

Class 66—Antennas—Antenna Assemblies

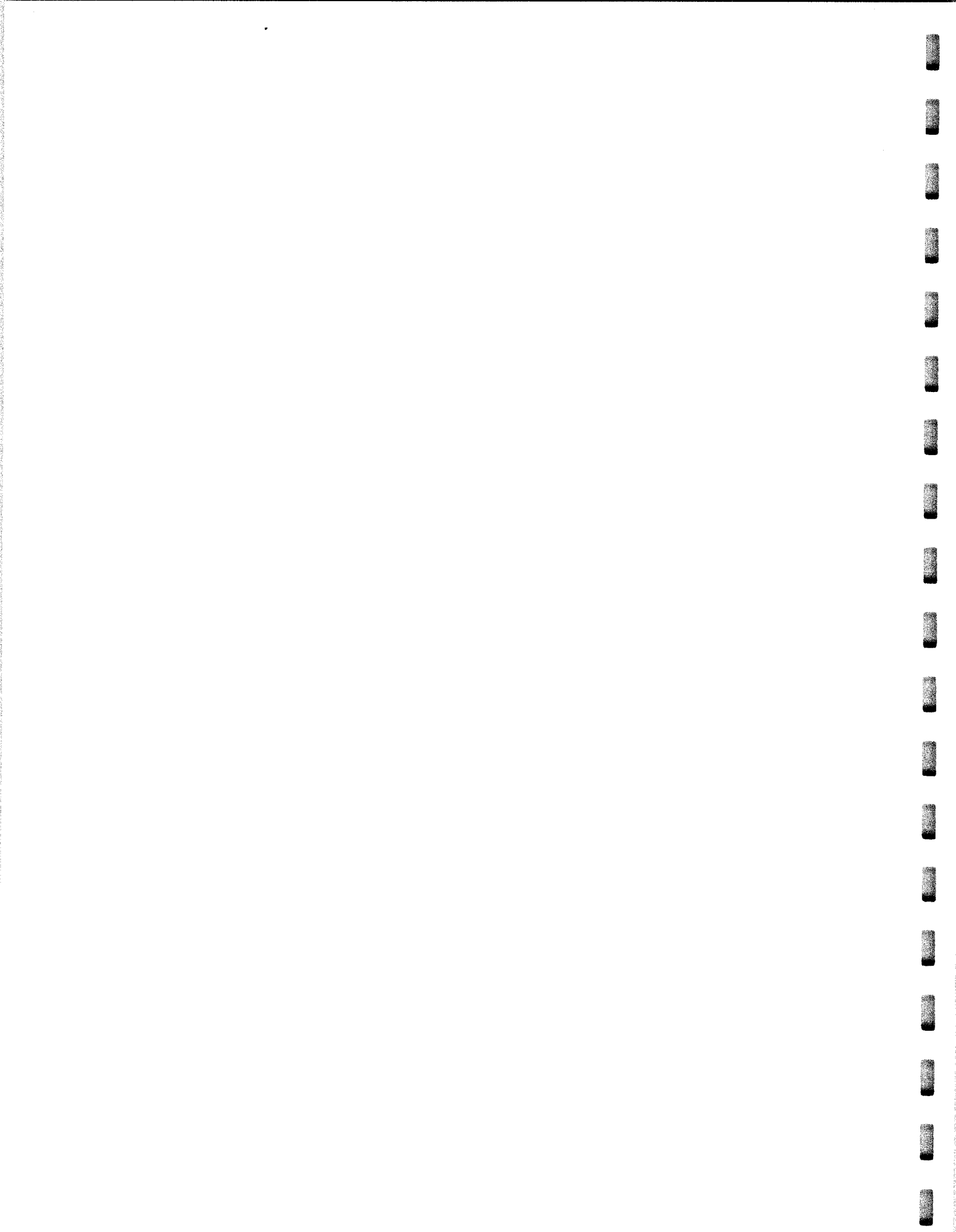
CLASS 66

ANTENNAS & ANTENNA ASSEMBLIES

**INCLUDES: DUNNY ANTENNAS
PHANTOM ANTENNAS**

CONFIDENTIAL

NAVSHIPS 900,109



Class 66—Antennas—Antenna Assemblies

3.66-1

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CBY 66000 GF ANTENNA - PHANTOM CONSISTS OF ONE RESISTOR AND ONE CAPACITOR CONNECTED IN SERIES.			CFM 66008 T80 & T80-1 ANTENNA MAST SECTION NO. 3 FIFTH SECTION FROM TOP OF FLAGELLIFORM ANTENNA. SEAMLESS CHROME MOLYBDENUM STEEL TUBING 3 FT 7-7/8 IN LONG, WITH SCREW FITTINGS ON BOTH ENDS.			CRV 66016 TBS ANTENNA ASSEMBLY FOR SUBMARINES.		
3/17/33 NOV. 41			3/23/37 NOV. 41		CG:T-7660461 REV 4	8/3/38 NOV. 41		HX-242184 REV 0
CAY 66001 TAV-2 ANTENNA ASSEMBLY (66001A ANTENNA SYSTEM FOR TAV-4).		CAY-T-113	CFM 66009 T80 & T80-1 ANTENNA MAST SECTION NO. 2 SIXTH SECTION FROM TOP OF FLAGELLIFORM ANTENNA. SEAMLESS CHROME MOLYBDENUM STEEL TUBING 3 FT 8-1/8 IN LONG, WITH SCREW FITTINGS ON BOTH ENDS.			CAG 66017 LP DUMMY ANTENNA UNIT		
7/24/33 NOV. 41			3/23/37 NOV. 41		CG:T-7660461 REV 4	12/21/38 418C NOV. 41		
CM-66002 GP-1 ANTENNA LOADING UNIT CONSISTS OF TWO INDUCTANCE COILS AND 5-POSITION TAP SWITCH. SIZE: 7" X 7" X 4".			CFM 66010 T80 & T80-1 ANTENNA MAST SECTION NO. 1 BOTTOM SECTION OF FLAGELLIFORM ANTENNA. SEAMLESS CHROME MOLYBDENUM STEEL TUBING 3 FT 5-3/4 IN LONG, WITH SCREW FITTING ON ONE END AND PLAIN FITTING ON OTHER END.			CFI 66018 YE ANTENNA & ANTENNA DRIVE UNIT. DIRECTIVE ANTENNA.		
12/11/34 NOV. 41		ESL-604420 ESO-610462	3/23/37 NOV. 41		CG:T-7660461 REV 4	6/29/39 NOV. 41		CH-165 ALT A
CBY 66003 GF-3. 4 PHANTOM ANTENNA RESISTANCE 20 OHMS. CAPACITANCE .09DI MFD. POWER RATING 20 WATTS.			CFM 66011 T80 & T80-1 ANTENNA INSULATED BASE SECTION. MYCALEX WITH DURAL CAP ON ONE END AND STAINLESS STEEL STUB SHAFT ON THE OTHER END. OVERALL LENGTH 7-3/16" LONG.			CFM 66019 TBX ANTENNA MAST SECTION TOP SECTION.		
7/2/36 NOV. 41			3/23/37 NOV. 41		CG:T-7660461 REV 4	8/23/39 NOV. 41		K-7874388 REV 2 T-7660765 REV 2
CFM 66004 T80 & T80-1 ANTENNA MAST SECTION NO. 7. TOP SECTION OF FLAGELLIFORM ANTENNA. SEAMLESS CHROME MOLYBDENUM STEEL TUBING, 3 FEET 6-3/4 INCHES LONG, WITH SCREW FITTINGS ON ONE END AND THE OTHER END PLUGGED.			CFM 66012 T80 & T80-1 GROUND STAKE BODY OF STAKE CHROME MOLYBDENUM TUBING WITH INSERTED HEAD AND POINT OF STAINLESS STEEL, 14-11/32" LONG.			CFM 66020 TBX ANTENNA MAST SECTION SECOND AND THIRD FROM TOP.		
12/29/36 NOV. 41		CG:T-7660461 REV 4	3/23/37 NOV. 41		CG:T-7660461 REV 4	8/23/39 NOV. 41		K-7874388 REV 2 T-7660765 REV 2
CFM 66005 T80 & T80-1 ANTENNA MAST SECTION NO. 6 SECOND FROM TOP OF FLAGELLIFORM ANTENNA. SEAMLESS CHROME MOLYBDENUM STEEL TUBING 3 FT 7-1/4 IN LONG, WITH SCREW FITTINGS ON BOTH ENDS.			CCR 66013 T80 & T80-1 GUY STAKE SHEET STEEL; 9" LONG.			CFM 66021 TBX ANTENNA MAST SECTION FOURTH FROM TOP.		
3/23/37 NOV. 41		CG:T-7660461 REV 4	3/23/37 NOV. 41		CG:T-7660461 REV 4	8/23/39 NOV. 41		K-7874388 REV 2 T-7660765 REV 2
CFM 66006 T80 & T80-1 ANTENNA MAST SECTION NO. 5 THIRD FROM TOP OF FLAGELLIFORM ANTENNA. SEAMLESS CHROME MOLYBDENUM STEEL TUBING 3 FT 7-1/2 IN LONG, WITH SCREW FITTINGS ON BOTH ENDS.			RA-66014 XAE DIRECTOR - DETECTOR		RA 68F 202 NO REV.	CFM 66021-A TBX-6, TBX-7 ANTENNA MAST SECTION SAME AS -66021 EXCEPT GUY LINE CONNECTION WILL SWIVEL.		
3/23/37 NOV. 41		CG:T-7660461 REV 4	7/28/38 NOV. 41			2/14/44 MAR. 44		T-7660765 REV 12
CFM 66007 T80 & T80-1 ANTENNA MAST SECTION NO. 4 FOURTH SECTION FROM TOP OF FLAGELLIFORM ANTENNA. SEAMLESS CHROME MOLYBDENUM STEEL TUBING 3 FT 7-5/8 IN LONG, WITH SCREW FITTINGS ON BOTH ENDS.			CRV 66015 TBS ANTENNA - ASSEMBLY FOR DESTROYERS.			CFM 66022 TBX ANTENNA MAST SECTION FIFTH, SIXTH AND SEVENTH FROM TOP.		
3/23/37 NOV. 41		CG:T-7660461 REV 4	8/3/38 NOV. 41		TX-261260 REV 1	8/23/39 NOV. 41		K-7874388 REV 2 T-7660765 REV 2
			ASSIGNED ISSUED			ASSIGNED ISSUED		
DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER

CONFIDENTIAL

NAVSHIPS 900,109

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CFM 66023 TBX ANTENNA BASE SUPPORT FOR REPLACEMENT USE -66023A.			RA-66029 XAO ANTENNA & ANTENNA DRIVE UNIT. VERTICAL DOUBLET. FREQUENCY RANGE 132 TO 156 MC; ANTENNA DRIVE UNIT OPER- ATES FROM 110 VOLTS, SINGLE PHASE, 60 CYCLES.			CRY 66036 YE-1 ANTENNA ASSEMBLY INCLUDES ANTENNA ELEMENTS, SUPPORT, AND DRIVING (ROTATING) EQUIPMENT.		
Ø CG:K-7874388 REV 2; CG:T-7660765 REV 2 8/23/39 Ø SEE ABOVE AUG. 42			4/18/41 NOV. 41			*M1-8520-1.2; M1-8521; M1-8522 2/2/42 *SEE ABOVE T-620777 SUB 1 AUG. 42		
CFM 66023A TBX-2 ANTENNA BASE SUPPORT; MECHANICALLY INTERCHANGEABLE WITH TYPE -66023, BUT HAS LARGER INSULATOR.			RA-66030 * SEE BELOW UNTUNED ANTENNA FREQUENCY RANGE 132 TO 156 MC.			CRY 66037 YG ANTENNA ASSEMBLY; CONSISTS OF ANTENNA AND DRIVE UNIT.		
8/20/42 CG:T-7660765-2 AUG. 42 REV 10			* FOR USE WITH XAP. 4/18/41 NOV. 41			3/2/42 APR. 42		
CFM 66023-B TBX-B ANTENNA BASE SUPPORT SAME AS -66023-A EXCEPT "RAJAH" STUD IS REPLACED BY SCREW TYPE. BINDING POST.			RA-66031 * SEE BELOW ANTENNA AND ANTENNA DRIVE UNIT. FREQUENCY RANGE 132 TO 200 MC; ANTENNA DRIVE UNIT OPERATES FROM 110 VOLTS, SINGLE PHASE, 60 CYCLES; USED IN CONNECTION WITH TYPE RA-23179 ANTENNA CONTROL UNIT. * FOR USE WITH XAP. 4/18/41 NOV. 41			CPS 66038 OF-1 WHIP ANTENNA		
6/3/44 C-SA-1739 CGQ:C-SA-1739-C SEPT. 44						3/5/42 APR. 42		
CFM 66024 TBX ANTENNA GROUND STAKE			RA 66032 XAO ANTENNA AND ANTENNA DRIVE UNIT. VERTICAL DOUBLET. FREQUENCY RANGE 132 TO 200 MC. ANTENNA DRIVE UNIT OPER- ATES FROM 110 V. SINGLE PHASE, 60 CYCLES			CRY 66039 * SEE BELOW ANTENNA ASSEMBLY; CONSISTS OF A DIPOLE APPROXIMATELY A HALF LENGTH LONG AT 420 MC, A MOUNTING BRACKET WHICH PLACES THE DIPOLE APPROX- IMATELY ONE QUARTER WAVE FROM BODY OF SHIP. INPUT IMPEDANCE 72 OHMS. * AYB, AYB-A, AYB-1 3/13/42 CRY:K-251603 MAR. 43 REV 3		
8/23/39 K-7874388 REV 2 NOV. 41 T-7660765 REV 2			4/18/41 NOV. 41					
CHM 66025 TBP FLAGELLIFORM ANTENNA TO SECTIONS. ERCTED: 9 FT LONG; CHROME MOLYBDENUM SEAMLESS STEEL. (CHM TYPE ORINALLY SUPPLIED PER CAY:P-7707126 SUB 0) (CWN TYPE LATER SUPPLIED PER CWN: 60540 AND CAY:T-7608041 SUB 3)			CWA 66033 TCL-1 WHIP ANTENNA: 8'8" LONG FROM MOUNTING SURFACE. ACTIVE ANTENNA 8' 4" LONG. MOUNTS BY FACE PLATE OF 4-1/4" OVERALL DIAMETER HAVING FOUR 5/16" DIA. EQUALLY SPACED HOLES ON A 3-1/2" DIA. CONNECTION TO ANTENNA IS ON OPPOSITE SIDE OF THE MOUNTING SURFACE FROM RADIA- 11/25/41 CG:K-7882913 APR. 42 SUB 0			CCR 66040 * SEE BELOW WHIP ANTENNA: VERTICAL TELESCOPIC 25' 2" LONG EXTENDED 7'10-1/2" COLLAPSED CONSISTS OF 4 SEC- TIONS FOR USE WITH BASE INSULATOR TYPE -61428. WEIGHT 13-1/2 LBS * GENERAL USE (TCS) 3/30/42 USM-625X R-166, 2/19/42 JUNE 42		
11/9/39 MAR. 42								
CG-66026 TCD & RAR ANTENNA VERTICAL DOUBLET ANTENNA SYSTEM; 132 TO 156 MC WITH NITROGEN FILLED 7/8" DIA- METER TRANSMISSION LINE.			CWA66033 TING PORTION.			CRY 66041 SD, SD-1 ANTENNA ASSEMBLY		
11/28/39 M-7464078 REV 0 NOV. 41						4/1/42 APR. 42		W-305138-501 SUB 0
CRY 66027 TBT & RAQ ANTENNA UNIT 1/4 WAVE ANTENNA; INCLUDES A MOTOR TO ADJUST ANTENNA LENGTH FOR TUNING.			66034 USE WITH RBF GROUND PLANE ANTENNA: 1/4 WAVE AT 85 MC. GROUND PLANE CON- SISTS OF 8-30" RADIALS. ATTACHED TO SUPPORTING STRUCTURE BY MEANS OF 10 FT OF 1-1/4" PIPE WHICH IN TURN SUPPORTS THE ANTENNA. (CIA, CKD)			CIA 66042 JM-1: ANTENNA ASSEMBLY; GROUND PLANE ANTENNA WITH 3 WHIP SEC- TIONS FOR 1/4 WAVE AT 70/80/90 MC.		
10/10/40 T-620303 SUB 0 NOV. 41			1/23/42 AI CKD:D-5515 AUG. 42 REV 0			4/1/42 APR. 42		
CCR 66028 TCQ WHIP ANTENNA: VERTICAL TELESCOPIC 35' LONG EXTENDED 8' 1" COLLAPSED CONSISTS OF 5 SECTIONS RUBBER JACKET ON BASE SECTION; WEIGHT 16 POUNDS FOR USE WITH TYPE -61428 BASE INSULATOR			CWI 66035 LS ANTENNA ASSEMBLY CONSISTS OF A COUPLING UNIT CENTERING THE DIPOLE ANTENNA (WHICH IS 29-1/8" LONG AND THREE FOUR-FOOT BAMBOO SUPPORT- ING POLES.			CID 66043 TCL-2 ANTENNA ASSEMBLY (40.10 HC.); QUARTER WAVE ANTENNA SPRING MOUNTED 6'2" LONG. HAS A BUILT IN MAT- CHING NETWORK TO MATCH 72 OHM TRANSHIS- SION LINE. WHIP TYPE		
2/27/41 CCR:MH435X CCR:R-167 JUNE 42 3/4/42			1/28/42 3611 REV 0 MAR. 42			4/10/42 JUNE 42		CID:A-1004

DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER
------	----------------------------	-------------------------------	-----------------	------	----------------------------	-------------------------------	-----------------	------	----------------------------	-------------------------------

Class 66—Antennas—Antenna Assemblies

3.66-3

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CFL 66044 MN			CPD 66050 RAY-2			CFT 66057 DAL		
ANTENNA ASSEMBLY: (30.14 MC.) 1/4 WAVE, WHIP ANTENNA, 6 FT LONG. INCLUDES SPRING MOUNTING BASE AND ANTENNA MOUNTING BRACKET, 100 FT. CABLE PROVIDED FOR CONNECTION TO TRANSMITTER RECEIVER.			ANTENNA ASSEMBLY: ONE HALF WAVE AT 72.2 MC			CORNER ANTENNA ASSEMBLY: FREQ RANGE 1.5 TO 3.75 MC. LENGTH 35 FT. OUTPUT IMPEDANCE 140 OHMS. INCLUDES TOWER, COUNTERPOISE, INSULATOR, JUNCTION BOX. 3 WAY GUIDE.		
4/13/42 OCT. 42		CFL:1410-11	5/20/42 OCT.42:		CJF:59235 SUB 0	7/6/42 AUG. 42		
CFL 66044-A MN			66051 RBF-2			CFT 66058 DAL		
ANTENNA ASSEMBLY: WHIP ANTENNA, 1/4 WAVE AT 30.14 MC. 6 FT LONG. INCLUDES SPRING MOUNTING BRACKET, 100 FT CABLE PROVIDED FOR CONNECTION TO TRANSMITTER-RECEIVER, SAME AS BASIC NUMBER EXCEPT MOUNTING BASE IS IN ONE PIECE-TRANSMISSION LINE RECEPTACLE ADDED.			ANTENNA ASSEMBLY:			CENTRAL ANTENNA ASSEMBLY: FREQ RANGE 1.5 TO 3.75 MC. LENGTH 35 FT. OUTPUT IMPEDANCE 140 OHMS. INCLUDES TOWER, COUNTERPOISE, INSULATOR, JUNCTION BOX. 4 WAY GUIDE.		
2/11/44 MAR. 44		1634-M1 & 2	5/22/42 JUNE 42			7/6/42 AUG. 42		
		CFL 66044-A	CRV 66052 AYA-2.3			CFT 66059 DAW		
AND SPRING MOUNTING BASE HAS BEEN ELIMINATED.			ANTENNA ASSEMBLY: CONSISTS OF A DIPOLE APPROXIMATELY A HALF WAVE LENGTH AT 500 MC AND A MOUNTING BRACKET WHICH PLACES THE DIPOLE APPROXIMATELY 1/4 WAVE FROM BODY OF SHIP. MATCHING IMPEDANCE IS 140 OHMS. TWO ANTENNAS IN PARALLEL GIVE CHARACTER-			CORNER ANTENNA ASSEMBLY: FREQ RANGE 3.75 TO 7.5 MC. LENGTH 35 FT. OUTPUT IMPEDANCE 140 OHMS. INCLUDES TOWER, COUNTERPOISE, INSULATOR, JUNCTION BOX. 3 WAY GUIDE.		
			5/26/42 MAR: 43		255053 255053	7/6/42 AUG. 42		
			CCR 66045 GENERAL USE		CRV 66052	CFT 66060 DAW		
WHIP ANTENNA: VERTICAL TELESCOPIC 13' LONG EXTENDED 6' 10" COLLAPSED CONSISTS OF TWO SECTIONS FOR USE WITH TYPE -10098 ADAPTOR AND TYPE -61432 BASE INSULATOR. WEIGHT 3-1/4 LBS			4/21/42 JUNE 42			CENTRAL ANTENNA ASSEMBLY: FREQ RANGE 3.75 TO 7.5 MC. LENGTH 35 FT. OUTPUT IMPEDANCE 140 OHMS. INCLUDES TOWER, COUNTERPOISE, INSULATOR, JUNCTION BOX. 4 WAY GUIDE.		
			MM-313			7/6/42 AUG. 42		
			R-1298			CFT 66061 DAW		
CCR 66046 GENERAL USE			CCR 66053 GENERAL USE RE 66F 392			CORNER ANTENNA ASSEMBLY: FREQ RANGE 7.5 TO 15 MC. LENGTH 24 FT. OUTPUT IMPEDANCE 140 OHMS. INCLUDES TOWER, COUNTERPOISE, INSULATOR, JUNCTION BOX. 3 WAY GUIDE.		
WHIP ANTENNA: 28' VERTICAL CONSISTS OF FOUR SECTIONS AND AN ADAPTOR FOR USE WITH TYPE -61335 OR 61350 BASE INSULATOR			WHIP ANTENNA: VERTICAL WHIP ANTENNA 25 FOOT LONG NON-TELESCOPIC 3 SECTIONS FOR USE WITH BASE INSULATOR NAVY TYPE -61428			7/6/42 AUG. 42		
4/21/42 JUNE 42		USA-128	5/26/42 MAR. 43		SK-107A REVISED 5/22/42	CFT 66062 DAW		
		CCR:XR-177 3/31/42	CCR 66054 DAW			CENTRAL ANTENNA ASSEMBLY: FREQ RANGE 7.5 TO 15 MC. LENGTH 24 FT. OUTPUT IMPEDANCE 140 OHMS. INCLUDES TOWER, COUNTERPOISE, INSULATOR, JUNCTION BOX. 4 WAY GUIDE.		
			SENSE ANTENNA: COLLAPSIBLE WHIP, PLUG-IN TYPE.			7/6/42 AUG. 42		
			4/21/42 JUNE 42			CFT 66063 DAW		
			CCR 66047 GENERAL USE			CENTRAL ANTENNA ASSEMBLY: FREQ RANGE 15 TO 30 MC. LENGTH 17 FT. OUTPUT IMPEDANCE 140 OHMS. INCLUDES TOWER, COUNTERPOISE, INSULATOR, JUNCTION BOX. 3 WAY GUIDE.		
			WHIP ANTENNA: 35 VERTICAL CONSISTS OF FIVE SECTIONS AND AN ADAPTOR. FOR USE WITH TYPE -61335 OR -61350 BASE INSULATORS			7/6/42 AUG. 42		
			4/21/42 JUNE 42			CFT 66064 DAW		
			CCR:XR-177 3/31/42			CENTRAL ANTENNA ASSEMBLY: FREQ RANGE 15 TO 30 MC. LENGTH 17 FT. OUTPUT IMPEDANCE 140 OHMS. INCLUDES TOWER, COUNTERPOISE, INSULATOR, JUNCTION BOX. 4 WAY GUIDE.		
			CFT 66055 DAH.-1			7/6/42 AUG. 42		
			CENTRAL ANTENNA ASSEMBLY: FREQ RANGE 250 TO 1500 KC. LENGTH 50 FT. OUTPUT IMPEDANCE 140 OHMS CONCENTRIC. INCLUDES MAST, SUBTERRANEAN COUNTERPOISE, INSULATOR, JUNCTION BOX, AND CUV ARRAY.			CFT 66065 DAL		
			6/1/42 AUG. 42			CORNER ANTENNA ASSEMBLY: FREQ RANGE 1.5 TO 3.75 MC. LENGTH 35 FT. OUTPUT IMPEDANCE 140 OHMS. INCLUDES TOWER, COUNTERPOISE, INSULATOR, JUNCTION BOX. 3 WAY GUIDE.		
			CCR 66048 GENERAL USE			7/6/42 AUG. 42		
			WHIP ANTENNA: VERTICAL TELESCOPIC 30' LONG EXTENDED 7' LONG COLLAPSED. CONSISTS OF 5 SECTIONS. WEIGHT 13 LBS. FOR USE WITH TYPE -61428 BASE INSULATOR			CFT 66066 DAW		
			5/2/42 JUNE 42			CENTRAL ANTENNA ASSEMBLY: FREQ RANGE 15 TO 30 MC. LENGTH 17 FT. OUTPUT IMPEDANCE 140 OHMS. INCLUDES TOWER, COUNTERPOISE, INSULATOR, JUNCTION BOX. 3 WAY GUIDE.		
			MM-430			7/6/42 AUG. 42		
			R-1298			CFT 66067 DAW		
			5/2/42 JUNE 42			CENTRAL ANTENNA ASSEMBLY: FREQ RANGE 15 TO 30 MC. LENGTH 17 FT. OUTPUT IMPEDANCE 140 OHMS. INCLUDES TOWER, COUNTERPOISE, INSULATOR, JUNCTION BOX. 4 WAY GUIDE.		
			CRW 66049 JM-2			7/6/42 AUG. 42		
			ANTENNA ASSEMBLY: INCLUDES BUOY COVER ANTENNA TOWER AND INSULATOR AND A 1/4 WAVE GROUND PLANE VERTICAL ANTENNA FOR 80 MC. GROUND PLANE CONSISTS OF SIXTEEN 3 FOOT RADIALS			CFT 66068 DAW		
			5/17/42 JUNE 42			CENTRAL ANTENNA ASSEMBLY: FREQ RANGE 15 TO 30 MC. LENGTH 17 FT. OUTPUT IMPEDANCE 140 OHMS. INCLUDES TOWER, COUNTERPOISE, INSULATOR, JUNCTION BOX. 4 WAY GUIDE.		
			6/15/42 AUG. 42			7/6/42 AUG. 42		

CONFIDENTIAL

NAVSHIPS 900,109

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CCI 66065	*SEE BELOW		CCI 66070	MV		CRF 66078	CCI-60041	
WHIP ANTENNA: WIRE WOUND BAMBOO ANTENNA DESIGNED FOR 7000 KC OPERATION, 12 FT. LONG.			ANTENNA ASSEMBLY: FREQ. 3035 KC, CHANNEL (D), COLLAPSIBLE WHIP TYPE, INCLUDES LOADING COIL. NAVY TYPES -66068 TO -66077 INCLUSIVE SAME EXCEPT FOR ANTENNA LOADING COIL. INCLUDES NAVY TYPE CLZ-10135 ANTENNA LOAD COIL SLEEVE.			ANTENNA ASSEMBLY: COLLAPSIBLE WHIP ANTENNA, 5/8" DIA (OUT- SIDE SECTION). FULL LENGTH 56". TELE- SCOPED 8". #6-32 TAPPED HOLE AT BOTTOM FOR MOUNTING.		
*EN28/810-43/NSA 7/6/42 AUG. 42			9/10/42 AUG. 43	CCI:145-3.24		9/16/42 MAR. 43	CRW:16575A CCI:30-16575A	
COA 66066	MS	RE 8946	CCI 66071	MV		CFE 66079	RBR	
WHIP ANTENNA: DESIGNED TO OPERATE ON 72.5 MC. (60 TO 80 MC).			ANTENNA ASSEMBLY: FREQ. 3155 KC, CHANNEL (E), COLLAPSIBLE WHIP TYPE, INCLUDES LOADING COIL. NAVY TYPES -66068 TO -66077 INCLUSIVE. SAME EXCEPT FOR ANTENNA LOADING COIL. INCLUDES NAVY TYPE CLZ-10135 ANTENNA LOAD COIL SLEEVE.			BELT ANTENNA ASSEMBLY: BELT ANTENNA WHIP TYPE, INCLUDES BELT.		
7/21/42 AUG. 43			9/10/42 AUG. 43	CCI:145-3.24		9/16/42 OCT. 42		
COA 66066-A	TBY-5		CCI 66072	MW		CFL 66080	MN-1	
WHIP ANTENNA: DESIGNED TO OPERATE AT 72.5MC (60 TO 80 MC). SAME AS BASIC NUMBER EXCEPT IS FINISHED IN NAVY FINE OD WRINKLE.			ANTENNA ASSEMBLY FREQ. 3585 KC, CHANNEL (F), COLLAPSIBLE WHIP TYPE, INCLUDES LOADING COIL. NAVY TYPE -66068 TO -66077 INCLUSIVE SAME EXCEPT FOR ANTENNA LOADING COIL. INCLUDES NAVY TYPE CLZ-10135 ANTENNA LOAD COIL SLEEVE.			WHIP ANTENNA: COLLAPSIBLE WHIP ANTENNA, 1/4 WAVELENGTH LONG AT 38.3 MC WHEN FULLY EXTENDED TO 6 FT 4 INCHES. COLLAPSED LENGTH APPROXI- MATELY 22 INCHES.		
2/17/43 AUG. 43			9/10/42 AUG. 43	CCI:145-3.24		10/12/42 SEPT 43		
CMJ 66067	TDM		CCI 66073	MW		CCI 66081	*SEE BELOW	
ANTENNA TOWER: APPROX 38 FT. HIGH. INCLUDES ALL GUY WIRES, INSULATORS AND OTHER NECESSARY FITTINGS. TOWER COMES IN 10 FT SECTIONS EXCEPT FOR THE TOP SECTION WHICH IS 8 FT			ANTENNA ASSEMBLY: FREQ. 3725 KC, CHANNEL (G), COLLAPSIBLE WHIP TYPE INCLUDES LOADING COIL. NAVY TYPES -66068 TO -66077 INCLUSIVE. SAME EXCEPT FOR ANTENNA LOADING COIL. INCLUDES NAVY TYPE CLZ-10135 ANTENNA LOAD COIL SLEEVE.			ANTENNA AND LOAD COIL ASSEMBLY: COLLAPSIBLE WHIP ANTENNA, LENGTH COLLAPSED 15 1/4". EXTENDED 83 3/4". 8 SECTIONS. HAS RUBBER PRO- *HU-1, MV-1, MW-1, MX-1 @CRF:ANTENNA, LESS LOAD COIL #16400 Q CCI:30-16400A, CCI:145-4P-501, REV A 10/28/42 @SEE ABOVE QSEE ABOVE MAR. 44		
8/8/42 MAR. 43		CJF:P-39572	9/10/42 AUG. 43	CCI:145-3.24				
CMJ- 66067-A	TDM-1		CCI 66074	MX		CCI 66081		
ANTENNA TOWER APPROXIMATELY 38 FT. HIGH. INCLUDES ALL GUY WIRES, INSULATORS AND OTHER NECESSARY FITTINGS. TOWER COMES IN 10' SECTIONS EXCEPT FOR THE TOP SECTION WHICH IS 8". SAME AS BASIC NUMBER EXCEPT IS FINISHED IN STANDARD NAVY CAMOUFLAGE			ANTENNA ASSEMBLY: FREQ. 3865 KC, CHANNEL (H), COLLAPSIBLE WHIP TYPE, INCLUDES LOADING COIL. NAVY TYPES -66068 TO -66077 INCLUSIVE. SAME EXCEPT FOR ANTENNA LOADING COIL. INCLUDES NAVY TYPE CLZ-10135 ANTENNA LOAD COIL SLEEVE.			TECTED TIP, BAKELITE HANDLE. INCLUDES SLUG-TUNED ANTENNA LOAD COIL. FREQ. RANGE: 2.3 TO 4.5 MC.		
9/27/44 MAY 45		CJF:46220 CJF:X-P47031	9/10/42 AUG. 43	CCI:145-3.24				
CMJ66067-A			CCI 66075	MX		CCI-66081-A	MAB-1	
GREEN INSTEAD OF GALVANIZED.			ANTENNA ASSEMBLY, FREQ. 3995 KC, CHANNEL (J), COLLAPSIBLE WHIP TYPE, INCLUDES LOADING COIL. NAVY TYPE -66068 TO -66077 INCLUSIVE SAME EXCEPT FOR ANTENNA LOADING COIL. INCLUDES NAVY TYPE CLZ -10135 ANTENNA LOAD COIL SLEEVE.			ANTENNA & LOAD COIL ASSEMBLY COLLAPSIBLE WHIP ANTENNA. LENGTH COL- LAPSED APPROXIMATELY 15 1/8". EXTENDED APPROXIMATELY 85". 8 SECTIONS. HAS RUBBER PROTECTED TIPS, BAKELITE HANDLES. INCLUDES SLUG TUNED ANTENNA LOAD COIL. LINE IMPEDANCE 150 OHMS. SAME AS TYPE 2/23/45 145-4P-501 MAR. 45 REV A		
			9/10/42 AUG. 43	CCI:145-3.24				
CCI 66068	MU		CCI 66076	MX		CCI-66081		
ANTENNA ASSEMBLY: FREQUENCY 2436 KC, CHANNEL (A), COLLAPS- IBLE WHIP TYPE. INCLUDES LOADING COIL. NAVY TYPES -66068 TO -66077 INCLUSIVE SAME EXCEPT FOR ANTENNA LOADING COIL. INCLUDES NAVY TYPE CLZ-10135 ANTENNA LOAD COIL SLEEVE.			ANTENNA ASSEMBLY: FREQ. 4105 KC, CHANNEL (K), COLLAPSIBLE WHIP TYPE. INCLUDES LOADING COIL. NAVY TYPES -66068 TO -66077 INCLUSIVE. SAME EXCEPT FOR ANTENNA LOADING COIL. INCLUDES NAVY TYPE CLZ-10135 ANTENNA LOAD COIL SLEEVE.			CCI-66081 EXCEPT (1) ANODIZED ALUMINUM CAP HAS BEEN CHANGED TO PLASTIC (2) BOTTOM OF ANTENNA PLUG HAS BEEN DRILLED TO ACCOMMODATE A HOLD-DOWN SEVEN FOR MODEL DAY-2 USE (3) EXTENDED FREQUENCY RANGE OF LOAD COIL HAS BEEN INCREASED. TUNING RANGE 2.15 TO 4.95 MC.		
9/10/42 AUG. 43		CCI:145-3.24	9/10/42 AUG. 43	CCI:145-3.24				
CCI 66069	MV		CCI 66077	MX		CFT 66082	OAN	
ANTENNA ASSEMBLY: FREQ. 2772 KC, CHANNEL (B), COLLAPSIBLE WHIP TYPE, INCLUDES LOADING COIL. NAVY TYPES -66068 TO -66077 INCLUSIVE SAME EXCEPT FOR ANTENNA LOADING COIL. INCLUDES NAVY TYPE CLZ-10135 ANTENNA LOAD COIL SLEEVE.			ANTENNA ASSEMBLY: FREQ. 4435 KC, CHANNEL (L), COLLAPSIBLE WHIP TYPE, INCLUDES LOADING COIL. NAVY TYPES -66068 TO -66077 INCLUSIVE SAME EXCEPT FOR ANTENNA LOADING COIL. INCLUDES NAVY TYPE CLZ -10135 ANTENNA LOAD COIL SLEEVE.			ANTENNA ASSEMBLY: ASSEMBLED LENGTH 15 FEET; CONSISTS OF FIVE 3 FOOT SECTIONS SCREWED TOGETHER. SECTION DIAMETERS: 1/2", 7/16", 3/8", 5/16", 1/4". PLUG-IN TYPE. INCLUDES CAN- VAS BAG FOR DISSEMBLED ANTENNA.		
9/10/42 AUG. 43		CCI:145-3.24	9/10/42 AUG. 43	CCI:145-3.24		11/28/42 SEPT 43	CFT:107-A TEST CFT:F-41795-2A OSC ANTENNA	

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CDL 66083	AYD-3		CKV 66091	TDT		CRV 66099	MAG	
<p>ANTENNA ASSEMBLY: CONSISTS OF A DIPOLE APPROXIMATELY A HALF-WAVE LENGTH LONG AT 420MC AND A MOUNTING BRACKET WHICH PLACES THE DIPOLE APPROXIMATELY 1/4 WAVE FROM THE BODY OF THE SHIP. INPUT IMPEDANCE: 50 OHM, OTHERWISE SAME AS -66039. 12/9/42 CRV:P-255327- CRV:252401 AUG. 43 502</p>			<p>ANTENNA ASSEMBLY: FREQ RANGE: 115 TO 156MC. VERTICAL, NON-DIRECTIONAL. GROUND PLANES CONSISTS OF 4 RODS, 90° APART. 7/21/43 CKV:704A CKV:W-40443 SEPT 43 SEPT 43 REV 0</p>			<p>ANTENNA ASSEMBLY: CONSISTS OF ESSENTIALLY A HALF WAVE DIPOLE FOR 2200 TO 2400 MC PROVIDED WITH A 28 INCH PARABOLIC REFLECTOR. POLARIZATION IS VERTICAL. 9/23/43 SEPT 43</p>		
CWQ 66084	RBF-3		CUO 66092	*SEE BELOW		CH-66100	TDV	
<p>ANTENNA ASSEMBLY: FREQ: 70 TO 90MC. CONSISTS OF 6 FOOT GROUND PLANE AND 1/4 WAVE SPIKE ANTENNA AT 85NC. 1/26/43 SEPT 43</p>			<p>ANTENNA ASSEMBLY: DIPOLE ANTENNA. FOR MOUNTING ON SHIP-BOARD. *CWQ-46205-6-7 NX92-26590 6/30/43 SEPT 43</p>			<p>ANTENNA ASSEMBLY: 10/5/43 NOV. 43</p>		
66085	HZ		CFT 66093	DAK-2		CM-66101	TDV	
<p>ANTENNA: CONSISTS OF 5 SECTIONS SCREW-TOGETHER TYPE OF ASSEMBLY ARMY TYPE MS-49 TO 53. PART OF TYPE -66086 ANTENNA ASSEMBLY. MOUNTS ON TYPE -61450 BASE. 2/6/43 SEPT 43</p>			<p>SENSE ANTENNA: 8/27/43 RF-2034-14 M.A.Rt. 44 ISSUE A</p>			<p>ANTENNA ADAPTOR 10/7/43 NOV. 43</p>		
CYH 66086	HZ		CFT 66094	DAH-A		CM-66102	MAH	
<p>ANTENNA ASSEMBLY: CONSISTS OF TYPE -66085 5 SECTIONS ANTENNA AND TYPE -61450 BASE INSULATOR. INCLUDES INSULATOR AND ROPE TO PULL UPPER END OF ANTENNA DOWN TO CAR. 2/6/43 SEPT 43</p>			<p>CENTRAL ANTENNA ASSEMBLY: 8/31/43 SEPT 43</p>			<p>ANTENNA ASSEMBLY CONSISTS OF: TOP ANTENNA ROD. 4 INTER-CHANGEABLE 2 FT. CENTER MAST SECTIONS, AND ALL OF THE FOLLOWING:(THE ONE USED DEPENDING ON IMMEDIATE INSTALLATION): ONE GROUND SPIKE, ONE GROUND PLANE PLATE AND ONE VISE TYPE SUPPORTING RIG. 11/12/43 D-152019 BL-36925 NOV. 43</p>		
CWN 66087	TBY-5		CRV 66095	TDQ				CM-66102
<p>ANTENNA ASSEMBLY: 10 SECTIONS. ERECTED: 9 FT LONG. HAS SPRING COIL IN BOTTOM SECTION TO GIVE BENDING MOMENT OTHERWISE SAME AS TYPE -66025. FLAGELLIFORM TYPE. CONNECTED TO BASE BY TYPE NUMBER 303 STUD WITH 1/4 X 20 THREAD. FULL THREAD IS 5/16" LONG. 2/15/43 CWN:51290 CR1:E-48536 SEPT 43 SEPT 43 SLT A</p>			<p>ANTENNA ASSEMBLY: HALF WAVE DIPOLE AT 135NC. INCLUDES A CONCENTRIC TWO-STEP MATCHING SECTION TO COUPLE ONTO A 50 OHM LINE. 9/8/43 SEPT 43</p>			<p>FREQ 140-145 MEG, 50 OHMS IMPEDANCE.</p>		
CFT 66088	YL	RA 1892 14A	CRV 66096	NX99-33177		66103	TCS SERIES	
<p>ANTENNA ASSEMBLY: "MATTRESS" TYPE, CONSISTS OF TWO SECTIONS BOLTED TOGETHER AND FIVE RODS USED TO SUPPORT THIS UNIT ATOP A TYPE CFT-14006 LOBE SWITCHING UNIT. 5/14/43 SEPT 43</p>			<p>LOOP ANTENNA ASSEMBLY: CONSISTS OF A CRV-68097 LOOP ANTENNA AND A CRV-47367 COUPLING UNIT. 9/20/43 SEPT 43</p>			<p>MAST SECTION: 38 1/2" LONG. FITS TYPE -66104 MAST SECTION. *(SIG CORP) SC-D-1241, SC-D-8342, SC-D-8343 1/12/44 (SIG CORP) *SEE ABOVE MAR. 44 MS-49</p>		
COA 66089	*SEE BELOW	RE 0946	CRV 66097	CRV-66098		66104	TCS SERIES	
<p>WHIP ANTENNA: DESIGNED TO OPERATE ON 72.5MC. SIMILAR TO -66086 EXCEPT INCLUDES 4 GROUND PLANE RODS, WITH BASE CLAMPS, 1/4 WAVE LENGTH LONG AND MOUNTED HORIZONTALLY AT RIGHT ANGLES. DOES NOT INCLUDE CABLE. *TBY SERIES NX93-27168 5/24/43 500-14 COA: MAR. 44</p>			<p>LOOP ANTENNA: INCLUDES A PERMANENTLY ATTACHED 50 FOOT TWO CONDUCTOR CABLE. 9/20/43 SEPT 43</p>			<p>MAST SECTION 39 1/4" LONG. FITS NAVY TYPE -66105 AND -66103 MAST SECTIONS. *(SIG CORPS) SC-D-1241, 8342, 8343 1/12/44 (SIG CORPS) MS-50 *SEE ABOVE MAY 45.</p>		
CFT 66090	NX99-27344	RA 66F 235	CRV 66098	MAF		66105	TCS SERIES	
<p>ANTENNA ASSEMBLY: CONSISTS OF A MAST SUPPORTING A RADIATOR AND TWO MULTI-ELEMENT ROD REFLECTORS AT RIGHT ANGLES TO EACH OTHER. BEAM WIDTH 130°. 5/25/43 RA-1781-14 CFT:RA-1781-14 NOV. 43 ISSUE F</p>			<p>ANTENNA ASSEMBLY: CONSISTS OF ESSENTIALLY A HALF WAVE DIPOLE FOR 2200 TO 2400MC PROVIDED WITH A 20 INCH PARABOLIC REFLECTOR. POLARIZATION IS VERTICAL. 9/23/43 SEPT 43</p>			<p>MAST SECTION 39 5/16" LONG. FITS NAVY TYPE -66106 AND -66104 MAST SECTIONS. *(SIG CORPS) SC-D-1241, 8342, 8343 1/12/44 (SIG CORPS) MS-51 *SEE ABOVE MAY 45.</p>		

DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER
------	----------------------------	-------------------------------	-----------------	------	----------------------------	-------------------------------	-----------------	------	----------------------------	-------------------------------

3.66-6

Class 66—Antennas—Antenna Assemblies

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
66106 TCS SERIES MAST SECTION 39 1/2" LONG. FITS NAVY TYPE -66107 AND -66105 MAST SECTIONS.			CFT- 66114 DBB DIRECTIONAL ANTENNA ASSEMBLY CONSISTS OF A REFLECTOR, VERTICALLY POLARIZED DIPOLES, AND A WHIP ANTENNA. FREQ. RANGE: 1000 TO 3000 MC.			CFL- 66120 *SEE BELOW ANTENNA ASSEMBLY: QUARTER WAVE, WHIP ANTENNA FOR 30 TO 40 MC BAND. LENGTH FROM 6' TO 8'. 36 OHM IMPEDANCE. DESIGNED FOR USE ON PT BOATS.		
*(SIG CORPS) SC-D-1241, 8342, 8343 1/12/44 (SIG CORPS) MS-52 *SEE ABOVE MAY 45.			2/17/44 MAR. 44			*FOR USE WITH MN-5 4/11/44 RAS-MR 1217-8 NOV. 44		
66107 TCS SERIES MAST SECTION 39 5/8" LONG. MAY BE USED WITH NAVY TYPES -61450 AND -61466 MAST BASE ASSEMBLIES. FITS NAVY TYPE -66106 MAST SECTION.			CFT- 66115 DBB-1 DIRECTIONAL ANTENNA ASSEMBLY CONSISTS OF A REFLECTOR, TWO VERTICALLY POLARIZED DIPOLES, TWO HORIZONTAL SENSE DIPOLES AND A WHIP ANTENNA. FREQ. RANGE: 70 TO 300 MC.			CKV- 66121 MAE-1 PORTABLE ANTENNA: CONSISTS OF A PORTABLE HALF WAVE VERTICAL DIPOLE SET FOR 305 MEGACYCLES, 50 OHM IMPEDANCE. HAS PROVISION FOR MOUNTING ON EITHER -10346 ANTENNA SUPPORT OR ANY OTHER SUPPORT BY MEANS OF A LARGE BATTERY CLIP. 5/26/44 M-40536-1 L-21418 OCT. 44 REV 0		
*(SIG CORPS) SC-D-1241, 8342, 8343 1/12/44 (SIG CORPS) MS-53 *SEE ABOVE MAY 45.			2/17/44 AUG. 44			CKV- 66122 MAE-1 ANTENNA: CONSISTS OF VERTICAL HALF WAVE DIPOLE SET FOR 305 MEGACYCLES, 50 OHM IMPEDANCE. INTENDED FOR PERMANENT INSTALLATION. MOUNTS ON A MAST OR POLE BY MEANS OF TWO CLAMPS AND WOODSCREWS. 5/26/44 L-21405-1 L-21419 OCT. 44 REV 0		
CG- 66108 TOR ANTENNA CONSISTS OF AN ANTENNA ENCLOSED IN A DOME WITH RG-18/U CABLE CONNECTOR IN BASE FOR CONNECTION TO TRANSMITTER.			1/17/44 4HY71A1 P-776689 MAR. 44 REV 2			CKV- 66123 MAE-1 DIRECTIONAL ANTENNA: DIRECTIONAL 3 ELEMENT BEAM ANTENNA, CENTER ELEMENT CONSISTS OF A HALF WAVE DIPOLE ENERGIZED BY A PARASITIC ELEMENT. INTENDED FOR PERMANENT INSTALLATION. 5/26/44 Z-50132-1 L-21416 OCT. 44 REV 0		
CFT- 66109 DBB DIRECTIONAL ANTENNA ASSEMBLY CONSISTS OF A REFLECTOR, TWO HORIZONTAL SENSE DIPOLES AND A WHIP ANTENNA. FREQ. RANGE: 300 TO 1000 MC.			2/7/44 MAR. 44			RW- 66124 P.O. 339/44 SLEEVE ANTENNA (BAND B): FREQUENCY RANGE: 15 TO 30 MC. 7/7/44 RW-66F197 OCT. 44		
CFT- 66110 DBB DIRECTIONAL ANTENNA ASSEMBLY CONSISTS OF A REFLECTOR, TWO VERTICALLY POLARIZED DIPOLES AND A WHIP ANTENNA. FREQ. RANGE: 300 TO 100 MC.			2/15/44 MAR. 44			RW- 66125 P.O. 339/44 SLEEVE ANTENNA (BAND B): FREQUENCY RANGE: 30 TO 60 MC. 7/7/44 RW66F191 OCT. 44		
CFT- 66111 DBB DIRECTIONAL ANTENNA ASSEMBLY CONSISTS OF A REFLECTOR, TWO HORIZONTAL SENSE DIPOLES AND A WHIP ANTENNA. FREQ. RANGE: 70 TO 300 MC.			2/17/44 MAR. 44			CN- 66126 NX9T-67981 SLEEVE ANTENNA (BAND C): FREQUENCY RANGE: 60 TO 120 MC. 7/7/44 RA66F277 OCT. 44		
CFT- 66112 DBB DIRECTIONAL ANTENNA ASSEMBLY CONSISTS OF A REFLECTOR, TWO VERTICALLY POLARIZED DIPOLES AND A WHIP ANTENNA. FREQ. RANGE: 70 TO 300 MC.			2/17/44 MAR. 44			CFL 66127 *SEE BELOW ANTENNA ASSEMBLY: COLLAPSIBLE WHIP ANTENNA, 1/4 WAVELENGTH LONG AT 38.3 MC WHEN FULLY EXTENDED TO 6 FT. 4 INCHES, MOUNTED IN A BAKELITE END PLUG CONTAINING AN AMPHOL SO-259 CONNECTOR. COLLAPSED ANTENNA LENGTH APPROX. *FOR USE WITH MN-5 8/1/44 1620-32 1620-32 OCT. 44		
CFT- 66113 DBB DIRECTIONAL ANTENNA ASSEMBLY CONSISTS OF A REFLECTOR, TWO HORIZONTAL SENSE DIPOLES AND A WHIP ANTENNA. FREQ. RANGE: 1000 TO 3000 MC.			2/17/44 MAR. 44			CFL- 66119 MN-5 ANTENNA ASSEMBLY WHIP ANTENNA, 8 WAVE AT 30.14 MC, 6 FT. LONG. INCLUDES ANTENNA MOUNT FOR USE WITH 1 1/2" DIAMETER PIPE. SIMILAR TO -66044-A EXCEPT FOR PIPE MOUNTING. 3/10/44 1685-1 MAR. 44		

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
-----------------------	--------------------	-------------------------------	-----------------------	--------------------	-------------------------------	-----------------------	--------------------	-------------------------------

CFL-66127
 22 INCHES. SAME AS -66080 EXCEPT ALSO INCLUDES HOURLING.

CAGW 66131-A * SEE BELOW
 ANTENNA ASSEMBLY
 CONSISTS OF AN INVERTED CONE WITH A CURVED TOP PLATE. INCLUDES A MOUNTING FLANGE 8" IN DIA. ATTACHED TO A GROUND PLANE. MATCHING SECTION BUILT INTO BASE TERMINATES IN A "N" TYPE CONNECTOR.
 WFOR USE WITH RDO
 11/25/44
 DEC. 44

CFH-66136
 RELAY. 11 1/4 INCHES HIGH BY 20" IN DIAMETER.

CFT-66128 DBF
 ANTENNA ASSEMBLY:
 CONSISTS OF 4 VERTICAL CORNER DIPOLES, APPROXIMATELY 28" HIGH WITH DIAGONAL SPACING OF 17" AND A SIMILAR CENTRAL SENSE DIPOLE. THE 4 CORNER DIPOLES USE A PLATE ASSEMBLY FOR COUNTER PIECE. FREQ. RANGE: 100 TO 160 MC. IMPEDANCE CHARACTERISTICS
 3/24/44
 OCT. 44

CAGW-66131-A
 FREQ. RANGE. 300 TO 3300 MC. SIMILAR TO AT-49/APR-4 EXCEPT DESIGNED FOR SHIP INSTALLATION AND HAS 145° ROD GROUND PLANE APPROXIMATELY 36" IN DIA. AXIS OF CONE MOUNTED AT 90° WITH GROUND PLANE AND AT 90° IN PLANE BISECTING GROUND PLANE. PLEXI-GLASS/ACELLELLE COVERS CONE ASSEMBLY. MECHANICALLY & ELECTRICALLY INTERCHANGEABLE WITH -66131.

CFH-66137 DBM
 ANTENNA ASSEMBLY:
 FREQ. RANGE, 1000 TO 5000, MC. CONSISTS OF A HORIZONTAL DIPOLE A VERTICAL STUB ANTENNA, A REFLECTOR, BASE PLATE, AND A RF POLARIZATION SWITCHING RELAY. SIGNALS OF EITHER HORIZONTAL OR VERTICAL POLARIZATION MAY BE PICKED UP AS SELECTED BY
 11/21/44
 JAN. 45

CFT-66128
 ERISTICS 90 OHMS AT 130 MC.

CAGW-66132 FOR USE WITH RDO
 ANTENNA ASSEMBLY
 CONSISTS OF QUARTER WAVE LENGTH STUB ANTENNA, 29" LONG, WHICH IS PHENOLIC IMPREGNATED MAPLE MAST COVERED WITH CONDUCTING MATERIAL. FREQUENCY RANGE: 70-400 MCS. MAST IS SIMILAR TO AT-38/APT AND IS MOUNTED PERPENDICULAR TO A 145°
 9/30/44
 OCT. 44

CFH-66137
 RF RELAY. 11 1/4" HIGH BY 20" IN DIAMETER.

-66129 SCR-608 RA66F282A
 SLEEVE ANTENNA ASSEMBLY
 CONSISTS OF AN UPPER AND LOWER SECTION SEPARATED BY AN ISOLANTITE #306 INSULATOR. ASSEMBLY IS MTD. ON 12" SQ SUPPORTING PLATE. FREQUENCY RANGE 27-39 MC.

CAGW-66132
 ROD GROUND PLANE.

CFH-66137
CRB-66138 LU-3
 ANTENNA ASSEMBLY:
 CONSISTS OF NAVY TYPE -49192 ANGLE CONNECTOR, NAVY TYPE -49195 PLUG CONNECTOR, AND A 7 1/16" LONG WHIP ANTENNA.

9/4/44
 OCT. 44

CTF-66130 Y#
 ANTENNA
 VERTICALLY POLARIZED, NON-DIRECTIONAL ANTENNA CONSISTING OF QUARTER WAVE RADIATION ELEMENT EXTENDING ABOVE A GROUND PLANE. FREQUENCIES 246 MC. ANTENNA IMPEDANCE MATCHED TO 50 OHM COAXIAL TRANSMISSION LINE. (ANTENNA MAST) BY MATCH-
 9/8/44 23107-N 23107-M
 MAY 45.

CFM-66133 IBX-7
 ANTENNA ASSEMBLY:
 FREQ. RANGE: 2 TO 5.8 MC. CONSISTS OF 14 ANTENNA MAST SECTIONS, ONE TYPE -66023-B MAST BASE SUPPORT, ONE TYPE -66024 GROUND STAKE, THREE -66013 GUY STAKES, 3 TYPE -61244-A INSULATORS AND 3 GUY WIRES. OVERALL HEIGHT APPROX 25 FT.
 10/5/44 CG:K-7105969 CG:T-7663779
 JAN. 45 REV. 2

12/26/44
 JAN. 45 AS-1452
 ISSUE G

CTF-66130
 ING ELEMENT CLOSELY COUPLED TO RADIATOR AND GROUNDED PLANE. USED WITH TYPE CTF-52348 RADIO TRANSMITTER.

CAGQ-66134 GEN. UHF USE RE 13A 1103B
 ANTENNA ASSEMBLY:
 FREQ. RANGE: 140 TO 144 MC. INVERTED T WITH A QUARTER WAVE RADIATOR AND A HALF WAVE COUNTERPOISE. CONNECTS TO A CASSF-50-1 CABLE. SIMILAR TO -66AFU-1 EXCEPT FOR FREQUENCY.

CBM-66139 DBM-1
 LF ANTENNA
 FREQUENCY RANGE 90-1400 MC. CONSISTS OF TWO ANTENNAS AND REFLECTORS MOUNTED BACK TO BACK, ONE IS RESPONSIVE TO HORIZONTALLY AND THE OTHER TO VERTICALLY POLARIZED SIGNALS. RELAY PROVIDES MEANS OF SWITCHING FROM ONE ANTENNA TO THE
 1/2/45 1039-3025
 FEB. 45

10/6/44
 JAN. 45 CHZ:A-3423

CBM-66139
 OTHER. APPROX. 15" HIGH BY 24" IN DIAM. ROTATES AT ABOUT 150 RPM.

CAGW-66131 FOR USE WITH RDO
 ANTENNA ASSEMBLY
 CONSISTS OF AN INVERTED CONE WITH A CURVED TOP PLATE. INCLUDES A MOUNTING FLANGE 8" IN DIAMETER ATTACHED TO A GROUND PLANE MATCHING SECTION BUILT INTO BASE TERMINATES IN AN "N" TYPE CONNECTOR. FREQUENCY RANGE: 300 TO 3300 MC. SIMILAR
 9/30/44
 OCT. 44

-66135 SCR-608,610,508 RA66F282B
 SLEEVE ANTENNA ASSEMBLY:
 CONSISTS OF AN UPPER AND LOWER SECTION SEPARATED BY AN ISOLANTITE #306 INSULATOR. ASSEMBLY IS MOUNTED ON A 12" SQUARE SUPPORTING PLATE. FREQUENCY RANGE IS 20-39 MC. SAME AS -66129 EXCEPT FOR FREQUENCY RANGE.
 11/3/44
 JAN. 45

CBM-66140 DBM-1
 M W ANTENNA
 FREQ. RANGE 1000 TO 5000 MC. CONSISTS OF TWO ANTENNAS AND REFLECTORS MOUNTED BACK TO BACK, ONE IS RESPONSIVE TO HORIZONTALLY AND THE OTHER TO VERTICALLY POLARIZED SIGNALS. RELAY PROVIDES MEANS OF SWITCHING FROM ONE ANTENNA TO THE
 1/2/45 1048-3001
 FEB. 45

CAGW-66131
 TO AT-49/APR-4 EXCEPT DESIGNED FOR SHIP INSTALLATION AND HAS 145° ROD GROUND PLANE APPROXIMATELY 36" IN DIAMETER. AXIS OF CONE MOUNTED AT 60° WITH GROUND PLANE AND AT 90° IN PLANE BISECTING GROUND PLANE. PLEXI-GLASS/ACELLELLE COVERS CONE ASSEMBLY.

CFH-66136 DBM
 ANTENNA ASSEMBLY:
 FREQ. RANGE 200 TO 1000 MC. CONSISTS OF A HORIZONTAL DIPOLE, A VERTICAL STUB ANTENNA, REFLECTOR, BASE PLATE AND A RF POLARIZATION SWITCHING RELAY. SIGNALS OF EITHER HORIZONTAL OR VERTICAL POLARIZATION MAY BE PICKED UP AS SELECTED BY RF
 11/21/44
 JAN. 45

CBM-66140
 OTHER. APPROX 15" HIGH BY 24" IN DIAM. ROTATES AT ABOUT 150 RPM.

DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER
------	----------------------------	-------------------------------	-----------------	------	----------------------------	-------------------------------	-----------------	------	----------------------------	-------------------------------

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
-----------------------	--------------------	-------------------------------	-----------------------	--------------------	-------------------------------	-----------------------	--------------------	-------------------------------

CBM- 66141 DBM-1
 LF ANTENNA ASSEMBLY
 CONSISTS OF A -10468 ANTENNA HOUSING, A -66139 LF ANTENNA, AND A -211427 LF ANTENNA DRIVE UNIT.

2/6/45 1039
 MAR. 45

CBM- 66142 DBM-1
 MW ANTENNA ASSEMBLY
 CONSISTS OF A -10468 ANTENNA HOUSING, A -66140 MW ANTENNA, AND A -211427-A MW ANTENNA DRIVE UNIT.

2/6/45 1048
 MAR. 45

CMX- 66143 *SEE BELOW
 ANTENNA ASSEMBLY
 BROAD BAND, FREQ RANGE 60 TO 80 MC. VERTICALLY POLARIZED DIPOLE WITH FOUR GROUND PLANES.

*FOR USE WITH MBF
 *NXP-88893
 2/8/45 16A5(RE)
 MAR. 45

CANQ- 66144 OF-2
 WHIP ANTENNA
 BRASS POLE ANTENNA, EXTENDED LENGTH 78" ± 1/2". HAS 8 SECTIONS. FIRST SECTION IS SOLID ROD. COLLAPSED LENGTH IS APPROX. 13". FREQ. RANGE: 150 TO 350 KC & 550 TO 20,000 KC.

2/8/45 2023
 MAR. 45

CJD- 66145 CHE-60069-A
 WHIP ANTENNA
 THREE SECTION NICKEL PLATED ANTENNA CLAMP WITH AN-3106-16S-3S SOCKET MADE TO CONNECT WITH CHE-10482 ANTENNA MTG. BASE. EXTENDED LENGTH 48". CLOSED LENGTH 19".

2/16/45 CJD: CHE:A268
 MAR. 45 CHANGE 11-3-43

CWA- 66146 RCB
 WHIP ANTENNA
 FREQ. RANGE 540 KC TO 30.5 MC. LENGTH OPEN 32 3/4 ± 1/4". CLOSED 7". TENITE BALL SCREWED TO FIRST SECTION. HAS 6 SECTIONS OF CHROME PLATED BRASS TUBING.

2/17/45 CWA: CHL:72A035
 MAR. 45 ISSUE 0

CRV- 66147 MAR
 ANTENNA ASSEMBLY
 CONSISTS OF TWO HORIZONTAL DIPOLES CONNECTED TO A RIGID CONCENTRIC LINE WHOSE TERMINATION IS FOR A STANDARD CONNECTOR OF AN RG-5/U CABLE. FREQUENCY RANGE 225 TO 390 MC. ANTENNA IMPEDANCE APPROX. 7 OHMS. ALUMINUM CONSTRUCTION.
 2/20/45 CRV:T-618539-501 CRV:T-618557-
 MAR. 45 REV 4 P1, REV 1

CRR- 66148 DBF-;
 ANTENNA ASSEMBLY
 CONSISTS OF 4 SWORD-SHAPED ALUMINUM VERTICAL DIPOLES WITH PLUGS FOR CABLE TO TYPE CRR-47916 ANTENNA COUPLING UNIT, AND THREADED FITTING ALLOWING ASSEMBLY WITH COUNTERPOISE TO CROSS ARM; 4 ALUMINUM DISC ASSEMBLIES WHICH SERVE AS
 3/24/45 1608(RE)
 MAR. 45

CRR-66148
 COUNTERPOISE; ONE ALUMINUM DISC ASSEMBLY AS MAST COUNTERPOISE; AND ANTENNA MAST WHICH SUPPORTS REST OF ITEMS.

CRP- 66149 S0/S0-a
 DIPOLE ASSEMBLY
 DIPOLE USED TO PICK UP ENERGY NEAR RADAR ANTENNA AND IS CONNECTED TO RESONANCE CHAMBER BY COAXIAL CABLE. MATERIAL IS BRASS, SILVER-PLATED.

4/13/45 3A11-338 M-3A11-U338
 MAY 45 SUB 3

CLS- 66150 MAM
 ANTENNA ASSEMBLY;
 CONSISTS OF A VERTICAL 1/2 WAVE ELEMENT THREE RADIAL 1/2 WAVE GROUND PLANE ELEMENTS WITH GROUND STAKE, 6 FT. OF RG-58/U CABLE TERMINATED IN A -49482 PLUG, AND A HINGE JAW TYPE CLAMP. ELEMENTS MAY BE RESONATED BETWEEN 120 TO
 5/24/45
 JUN. 45

160 MC. **CLS-66150**

CADY- 66151 OCY
 DIPOLE ANTENNA:
 ADJUSTABLE TO FREQUENCY RANGE OF 100-400 MC. CAN BE ROTATED IN ANY PLANE SO THAT IT CAN OPERATE WITH VERTICAL OR HORIZONTAL POLARIZED WAVES. FITTED WITH AMPHENOL SO-264 CONNECTORS FOR CONNECTION TO A 100 OHM BALANCED TRANSMISSION LINE.
 5/26/45
 JUN. 45

DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER
------	----------------------------	-------------------------------	-----------------	------	----------------------------	-------------------------------	-----------------	------	----------------------------	-------------------------------