C2519-700)															
E-801	Fuse board assembly: consisting of fuse board, material U.S.N. grade GNG brown, 3-1/4" long x 1-3/8" wide x 3/8" thick, three mounting holes 0.199" diam., two bronze fuse clips, two copper terminals stenciled P-801	Dynamotor			3Z3a82-38	1	889858-501	B-801	1	1	1	1	1	1	1
E-802	Board, terminal: black molded bakelite 1-5/8" long x 1-1/8" wide x 1/2" thick, four 0.173" diam. holes on 1-5/16" x 7/16" centers	Dynamotor			2Z9402.44	1 Cat.#2 141	430313-1	B-802	1						
E-803	Terminal board assembly: ten brass post type terminals, one resistor R-802, four capacitors C-805, 810, 806, 808, two choke coils L-802, 803, and lead assembly, ground board 3/32" thick, glass base, melamine laminate, 6-1/8" long x 2" wide x 1-3/32" deep overall, two 0.199" diam. mounting holes on 5-5/8" centers	Dynamotor	17Ps			150	722668-501	B-803	1						
E-804	Terminal board assembly: three copper lug terminals, nine brass post type terminals, two suppressor assemblies Z-801, 802, each consisting of one resistor and one coil, two capacitors C-813, 804, and one resistor R-726, also a lead assembly ground, three brass bushings, and one brass link, board 3/32" thick glass base, melamine laminate, 6-7/16" long x 2" wide x 1.280" deep overall, three 0.199" diam. mounting holes on 5-3/4" x 1-1/4" centers	Dynamotor	17Ps			150	722613-501	B-804	1						
P-801	Fuse: 40 amp., 250 V, cartridge type, for ferrule contact mounting 13/13/16" diam. x 3" long	Battery			3Z2640.7	768	844896-2	P-801	1						
P-802	Fuse: cartridge, 1 amp., 250 V, glass body, ferrule 1/4" diam. x 1-1/4" long	High Voltage Dynamotor	17PaE		3Z1926	768 3AG1 784 1040	811485-14	P-802	1	1	20	1	40	4	100
P-802A	Clip: fuse, phosphor bronze, nickel-plated, 5/16" long x 11/32" wide x 29/64" high, mounting hole 0.131" diam., for use with 1/4" diam. fuse	High Voltage Dynamotor			3Z1011	784 1011	99045-1	P-802A	1	1	2	1	2	4	2

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT																	
PARTS					SPARE PARTS												
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AMS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DNG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	BOX NO. EQUIP.	BOX NO. TENDER	STOCK NO.	QUAN.	QUAN.	QUAN.	QUAN.	
MODULATOR DYNAMOTOR CRV-50248 (AS-2CB519-700)																	
H-701	Gasket: molded neoprene, durometer 35±3* rectangular 11.457" long x 7.707" wide outside, 10.801" long x 7.051" wide inside, 21/64" thick	Modulator Panel			224867-397	1	433538-2	H-701	1	1	1	1	1	1	1	1	4
H-702	Gasket: molded neoprene, durometer 35±3*, rectangular 11.468" long x 7.718" wide outside, 10.500" long x 6.750" wide inside, 3/8" thick	Modulator Cover			224867-398	1	433538-4	H-702	1	1	1	1	1	1	1	1	4
H-703	Gasket: molded neoprene, durometer 35±3*, rectangular 7.710" long x 6.788" wide outside, 7.054" long x 6.132" wide inside, 3/8" thick	Modulator Accessory Compartment Cover			224868-394	1	433538-6	H-703	1	1	1	1	1	1	1	1	4
H-704	Boot: neoprene, black, durometer approx. 40, 1-1/2" wide x 3" long x 1-9/16" high, 3/16" diam. mounting hole each corner spaced 1" x 2-1/2" apart	Switch S-702			621007	753	433567-1	H-704, 705, 801	3	1	3	2	6	2	12		
H-705	Same as H-704	Switch S-703			621007												
H-706	Not Used	Neoprene, Water Sealing, Z-702			228273-12												
H-707	Same as H-109	Neoprene, Water Sealing, Z-703			228273-12												
H-708	Same as H-109	Clamp for X-701			222639-72												
H-709	Same as H-513	X-701 Socket Mounting			624919-11	494	886896-1	H-710	3								3
H-710	Grommet: neoprene, durometer 35, 1-21/32" O.D. x 1-11/32" I.D. x 11/32" thick	Water Sealing, Outer, for Z-701			228273-8												
H-711	Same as H-429	Water Sealing, Outer, for Z-702			228273-8												
H-712	Same as H-429				228273-8												

TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

PARTS										SPARE PARTS					
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	BOX NO.	QUAN.	BOX NO.	QUAN.	BOX NO.	QUAN.
MODULATOR DYNAMOTOR CRV-50246 (AS-2C2619-700)															
H-713	Same as H-429	Water Sealing, Outer, for Z-703			2Z8273-8				1		1				
H-714	Washer: neoprene, durometer 50 to 55, cross section 3/32" diam., 1-33/64" O.D. x 1-21/64" I.D.	Water Sealing			2Z8273-12	1	887824-18	H-714	1		1				
H-715	Same as H-118	Water Sealing			2Z8273-9										
H-716	Same as H-119	Water Sealing			2Z8273-11										
H-717	Same as H-120	Water Sealing			2Z8273-10										
H-801	Same as H-704	Switch S-801			6Z1007										
H-802	Cap assembly: consisting of one amphenol cap and 3" #10 nickel silver bead chain, cap 1-3/8" diam. x 7/16" wide, similar to amphenol cap and chain 9760-20, tapped with 1-1/4"-18 threads including one neoprene washer 3/32" thick	Jack Z-804			2Z1612	701	433921-1	H-802	1						
H-803	Cap assembly: consisting of one amphenol cap and 3" #10 nickel silver bead chain, cap 1-1/2" diam. x 7/16" wide, similar to amphenol cap and chain 9760-22, tapped with 1-3/8"-18 threads, including one neoprene washer 3/32" thick	Jack Z-803			2Z1612.13	701	433921-2	H-803, 804	3						
H-804	Same as H-803	Jack Z-805			2Z1612.13										
H-805	Cap assembly: consisting of one amphenol cap and 3" #10 nickel silver bead chain, cap 1-5/8" diam. x 7/16" wide, similar to amphenol cap and chain 9760-24, tapped with 1-1/2"-18 threads, including one neoprene washer 3/32" thick	Jack J-801			2Z1612.S	701	433921-3	H-805	1		1		1	1	1
HS-701	Readset assembly: consisting of two head- phones, plug and adjustable band, plug 3-1/8" long, for use with extension cord Navy type CW-49534	Readset	-49507		2B955	669	433938-1	HS-701	1		1		1	1	1

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TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	PARTS										
			AMS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DNG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER ROUTE	BOX NO.	QUAN.	EQUIP. TENDER	STOCK
MODULATOR DYNAMOTOR CRV-50248 (AS-9C2519-700)													
P-801	Connector: female contact, two round contacts for ANG #4 wire, 1-23/32" diam. x 2-1/4" long, one end tapped 1-1/2"-18 thread and other end 1-7/16"-18 thread, key position #1	Battery to Dynamotor Cable	AN 3106-24-98 AN WC-591		2Z3063-6	30	433957-3	P-801	1	1	1	1	4
P-802	Connector: female contact, three round contacts for ANG #12 wire and six round contacts for ANG #20 wire, 1-19/32" O.D. x 2-1/8" long overall, key position #1, one end 1-3/16"-18 thread, other end tapped 1-3/8"-18 thread	Dynamotor to Receiver-Transmitter Cable	AN 3106-22-16S AN WC-591		2Z3064-85	30	433957-2	P-802, 803	2				
P-803	Same as P-802	Dynamotor to Receiver-Transmitter Cable	AN 3106-22-16S101W		2Z3064-85								
R-701	Resistor: variable, composition, 470,000 ohms 1/2W, 1/2 watt, linear taper, 1-1/2" diam. x 19/32" thick, type 2 screwdriver shaft 0.250" diam. x 5/8" long	Volume Control, V-701 Input	-633031-10		3Z7498-47	711 Type C	441149-4	R-701, 725	2	1	1	1	6
R-702	Resistor: fixed, composition, 1000 ohms 1/2W, 1/2 watt, insulated, small, 0.468" long max. x 0.249" diam. max., two axial wire leads 1.5" long	V-701 Cathode	JAN RC308F-102J JAN R-11		3RC308F102J	722	722318-159	R-702	1	1	1	1	4
R-703	Resistor: fixed, composition, 2.2 megohms 1/2W, 1/2 watt, insulated, small, 0.468" max. lg x 0.249" max diam, two axial wire leads 1.5" long	Filter	JAN RC308F-225K		3RC308F225K	722	722318-202	R-703	1	1	1	1	5
R-704	Resistor: fixed, composition, 12,000 ohms 1/2W, 1 watt, insulated, small 0.718" long max. x 0.280" diam. max., two axial wire leads 1.5" long	V-701 Plate Dropping	JAN RC308F-123K JAN R-11		3RC308F123K	722	722333-75	R-704	1	1	1	1	5
R-705	Same as R-705	V-701 Phase Inverter Grid	JAN RC308F-224K		3RC308F224K								
R-706	Resistor: fixed, composition, 0.10 meg 1/2W, 1 watt, insulated, large, 1.28" long max. x 0.310" diam. max., two axial wire leads 1.5" long	V-701 MCH Plate	JAN RC31BE-104J JAN R-11		3RC31BE104J	722	722337-207	R-706, 709	2	1	1	1	10
R-707	Resistor: fixed, composition, 1.0 meg 1/2W, 1 watt, insulated, small, 0.750" long max. x 0.280" diam. max., two axial wire leads 1.5" long	V-701 MCH Plate	JAN RC308F-105J JAN R-11		3RC308F105J	722	722333-231	R-707	1	1	1	1	5
R-708	Not Used												

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT															
PARTS											SPARE PARTS				
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AVS. JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	BOX NO.	QUAN.	BOX NO.	QUAN.	BOX NO.	QUAN.
MODULATOR DYNAMOTOR CRV-50248 (AS-202519-700)															
R-709	Same as R-706	V-701 Phase Inverter Plate	JAN RC31BB-104J		3RC31BB104J				2						
R-710	Resistor: fixed, composition, 0.10 megohm ±5%, 1/2 watt, insulated, small, 0.468" long max x 0.249" diam max, two axial wire leads 1.5" long	V-702 Grid	JAN R-11		3RC20BF104J	722	722318-207	R-710, 712	2	1	1	1	1	1	1
R-711	Same as R-708	Modulator Balancing	JAN RC20BF-334K		3RC20BF334K										
R-712	Same as R-710	V-703 Grid			3RC20BF104J										
R-713	Resistor: fixed, composition, 50 ohms ±5%, 5 watt, vitreous enamel covered, fired on ceramic coil and grooved 2" long x 5/8" diam., two radial leads 1-3/4" long	Modulator Cathode	-633034-5 JAN R-11		3Z6005-165	738 Type 5X	891852-9	R-713	1	1	1	1	1	1	1
R-714	Resistor: fixed, composition, 22,000 ohms ±10%, 1 watt, insulated, small, 0.750" long max. x 0.280" diam. max., two axial wire leads 1-1/2" long	V-701 Plate Filter	JAN RC30BF-223K JAN R-11		3RC30BF223K	722	722333-78	R-714	1	1	1	1	1	1	1
R-715	Resistor: fixed, wire wound, 190 ohms ±5%, 30 watt, vitreous enamel covered, 2-1/2" long overall x 1-3/16" wide max. x 5/8" thick, including two radial terminals and two axial mounting lugs, two 0.196" diam. mounting holes on 2" centers	Voltage Divider	-633034-5 JAN R-20		3Z6019-5	281 BR 1-1/4 752 1-1/4 Strip Bulletin 23	875852-13	R-715, 805	2	1	1	1	1	1	1
R-716	Resistor: fixed, wire wound, 10,000 ohms ±5%, 30 watt, vitreous enamel covered 2-1/2" long overall x 1-3/16" wide max. x 5/8" thick, including two radial terminals and two axial mounting lugs, two 0.196" diam. mounting holes on 2" centers	Voltage Divider	-635316-5 JAN R-20		3Z6610-280	281 BR 1-1/4	875852-6	R-716	1	1	2	1	1	1	1
R-717	Resistor: fixed, wire wound, 2500 ohms ±5%, 30 watt, vitreous enamel covered 2-1/2" long overall x 1-3/16" wide max. x 5/8" thick, including two radial terminals and two axial mounting lugs, two 0.196" diam. mounting holes on 2" centers	Voltage Divider	-635318-5 JAN R-20		3Z6250-127	281, 752 BR 1-1/4 1-1/4 Strip Bulletin 23	875852-9	R-717	1	1	1	1	1	1	1
R-718	Resistor: fixed, composition, 6800 ohms ±10%, 2 watt, insulated, large 0.405" diam. max. x 1.78" long max., two axial wire leads 1.5" long	Plate Voltage Divider	JAN R-11 RC41BE682K		3RC41BE682K	722	722357-72	R-718	1						

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TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	SPARE PARTS						
									PER BOX	BOX NO.	EQUIP. QUAN.	TENDER QUAN.	STOCK QUAN.		
MODULATOR DYNAMOTOR CRV-50248 (AS-RC2519-700)															
R-719	Resistor: fixed, wire wound, 8800 ohms ±5%, 30 watt, vitreous enamel covered 2-1/2" long overall x 1-3/16" wide max. x 5/8" thick, including two radial terminals and two axial mounting lugs, two 0.196" mounting holes on 2" centers	Modulator Output Load	-635315-5 JAN R-26		326588	281 BR 1-1/4	875852-3	R-719	1	1	1	1	1	1	1
R-720	Resistor: variable, 0.50 ohms, 25 watt, 1-5/8" diam. x 1-3/8" thick, slotted shaft 0.250" diam. x 1-1/8" long	Heater Control	-633236 or -633235		327000E5-1	281 Type A25 321 Type PR25 752 Type K41375	888518-2	R-720	1	1	1	1	1	1	1
R-721	Resistor: wire wound, 390 ohms ±10%, 2 watt, insulated, 5/16" diam. x 1-3/4" long, two axial wire leads 1-1/2" long	Microphone	RC40BE99K		3RC40BE99K	321 Type BH	867972-357	R-721	1	1	1	1	1	1	1
R-722	Resistor: variable, 500 ohms, 25 watt, 1-5/8" diam. x 1-3/8" thick, slotted shaft 0.250" diam. x 3/4" long	Heater Balancing	-633237		227250-38	281 Type M 321 Type PR25 752 Type K41376	888518-1	R-722	1	1	1	1	1	1	1
R-723	Not Used														
R-724	Resistor: fixed, wire wound, 300 ohms ±5%, 30 watt, vitreous enamel covered, 2-1/2" long overall, 1-3/16" wide max. 5/8" thick, including two radial terminals and two axial mounting lugs, two 0.196" diam. mounting holes on 2" centers	Bias Adjusting	-635319-5 JAN R-26		326030-120	281, 752 BR 1-1/4 1-1/4 Strip Bulletin 23	875852-11	R-724	1	1	2	1	1	1	1
R-725	Same as R-701	Control Volume MCV	-633031-10		327498-47										
R-726	Resistor: fixed, composition, 16,400 ohms ±2%, 5 watt, 2" long x 5/8" diam., two radial wire leads 1-3/4" long	Voltage Regulator	-635322-2 JAN R-11		326616D4	738 5X	891832-18	R-726	1	1	1	1	1	1	1
R-727	Resistor: fixed, carbon, 10 ohms ±10%, 2 watts, insulated, 11/16" lg x 5/16" diam, two axial wire leads 1-1/2" long x 0.045" diam	Bias Supply	JAN RC40BF-100K (for Benice-ment use Allen Bradley Only)		3RC40BF100K	722 Type HB	99126-38	R-727	1	1	1	1	1	1	1
R-801	Resistor: fixed, wire wound, 335 ohms ±5%, 55 watt, 4-3/4" long overall x 1-3/16" wide x 5/8" high, two radial leads 7/16" long, two axial mounting terminals with two 0.196" diam. holes on 4-1/4" centers	Power Supply Dropping	-635323-5 JAN R-26		326033B5	281	894368-2	R-801	1	1	1	1	1	1	1

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TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS			
										EQUIP. QUAN.	TENDER QUAN.	BOX QUAN.	STOCK ON HAND
A-901	Clamp: mtg, 0.048" thk steel, 2" lg x 3/4" wd, one end curved 3/32" rad, spade lug with #8-32 thd 11/32" lg other end	For C-930			221250-161	204 A-1980	896205-111	A-901	2				6
A-902	Clamp: mtg, 0.048" thk steel, 4-17/32" lg x 3/4" wd, one end curved 3/32" rad, spade lug with #8-32 thd 5/16" lg other end	For C-931 to C-935			221250-162	204 A-1982	896205-112	A-902	10				6
A-903	Clamp: mtg, 0.048" thk steel, 2-25/32" lg x 3/4" wd, one end curved 3/32" rad, spade lug with #8-32 thd 11/32" lg other end	For C-917			221250-163	204 A-1983	896205-113	A-903	2				6
C-901	Capacitor: fixed, oil filled, 0.2 mf +40% -15%, 400 v d.c. w, two wire leads 2-1/2" lg, case 1" diam x 1-5/16" h, bracket with two 9/64" diam holes on 1-3/8" mtg/c	RF Filter			3DA200-49	1018	896205-1	C-901, 902, 903, 904	4	2	4	3	6
C-902	Same as C-901	RF Filter	-483872-15		3DA200-49								
C-903	Same as C-901	RF Filter	-483872-15		3DA200-49								
C-904	Same as C-901	RF Filter	-483872-15		3DA200-49								
C-905 A/B	Capacitor: fixed, paper, oil impregnated, two sections each 0.1 mf 110%, 400 v d.c. w, hermetically sealed metal case 1-13/16" lg x 1" wd x 7/8" h, two mtg ft 3/8" wd x 11/16" lg, 3/16" diam holes on 2-1/8" mtg/c, three insulated lug term 3/4" lg on side	Vibrator Point Suppression	JAN CP50B-4DE104K JAN C-25		3DA100-646	714, 793, 1185	896205-2	C-905A/B, 906A/B, 907A/B, 908A/B	4	2	2	3	6
C-906 A/B	Same as C-905A/B	Vibrator Point Suppression	JAN CP50B-4DE104K		3DA100-646								
C-907 A/B	Same as C-905A/B	Vibrator Point Suppression	JAN CP50B-4DE104K		3DA100-646								
C-908 A/B	Same as C-905A/B	Vibrator Point Suppression	JAN CP50B-4DE104K		3DA100-646								
C-909 A/B to 912 A/B	Not Used												

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT																				
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	SPARE PARTS											
									PER EQUIP.	BOX NO.	QUAN.	TRENDER	BOX NO.	QUAN.	BOX NO.	QUAN.				
UNIVERSAL POWER SUPPLY (CLG-20378) (Continued)																				
C-913 A/B	Capacitor: fixed, paper, oil filled, two sections each 0.25 mf 110 ϕ , 400 v d.c. W, hermetically sealed metal case 1-3/4" lg x 1-1/32" wd x 13/16" max h, two mtg ft 3/8" wd x 3/4" lg, 3/16" diam holes on 2-1/8" mtg/c, three insulated lug term 17/32" lg on side	Vibrator Actuating Point Suppressor	-484195-10 JAN C-25		3DA350-112	1018 10712/1	896205-3	C-913A/B	1	2	1	2	1	2	1	2	1	2	1	2
C-914	Capacitor: fixed, dry electrolytic, non-polarized, 200 mf 110 ϕ , 40 v d.c. W, fiber-covered aluminum can 1-7/16" diam x 3-9/32" h, two lug term	Vibrator Coil Filter	-483313-10 RE 13A 549		3DB200-13	382	896205-4	C-914	1	2	2	3	6	6	6	6	6	6	6	6
C-915	Capacitor: fixed, paper, oil impregnated, 0.25 mf 110 ϕ , 400 v d.c. W, hermetically sealed metal case 1-13/16" lg x 1" wd x 7/8" h, two mtg ft 3/8" wd x 11/16" lg, 3/16" diam holes on 2-1/8" mtg/c, two insulated lug term 3/4" max lg on side	Relay Point Suppression	JAN CP50B-1DE254KK JAN C-25		3D385	1018 10415	896205-5	C-915,916	2	2	1	3	3	6	5	5	5	5	5	5
C-916	Same as C-915	Part of Tuned Output Audio Filter	JAN CP50B-1DE254KK		3D385															
C-917	Capacitor: fixed, paper, oil impregnated, 2 mf 110 ϕ , 400 v d.c. W, hermetically sealed metal case 1-13/16" lg x 1-1/16" wd x 2-7/8" h, two insulated lug term 3/4" max h	Vibrator, Synchronizing	JAN CP70B-1DE205KK AWS C75/16		3DB2-107	1018 10939	896205-6	C-917	1	2	1	3	2	6	3	3	2	6	3	3
C-918	Capacitor: fixed, paper, oil filled, 4 mf 110 ϕ , 600 v d.c. W, can 4-1/2" lg x 1-1/2" diam, 3/4"-16 thd 1/2" lg and two lug term one end, 5-11/16" lg overall	Vibrator, Synchronizing	-481080-10		3DB4-135	1436 Spec. A1004	896205-7	C-918,919,920, 921,922,923, 924,925,926, 927	10	2	5	3	10	6	10	6	10	6	10	6
C-919	Same as C-918	Vibrator, Synchronizing	-481080-10		3DB4-135															
C-920	Same as C-918	Buffer	-481080-10		3DB4-135															

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TABLE 9-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AVS. JAN. OR NAVY TYPE DESIGN.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIGN.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS										
										BOX NO.	QUAN.	BOX NO.	QUAN.	BOX NO.	QUAN.	BOX NO.	QUAN.			
UNIVERSAL POWER SUPPLY (CLG-20379) (Continued)																				
C-921	Same as C-918	Buffer	-481080-10		3DB4-135															
C-922	Same as C-918	Buffer	-481080-10		3DB4-135															
C-923	Same as C-918	Buffer	-481080-10		3DB4-135															
C-924	Same as C-918	Input Filter	-481080-10		3DB4-135															
C-925	Same as C-918	Input Filter	-481080-10		3DB4-135															
C-926	Same as C-918	Input Filter	-481080-10		3DB4-135															
C-927	Same as C-918	Input Filter	-481080-10		3DB4-135															
C-928	Capacitor: fixed, paper, oil filled, 0.5 mf 110%, 400 v d.c. w, hermetically sealed can 1-13/16" lg x 1" wd x 7/8" h two lug ft 3/8" wd x 11/16" lg, 3/16" diam holes on 2-1/8" mtg/c	Input Filter	JAN CP50B-1DE50AKK JAN C-25		3DA500-171	1018 10432/1	896205-8	C-928	1	2	1	3	2	6	3					
C-929	Not Used																			
C-930	Capacitor: fixed, paper, oil filled, 1 mf 110%, 400 v d.c. w, hermetically sealed metal can 1-13/16" lg x 1-1/16" wd x 2-1/8" h, two insulated lug term 3/4" max h	Part of Tuned Audio Filter	JAN CP70B-1DB105KK AWS C75/16		3DB1-633	1018 10784/2	896205-9	C-930	1	2	1	3	2	6	3					
C-931	Capacitor: fixed, paper, oil filled, 10 mf 110%, 600 v d.c. w, 3-13/16" lg x 1-5/16" wd x 4-21/32" h, two lug term 3/4" max h	Output Audio Filter	-48867-10		3DB10-103			C-931, 932, 933, 934, 935	5	2	3	3	8	6	10					
C-932	Same as C-931	Output Audio Filter	-48867-10		3DB10-103															
C-933	Same as C-931	Output Audio Filter	-48867-10		3DB10-103															
C-934	Same as C-931	Output Audio Filter	-48867-10		3DB10-103															
C-935	Same as C-931	Output Audio Filter	-48867-10		3DB10-103															
C-936	Capacitor: fixed, silver mica, 2400 mmf 110%, 500 v d.c. w, 350 v a.c. w, 45/64" lg x 0.463" diam, tapped hole #4-40, 1/8" lg at one end	RF Filter	-482614-10		3DA2-187	554 C-446	896205-11	C-936, 937	2	2	2	3	4	6	6					
C-937	Same as C-936	RF Filter	-482614-10		3DA2-187															

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT												
PARTS					SPARE PARTS							
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	ANS. JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	BOX NO. EQUIP.	BOX NO. TENDER	BOX NO. STOCK
UNIVERSAL POWER SUPPLY (CLG-20378) (Continued)												
C-938	Capacitor: fixed, ceramic, high K, insulated lead-thru type, 1800 mmf +50% -20%, 350 v d.c. w, 1-1/8" lg. x 5/16" hex overall, two axial wire leads with hooked ends	RF Filter (Part of Z-901)	-482869-20		3DA1.800-10	207, 727, 1371	896205-12	C-938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948	11	2	3	6
C-939	Same as C-938	RF Filter (Part of Z-901)	-482869-20		3DA1.800-10							
C-940	Same as C-938	RF Filter (Part of Z-901)	-482869-20		3DA1.800-10							
C-941	Same as C-938	RF Filter (Part of Z-902)	-482869-20		3DA1.800-10							
C-942	Same as C-938	RF Filter (Part of Z-902)	-482869-20		3DA1.800-10							
C-943	Same as C-938	RF Filter (Part of Z-902)	-482869-20		3DA1.800-10							
C-944	Same as C-938	RF Filter (Part of Z-902)	-482869-20		3DA1.800-10							
C-945	Same as C-938	RF Filter (Part of Z-902)	-482869-20		3DA1.800-10							
C-946	Same as C-938	RF Filter (Part of Z-903)	-482869-20		3DA1.800-10							
C-947	Same as C-938	RF Filter (Part of Z-903)	-482869-20		3DA1.800-10							
C-948	Same as C-938	RF Filter (Part of Z-903)	-482869-20		3DA1.800-10							
C-949	Capacitor: fixed, ceramic, high K, insulated lead-thru type, 1800 mmf +50% -20%, 350 v d.c. w, 1-3/8" lg. x 5/16" hex overall, two axial wire leads one hooked, one straight	RF Filter (Part of Z-901)	-482870-20		3DA1.800-9	207, 727, 1371	896205-13	C-949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959	11	2	4	6
C-950	Same as C-949	RF Filter (Part of Z-901)	-482870-20		3DA1.800-9							
C-951	Same as C-949	RF Filter (Part of Z-901)	-482870-20		3DA1.800-9							
C-952	Same as C-949	RF Filter (Part of Z-902)	-482870-20		3DA1.800-9							
C-953	Same as C-949	RF Filter (Part of Z-902)	-482870-20		3DA1.800-9							
C-954	Same as C-949	RF Filter (Part of Z-902)	-482870-20		3DA1.800-9							
C-955	Same as C-949	RF Filter (Part of Z-902)	-482870-20		3DA1.800-9							
C-956	Same as C-949	RF Filter (Part of Z-902)	-482870-20		3DA1.800-9							

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TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN, OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DNG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS					
										EQUIP. NO.	TENDER NO.	STOCK NO.			
UNIVERSAL POWER SUPPLY (CLG-20379) (Continued)															
C-957	Same as C-949	RF Filter (Part of Z-903)	-482870-20		3DA1.800-9										
C-958	Same as C-949	RF Filter (Part of Z-903)	-482870-20		3DA1.800-9										
C-959	Same as C-949	RF Filter (Part of Z-903)	-482870-20		3DA1.800-9										
C-960	Capacitor: fixed, mica, 3900 mmf 1105, 500 v d.c. w, 53/64" max sq x 11/32" max thk, two axial wire leads 1-1/4" lg	RF Filter	JAN CH35A- 392K JAN C-5		3K3539211	710, 793	896205-14	C-960, 961, 962	3	2	3	6	9		
C-961	Same as C-960	RF Filter	JAN CH35A- 392K		3K3539211										
C-962	Same as C-960	RF Filter	JAN CH35A- 392K		3K3539211										
E-901	Resistor board assem: consisting of bake- lite board 1-9/16" lg x 13/16" wd x 3/16" thk, one 0.156" diam mtg hole in center, four post type term, two resistors R-906 and R-907	Resistor Board, Including R-906 and R-907			2/9404.472	204 A-2005	896205-16	E-901	1	2	1	4	3	6	5
E-902	Fuse clip: phosphor bronze cadmium-plated 11/16" lg x 5/8" wd x 31/32" h overall, for 13/16" diam ferrule	For R-914			3Z1029-14	591	896205-17	E-902	1	2	1	4	1	6	2
E-903	Fuse clip: beryllium copper or phosphor bronze cadmium-plated, 41/64" lg x 19/32" wd x 13/16" h overall, for 9/16" diam ferrule	Fuse and Resistor Contactors			3Z1013-2	784 1219 or 5048	896205-18	E-903	1	2	3	4	6	6	22
E-904	Cap: tube contact, ceramic, 1-1/2" lg x 13/32" tapering to 7/16" wd x 13/16" h	Plate Connectors for V-901 and V-902			2Z2712.46	426 SFF9	896205-19	E-904	1	2	1	4	2	6	4
E-905	Board: fuse, bakelite, 4-3/4" lg x 1-9/16" wd x 1/4" thk, eight fuse clips lettered "E-905 10 AMP, R-906 5 AMP, R-903 10 AMP, R-904 5 AMP, SPARE 10 AMP, R-902 10 AMP COMMON"	Board for E-902, 903, 904, 905 and 906			3Z282A-37	A-2004	896205-20	E-905	1	2	1	3	1	6	1
F-901	Fuse: cartridge type, non-renewable, rated 25 amp, body 2" lg x 1/2" diam, ferrule ends 1/2" lg x 9/16" diam	For 26 V Circuit	-28038-25 17F2		3Z2625.10	743, 768, 784, 1612	896205-21	F-901	1	2	10	3	20	6	50
F-902	Fuse: midget non-renewable cartridge type, rated 10 amp, body 1-1/2" lg x 3/8" diam ferrule ends 3/8" lg x 13/32" diam	For AC Circuit	-28038-10 17F2		3Z2610.24	743, 768, 784, 1612	896205-22	F-902, 903, 905	3	2	20	3	40	6	100
F-903	Same as F-902	For AC Circuit	-28038-10		3Z2610.24										

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TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	ANS. JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	SPARE PARTS														
									TOTAL NO. PER EQUIP.	BOX NO.	EQUIP. ON HAND	TENDER ON HAND	STOCK ON HAND	NVND									
UNIVERSAL POWER SUPPLY (CLG-20379) (Continued)																							
F-904	Fuse: midjet non-renewable cartridge type, rated 5 amp, body 1-1/2" lg x 3/8" diam, ferrule ends 3/8" lg x 13/32" diam	For HV DC Circuit	-28038-5 17F2		322605-20	743, 768, 784, 1612	896205-23	F-904, 906	2	2	10	4	20	6	50								
F-905	Same as F-904	For AC Circuit	-28038-10		322610-24	30	896205-63	H-901	1	2	1	4	1	6	2								
F-906	Same as F-904	For HV DC Circuit	-28038-5		322605-20	9760-20 Bead Chain																	
H-901	Cover: cap and chain assem, aluminum, 1-3/8" OD x 7/16" thk, 1-1/4"-18 int thd, includes 1/8" thk rubber gasket and 4" lg bead type chain	For J-902			221612	30	896205-64	H-902	2	2	1	4	2	6	4								
H-902	Cover: cap and chain assem, aluminum 1-1/2" OD x 7/16" thk, 1-3/8"-18 int thd, includes 1/8" thk rubber gasket and 4" lg bead type chain	For J-903 and J-904			221612-13	30	896205-65	H-903	1	2	1	4	1	6	2								
H-903	Cover: cap and chain assem, aluminum 1-5/8" OD x 7/16" thk, 1-1/2"-18 int thd, includes 1/8" thk rubber gasket and 4" lg bead type chain	For J-901			221612-8	30	896205-66	H-904	1	2	1	4	1	6	2								
H-904	Plate: tube clamping, aluminum 5" lg x 2" wd x 0.091" thk, two equally spaced 1-13/16" diam holes on 2-1/2" centers and two #8-32 tapped holes on 2-1/2" x 1-1/2" centers	For V-901 and V-902			227093-93	204 L-2243			1	1				6	1								
H-905	Cap and stud assem: consisting of stainless steel stud approx 13/16" lg with #8-32 thd each end, 1/16" thk x 7/16" diam shoulder in middle and 5/16" thk x 7/16" diam knurled cap one end	Hold O-908, O-909 and O-910			6L31133-3F	204 A-2013	896205-67	H-905	2	2				6	2								
H-906	Clamp: tube, stainless steel 1-1/4" ID x 3/4" h overall, slotted mtg ft on side	For K-903			225042-4	961 926B	896205-68	H-906	1	1				6	1								
H-907	Strap: thumbscrew holding, formed from 18 ga steel, 5/16" wd x 1/2" lg between centers, 13/64" ID loop one end, #6-32 tapped hole other end	For O-917			225042-39	204 L-2295	896205-69	H-907	1	1				6	1								
H-908	Stud: stainless steel tubing 0.250" OD x 0.120" ID x 2-3/8" lg, tapped #8-32 thd 1-1/4" d one end, 1/2" d other end	For H-904			6L31149-1F	204 U-1269	896205-70	H-908	2	2				6	2								
H-909	Stud: stainless steel tubing 0.250" OD x 0.120" ID x 3-7/16" lg, tapped #8-32 thd 3/8" d one end, 1-1/4" d other end	For O-916			6L31154-80F	204 U-1272	896205-71	H-909	4	4				6	4								

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TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

PARTS

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIGN.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS											
										BOX NO.	QUAN.	BOX NO.	QUAN.								
UNIVERSAL POWER SUPPLY (CLG-20379) (Continued)																					
H-910	Screw: thumb, stainless steel, #8-32 thd 1/2" lg x 0.120" diam, 1/4" lg, knurled head 5/16" diam 3/8" lg, slot 3/64" wd x 3/32" d, 1-1/8" lg overall	For O-916			6L6832-8.12S	204 U-1341	896205-72	H-910	4												
H-911	Screw: thumb, stainless steel, #8-32 thd x 3/4" lg, 0.120" diam x 1/2" lg, knurled head 5/16" diam x 3/8" lg with slot 3/64" wd x 3/32" deep, 1-5/8" lg overall	For H-904			6L6832-12.47S	204 U-1342	896205-73	H-911	2												
H-912	Cap: aluminum, 1-3/8" OD x 7/16" thk, with straight knurl 1-1/4"-28 int thd 5/16" min d	For Z-901			221007-50	204 U-1349	896205-74	H-912	1												
H-913	Cap: aluminum, 1-1/2" OD x 7/16" thk, with straight knurl 1-3/8"-28 int thd, 5/16" min d	For Z-902 and Z-903			221607-51	204 U-1350	896205-75	H-913	2												
H-914	Screw: thumb, stainless steel, 2-7/8" lg, 1/4"-28 thd one end, 0.226" diam in middle, straight knurled head 3/4" lg x 5/8" diam, with slot 3/32" wd x 1/8" deep and 0.190" hex socket	To Hold Cover			6L7928-4-46.3SF	204 U-1314	896205-76	H-914	12												
H-915	Screw: thumb, stainless steel, 1-7/8" lg, 1/4"-28 thd one end, 1/4" diam for 3/4" diam with slot 3/32" wd x 1/8" d	To Hold Unit In Case			6L7928-4-30.3SF	204 U-1315	896205-77	H-915	12												
H-916	Washer: stainless steel, 0.032" thk x 5/8" OD x 0.281" ID	For H-914			6L58024-22F	204 U-1316	896205-78	H-916	12												
H-917	Washer: stainless steel, 0.016" thk x 0.468" OD x 0.281" ID	For H-915			6L58004-11F	204 U-1317	896205-79	H-917	12												
H-918	Washer: stainless steel, 0.032" thk x 1/2" OD x 9/32" ID	For H-914			6L58004-10F	204 U-1318	896205-80	H-918	12												
H-919	Washer: "C", stainless steel, 0.025" thk x 3/8" OD x 0.187" ID, 0.171" wd opening	To Lock H-914 and H-915			6L58403-1F	204 U-1319	896205-81	H-919	12												
H-920	Washer: cup, brass, 0.032" thk stock 0.375" ID x 0.078" thk, 3/16" diam hole thru center	For O-905			6L50443-3N	204 U-1353	896205-82	H-920	6												

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT														
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	PARTS					SPARE PARTS						
			AW.S. JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	HPR. AND HPR'S DESIG	CONTRACTOR'S DNG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	BOX NO.	QUAN.	EQUIP. TENDER	BOX NO.	QUAN.
UNIVERSAL POWER SUPPLY (CLG-20379) (continued)														
J-901	Connector: male, two-pin, 1-3/4" lg over- all, 1-3/4" sq flange with four 0.147" diam holes on 1-3/8" x 1-3/8" mtg/c, 1-1/2"-18 thd one end, 1-3/8" diam other end	Lv Input	AN 3102 PR/24/9P	228799-173	30 AN 3102 PR/24/9	896205-38	J-901	1	2	1	2	1	6	2
J-902	Connector: male, four-pin, body 1-9/32" lg, 1-1/2" sq flange with four 0.156" diam holes on 1-5/32" x 1-5/32" mtg/c, 1-1/4"-18 thd one end, 1-1/8" diam other end	HV Input (Part of Z-901)	AN 3102 PR/20/4P	223029-10	30 AN 3102 PR/20/4	896205-39	J-902	1						
J-903	Connector: male, nine-pin, body 1-9/32" lg, 1-5/8" sq flange with four 0.156" diam holes on 1-1/4" x 1-1/4" mtg/c, 1-3/8"-18 thd one end, 1-1/4" diam other end	Output MAR (Part of Z-902)	AN 3102 PR/22/16P	223022-36	30 AN 3102 PR/22/16	896205-40	J-903,904	2						
J-904	Same as J-903	Output RDR (Part of Z-903)	AN 3102 PR/22/16P	227598-86	204 A-1952	896205-26	K-901	1	2	1	3	2	6	3
K-901	Relay assem: consisting of two relays K-901A and K-901B enclosed in steel can approx 5" h x 2-11/16" sq, ten Kovar seal terminals	Power and Current Relays	-29710		355 1327	896205-27	K-901A	1						
K-901A	Relay: SPST, operates at 75 v a.c. or 22 v d.c. min, coil 250 ohm, 10%, contacts rated 25 amp, 3-3/16" lg x 1-9/16" wd x 1-9/16" h overall, two 0.206" diam holes on 2-5/8" x 23/32" mtg/c	Power (Part of K-901)			1347 LMR-S21	896205-28	K-901B	1						
K-901B	Relay: SPST, normally open, coil consists of two windings in same direction, inner winding #26 EE wire, outer winding #27 wire, with 18 ma opposing in outer winding, closes with 275 ma or less and opens with 200 ma or more in inner winding, fine silver contacts, 2-5/32" lg x 1-7/16" wd x 2-3/8" h overall, two 0.156" diam holes on 1-13/16" mtg/c	Current (Part of K-901)			204 A-1953	896205-29	K-902	1	2	1	3	2	6	3
K-902	Relay assem: consisting of two relays K-902A and K-902B enclosed in steel can approx 5" h x 2-11/16" sq, 12 Kovar seal terminals	Starting and Current	-29711	227598-85										

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TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS. JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS					
										BOX NO.	QUAN.	BOX NO.	QUAN.		
UNIVERSAL POWER SUPPLY (CLG-20379) (Continued)															
K-902A	Relay: DPDT, closes on 22 v d.c. max and 16 v d.c. min. coil #35 PE wire 450 ohms 110%, contacts fine silver 2-3/8" lg x 1-11/16" wd x 2-3/8" h overall, two 0.156" diam holes on 1-13/16" mtg/c	Starting (Part of K-902)				1347 LMR-S22	896205-30	K-902A	1						
K-902B	Relay: DPDT, closes on 50 ma min and 80 ma max, coil #29 PE wire 25 ohm 110%, contacts fine silver 2-3/8" lg x 1-11/16" wd x 2-3/8" h overall, two 0.156" diam holes on 1-13/16" mtg/c	Current (Part of K-902)				1347 LMR-S23	896205-31	K-902B	1						
*K-903	Relay: SPST, closes on 10.5 v a.c., has delay of 30 sec 1/2 sec at 12 v, enclosed in 19 tube bulb with octal 6-pin base (2 not used), 2-3/4" max h less pins, 3-5/16" max h x 1-5/16" max diam overall	Time-Delay	-40262		277598-99	35 12A030	896205-32	K-903	1	2	1	4	2	6	3
*K-903	Relay: SPST, closes on 10.5 v a.c., has delay of 30 sec 1/2 sec at 12 v, enclosed in metal shielded tube with octal 8-pin base (four not used), 3-3/16" max h less pins, 3-3/4" max h x 1-5/16" max diam overall	Time-Delay	-40258		277598-102	741	896205-32	K-903	1	2	1	4	2	6	3
L-901	Choke assem: consisting of two chokes L-901A and L-901B potted in can 7" lg x 4" wd x 5" h, four terminals and eight mtg screws	Includes L-901A and L-901B	-303362		364070-1	204 TR-3010	896205-33	L-901	1	2	1	4	2	6	3
L-901A	Coil: radio, consisting of 1000 turns #22 G wire in 10 layers at 53 turns per layer, resistance 12 ohm, laminated silicon steel core, flash test 2500 v a.c. winding to core, 4-1/32" h x 3-1/8" lg x 2" thk, four slots on 2-7/8" x 1-3/4" mtg/c	Audio Filter (Part of L-901)				204 TR-3010	896205-34	L-901A, 901B	2						
L-901B	Same as L-901A	Audio Filter (Part of L-901)													
L-902	Choke: 15 turns #16B wire on powdered iron core 1" lg x 1/4" diam, 500 ohm min impedance at 50 mc, two axial wire leads 1" lg	RF Filter (Part of Z-901)				1371	896205-35	L-902, 903, 904, 905, 906	5						
L-903	Same as L-902	RF Filter (Part of Z-901)													
L-904	Same as L-902	RF Filter (Part of Z-901)													
L-905	Same as L-902	RF Filter (Part of Z-902)													
L-906	Same as L-902	RF Filter (Part of Z-903)													

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* Either Navy Type No. -40262 or -40258 may be supplied.

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT													
SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIGN.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIGN.	CONTRACTOR'S DNG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS			
										EQUIP.	TENDER	STOCK	NO.
UNIVERSAL POWER SUPPLY (CLG-20379) (Continued)													
L-907	Choke: molded, 45 in turns #30E wire on 3/16" diam x 5/8" lg core, impedance 500 ohm at 50 mc, body 1/4" diam x 15/16" lg, two axial wire leads 1-5/16" lg	RF Filter (Part of Z-902)	-47810			795	896205-36	L-907, 908, 909, 910, 911, 912	6				
L-908	Same as L-907	RF Filter (Part of Z-902)	-47810		30370-76	1613		L-913, 914	2	2	4	4	6
L-909	Same as L-907	RF Filter (Part of Z-902)	-47810										
L-910	Same as L-907	RF Filter (Part of Z-902)	-47810										
L-911	Same as L-907	RF Filter (Part of Z-903)	-47810										
L-912	Same as L-907	RF Filter (Part of Z-903)	-47810										
L-913	Choke: 11 turns #8E wire, air wound, 1-9/16" max lg x 3/4" ID, start and finish radial leads 2-7/8" lg from coil center	24 V Circuit			30370-76								
L-914	Same as L-913	24 V Circuit			30370-76								
O-901	Washer: neoprene, durometer 50 ±5%, 1-33/64" OD, 1-21/64" ID, cross sec 3/32" diam	Seal for J-901			301790-21	204 N-1204		O-901	2	1	4	2	6
O-902	Washer: neoprene, durometer 50 ±5%, 1-25/64" OD, 1-13/64" ID, cross sec 3/32" diam	Seal for J-902, 903			301790-19.1	204 N-1205		O-902	1	2	4	4	8
O-903	Washer: neoprene, durometer 50 ±5%, 1-17/64" OD, 1-5/64" ID, cross sec 3/32" diam	Seal for J-904			301790-17	204 N-1206		O-903	1	2	4	2	6
O-904	Gasket: neoprene, durometer 40/45, 1/16" thk x 7/16" OD x 0.161" ID	Seal for Indicator Plate Mtg Studs			224868.510	204 N-1025		O-904	2	2	4	4	8
O-905	Gasket: neoprene, durometer 40/45, 0.062" to 0.078" thk x 0.375" OD x 0.130" ID	Seal for Mtg Screws. C-901, 902, 903			6154002-9B	204 N-1064		O-905	6	2	6	4	12
O-906	Gasket: molded neoprene, durometer 35 ±3%, wall 21/64" thk x 3/8" h one side x 1/2" h, other side 19.096" lg x 8.471" wd	Seal for Front Panel			224868.506	1 433538-9		O-906	1	2	1	3	2

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TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS JAN OR NAVY TYPE DESIGN.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIGN.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS			
										BOX NO.	EQUIP.	TENDER	STOCK
UNIVERSAL POWER SUPPLY (CIG-20379). (Continued)													
O-907	Gasket: molded neoprene, durometer 35 ±3%, wall 31/64" wd x 3/8" thk, 18.750" lg x 8.125" wd inside dimen	Seal for Unit Cover			224868-507	1 433538-10	896205-89	0-907	1	2	1	2	4
O-908	Plate: indicator 0.032" thk aluminum 11/16" wd x 3-11/16" lg, two slots 7/16" h x 3/16" wd on 3" mtg/c, lithographed. This unit is set for 24 v d.c. operation only	Indicate Voltage Setting			227091-149	204 F-2120	896205-90	0-908	1				6
O-909	Same as O-908 except lithographed "115 v a.c." on one side of plate and "115 v d.c." on other side	Indicate Voltage Setting			227091-147	204 F-2121	896205-91	0-909	1				6
O-910	Same as O-908 except lithographed "230 v a.c." on one side of plate and "230 v d.c." on other side	Indicate Voltage Setting			227091-148	204 F-2122	896205-92	0-910	1				6
O-911	Sleeve: aluminum 2-29/32" lg x 1.250" OD x 1.140" ID, 1-1/4"-28 thd 13/32" min lg one end, mtg flange 1-1/3" sq x 3/16" thk, four holes #6-32 tap on 1-5/32" x 1-5/32" mtg/c other end	For Z-901			225042-50	204 L-2281	896205-93	0-911	1				6
O-912	Sleeve: aluminum, 2-29/32" lg x 1.375" OD x 1.265" ID, 1-3/8"-28 thd 13/32" min lg one end, mtg flange 1-5/8" sq x 3/16" thk, four holes #6-32 tap on 1-1/4" x 1-1/4" mtg/c other end	For Z-902 and Z-903			225042-51	204 L-2282	896205-94	0-912	2				6
O-913	Plate: pressure, aluminum, 1-1/2" sq x 1/8" thk, 1.128" diam hole in center, four 0.156" diam holes on 1.156" x 1.156" mtg/c	For J-902			227091-151	204 L-2284	896205-95	0-913	1				6
O-914	Plate: pressure, aluminum, 1-5/8" sq x 1/8" thk, 1.253" diam hole in center, four 0.156" diam holes on 1.250" x 1.250" mtg/c	For J-903 and J-904			227091-153	204 L-2285	896205-96	0-914	2				6
O-915	Plate: pressure, aluminum, 1-3/4" sq x 1/8" thk, 1.378" diam hole in center, four 0.156" diam holes on 1.375" x 1.375" mtg/c	For J-901			227091-152	204 L-2286	896205-97	0-915	1				6
O-916	Strap: hold-down, formed from 18 ga steel 5-31/32" lg x 5/8" wd, two sides bent up 1/8", two holes #8-32 tap on 5-19/32" mtg/c	For X-901 and Y-902			225042-40	204 L-2246	896205-98	0-916	2				6

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT															
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	ANS. JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DNG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	SPARE PARTS						
									TOTAL NO. PER EQUIP.	BOX NO.	QUAN.	EQUIP. TENDER	STOCK ON BOX NO.	INVD	
UNIVERSAL POWER SUPPLY (CLG-20379) (Continued)															
O-917	Pointer: dial, steel, 3" h x 1/2" wd x 1/8" thk, bent to 90° angle, 1/2" lg one end, other end pointed	For S-901,902,903			27258-59	204 L-2255	896205-99	O-917	1					6	1
O-918	Core: coil, paper base bakelite, 1-9/16" lg x 47/64" OD x 0.187" ID	Mounts L-913 and L-914	JAN P-13 LTS B-5		23262-18	204 L-2266	896205-100	O-918	2					6	2
O-919	Chain: head, brass, 5-3/4" lg, swivel, each end with 0.169" diam hole	For O-917			621806-13	204 U-1273	896205-101	O-919	1					6	1
O-920	Washer: paper base bakelite, 3/16" thk x 1" OD x 0.187" ID	Mounts L-913 and L-914	JAN P-13 LTS B-5		6L40233-4	204 U-1279	896205-102	O-920	2					6	4
O-921	Not Used														
O-922	Spring: coil, 0.040" diam piano wire, three active turns 9/32" free length, 0.171" ID, ends square and ground	For H-904			228879-161	204 U-1352	896205-104	O-922	2					6	2
O-923	Spring: compression, phosphor bronze wire 0.032" diam, eight active turns 15/16" lg x 0.281" ID, RH wound, ends square and ground	For H-914			228879-162	204 U-1320	896205-105	O-923	12					6	12
O-924	Spring: ground, 0.008" thk phosphor bronze 3" lg x 9/16" wd, four slots 1/16" wd x 1/4" d, three holes 0.147" diam on 1.250" mtg/c	Grounds Front Panel to Cover			228879-159	204 U-1321	896205-106	O-924	6					6	6
O-925	Spring: ground, 0.008" thk phosphor bronze 2-1/4" lg x 9/16" wd, three slots 1/16" wd x 1/4" d, two holes 0.147" diam on 1.750" mtg/c	Grounds Front Panel to Cover			228879-160	204 U-1322	896205-107	O-925	2					6	2
O-926	Washer: neoprene, diameter 50 ±.5, 1/4" OD, 1/16" ID, cross sec 3/32" diam	Seal for Mtg Screws for J-901,902,903,904			3G1790-16	204 N-1207	896205-114	O-926	16	2	32	4	04	6	128
P-901	Connector: female, two-contact 2-1/4" lg x 1-23/32" diam overall, 1-7/16"-18 thd one end	Input Plug for 26 V D.C. Circuit	AN 3106/24/ 9S		223063-6	30 AN 3106/24/ 9S	896205-25	P-901	1	2	1	4	1	6	2
P-902	Connector: female, four-contact, 2-1/8" lg x 1-15/32" diam overall, 1-3/16"-18 thd one end	Input Plug for 115/230 V Circuit	AN 3106/20/ 4S		228674-56	30 AN 3106/20/ 4S	896205-24	P-902	1	2	1	4	1	6	2
R-901	Resistor: fixed, wire wound, 100 ohm, 15 W, Grade 1, Class 1, body 1-3/8" lg x 3/4" max diam, ferrule term 1/2" lg x 9/16" diam	Vibrator Coil, Voltage Control	JAN RW16F- 101 JAN R-26		3RW18321	321, 382, 590	896205-41	R-901,902,903	3	2	2	4	9	6	15

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TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER ROUTE	SPARE PARTS								
										BOX NO.	EQUIP.	TENDER	STOCK	QUAN.				
UNIVERSAL POWER SUPPLY (CLG-20379) (Continued)																		
R-902	Same as R-901	Vibrator Coil, Voltage Control	JAN RW16F-101		3RW18321													
R-903	Same as R-901	Output Voltage Control	JAN RW16F-101		3RW18321													
R-904	Resistor: fixed, wire wound, 160 ohm, 15 W, Grade 1, Class 1, body 1-3/8" lg x 3/4" max. diam ferrule term 1/2" lg x 9/16" diam	Vibrator Coil, Voltage Control	JAN RW16F-161 JAN R-26		3RW19510	321, 382, 590	896205-42	R-904,905	2						2	6	10	
R-905	Same as R-904	Vibrator, Starting	JAN RW16F-161		3RW19510													
R-906	Resistor: fixed, composition, 47 ohm ±10%, 1/2 W, insulated, small, 5/8" max lg x 15/64" max diam, two axial wire leads 1-1/2" lg	Vibrator, Actuating Point Suppressor (Part of R-901)	JAN RC208R-470K JAN R-11		3RC208R470K	321, 738	896205-43	R-906,907	2									
R-907	Same as R-906	Vibrator, Actuating Point Suppressor (Part of R-901)	JAN RC208R-470K															
R-908	Resistor: fixed, wire wound, 20 ohm, 15 W, Grade 1, Class 1, body 1-3/8" lg x 3/4" max diam, ferrule term 1/2" lg x 9/16" diam	Vibrator, Synchronizing	JAN RW16F-200 JAN R-26		3RW14110	321, 382, 590	896205-44	R-908,909,910, 911	4						4	2	3	20
R-909	Same as R-908	Vibrator, Synchronizing	JAN RW16F-200		3RW14110													
R-910	Same as R-908	Vibrator, Synchronizing	JAN RW16F-200		3RW14110													
R-911	Same as R-908	Output Voltage Control	JAN RW16F-200		3RW14110													
R-912	Resistor: fixed, wire wound, 400 ohm, 15 W, Grade 1, Class 1, body 1-3/8" lg x 3/4" max diam, ferrule term 1/2" lg x 9/16" diam	Power Relay Voltage Control	JAN RW16F-401 JAN R-26		3RW19066	321, 382, 590	896205-45	R-912	1						1	2	3	5
R-913	Resistor: fixed, wire wound, 80 ohm, 15 W, Grade 1, Class 1, body 1-3/8" lg x 3/4" max diam, ferrule term 1/2" lg x 9/16" diam	Output Voltage Control	JAN RW16F-800 JAN R-26		3RW17710	321, 382, 590	896205-46	R-913	1						1	2	3	5

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT																	
PARTS						SPARE PARTS											
SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AVS. JAN. OR NAVY TYPE DESIGN.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR.'S DESIGN.	CONTRACTOR'S DNG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	BOX NO.	QUAN.	BOX NO.	QUAN.	BOX NO.	QUAN.	BOX NO.	QUAN.
UNIVERSAL POWER SUPPLY (CLG-20379) (Continued)																	
R-914	Resistor: fixed, wire wound, 16,000 ohm, 50 W, Grade 1, Class 1, body 4-1/8" lg x 1-1/16" max diam, ferrule term 1/2" lg x 13/16" diam	Bleeder	JAN R413F-103 JAN R-26		3RW31502	221, 382, 590	896205-47	R-914	1		1		2		3		5
S-901	Switch: rotary, thirty-pole, five-position ten-section, body 11-1/4" lg x 2-7/16" h between mtg/c mtg screws extend 1/4" front end, 7/16" rear end, shaft 0.250" diam, extends 9/16"	Voltage Selector				727 1027892	896205-48	S-901	1		1		2		3		6
S-901A	Switch: wafer, rotary, ceramic, 2" lg x 2-13/16" h overall, two holes 0.140" diam on 2-7/16" mtg/c, eighteen contacts	Part of S-901			3Z9903B-24.1	727 1027892	896205-49	S-901A, 901B, 901C, 901D, 901E, 901F, 901G, 901H, 901J, 901K	10		2		3		4		10
S-901B	Same as S-901A	Part of S-901			3Z9903B-24.1												
S-901C	Same as S-901A	Part of S-901			3Z9903B-24.1												
S-901D	Same as S-901A	Part of S-901			3Z9903B-24.1												
S-901E	Same as S-901A	Part of S-901			3Z9903B-24.1												
S-901F	Same as S-901A	Part of S-901			3Z9903B-24.1												
S-901G	Same as S-901A	Part of S-901			3Z9903B-24.1												
S-901H	Same as S-901A	Part of S-901			3Z9903B-24.1												
S-901J	Same as S-901A	Part of S-901			3Z9903B-24.1												
S-901K	Same as S-901A	Part of S-901			3Z9903B-24.1												
S-902	Switch: rotary, nine-pole, two-position, three-section, body 5-1/16" lg x 2-7/16" h between mtg/c, mtg screws extend 1/4" front end, 3/8" rear end, shaft 0.250" diam, extends 9/16"	AC-DC Selector				727 327894	896205-50	S-902	1		1		2		3		4
S-902A	Switch: wafer, rotary, ceramic, 2" lg x 2-13/16" h overall, two holes 0.140" diam on 2-7/16" mtg/c, nine contacts	Part of S-902			3Z9903B-24.2	727 327894	896205-51	S-902A, 902B, 902C	3		2		3		4		6
S-902B	Same as S-902A	Part of S-902			3Z9903B-24.2												
S-902C	Same as S-902A	Part of S-902			3Z9903B-24.2												

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TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

PARTS		UNIVERSAL POWER SUPPLY (CLG-20379) (Continued)															
SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS JAN OR NAVY TYPE DESIGN.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS							
										BOX NO.	QUAN.	BOX NO.	QUAN.	BOX NO.	QUAN.	BOX NO.	QUAN.
S-903	Switch: rotary, six-pole, three-position, two-section, body 4-7/32" lg x 2-7/16" h between mtg/c, mtg screws extend 1/4" front end, 3/8" rear end, shaft 0.250" diam, extends 9/16"	Input Voltage, Variation Correcting				727 2Z7893	866a05-5a	S-903	1								
S-903A	Switch: wafer, rotary, ceramic, 2" lg x 2-13/16" h overall, two holes 0.140" diam on 2-7/16" mtg/c, twelve contacts	Part of S-903			3Z9903B-24.3	727 2Z7893	866a05-53	S-903A, 903B	2								
S-903B	Same as S-903A	Part of S-903			3Z9903-24.3												
T-901	Transformer: power, consisting of two pri, one sec and four balancing coils; pri windings 1/2/3/4/5/6, 110/110/86/86/48 /60 turns #28E/28E/26E, dual/26E, dual /15E/31E wire tapped at 0/0/30/56/24/0, 5/5/1.3/1.3/0.135/6 ohm d-c resistance; sec windings 1/2/3/4, 480/480/36/14 turns #24E/24E/17E/17E wire tapped at 440/40/4, 30, 33/1, 12, 13, 12/12/0.2/0.07 ohm d-c resistance; balancing coils: pri 1/2, 80 turns #20E wire 0.25 ohm d-c resistance each, sec 20 turns #30E wire, ends shorted, impregnated and sealed in can approx 5.750" lg x 5.625" wd x 5.000" h, 36 term, four lugs w/ 1/4"-28 thds on 3-7/8" x 4.812" mtg/c	Power			2Z9013-514	204 TA3005	866a05-54	T-901	1								
T-902	Transformer: power, consisting of two pri, one sec and four balancing coils; pri windings 1/2/3/4/5/6, 110/110/86/86/48 /60 turns #28E/28E/26E, dual/26E, dual/15E/31E wire tapped at 0/0/30/56/24/0, 5/5/1.3/1.3/0.135/6 ohm d-c resistance; sec windings 1/2/3, 480/480/36 turns #24E/24E/17E dual wire tapped at 60, 120/360, 420/4, 30, 33, 12/12/0.1 ohm d-c resistance; balancing coils pri 1/2 80 turns #20E wire 0.25 ohm d-c resistance each, sec 20 turns #30E wire, ends shorted, impregnated and sealed in can approx 5.750" lg x 5.625" wd x 5.000" h, 33 term, four lugs with 1/4"-28 thds on 3-7/8" x 4.812" mtg/c	Power			2Z9013-515	204 TA3015	866a05-55	T-902	1								

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NAV 13-31

TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT														
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	SPARE PARTS					
									TOTAL NO. PER EQUIP.	BOX NO.	QUAN.	EQUIP.	TENDER	STOCK
UNIVERSAL POWER SUPPLY (CLG-20379) (Continued)														
W-901	Tube: electron, half-wave rectifier, medium cap, T16 bulb, medium four-pin bayonet base	Rectifier	JAN 3B25 or JAN 3B28	2J3B25	516 3B25	896205-56	V-901,902	2	2	4	3	3	3	
W-902	Same as W-901	Rectifier	JAN 3B25 or JAN 3B28	2J3B25	1 722625-502	896205-108	W-901	1	2	1	3	1	6	
W-901	Cable assem: consisting of nine-conductor cable 96" lg, three of AWG #12 white, black, orange, six of AWG #20 green, red, blue, brown, slate, yellow, copper shielding braid and vinylite cover one type AN 3106/22/16S, nine-contact connector each end, two clamp assem and two soldering ferrules	Connecting Modulator Dynamotor	JAN 3B25 or JAN 3B28	3B4400-22	30 RSS4	896205-57	X-901,902	2	2	1	4	1	6	
Y-901	Socket: tube, ceramic, four-contact body. 1-1/4" diam x 5/64" thk overall, mtg plate 2-1/8" lg, w/ two slots 17/32" lg x 5/32" wd on 1-11/16" mtg/c	For Y-901	-49368	2Z876A.1	699 115001-2 1614 35C	896205-58	X-903	1	2	1	4	1	6	
Y-902	Same as X-901	For Y-902	-49368	2Z876A.1	900 33006	896205-59	X-904,905,906, 907	4	2	2	4	4	6	
X-903	Socket: tube, ceramic, octal 1-3/4" lg x 1-1/4" diam x 27/32" thk overall, two holes 9/64" diam on 1-1/2" mtg/c	For K-903	-49360 RB49A300	2ZF423	204 M1677	896205-15	Y-901,902	2	2	4	3	6	6	
X-904	Socket: tube, steatite, six-contact body 1-1/4" diam x 27/32" thk overall, mtg plate 2-5/32" lg w/ two slots 17/32" lg x 5/32" wd on 1-11/16" mtg/c	For Y-901	-49370	2ZF423	3H6691-31			2	2	4	3	6	6	
X-905	Same as X-904	For Y-901	-49370	2ZF423										
X-906	Same as X-904	For Y-902	-49370	2ZF423										
X-907	Same as X-904	For Y-902#	-49370	2ZF423										
Y-901	Vibrator: synchronous, input 22 v d.c. min, 26 v d.c. normal 30 v d.c. max, frequency 110 cyc to cyc at 26 v, time constant 37% to 43% at 26 v, amplitude 1/2" H/16" at 26 v, contains two coils each 2200 turns #34 wire, 80 ohm d-c resistance, enclosed in metal case 5-1/4" lg x 2-23/32" wd x 3-21/32" h overall, except twelve prongs on base extending approx 9/16"	Power Converter	-20414	3H6691-31										
Y-902	Same as Y-901	Power Converter	-20414	3H6691-31										

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* When JAN 3B25 tube stock is depleted, JAN 3B28 tubes should be used.

NAVY 13-11

TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIGN.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	SPARE PARTS									
									TOTAL NO. PER EQUIP.	BOX NO. ON EQUIP.	BOX NO. ON TENDER	BOX NO. ON VESSEL	BOX NO. ON VESSEL	STOCK NO.				
UNIVERSAL POWER SUPPLY (CLG-20379) (Continued)																		
Z-901	Filter assem: low pass, consisting of capacitors C-938,939,940,949,950,951 coils L-902,903,904 and connector J-904 impedance at 50 mc and 100,000 microvolt 3 ohm max, 4-11/16" lg x 1-1/2" wd x 1-1/2" h overall	Input RF Filter Assembly	-53436		321891-11.11	204 A2022	896205-60	Z-901	1	2	1	4	2	6	3			
Z-902	Filter assem: low pass, consisting of capacitors C-941,942,943,944,945,952, 953,954,955,956 coils L-905,907,908, 909,910 and connectors J-903, impedance at 50 mc and 100,000 microvolt 3 ohm max, 4-11/16" lg x 1-5/8" wd x 1-5/8" h overall	Output RF Filter Assembly	-53435		321891-11.10	204 A2021	896205-62	Z-902	1	2	1	4	2	6	3			
Z-903	Filter assem: low pass, consisting of capacitors C-946,947,948,957,958,959, coils L-906,911,912 and connector J-904, impedance at 50 mc and 100,000 microvolt 3 ohm max, 4-11/16" lg x 1-5/8" wd x 1-5/8" h overall	Output RF Filter Assembly	-53437		321891-11.9	204 A2023	896205-61	Z-903	1	2	1	4	2	6	2			
	Spare parts box #2					204	896205-109											
	Spare parts box #3					204	896205-110											

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HW121-51

TABLE 8-6
LIST OF MANUFACTURERS
MAR RADIO EQUIPMENT

CODE NUMBER	MFR. PREFIX	NAME	ADDRESS	CODE NUMBER	MFR. PREFIX	NAME	ADDRESS
1	CRV	Radio Corporation of America	Camden, N.J.	277	CHC	Hammarlund Mfg. Co.	460 W. 34th Street New York, N.Y.
28	CAS	American Lava Corp.	Cherokee Blvd. and Mfrs. Road Chattanooga, Tenn.	281	CHD	Hardwick Handle Inc.	40 Hermon Street Newark, N.J.
30	CPH	American Phenolic Corp.	1830 S. 54th Street Chicago, Ill.	308		Hunter Pressed Steel Co.	Lansdale, Pa.
35		Amperite Corp.	561 Broadway New York, N.Y.	321	CIR	International Resistance Corp.	401 N. Broad Street Philadelphia, Pa.
37		Anchor Packing Co.	Manheim, Pa.	323	CBU	Isolantite Inc.	343 Courtland Street Belleville, N.J.
47	CHH	Arrow-Hart and Hegeman Electric Co.	102 Hawthorne Street Hartford, Conn.	334	CJC	Howard B. Jones Co.	2300 Wabansia Avenue Chicago, Ill.
86	CBH	Boston Gear Works Inc.	Terminal Commerce Bldg. Philadelphia, Pa.	355	CLR	Leach Relay Co.	5912 Avalon Blvd. Los Angeles, Calif.
113		Canfield Rubber Co.	Railroad Avenue and Gordon Street Bridgeport, Conn.	371		Lord Mfg. Co.	Erie, Pa.
150		Continental Diamond Fibre Co.	588 Drexel Bldg. Philadelphia, Pa.	382	CMA	P. R. Mallory and Co. Inc. (Yakley Division)	3029 E. Washington Street Indianapolis, Ind.
179		Doehler Die Casting Co.	Batavia, N.Y.	426	CMA	National Company Inc.	61 Sherman Street Malden, Mass.
203	CMF	Electro Motive Corp.	Willimantic, Conn.	439		New Departure Div. of General Motors	Bristol, Conn.
204		Electronic Lab. Inc.	122 W. New York Street Indianapolis, Ind.	451	ODC	Oak Mfg. Co.	1200 N. Clybourne Avenue Chicago, Ill.
207	CER	Erie Resistor Corp.	644 W. 12th Street Erie, Pa.	492		Pierce Roberts Rubber Co.	Trenton, N.J.
211		Fafnir Bearing Co.	Booth Street New Britain, Conn.	508		Quaker City Gear Works	Front and Berks Streets Philadelphia, Pa.
218	CFT	Federal Telephone and Radio Corp.	320 Orange St. Newark, N.J.	509	CRK	Radio Condenser Co.	Camden, N.J.
246	CG	General Electric Co.	Schenectady, N.Y.	516	CRC	Radio Corporation of America	Harrison, N.J.
				590	CSF	Sprague Specialties Co.	N. Adams, Mass.

ORIGINAL

RESTRICTED

8-97

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16-38570-WR72

TABLE 8-5 (Continued)
LIST OF MANUFACTURERS
MAR RADIO EQUIPMENT

CODE NUMBER	MFR. PREFIX	NAME	ADDRESS	CODE NUMBER	MFR. PREFIX	NAME	ADDRESS
591	CSZ	Square D Co.	6060 Rivard St. Detroit, Mich.	752	CAO	Ward Leonard Electric Co.	6 South Street Mt. Vernon, N.Y.
623	CHS	Sylvania Electric Products Inc.	Emporium, Pa.	753	CDM	Donald P. Hossman Inc.	6021 N. Northwest Hy. Chicago, Ill.
669	CW	Western Electric Co. Inc.	195 Broadway New York, N.Y.	755	CEB	H.H. Eby Co.	4700 Stenton Avenue Philadelphia, Pa.
670	CAY	Westinghouse Electric and Mfg. Co.	(Factory, 300 Central Ave., Kearney, N.J.) 3001 Walnut Street Philadelphia, Pa.	768	CFA	Bussman Mfg. Co.	2538 W. University Street St. Louis, Mo.
695		Santay Corp.	351 N. Crawford Avenue Chicago, Ill.	780		Dial Light Co. of America Inc.	90 West Street New York, N.Y.
699	CUF	Ucinite Co. Division of United Can Fastener	1 Nevada Street Newtonville, Mass.	784	CLF	Littelfuse Lab.	4757 N. Ravenswood Avenue Chicago, Ill.
701		Bead Chain Mfg. Co.	Bridgeport, Conn.	793	CO	Cornell-Dubilier Electric Co.	1000 Hamilton Blvd. S. Plainfield, N.J.
710	CSL	Solar Mfg. Co.	588 Avenue A Bayonne, N.J.	795	CPQ	Speer Resistor Corp.	Theresa Street St. Marys, Pa.
713	CRY	C.P. Clare and Co.	Sunnyside and Keating Avenue Chicago, Ill.	863		Torrington Mfg. Co.	Torrington, Conn.
714	CAW	Aerovox Wireless Corp.	742 Belleville Avenue New Bedford, Mass.	887	CTN	Teleradio Engineering Corp.	484 Broome Street New York, N.Y.
721	CMR	Micamold Radio Corp.	1087 Flushing Avenue Brooklyn, N.Y.	900		Millen Mfg. Co.	150 Exchange Street Malden, Mass.
722	CBZ	Allen-Bradley Co.	1326 S. 2nd Street Milwaukee, Wis.	961		Birtcher Corp.	Los Angeles, Calif.
727	CBN	Central Radio Lab. (Centralab)	900 E. Keefe Avenue Milwaukee, Wis.	1018	CEU	Electrical Utilities Co.	2902 S. Michigan Avenue Chicago, Ill.
738	CCC	Continental Carbon Co.	295 Madison Avenue New York, N.Y.	1045	CGG	Galvin Mfg. Corp.	4545 W. Augusta Blvd. Chicago, Ill.
743		Chase-Shawmut Co.	(Factory, Sunray, Texas) Box #390 Newburyport, Mass.	1146		Metalcraft Products Co.	306 Cherry St. Philadelphia, Pa.
				1172	CJO	John Oster Mfg. Co.	Racine, Wis.

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TABLE 8-5 (Continued)
LIST OF MANUFACTURERS
MAR RADIO EQUIPMENT

CODE NUMBER	MFR. PREFIX	NAME	ADDRESS	CODE NUMBER PREFIX	NAME	ADDRESS
1185	CPC	Potter Co.	1950 Sheridan Road N. Chicago, Ill.			
1235	CPS	Sperling Products Co.	New York, N.Y.			
1347		Potter and Brumfield Mfg. Co.	Princeton, Ind.			
1358		Alliance Mfg. Co.	Alliance, Ohio			
1361		Billings and Spencer	Hartford, Conn.			
1363		Brelco Corp.	55 Van Dam St. New York, N.Y.			
1364		Kings Electronics	372 Classon Ave. Brooklyn, N.Y.			
1371		Jeffers Electronics	DuBois, Pa.			
1381		L. R. Manufacturing Co.	Torrington, Conn.			
1436		Capacitron Company	318 W. Schiller St. Chicago, Ill.			
1612		Virginia Elec. Mfg. Corp.	Charlottesville, Va.			
1613		Midwest Electric Products	Indianapolis, Ind.			
1614		Natl. Fabricated Products Inc.	Chicago, 47 Ill.			

TABLE 8-1
LIST OF MAJOR UNITS
MAR SHIPBOARD INSTALLATION KIT

QUANTITY	NAME OF MAJOR UNIT	NAVY TYPE DESIGNATION	SYMBOL GROUP
1	SHOCKMOUNT MODULATOR-DYNAMOTOR	CRV-10507	1501
2	SHOCKMOUNT TRANSMITTER-RECEIVER	CRV-10508	to
1	SHOCKMOUNT UNIVERSAL POWER SUPPLY	CRV-10592	1599
2	JUNCTION BOX	CRV-62250	

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18-38398-U1

TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

PARTS		SHIPBOARD INSTALLATION KIT										SPARE PARTS				
SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AVS. JAN. OR NAVY TYPE DESIGN.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIGN.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	BOX NO.	QUAN.	EQUIP. TENDER	BOX NO.	QUAN.	BOX NO.	QUAN.
A-1501	Not Used															
A-1502	Mount: vibration assem consisting of one base, one frame and two slide assem, with four 14 to 17 lb load rating cup type shock mounts, plus one wrench and miscellaneous hardware, 19-3/4" lg x 14-7/8" wd x 3-3/32" thk overall	Shock Mount for Modulator Dynamotor	-10507			1	618931-501	A-1502	1							3
A-1503	Mount: vibration assem consisting of one base, one frame and two slide assem, with four 22 to 25 lb load rating cup type shock mounts, plus one wrench and miscellaneous hardware, 19-3/4" lg x 14-7/8" wd x 3-3/32" thk overall	Shock Mount for Transmitter Receiver	-10508			1	618931-502	A-1503	1							4
A-1504	Mount: vibration assem consisting of one frame and two slide assem, with 50 to 60 lb load rating, cup type shock mounts and miscellaneous hardware	Shock Mount for Power Unit	-10592			1	618931-504	A-1504	1							3
A-1505	Junction box: steel, lusterless green enamel finish with removable cover and two mtg brackets, must be watertight under 15 ft of water for 1/2 hour and airtight with an internal air pressure of 6.5 lbs per sq in, 1 min less mtg bracket and cover 5-3/4" wd x 8-1/2" lg x 3-5/8" h	For Remote Headset and Microphone Terminal Box				1	618978-501	A-1505	2							1
A-1506	Junction box: assem consisting of steel box assem, two terminal boards, two phone jacks and water seal assem, one female connector and cap assem, one toggle switch and plate assem, and miscellaneous hardware; shall be watertight when immersed under a 6 ft head of water for 1/2 hour or tested with internal negative air pressure of 3 lbs per sq in	Remote Headset and Microphone Terminal Box				1	618980-501	A-1506	2							1
A-1507	Mount: vibration, load rating 35 to 40 lbs, sq cup type, 3" sq x 1-1/2" h overall; four 0.255" diam mtg holes on 2-1/2" x 2-1/2" centers, lusterless green finish	Replacement for A-1502				1	894399-3	A-1507	4							4
A-1508	Mount: vibration, load rating 40 to 50 lbs, sq cup type, 3" sq x 1-1/2" h overall; four 0.255" diam mtg holes on 2-1/2" x 2-1/2" centers, lusterless green finish	Shock Mount Replacement for A-1503				1	894399-4	A-1508	4							8
A-1509	Base: mounting, stainless steel, approx 21-1/2" lg x 13-1/4" wd x 1-29/64" thk overall	For Shock Mount Assem for A-1501 Receiver Unit and A-1502 Power Supply				167	618562-501	A-1509	3							2

10-33398-NVT-2

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TABLE B-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

PARTS

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS. JAN. OR NAVY TYPE DESIGN.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIGN.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS				
										BOX NO.	EQUIP. TRANSFER	BOX NO.	STOCK	
SHIPBOARD INSTALLATION KIT (Continued)														
A-1510	Frame: mounting assem consisting of two frames, three stiffeners, four washers and two spacers, 18-1/2" lg x 13-1/4" wd x 1-3/64" thk, four 0.343" diam holes on 15-1/2" x 10-1/4" mtg/c	Frame for Shock Mount Assem				1	619137-501	A-1510	2					
A-1511	Slide assem consisting of two stainless steel slide, one yoke, two dowel pins, one thumbscrew, one 1-1/2" diam hole at each end, four #12-24 tap holes at each end on 2-1/2" x 2-1/2" mtg/c, 15-3/8" lg x 5-1/16" wd x 1-1/4" thk overall	Right Hand Slide for Shock Mount Assem				1	727653-501	A-1511	3					
A-1512	Same as A-1511, except left hand	Left Hand Slide for Shock Mount Assem				1	727653-502	A-1512	3					
A-1513	Saddle: stainless steel, oval-shaped, formed from 0.078" thk stock, 1-1/8" wd x 1-3/4" lg inside dimen 3/16" h, formed sides with 11/32" sq hole centered, 9/16" at one end	Reinforcements for Keyhole Slots				1	893955-1	A-1513	12					
A-1514	Plate: mounting assem consisting of one stainless steel plate 0.050" thk x 2" OD and four equally spaced holes 0.147" diam with #6-32 tap, plate nuts on 1.531" diam mtg/c, 3/16" thk overall	For Switch S-1501				1	895853-501	A-1514	2					
A-1515	Plate: mounting, aluminum alloy die casting, 1-3/16" sq x 1/8" thk, 3/32" radius, four corners with 0.776" diam hole in center, one side countersunk to 0.891" diam and four 0.147" diam corner mtg holes countersunk one side to 0.250" diam, centered 0.900" apart	For Connector P-1505				1	895805-1	A-1515	2					
A-1516	Cap: assem consisting of aluminum cap 7/16" h x 1" OD with 7/8"-20 internal thd, one neoprene washer 3/32" thk, and a bead type chain #10 nickel silver, approx 3-1/2" lg overall	For Headset Connector P-1503				30	433921-5	A-1516	2					
A-1517	Mount: vibration, load rating 50 to 60 lbs sq cup type, 3" sq x 1-1/2" h overall, four 0.255" diam mtg holes on 2-1/2" x 2-1/2" centers, lusterless green finish	Replacement for A-1504				1	804390-5	A-1517	4	1	1	1	4	

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MY 2-2

TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIGN.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIGN.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS			
										EQUIP. TENDER	STOCK	BOX NO.	QUAN.
SHIPBOARD INSTALLATION KIT (continued)													
B-1501	Board: terminal, black molded bakelite, 2-7/8" lg x 7/8" wd x 13/32" thk overall, six brass screw term	For Remote Headset and Microphone Terminal Box A-1506				334 NO 6 140	430704-5	B-1501, 1502	4				
B-1502	Same as B-1501	For Remote Headset and Microphone Terminal Box A-1506											
H-1501	to H-1504 Not Used												
H-1505	Bolt: carriage, stainless steel, 5/16"-24 thd, 1-7/16" lg overall 15/16" lg thd, oval head 3/4" diam x 3/16" h with 5/16" sq x 7/32" thk shank between head and thd	For Shock Mount Assem				1	895012-1	H-1505	6				
H-1506	Bolt: carriage, stainless steel, 5/16"-24 thd, 2-1/2" lg overall, 2" lg thd, oval head 3/4" diam x 3/16" h, with 5/16" sq x 7/32" thk shank between head and thd	For Shock Mount Assem				1	895012-2	H-1506	6				
H-1507	Bolt: machine, hex head, stainless steel, 5/16"-24 thd, 1-5/16" lg overall, 1" lg thd, head 5/8" across flats, 3/16" thk, 30° chamfer, 3/32" at end	For Holding Frame and Shock Mount				1	893990-1	H-1507	6				
H-1508	Nut: hex, stainless steel, 5/16"-24 thd, 3/8" thk, 7/8" wd across flats, one side counterbored 1/2" diam x 5/32" d	For Attaching Carriage Bolt to Case				1	893930-1	H-1508	12				
H-1509	Nut: hex, stainless steel, 5/16"-24 thd, 5/16" thk, 5/8" wd across flats	For Attaching Carriage Bolt to Case				1	894313-1	H-1509	18				
H-1510	Boot: molded neoprene, black, durometer hardness approx 45, 2" diam x 1-1/8" h overall, with four 0.106" diam mcg holes equally spaced on 1.531" diam center line	Flexible Sheath for Switch Handle				1	895849-1	H-1510	2				
H-1511	Washer: neoprene, durometer 50 ±5%, 21/32" OD x 7/32" ID x 1/16" diam stock	For Water Seal O-1502				1	887824-2	H-1511	4				
H-1512	Washer: neoprene, durometer 50 ±5%, 13/64" OD x 5/64" ID x 1/16" diam stock	Washer for Bolt				1	887824-4	H-1512	8				
H-1513	Washer: neoprene, durometer 50 ±5%, 7/8" OD x 11/16" ID x 3/32" diam stock	Washer for Connector				1	887824-10	H-1513	2				
J-1501	Connector: female contact, assem consisting of one each: brass silver-plated adapter, nut, fitting, sleeve, and splicer, one polystyrene insulator, one beryllium copper silver-plated sleeve, and one neoprene gasket, approx 1-31/32" lg x 3/4" OD overall	Antenna Transmission Line Jack				699	438110-502	J-1501	1	1	1	1	2

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TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIGN.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DNG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS			
										BOX NO.	EQUIP. TENDER	STOCK	QUAN.
J-1502	Jack: telephone, for PL-55 plug, 1" diam x 1-5/32" lg overall, end of bushing threaded 3/8"-32 for 0.242" external thd for mtg phone jack	For Remote Readset Term Box A-1506				1	888536-1	J-1502	2				
J-1503	Jack: telephone, for two-conductor plug, 1-7/32" lg x 3/4" OD approx overall, 3/8"-32 thd x 9/32" lg, 0.2085" ID, three solder lug term	For Remote Microphone Terminal Box A-1506			31 382 791		889540-1	J-1503	2				
O-1501	Gasket: neoprene, 3/8" sq consisting of two pieces 5-1/4" lg and two pieces 8" lg	For Box A-1505			1		618978-8	O-1501	2				
O-1502	Water seal assem, brass body, black bakelite plug, with stainless steel hairpin loop and coil spring, 13/16" diam less spring and bracket x 15/16" overall, with 25/64" diam hole in bottom of body; spring and plug holder bracket extends 15/32" from side of body x 19/32"	For Readset and Microphone Jack			1235 XA 631896/ GI		887546-1	O-1502	4				
O-1503	Gasket: neoprene, grade PR, black, 60-70 durometer hardness, must withstand temp range of 60°F to 200°F, 0.938" OD x 19/64" thk, 0.750" ID for a depth of 0.175" one end, opposite end has 0.400" diam hole in center	For Waterseal O-1502			1		887545-1	O-1503	4				
O-1504	Spring: cap, 0.020" diam music wire, 32 turns per in, 0.093" OD, coiled, interlocked and soldered, forming a circle 13/16" ID	Waterseal Cap Spring			1		894319-1	O-1504	4				
P-1501	Coupling: female contact, 2.250" max lg x 5/8" OD, with #5-24 external thd each end	Antenna Transmission Line Coupling	UG-29/U RE 49F238A		1364		439173-1	P-1501	1	1	1	1	2
P-1502	Connector: plug assem consisting of one each brass body assem, contact pin, splicer nut, and clamping sleeve, one neoprene gasket, one rubber gasket, and one resin insulator, 2-11/16" max lg x 1-1/4" OD overall	Antenna Transmission Line Plug	UG-167/U RE 49F215		1		441622-501	P-1502	2	1	1	2	4
P-1503	Connector: female contact, five round contacts, straight 3/4" OD with 7/8"-20 coupling thd one end, with 1-3/16" sq x 3/32" thk mtg plate located 5/8" from thd end	Handset Plug Connector			30 AN3102 1455P		720971-18	P-1503	2				
P-1504	Connector: female, brass, with coupling nut at one end, 5/8"-24 internal thd and sleeve at opposite end, 7/16" ID, 1-15/16" lg overall, 500 v peak, 50 watts	Antenna Transmission Line Connector	UG-21/U RE 49F188		1		882328-1	P-1504	1	1	1	1	2

CONTRACT NXSr-60008

TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT															
SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DNG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO PER EQUIP.	SPARE PARTS					
										BOX NO.	QUAN.	EQUIP.	TENDER	STOCK	QUAN.
SHIPBOARD INSTALLATION KIT (Continued)															
P-1504	Pin: contact, brass, silver plated, 0.120" diam for 1/2" lg reducing to 0.065" diam for 1/8" lg tapering for 3/32" to a point one end, opposite end drilled 0.093" diam for d of 1/4" and with two 1/16" diam holes centered 1/8" from end, 23/32" lg overall	For Antenna Transmission Line Connector P-1504	RE 49F.88A			1	892849-1	P-1504A	1	1	1	1	1	2	2
S-1501	Switch: toggle, D.P.D.T., 110 v, 3 amps, 5/8" wd x 1-9/16" lg x 1-1/4" thk overall all with 1-1/8" lg x 3/16" diam toggle	For Remote Headset and Microphone Terminal Box A-1506				47	892854-1	S-1501	2						
W-1501	Cord: headset, flexible stranded cable, rubber insulated and jacketed, approx 5 ft lg with phone plug, Signal Corps type PL-55	Headset Extension Cord				669	892830-1	W-1501	1	1	1	1	1	2	1
W-1502	Cord: microphone, flexible stranded cable, rubber insulated and jacketed, approx 5 ft lg with 0.209" diam, three-contact phone plug, Signal Corps type PL-68	Extension Cord				669	892831-1	W-1502	1	1	1	1	1	2	1
	Spare parts box						619647-502			1					
	Spare parts box						619647-508							1	
	Wrench, double open end steel, 4-1/2" lg x 1-1/2" wd x 3/16" thk overall, 41/64" and 57/64" openings	For Shock Mount Assem				1	896242-2		3						

CONTRACT NXSr-60008

TABLE 8-5
LIST OF MANUFACTURERS
MAR RADIO EQUIPMENT
SHIPBOARD INSTALLATION KIT

CODE NUMBER	MFR. PREFIX	NAME	ADDRESS
1	CRV	Radio Corporation of America	Camden, N.J.
30	CPH	American Phenolic Corp.	1830 S. 54th St., Cicero, Ill.
31		American Radio Hardware Co.	476 Broadway, New York, N.Y.
47	CHH	Arrow-Hart & Hegeman Electric Co.	102 Hawthorne St., Hartford, Conn.
167		Dahlstrom Metallic Door Co.	1600 Walnut St., Phila., Pa.
334	CJC	Howard B. Jones Co.	2300 Wabansia Ave., Chicago, Ill.
382	CMA	Mallory & Co. Inc. (P.R. Yaxley Division)	3029 E. Washington St., Indianapolis, Ind.
669	CW	Western Electric Co., Inc. Factory	195 Broadway, New York, N.Y. 300 Central Ave., Kearney, N.J.
699	CUF	Ucinite Co. Division of United Can Fastener	1 Nevada St., Newtonville, Mass.
791	CDB	Bud Radio Co. Inc.	1937 E. 55th St., Cleveland, Ohio
1235	CPS	Sperling Products Co.	New York, N.Y.
1364		Kings Electronics	372 Classon Ave., Brooklyn, N.Y.

CONTRACT NXsr-60008

16-38398-WXYZ2

TABLE 8-1
LIST OF MAJOR UNITS
FIELD APPLICATION KIT
FOR NAVY MODEL MAR RADIO EQUIPMENT

QUANTITY	NAME OF MAJOR UNIT	NAVY TYPE DESIGNATION	SYMBOL GROUP
2	ANTENNA ACCESSORIES	CRF-19017	1001 - 1099
1	STORAGE BATTERIES (Government Furnished)	CRV-23485	1101 - 1199
1	REMOTE CONTROL UNIT	CCW-73037	1201 - 1299
1	GAS ENGINE GENERATOR	CRF-10402-A	1301 - 1399
1	FIELD ACCESSORIES	CRV-10485	1401 - 1499
1	BATTERY SHIPPING CHEST	CAVO-10486	
1	ACCESSORY BOX	CAAQ-10522	
1	CANVAS CARRYING CASE	CAAQ-10523	
1	SHIPPING CHEST	CAAQ-10524	
1	SHIPPING CHEST	CAAQ-10525	
1	SHIPPING CHEST	CANR-10621	
1	METAL CARRYING CASE FOR GAS ENGINE GENERATOR	CBDV-10602	
1	ANTENNA CARRYING CASE		

CONTRACT NXSP-60008

18-38397-02

TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	FIELD APPLICATION KIT					SPARE PARTS							
			AVS. JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	EQUIP. NO.	TENDER NO.	STOCK BOX NO.			
A-1002	Plug: buna, 7/16" diam tapering to 11/32" diam x 3/4" lg	Protects Cut of Holes		678424	678424	611 Size DI	895876-1	A-1002	1	1	1	1	1	1	5
A-1003	Plug: buna, 19/32" diam tapering to 13/32" diam x 1" lg	Protects Cut of Holes		678424-1	678424-1	611 Size 00	895876-3	A-1003	1	1	1	1	1	1	5
A-1004 to A-1011	Not Used														
A-1012	Cap: receptacle type, 3/4" OD x 3/8" thk, 5/8"-24 thd with head chain #10, 3" lg to center of 0.144" hole in end swivel	Watertight Cover for Cable Connector		221612.1		1	433921-4	A-1012	1						5
A-1013	Vise assem: consisting of an aluminum vise, chain assem, hook and handle 6-7/8" lg x 5-1/4" wd with handle in closed position v 4-1/4" thk	To Fasten Antenna Support to Tree		222639-86		1	722084-501	A-1013	1	1	1	1	1	1	2
A-1014	Case: antenna, plywood, 32-1/16" lg ID x 5-7/16" wd ID x 6-7/16" h ID, inner supports balsa and sponge rubber, olive drab cotton webbing sling approx 44" lg	Carrying Case		2A393-9		1	308137-1	A-1014	1	1	1	1	1	1	2
A-1015	Chain assem: consisting of screw, stainless steel, head 5/8" lg x 5/8" wd x 1/2" thk, with 3/8" slot for 3/8" body, 3/8"-16 thd for 3-1/8" drilled 11/32" d and #10-32 tan 5/16" d complete with #14.6 diamond chain, 1" pitch, 41.4" lg	Chain for Antenna Mounting Vise Assem				1	889551-501	A-1015	1						
A-1201	Pad: retainer, laminated phenolic, 3-1/4" lg x 1-1/2" wd x 3/16" thk, two holes each 0.136" diam for 3/32" and 5/16" diam for 3/32" on 9/16" x 15/16" centers	Battery Retainer		3B3250		1	719680-7	A-1201	1						
A-1202	Insulation: fish paper, 6-57/64" lg x 2-3/8" wd x 0.020" thk, two 0.102" mtg holes on 1.750" x 1/4" centers, two 0.102" mtg holes on 1.750" x 2.726" centers, two 0.102" mtg holes on 1.750" x 0.937" mtg/c, and two 0.173" mtg holes on 1.750" x 2.726" centers	Battery Box Liners				1	887261-1	A-1202	1						
A-1203	Insulation: fish paper, 3-57/64" lg x 2-3/8" wd x 0.020" thk, four 0.102" mtg holes on 1.750" x 0.937" centers	Battery Box Liners				1	887262-1	A-1203	1						

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18-38397-RNY2-6

TABLE 6-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS-JAN. OR NAVY TYPE DESIGN.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. DWG. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS								
										EQUIP.	TENDER	STOCK	BOX NO.	QUAN.	BOX NO.	QUAN.	BOX NO.	QUAN.
A-1204	Insulation: glass base, melamine laminate, 4-1/8" lg x 1-5/16" wd x 1/64" thk, one 0.173" diam mtg hole on 7/32" x 5/16" center, one 0.173" diam mtg hole on 3-11/16" x 5/16" center, two 0.173" diam mtg holes on 25/32" x 2-4/32" centers	Battery Box Insulator	17P5			1	887272-1	A-1204	1									
A-1205	Plate: glass base, melamine laminate, 4-1/8" lg x 1-5/16" wd x 3/16" thk, four holes 0.156" diam counterbored 00 one side, 19/64" diam x 3/32" d, two 0.136" diam holes counterbored 5/16" diam x 3/64" d	Battery Box End Plate	17P5			1	887273-1	A-1205	2									
A-1301	Case: watertight outer, aluminum, green wrinkle enamel finish, flush folding handle each end 2" lg x 14-3/8" wd x 9" h	Watertight Outer Case	-10485			1	307488-501	A-1301	1									
A-1401	Strap: retainer, olive drab cotton webbing 10" lg overall x 1-1/2" wd with 1-1/2" brass wire loop one end, 1-1/2" malleable brass frame web strap buckle other end	Retainer for Components Packed in Accessory Box				1363 MB6220-5-H	441635-1	A-1401	2									
A-1402	Strap: retainer, olive drab cotton webbing 18" lg overall x 1-1/2" wd with 1-1/2" brass wire loop one end, brass end clip other end	Retainer for Components Packed in Accessory Box				1363 MB6220-5-H	441635-2	A-1402	2									
A-1403	Washer: "C", stainless steel, 3/8" OD x 0.187" ID x 0.025" thk	C Washer for Panel Thumb-screw Retention				1	887277-1	A-1403	12									
C-1201	Capacitor: fixed, dry electrolytic, 50 mf +65% -10%, 25 v d.c. w, hermetically sealed in can with insulated paper sleeve outside, 1-17/32" lg x 11/16" diam, two axial wire leads 3" lg, mtg clamp 1/4" wd, extending 11/16" with two holes 11/64" diam	Battery Bypass	-482804			382 EP Special	95638-1	C-1201	1	1	1	1	1	1	1	1	1	1
B-1201	Hummer: microphone, four terminals marked +, -, 2, 1, 2, 1-27/32" lg x 1-3/8" wd x 1-3/4" h, two #8-32 thd mtg holes on 0.593" x 9/32" centers	MCW Hummer	-10491			733 Cat. RZ-7-N	887252-1	B-1201	1	1	2	1	3	2	5			
E-1202	Terminal board assen: two binding post type term stenciled "1 line 2 fnd", 2-5/16" lg x 1-5/16" wd x 1-13/32" thk	Line Terminal	17P5			1	887239-501	E-1202	1									
B-1203	Strap: knee, approx. 5-13/32" lg x 4-5/8" wd x 1-1/2" thk overall, complete with key holding bracket	Telegraph Key Knee Clamp				1363	884475-1	B-1203	1									

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TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS JAN OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR IS DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER KIT	SPARE PARTS									
										BOX NO.	QUAN.	EQUIP.	TENDER STOCK						
H-1001	Not Used																		
H-1006	Handle assem: consisting of a grooved handle riveted to a nut 5-1/8" lg x 1-13/32" wd x 2-23/32" thk overall	Handle for Antenna Mounting Vice Assem				1	889549-501	H-1007	1										
H-1007	Wrench: C.R. steel, "W" shaped, 3-15/32" lg x 3/8" thk x 1-3/32" wd with 1/2" x 1/4" cutout one end, other end 1/8" diam for 1/2"	For Rods E-1001, 1002 and Screw Ring A-1009		6R37522-4		1	880981-1	H-1008	1	1	1	1	3	2	5				
H-1009	Accessories: antenna consisting of vise assem, wrench, cable assem, cap assem, two plugs packed in carrying case 32-3/4" lg x 8-3/4" wd x 7" d complete with 44" carrying sling	Antenna Accessory Set		2A1671		1	887563-501	H-1009	1										
H-1010	Cap and ring assem: consisting of aluminum plug type cap 5/8" lg with 5/8"-24 thd, bead chain 3-1/2" lg between centers of end links and brass ring 9/16" ID x 11/16" OD	Cap for Antenna Cable Plug P-1001				1	439594-501	H-1010	2										
H-1201	Washer: buna S, 0.359" ID x 3/4" OD x 0.015" thk	Jack Sealing Washer		228273-8		1	60178-15	H-1201	5	1	3	1	5	2	10				
H-1202	Gasket: neoprene, grad PR, durometer 60/70, 0.928" diam x 19/64" thk, 0.400" hole in center	Water Seal Gasket		224866.10		1045 32441934	887545-1	H-1202	3	1	3	1	6	2	12				
H-1203	Gasket: buna S, durometer 45, 2-5/16" lg x 1-5/16" wd x 1/64" thk, one center hole 1-7/8" lg x 7/8" wd, four 0.156" mtg holes on 1-15/16" x 15/16" centers	Gasket for Terminal Board		224866.28		1	887231-1	H-1203	1	1	1	1	2	2	4				
H-1204	Boot: buna S, 1-17/32" diam x 0.790" h, four 0.147" diam mtg holes on 0.812" x 0.875" centers	Telegraph Key Boot		22760-9		992 NO 1245	887519-1	H-1204	1	1	1	1	2	2	4				
H-1205	Ring: aluminum, 1-17/32" OD x 29/32" ID x 0.051" thk, four 0.156" diam holes on 0.875" x 0.812" centers	Holder for H-1204		227958-64		1	887518-1	H-1205	1										
H-1206	Ring: brass, 1-1/2" diam x 1/8" thk, 1-11/32" from edge to flat, 1/2" diam center hole, 3/4" counterbore, 1/16" d, four #6-32 tapped mtg holes on 0.875" x 0.812" diam centers	Telegraph Key Securing		227958-65		1	887521-1	H-1206	1										
H-1207	Boot: neoprene, durometer 45, 1-15/16" lg x 1-3/16" wd x 31/32" h, two 0.140" diam holes on 1-5/8" x 19/32" centers	Boot for MCW Phone Switch		22760-10		1609 Dwg. NB 100	887561-1	H-1207	1	1	1	1	2	2	4				
H-1208	Support: aluminum, 2.0375" lg x 1.475" wd x 1/8" thk, 0.060" material thickness, center hole 1" diam, two 0.156" diam holes on 1.625" x 11/16" mtg/c	Gasket Retainer for S-1202		229057-38		1	887550-1	H-1208	1										

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TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	ANS., JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	SPARE PARTS				
										EQUIP. TENDER	STOCK	QUAN.	BOX NO.	QUAN.
FIELD APPLICATION KIT (Continued)														
H-1209	Clamp: mtg, 0.037" thk steel shaped to 7/8" ID, two mtg feet 3/8" wd, two holes 7/32" lg x 5/32" wd on 1-5/16" mtg/c	Mtg for T-1202			27856-66	1	720839-506	H-1209	1	1	1	1	1	
H-1210	Gasket: molded neoprene, durometer 35, inside dimen 5.267" sq, wall 3/8" thk x 21/64" wd	Panel Seal Gasket			24868.434	1	433538-7	H-1210	1					
H-1211	Nut: round, stainless steel, 9/32" OD x #6-32 thd ID x 1/4" lg	Retainer for Line Terminal Board				1	887531-1	H-1211	4					
H-1212	Nut: round, stainless steel, 5/16" OD x #8-32 thd ID x 1/4" lg	Hammer Lock Nut				1	887531-2	H-1212	2					
H-1213	Washer: stainless steel, 1/2" OD x 1/4" ID x 0.032" thk	Holding Screw Retainer				1	868141-12	H-1213	8					
H-1214	Screw: thumb, stainless steel, 1/2" head for 1/4", shaft 0.218" diam for 1-3/8" with undercut 0.032" x 1/2" from head, #12-24 thd for 5/8"	Panel Holding Thumbscrew			6L17112-26F	1	887265-3	H-1214	8					
H-1215	Washer: neoprene, durometer 55, 3/4" OD x 0.375" ID x 0.070" thk	Rubber Watertight Gasket				1	887502-1	H-1215	1					
H-1216	Spacer: brass, 5/16" diam x 3/8" lg, 0.147" diam hole thru center	Support for Capacitor C-1201				1	888759-1	H-1216	1					
H-1401	Pastener assem: consisting of stainless steel shell made from strip 0.032" thk x 3-19/64" wd x 11-11/16" lg; bent into tube 0.750" sq. Inside, shaft with two slots 1-1/4" x 0.250", assem with knob and four buttons	Inner Case Pastener				1	433913-501	H-1401	4	1	4	2	4	
H-1402	Washer: stainless steel, 1/2" OD x 9/32" ID x 0.032" thk	Backing Washer for Fastening Panel Thumbscrew				1	868141-10	H-1402	12					
H-1403	Not Used													
H-1404	Screw: thumb, stainless steel, 1/2" head for 1/4", shaft 1/4" diam for 1-5/8" with undercut 0.032" x 1/2" from head, 1/4"-28 thd for 7/8"	Panel Fastening Thumbscrew				1	887265-2	H-1404	12					
H-1405	Holder: stainless steel, 5/8" hex x 17/32" lg, tapped 7/16"-28 thd for 3/8" one end, 0.562" diam other end	Holder for Frame Retaining Pin Assem				1	887570-1	H-1405	2					
H-1406	Pin: stainless steel, 3/8" diam x 1" lg, 0.246" diam hole for 9/16"	Pin for Holder H-1405				1	887571-1	H-1406	2					
H-1407	Nut: stainless steel, 5/8" hex x 7/16" lg, 7/16"-28 thd for 5/16", 0.312" diam hole thru center	Nut for Holder H-1405				1	887572-2	H-1407	2					

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TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIG.	NAME OF PART AND DESCRIPTION	FUNCTION	FIELD APPLICATION KIT (Continued)				SPARE PARTS						
			AVS. JAN. OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. OF PER ROUTE	BOX NO.	EQUIP. TENDER QUAN.	STOCK ON XCR QUAN.	
HS-1201	Headset: 6-1/4" h x 5-5/8" wd x 4-1/8" d, approx, adjustable band approx 5-3/4" h in closed position, includes ring 3-1/8" lg with cord approx 5" lg	Headset	-49507		2B955	609 CW 49507	433938-1	HS-1201	1	1	1	2	4
J-1201	Jack: rubber sealed, one-circuit, 1-3/8" h x 2" lg overall, including 3/8"-32 thd one end, two rubber insulated leads 16/0.0005 wire lengths from rear of boot, black 4-3/8", green 5-5/8"	Phone Jack	-49881		2Z5595-6	1045 PT 1X41853	438280-2	J-1201, 1202	2	1	1	2	4
J-1202	Same as J-1201	Key Jack	-49881		2Z5595-6								
J-1203	Jack: microphone, rubber sealed, open two circuit, 1-3/8" h x 2" lg overall, including 3/8"-32 thd one end, three rubber insulated leads 16/0.0005 wire lg from rear of boot, black 4", green 4-3/4", white 3-3/4"	Microphone Jack	-49882		2Z5595-2	1045 PT 1X41851	438280-3	J-1203	1	1	1	2	2
MI-1201	Lip microphone assem: consisting of lip microphone 2-7/8" wd x 1-3/4" h approx, with lip piece 15/16" wd, fastening cord 5-7/8" lg approx one side, 13-1/2" lg approx other side, plug 2-1/4" lg, two snap buttons	Lip Microphone	-51071		2B1750-2	609 CW 51071	433939-1	MI-1201	1	1	1	2	4
O-1101	Filler: battery, 2-3/4" diam bulb, 3/8" diam stem, 10-1/2" overall lg	Battery Filler Syringe											
O-1201	Spring: music wire, 0.020" diam, 32 turns/in., formed into a coil 13/16" ID x 0.9055" OD x 1/4" lg	Jack Gasket Holder			2Z8879-13B	1205 MG RP 17	889296-1	O-1101	1				
O-1202	Water seal assem: 1-9/32" lg x 13/16" OD x 15/16" thk	Water Seal Assem for Jack						O-1201	3	1	3	2	3
O-1203	Spring: beryllium copper, 1-7/16" lg x 1/2" wd x 1/4" thk, 0.010" material thickness	Battery Contact Spring						O-1202	3	1	3	0	9
O-1204	Spring: beryllium copper, 2-1/4" lg x 1/2" wd x 1/4" thk, 0.010" material thickness	Battery Contact Spring						O-1203	2				
O-1401	Spring: phosphor bronze, 3" lg x 9/16" wd x 1/8" thk, 0.008" material thickness	Grounding Spring for Outer Case						O-1204	1				
O-1402	Spring: phosphor bronze, 2-1/4" lg x 9/16" wd x 1/8" thk, 0.008" material thickness	Grounding Spring for Outer Case						O-1401	6				
O-1403	Spring: music wire, 8 turns of 0.035" diam wire, 1" free length, 0.234" OD	Spring for Frame Retaining Pin Assem						O-1402	2				
O-1404	Spring: music wire, 8 turns of 0.035" diam wire, 1" free length, 0.234" OD	Spring for Frame Retaining Pin Assem						O-1403	2				

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TABLE 8-2 COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL MAR RADIO EQUIPMENT															
SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	AWS, JAN, OR NAVY TYPE DESIG.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIG.	CONTRACTOR'S DWG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	SPARE PARTS						
									TOTAL NO. OF EQUIP.	BOX NO.	QUAN.	BOX NO.	QUAN.	BOX NO.	QUAN.
S-1201	Switch: detent, two-position, six contacts 1-7/8" lg x 21/32" thk, notched handle extends 31/32"	MCR Phone Switch			379558	747	433543-1	S-1201	1	1	1	1	1	1	1
S-1202	Switch: interlock, normally open, mushroom, 1-15/16" lg x 11/16" wd x 1-3/4" h	Telegraph Key	-24178		379558-34.4	762 Ckt. YZ RQ1	876185-1	S-1202	1	1	1	1	1	1	1
S-1203	Key: telegraph, waterproof, 5" lg x 1-7/8" h x 1-15/16" wd, with cable 65" lg including plug	Telegraph Key with Knee Clamp	-26020 Key -10531 Clamp		323602-9	1363 Model 288	439146-502	S-1203	1	1	1	1	1	1	1
T-1201	Transformer: AF, microphone, hermetically sealed, 2-5/16" lg x 1-1/2" wd x 2-5/32" h; pri: 272-1/2 turns #33 8 wire 14 ohms d.c. resistance; secd #1: 760-1/2 turns #37 8 wire 84 ohms d.c. resistance; secd #2: 638-1/2 turns #37 8 wire 80 ohms d.c. resistance; six post type term 15/32" lg, two 0.199" mtg holes on 1-15/16" x 3/4" centers	Line Matching Transformer	-301846		229631-309	1 XT-4003	901791-501	T-1201	1	1	1	1	1	1	1
T-1202	Transformer: power, 0.937" diam, 2-5/32" lg overall; pri: 559 turns #37 8 wire, 56.9 ohms d.c. resistance; secd: 559 turns #33 8 wire, 10.5 ohms d.c. resistance, four post type terminals 9/16" lg	Hummer Output Transformer	-301847		229632-436	1 XT-4766	901814-501	T-1202	1	1	1	1	1	1	1
W-1001	Cable assem: consisting of 50 ft. 3-1/2" lg of AN type RG 8/U coaxial cable with AN type UG 21/U connector plug each end	Antenna Cable	JAN C-17 RB 49P188		384400-20	1	722281-506	W-1001	1	1	1	1	1	1	1
W-1002	Cable assem: consisting of 10 ft 3-1/2" lg of AN type RG 8/U coaxial cable with AN type UG 21/U connector plug each end, complete with two cap and ring assem R-1006	Antenna Cable	JAN C-17 RB 49P188		384400-21	1	722281-507	W-1002	1	1	1	1	1	1	1
W-1101	Cable assem: set, battery, two 23" lg cables, one black and one white, each consisting of #4 AWG 7/01/010 tinned copper wire insulated, mounted on laminated phenolic board 5" lg x 2-1/2" wd x 1/8" thk, 27-1/4" lg overall, including four lug type term	Battery Interconnection Cable	RB 13A737		384400-19	1	445546-501	W-1101	1	1	1	1	1	1	1

TABLE 8-2
COMBINED PARTS AND SPARE PARTS LIST BY SYMBOL DESIGNATION FOR NAVY MODEL
MAR RADIO EQUIPMENT

SYMBOL DESIGN.	NAME OF PART AND DESCRIPTION	FUNCTION	FIELD APPLICATION KIT (Continued)					SPARE PARTS								
			AVS. JAN. OR NAVY TYPE DESIGN.	NAVY STOCK NO.	ARMY STOCK NO.	MFR. AND MFR'S DESIGN.	CONTRACTOR'S DNG. AND PART NO.	ALL SYMBOL DESIGNATIONS INVOLVED	TOTAL NO. PER EQUIP.	BOX NO.	QUAN.	EQUIP. TRENDER	BOX NO.	QUAN.	STOCK NO.	QUAN.
W-1201	Cord: 11p mic extension, approx 60" lg U.S.S.C. JK-48 jack one end, press-to-talk switch approx 11" from tip of jack U.S.S.C. PL-48 three-contact plug other end	Microphone Ext Cord	-49561		3E1318	669	433990-1	W-1201	1	1	1	1	1	2	2	4
W-1202	Cord: headset ext, consisting of cord, plug U.S.S.C. type PL-55 and jack JK-26 65-1/8" overall lg	Headset Ext Cord	-49534		3E1307A-5.6	669	888765-1	W-1202	1	1	1	1	2	2	4	
W-1301	Cable assem: consisting of a two-conductor cable #3 AWG 19/7/.0201 strands aluminum wire, 0.008" aluminum wire shielding 0.596" OD x 300" lg, complete with a AN 3106/22/16S 101-W connector each end	Gas Engine Generator to Modulator Unit Cable	-62251			1	722627-501	W-1301	2							
	Air dryer: silica gel assem, sealed container 4-1/8" lg x 2-1/8" wd x 9/16" thk	Silica Gel Air Dryer	-10495		2Z3602-18	1	888713-501		12	1	8	1	16	2	24	
	Spare parts box	Spare Parts Box				1	618982-503				1					
	Spare parts box	Spare Parts Box				1	618982-513						1			

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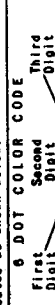
TABLE 8-4 APPLICABLE COLOR CODES & MISCELLANEOUS DATA

RESISTOR AND CAPACITOR CODES

MICA CAPACITOR CODING

Values of capacitance and tolerance are coded identically on both R.M.A. 6 dot and A.S.S. coded capacitors. Only the coding of the sixth (lower left) dot differs between the two.

R. M. A. CODE
R.M.A. coded capacitors have 3 or 6 dots located as shown below



D-C Working Voltage
Oh capacitors bearing 6 dots, the upper .3 dots become the first 3 figures. When the "Zero Add" (lower right) dot is added, the capacitance is determined by the first 4 digits. The other two dots show the percentage tolerance and the voltage rating.

EXAMPLE:
Green, Red, Green
125 x 0 = 1250 mfd
10% tolerance
500 v d-c working voltage

100 v d-c working voltage

10% tolerance

500 v d-c working voltage

10% tolerance

500 v d-c working voltage

10% tolerance

500 v d-c working voltage

10% tolerance

500 v d-c working voltage

10% tolerance

500 v d-c working voltage

10% tolerance

500 v d-c working voltage

10% tolerance

500 v d-c working voltage

10% tolerance

500 v d-c working voltage

10% tolerance

500 v d-c working voltage

10% tolerance

500 v d-c working voltage

10% tolerance

500 v d-c working voltage

10% tolerance

500 v d-c working voltage

A. S. S. CODE
A.S.S. coded capacitors may have a coded "Type Designation" of 6 colored dots as shown below.



TYPE DESIGNATION
CM 20 A 050 M

Component Case Characteristic Capacitance Tolerance

COMPONENT: All mica capacitors are identified by "CM".

"CASE" identifies external shape and dimensions.

"CHARACTERISTIC" identifies temperature coefficient and "q".

"CAPACITANCE": The first 2 digits are the first 2 figures of the capacitance, in mfd. The third digit determines the number of zeros to add. The last 2 digits are used, all except the last, are figures of capacitance. The last determines the number of zeros to add.

EXAMPLE: The above type designation identifies the capacitance as 5 mfd and the tolerance as 20 per cent.

For specific information see Publication C75-3 - caps of the American Standards Association.

6 DOT COLOR CODE

Orange
Black
Black
033 + 00 = 3300 mfd capacitance
10% tolerance
"M" characteristic

for mica capacitors of the shape shown below

The capacitance in microfarads (mfd) is stamped on the capacitor. The first two numbers show the tolerance, as follows:

Green 2-5% Blue 10%
Black 5% Yellow 20%
Red 30%

100 microfarads

capacitance

in

microfarads

100 microfarads

capacitance

in

microfarads

100 microfarads

capacitance

in

microfarads

100 microfarads

capacitance

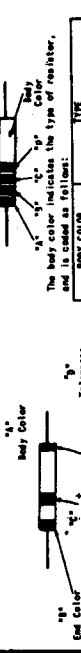
COLOR IDENTIFICATION FOR MICA CAPACITORS

COLOR	DIGITS and ZERO ADD	R.M.A. A.S.S.	TOLEANCE	R.C.A. mica (R.M.A.)	D-C VOLTAGE CHARACTERISTIC (A.S.S.)
BLACK	0	08			A
BROWN	1	15			B
RED	2	25 (G)			C
ORANGE	3	35			D
YELLOW	4	45			E
GREEN	5	55			F
BLUE	6	65			G
VIOLET	7	75			H
GRAY	8	85			I
WHITE	9	95			J
GOLD	†	105 (K)			K
SILVER	†	205 (M)			L
NO COLOR					

†When the "ZERO ADD" color is GOLD, multiply the number obtained from "A" and "B" by 0.1 to get capacitance in mfd; when it is SILVER, multiply the number by 0.01.

RESISTOR CODING

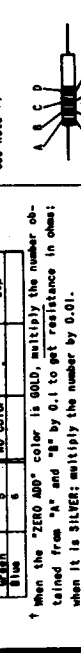
(Composition and Low Power Wire Wound Resistors) THE R.M.A. CODING AND A.S.S. CODING FOR THESE RESISTORS ARE IDENTICAL



TO FIND RESISTANCE IN OHMS FROM COLOR CODING: Obtain the digits identified by the colors of "A", "B", and "C" from the following table:

COLOR	Digit or Zero Add	Digit or Zero Add	Tolerance
Black	0	Violet	7
Brown	1	Blue	8
Red	2	Green	9
Orange	3	Yellow	10%
Yellow	4	Silver	20%
Green	5	No Color	20%
Blue	6		

†When the "ZERO ADD" color is GOLD, multiply the number obtained from "A" and "B" by 0.1 to get resistance in ohms; when it is SILVER, multiply the number by 0.01.



EXAMPLE: A 5 x C zero = 25 x 3 zeros = 25,000 ohms Resistance is 25,000 ohms Tolerance: in per cent

MICA CERAMIC CAPACITOR CODING

When the "ZERO ADD" color is GOLD, multiply the preceding digits by 0.1 for capacitance in mfd; when the "ZERO ADD" color is SILVER, multiply by 0.01

COLOR	DIGIT	ZERO ADD	TOLEANCE	TEMP. COEFFICIENT [PPM/FD/°C.]
BLACK	0	0		0
BROWN	1	1	5%	-0.30 x 10 ⁻⁴
RED	2	2	10%	-0.60 x 10 ⁻⁴
ORANGE	3	3	15%	-1.5 x 10 ⁻⁴
YELLOW	4	4	20%	-2.2 x 10 ⁻⁴
GREEN	5	5	25%	-3.3 x 10 ⁻⁴
BLUE	6	6	30%	-4.7 x 10 ⁻⁴
VIOLET	7	7	35%	-7.5 x 10 ⁻⁴
GRAY	8	8	40%	
WHITE	9	9	45%	

EXAMPLE: 11 + 0 = 110 mfd capacitance ±5% tolerance -0.60 x 10⁻⁴ mfd/mfd/°C. Temperature coefficient Inferred: 500 volt rating

11 + 0 = 110 mfd capacitance ±5% tolerance -0.60 x 10⁻⁴ mfd/mfd/°C. Temperature coefficient Inferred: 500 volt rating

11 + 0 = 110 mfd capacitance ±5% tolerance -0.60 x 10⁻⁴ mfd/mfd/°C. Temperature coefficient Inferred: 500 volt rating

TABLE 8-5
LIST OF MANUFACTURERS
FIELD APPLICATION KIT
FOR NAVY MODEL MAR RADIO EQUIPMENT

CODE NUMBER	MFR. PREFIX	NAME	ADDRESS	CODE NUMBER	MFR. PREFIX	NAME	ADDRESS
1	CRV	Radio Corporation of America	Camden, N.J.	1638	CAAQ	Belber Trunk Co.	Woodbury, N.J.
114	CEB	Cannon Electric Development Co.	3201 Humboldt St. Los Angeles, Calif.	1639	CANR	Harry Myers Co.	New York, N.Y.
340	CAVO	Kelley and Hueber	4052 Raverford Ave. Philadelphia, Pa.				
382	CMA	P.R. Mallory & Co. Inc. (Yakley Division)	3029 E. Washington St. Indianapolis, Ind.				
492		Pierce Roberts Rubber Co.	Trenton, N.J.				
611		Stockwell Rubber Co.	533 Arch St. Philadelphia, Pa.				
669	CW	Western Electric Co. Inc. Factory	195 Broadway, New York, N.Y. 300 Central Ave. Kearney, N.J.				
727	CBN	Central Radio Lab. (Centralab)	900 E. Keefe Ave. Milwaukee, Wis.				
733	CKU	Kurman Electric Co. Inc.	241 Lafayette St. New York, N.Y.				
762	CMU	Micro Switch Corp.	Freeport, Ill.				
938	CCW	Atlas Aircraft Products Corp.	405 E. 42nd St. New York, N.Y.				
1045	CGG	Galvin Mfg. Corp.	4545 W. Augusta Blvd. Chicago, Ill.				
1205	CRF	Radiart Corp.	3571 W. 62nd St. Cleveland, Ohio				
1235	CPS	Sperling Products Co.	New York, N.Y.				
1363		Brelco Corp.	55 Van Dam St. New York, N.Y.				
1455	CRDV	Dow Chemical Co.	Midland, Mich.				
1609		Non-Breakable Button Corp.	Milwaukee, Wis.				

18-3839 P-WY12

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