CLASS 51 MICROPHONES HYDROPHONES

ELECTRICAL PICK-UP DEVICE COMBINATION HANDSETS

DESIGNATION FIRST ASSIGNED FOR NAVY DRAWING	DESIGNATION FIRST ASSIGNED FOR ON SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION
CDC 51000 GM MICROPHONE	CTE 51004A TBP MICROPHONE: CARBON BUTTON TYPE. FOR OPERATION FROM 4 TO 8 VOLTS DC. EEIGHT 3 OUNCES. EQUIP- PED WITH A PUSH-TO-TALK BUTTON.	CRV 51007 CRV-50064 HANDSET TELEPHONE UNIT 500 OHMS AT 100 CYCLES. SINGLE BUTION HICROPHONE; HAS A SINGLE CIRCUIT PUSH TO-TALK SWITCH. CASE OF
3/22/32 NOV. 41	ONAF 213264-5 REV 7 & T-386; CAY:P-7407399 SUB 2. 11/16/39 RS-38	HIGH IMPACT MATERIAL. O SUB 7 LESS PT. 28. 8/13/40 P-720305-503 NOV. 41 O SEE ABOVE
CBM 51001 JL HICROPHONE FOR SURFACE SHIPS.	CTE 51004-B TBY MICROPHONE: CARBON BUTTON TYPE FOR OPERATION FROM 4 TO 8 VOLTS DC, WEIGHT 3 OUNCES, EQUIPPED WITH A PUSH-TO-TALK BUTTON. SAME AS NAVY TYPE CTE-SIOO4A EXCEPT HAS GREATER SEN- SITIVITY AT LOW VOICE LEVELS. (ANTI- NOISE BAFFLE REMOYED).	CRE-51008 CRV-50064 HAND TELEPHONE ASSEMBLY CONSISTING (ONE EACH) OF NAVY TYPES CRV-49118 CORD. CRV-51007 HANDSET AND CRV-51009 MOUNTING HOOK.
3/26/32 #517 SK. 2356 NOV. 41	6/12/40 RS-38B	⊕ P-720305-503 SUP 5; M-420665-501 SUB 8/13/40 MI-8816 & ⊕ SEE ABOVE MAY 45 MI-8903
CBH 51002 JL-1 & JL-2 MAGNETOPHONE FOR SUZMARINES.	51004-B O CAY:P-7407399 SUB 2; NAF:213264-5	CRY- 51008-A GEN. USE HAND TELEPHONE ASSEMBLY SAME AS -51008 SECEPT (1) AUTOMATIC ELECTRIC #41 CARBON MICROPHONE IS USED INSTEAD OF #35 A7(2) RCA SOUND POWERED RECEIVER USED INSTEAD OF AUTOMATIC ELEC
3/26/32 #517-A SK. #2356 NOV. 41	REV 7 & T-388 MOD.	TRIC MAGNETIC DIAPHRAGM TYPE (3) HANDSE MADE OF HIGH IMPACT MATERIAL (4) SWITCH 8/3/44 MI-2476 P-172169-502 DEC. 44 SUB 1
CBH 51002-A JL-5 55RE51J1005A MAGNETOPHONE SAME AS -51002 EXCEPT CABLE LEAD 1S SHIELDED.	51004c CXBU-1 MICROPHONE ASSEMBLY: CARBON BUTTON TYPE, FOR OPERATION FROM 4 TO 8 VOLTS DC. MEIGHT 3 OUNCES, EQUIPPED WITH NON-LOCKING PUSH-TO-TALK BUTTON. HAS ARTI-NOISE BAFFLE, INCLUDES TYPE -51042 MICROPHONE.	CRV51008- ASSEMBLY MADE OF MOLDED PHENOLIC IN- SIEAD OF BRASS (5) OTHER MINOR CHANGES IN MATERIAL & FINISH.
11/22/37 517F NOV. 41	7/24/42 CTE:RS-38A NAF:213264-6 NOV. 43 CVA:9044 REV 7, T-38C *	
CBM 5 10 0 2-B JL-9 MAGNETOPHONE ELECTRO-DYNAMIC, MOVING COIL TYPE. FIELD COIL ENERGIZED BY 1.1 AMP AT 75.5 VOLTS OC. SAME AS NAVY TYPE CBM-51002A EXCEPT THE FIELD COIL INCLUDES A SHELL OF COBALT STEEL FOR THE PURPOSE OF RETAINING SUFFICIENT MAGNETISM TO PERMIT	CH-51005 * SEE BELOW CHEST MICROPHONE SINGLE BUTTON, CARBON, INCLUDING D-97068 TRANSMITTER; 2A CHEST PLATE; D-97103 CONHECTING BLOCK; D-96489, 10-1/2" CORD; KS7537 CORDAGE; D-97069, 4 CORD, 4 #221 PLUG. * TBM, I, 2 & TBN, I, 2, 3.	CRY 51009 CRY-50064 HANDSET MOUNTING HOOK FOR USE WITH -51007 HANDSET.
9/5/40 517K / 60020 ALT 0 NOV. 41	2/26/35 D-97068 ESR-606581 NOV. 41	8/13/40 M1-8903 M-420665-501 NOV. 41 SUB 1
ITS USE UNDER EMERCENCY CON- 51002-8 DITIONS WITHOUT EXTERNAL POLARIZING POWER.	CAU 51006 TBO MICROPHONE 30 OHMS; 200 TO 3000 CYCLES.	CAU 51010 CRV-50064 MICROPHONE SAME AS CAU-51006 & CAU-51016 EXCEPT FOR CASE & OMISSION OF PUSH TO TALK SHITCH. RESISTANCE APPROXIMATELY 35 OHMS. & REQUIRES APPROXIMATELY 55 MA DC
,	Φ PHENOLIC CASE & TWO MOUNTING EARS. 12/29/36 35A7 EXCEPT P-7761768 NOV. 41 Φ SEE ABOVE REV 2	O CRV:M-420998 LESS CORD & PLUCS. 8/13/40 28509 O SEE ABOVE NOV. 41
CH-51003 GM CN-G-115 MICROPHONE RETAINER	CAU 51006A TBX-2 HAND MICROPHONE: PUSH-TO-TALK SHITCH, NON-LOCKING, OPER- ATES FROM 12.6 VOLTS ±10% DC SOURCE WITH SUITABLE RESISTOR, WHEN NORMAL MICRO- PHONE CURRENT WILL BE APPROX 120 MA, WILL DELIVER .35 TO 4 VOLTS RMS INTO AN OPEN CIRCUIT AT A SOUND PRESSURE OF 30	CRY 51011 CRY-50064 CHEST MICROPHONE ASSEMBLY CONSISTING (ONE EACH) OF NAVY TYPES CN-49034 PLUG, CRY-49119 CORD, CAU-5101 MICROPHONE & CHEST ASSEMBLY.
4/3/33 NOV. 41	5/18/42 CAU- INCLUDES P-7751768 HAR: 43 TYPE 41 CELL REV 4	8/13/40 f i-8705 P-717165-503 NOV- 41 SUB 3
51004 GP NAF #T-38	CAUSIONE A ERECUENCY RANCE OF 200 TO	51012
	BARS OVER A FREQUENCY RANGE OF 200 TO 3000 CYCLES. MICROPHONE RESISTANCE 30 OHMS ± 25%. SAME AS -51006 EXCEPT CELL IS TYPE 41. DOES NOT INCLUDE CORD AND PLUG.	CANCELLED - NEVER USED.
8/4/34 HOV. 41	ASSIGNED ASSIGNED	NOV. 41
DATE MONIGOSTHASE'S GANNIGOSTHASE'S	DATE MANUFACTURER'S MANUFACTURER'S MANUFACTURER'S	DATE MANUFACTURER'S MANUFACTURER'S

HAVY TYPE DESIGNATION FIRST ASSIGNED FO	OR ONASY PROXIMON	NAVY TYPE DESIGNATION FIRST ASSIGNED FOR	· ORASSECIFICATION	NAVY TYPE DESIGNATION FIRST ASSIGNED FOR	ok syk cirication
CAU 51012-A TBR & TBR CHEST MICROPHONE ASSEMB CONSISTS OF A CAU-49007 MICROPHONE. A MICROPHO AND SWITCH CORD AND CHE	LY PLUG,A -51016 NE CORD, A SHITCH ST ASSEMBLY.	(5) ALL PARTS COMMON TO TELEPHONES USED.	CRY 51015 - A SOUND POWERED	CRV 51019-A GEN USE HANDSET ASSEMBLY SAME AS BASIC NO. EXCEPT MOUTHPIECE REPLACED BY AND A SPRING CLIP MOUNTI MATERIAL USED IN BANDSET IS HIGH IMPACT GRADE (3) PHONE UNIT IS NI-2042A (4/3/44	TYPE 41, MICRO NG FOR IT (2) SHELL & EAR CAP RECEIVER EAR-
6/16/38 ES-76-5628 NOV. 41	(CC) P-7761782 REV 1			AUG. 44	
CAU 51012-B TCD CHEST HICROPHONE ASSEMB CONSISTS OF A CHEST PLA ABLE HALTER, A 20 FT. M 9" SWITCH CORD (3-CONDU) COVERED), A TYPE CAU-24 MAND SWITCH, A CAU-4900 CAU-51016 MICROPHONE.	TE WITH ADJUST- ICROPHONE CORD A CTOR, RUBBER 071 PRESS-TO-TALK 7 PLUG AND A	CAU 51016 * SEE BEI MICROPHONE: SAME AS CAU-51006 AND AND FOR OMISSION OF PU INCLUDES TYPE #35A7 CE	51010 EXCEPT CASE. SH-TO-TALK SWITCH.	OF HANDSET IS EQUIPPED W (5) 1/2 WATT CARBON RESI 1000 OHNS SHUNTED ACROSS RECEIVER UNIT.	STOR OF APPROX.
11/28/39 MOY. 41	(CC) P-7762407 REV 0	NOV. 41	REV. 1		
CAU 51012 C TBX & TCK CHEST MICROPHONE ASSEMB CONSISTS OF A CHESTPLAT MALTER, A 20 FOOT MICRO SWITCH CORD (3 CONDUCTO ED), A TYPE CAU-24071 P SWITCH, A CAU-49007A PL	LY: E WITH ADJUSTABLE PHONE CORD, A 9" R, RUBBER COVER- RESS-TO-TALK HAND	CAU 5 10 16 A TBX & TCM MICROPHONE: SAME AS -51016 EXCEPT H INSTEAD OF TYPE #35A7 C NAL DIMENSIONS ARE MACH TYPE 41 CELL INSTEAD OF CELL.	AS TYPE #41 CELL CELL. THE INTER- HINED TO FIT THE	CTE 51020 T8P HEADPHONE AND MICROPHON ASSEMBLY: CONSISTS OF A PHONE, TWO -49016 HEADP RUBBER EAR CUSHIONS, TE PLUC AND ADJUSIABLE HEA CTE-49103.	-51004A MICRO- Hones, Two -49104 Lephone cord and
51016A MICROPHONE. SAME 10/5/42 H-70750-1 MAR. 43		10/5/42 H-70740 Mar. 43	CG:P-7764898 REV 0	11/10/39 NGY. 41	CAY:P-7707159 Sud 0
CEPT FOR MICROPHONE.	CAU51012C	CAU 51017 CXAB, CX HANDSET: MICROPHONE 35 OHMS DC RESISTANCE, RECEIVER: GOO OHMS IMP MOMENTARY CONTACTS, NO 6-FOOT, 4-CONDUCTOR, R	125 MA DC MAX. EDANCE;SWITCH, 2 RMALLY OPEN;CORD,	CTE 51020-A HEADPHONE & MICROPHONE ASSEMBLY. CANCELLED.	
	•	3/23/39 Z-6173 NOV. 41		HOY. 41	
CRV 51013 TBT HANDSET ASSEMBLY CONSISTS OF A NAVY TYPE HANDSET, A 20 F001 5 CO A FIVE CONTACT PLUG.		CRY 51018 TBS CHEST MICROPHONE ASSEM CO::SISTING OF A 40 OHM ASSEMBLY, JACK FOR HEAD PLUG.	MICROPHONE, CHEST	RW 51021 XAK-3,XAF HYDROPHONE: COMBINED SC TUBES AND S MAGNETIC PICK-UP WITH C	
10/9/40	P-720305-504	4/22/39 M1-8728	CRV:P-720304	4/11/40 HOV. 41	
NOY. 41	SU8 5	NOV. 41	REV Q	**************************************	
CAU 51014 TBT TRANSMITTER SAME AS CAU-51010 EXCEP PUSH-TO-TALK SWITCH. O SUB 5 LESS CORD. 10/9/40	PT INCLUDES A	CRV 51018-A GEN USE CHEST MICROPHONE ASSEMI SAME AS BASIC NUMBER E: MICROPHONE IS REPLACED CABLE BETMEEN MICROPHO CHANGED TO TYPE TCOP-I THUMB NUTS ON CHEST PL REPLACED BY PHENDLIC NI 4/3/44 MI-2474	XCEPT (1) 35A7 BY TYPE 41 (2) NE 8 JUNCTION BOX /21 (1) (3) BRASS ATE ASSEMBLY	MICROPHONE, TWO CTE-490 ONE CTE-49103 ADJUSTABL CMO-49104 RUBBER EAR CU TELEPHONE CORD AND PLUG 51020 EXCEPT MICROPHONE 7/3/40	A CTE-510049 16 HEADPHONES, E HEAD STRAP THO ISHIONS AND ONE . SAME AS CTE-
NOV. 41	O SEE ABOVE	AUG. 44	REV 21	¥ ⊕∀. 41	
CRY 51015 TBT CHEST MICROPHONE ASSEMB CONSISTS OF A NAVY TYPE MICROPHONE, A CHEST ASS FOR HEADPHONES, A FIVE AND A FIVE CONTACT PLUG	CAU-51014 EMBLY, A JACK CONDUCTOR CORD	ARM ASSEMBLY IS REDESIGNED FARTS COMMON TO SOUND IN USED.		SENSITIVETY ON LOW VOICE PLUG IS KEYED TO PREVEN	
10/10/40 NOY. 41	P-720304-502				
CRV 51015-A GEN USE CHEST MICROPHONE ASSEME SAME AS BASIC NO. EXCER IS TYPE 41 (2) CABLE BE 4 JUNCTION BOX CHANGED (1) (3) BRASS THUMB NUI ASSEMBLY REPLACED BY PI TRANSMITTER ARM ASSEMBL	T (1) MICROPHONE TMEEN MICROPHONE TO TYPE TCOP-1/2T 'S ON CHEST PLATE HENOLIC NUTS (4) Y IS REDESIGNED	CRY 51019 TBS HANDSET ASSEMBLY: CONSISTING OF A 40-0HM AS IN -51018), A RECEI IMPEDANCE AT 1000 CY.	VER UNIT 600 OHMS	CTE 51022 - A TBY-4 HEADPHONE & MICROPHONE ASSEMBLY: CONSISTS MICROPHONES, 2 CTE-4901 CTE-49103 ADJUSTABLE HE -49104-A ANERIPOL EAR C TELEPHONE CORD AND PLUG CTE-51020 EXCEPT MICROP 3/16/45	AD STRAP, TWO USHIONS AND ONE . SAME AS
4/3/44 AUG _• . 44	P-720304-504 REV 21 ASSIGNED	HOY. 41	REA 0	FEB. 44	REV B

DATE MANUFACTURER'S

KILANTSAINEAN

EUVERINAN

MANUFACTURER'S DESIGNATION

DATE

ETUNTSHIPS

MANUFACTURER'S DESIGNATION

DATE

NAYY TYPE DESIGNATION FIRST ASSIGNED FOR NAYY BRAYING OR SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR ON SPECIFICATION	NAVY TYPE FIRST ASSIGNED FOR ON SPECIFICATION
CTE 51022 - A SENSITIVITY ON VOICE LEVELS AND PLUG IS KEYED TO PREVENT INSERTION IN KEY JACK.	CRM 51026 TCP HAND TELEPHONE ASSEMBLY: WESTERN ELECTRIC E3 HANDSET WITH PUSH- TO-TALK SWITCH IN HANDLE, AND G3 SWITCH HOOK ASSEMBLY.	CBD 51031 - B JM-4 HYDROPHONE FREQUENCY RANGE: 500 TO 20,000 CPS. CAPACITIVE IMPEDANCE APPROXIMATELY 150 AT 1000 CYCLES. SAME AS -51031 - A EXCEPT (1) CABLE STRAIN WIRES ARE ANCHORED TO
	2/7/41 NOV. 41	A SPECIAL FILLER PLUG BY MEANS OF A SET SCREW (2) RUBBER CAP MODIFIED TO GIVE 8/20/43 C-23-3 300034 NOV. 43 8/12/43
CTE 51022-B TBY-6,7.8 HEADPHONE & MICROPHONE ASSEMBLY: CONSISTS OF A -51004-B MICROPHONE, 2 TYPE -49016 HEADPHONES, ONE TYPE -49103 ADJUSTABLE HEAD STRAP, TWO TYPE -49104-A EAR CUSHIONS AND ONE TELEPHONE CORD AND PLUG. SAME AS -51022-A EXCEPT CORD IS NEOPRENE INSTEAD OF RUBB-	CRM 51027 TCR HAND TELEPHONE ASSEMBLY: INCLUDES A MESTERN ELECTRIC CO. F3AW3 HANDSET WITH PUSH TO TALK SWITCH IN HANDLE, MITH HI DESK STAND AS MODIFIED BY RADIOMARINE.	CBO 51031 - B GREATER CONTACT SURFACE BETHEEN CAP & CABLE (3) RUBBER SLEEVE MODIFIED TO IN- CLUDE DARK RED SECTION.
12/27/43 FEB. 44	5/6/41 K-185 SUB 1 MAR.J. 431	
CTE 5 1022 - B	RW 51028 OR HYDROPHONE AND 100 FT. CABLE: CONSISTS OF A WESTERN ELECTRIC TYPE 633A HIGH FIDELITY MICROPHONE EN- CLOSED IN A RUBBER CASE AND 100 FEET DOUBLE CONDUCTOR SIMPLEX SHIELDED 5/8* OD UNDERWATER SOUND PROJECTOR CABLE AND SUITABLE PLUG. 5/19/41 CW:633A NOV. 41 MODIFIED	CM 51032 MN HANDSET: INCLUDES A PUSH-TO-TALK SWITCH. TRANSMITTER CHARACTERISTIC IS ESSENTIALLY FLAT OVER SPEECH RANGE. RECEIVER OUTPUT FLAT TO WITHIN ±3 DB FROM ISO TO 2750 CYCLES. SHARP ATTENUATION AT HIGHER FREQUENCIES. SUPPLIED WITH 20 FT. OF WATER-PROOF CORD 5/9/42 CM:F3AH3 CFL:1410-12A OCT. 42
CTE 51022-C TBY-6,7.8 HEADPHONE & MICROPHONE ASSEMBLY: CONSISTS OF A -51004-B MICROPHONE 2 TYPE -49016 HEADPHONES, ONE TYPE -49103 ADJUSTABLE HEAD STRAP, TWO TYPE -49495 EAR CHSHIONS AND ONE TELE- PHONE CORD AND PLUG, SAME AS -51022-A EXCEPT CORD IS NEOPRENE INSTEAD OF RUBB- 12/27/43 FEB. 44	RW 51029 OR HYDROPHONE & 400 FT CABLE: CONSISTS OF WE 633A HIGH FIDELITY MICRO- PHONE ENCLOSED IN A RUBBER CASE AND 400 FEET OF DOUBLE CONDUCTOR SIMPLEX SHIELD- ED 5/8"OD UNDERWATER SOUND PROJECTOR CABLE. IDENTICAL TO RW-S1028 EXCEPT FOR CABLE LENGTH. 5/19/41 CW NOY. 41	CW 51032
CTE 51022-C ER COVERED AND EAR CUSHIONS HAVE BEEN CHANGED.	CBD 51030 CXBO MYDROPHONE:	CFL 51033 MN HANDSET MOUNTING HOOK: MOUNTING FOR TYPE -51032 HANDSET. EM- PLOYS SPRING CLIP SO THAT HANDSET IS HELD FIRMLY IN POSITION IN SPITE OF SE- YERE ROLLING AND VIBRATION.
	2/20/42 APR. 42	5/9/42 CFL:1410-12A
RA 51023 OL RA 54F 101 CRYSTAL PICKUP: QUARTZ CRYSTAL PICKUP	CBD 51031 JH-1 HYDROPHONE:	CFL 51033-A MN-5 HANDSET MOUNTING HOOK SAME AS -51033 EXCEPT USES STEEL SPRING WIRE INSTEAD OF BRONZE.
10/16/42 0CT. 42	4/1/42 C-23 CBD:13700 JUNE 42 REV 0	4/6/44 1634-1 1634-†A AUG. 44
RA-51024 OL 54F101 SOUND PICK UP ASSEMBLY INCLUDES A TYPE RA-51023 QUARTZ CRYSTAL PICK UP AND A TYPE RA-50072 PREAMPLIFIER IN A STEEL CASE.	CBD 51031-A JM-I HYDROPHONE: FREQ RANGE: 500 TO 20,000 CPS; CAPACI- TIVE IMPEDANCE APPROXIMATELY 150 OHMS AT 1000 CY, SAME AS BASIC NUMBER EXCEPT 1. RUBBER IS CHANGED FROM SOUND RUBBER TO "TIRE" RUBBER, 2. CABLE CLEVIS COR- NERS ROUNDED OFF, AND 3. CLAMPING BAND	TOLERANCE, 50 OHMS IMPEDANCE MOUNTED ON A DESK STAND WHICH HAS A "PUSH TO TALK" SWITCH WHICH STARTS RECORDING MOTORS AND
10/30/40 DEC. 44	10/20/42 CBD:C-23-2 CBD:13331 AUG. 43 9-14-42	TIMING UNIT OF TRANSCRIBING SYSTEM AND 5/22/42 MODEL 220 MAR. 43
RA 51025 OP PICKUP: FREQ. RANGE ISO TO 12000 CYCLES, PERMA- NENT MAGNET TYPE. DC RESISTANCE 150 OHMS INDUCTANCE 420 MH AT 1000 CYCLES.	CBD 51031-A CHANGED FROM PHOSPHOR PROMZE TO STAIN- LESS STEEL AND 4. A PROTECTIVE PAINT ADDED TO THE STEEL FRAME.	CONNECTS HICROPHONE TO CT051034 AMPLIFIER INPUT. SUPPLIED WITH 20 FOOT OF 4 WIRE SHIELDED CABLE FOR AUDIO CURRENTS AND HOTOR CONTROL CURRENTS. SIMILAR TO NAVY TYPE CTQ -51049
11/12/40 NRL SKETCH ROY. 41	RD A	SIGNED SSUED

MANUFACTURER'S MANUFACTURER'S DRAWING NUMBER

DATE

MANUFACTURER'S MANUFACTURER'S

NAVY TYPE DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR ON SPECIFICATION
CBD 51035 JO HYDROPHONE ASSEMBLY: CONSISTS OF THO MANY TYPE CBD-S1036 HYDROPHONE UNITS ARRANGED TO GIVE APPROX COVERAGE OF 135 DEGREES, FROM 3 DEGREES ACROSS THE BOM TO 42 DEGREES ABAFT OF THE BEAR. ONE HYDROPHONE ASSEMBLY RE- QUIRED FOR EACH SIDE OF THE SHIP. 6/22/42 C35 13776 ALT G MAR. 43 13810 ALT AE	CBD 51038-B #GEN USE HYDROPHONE: SAME AS -51038 EXCEPT CAP CHAMBER IS FILLED WITH WAX; ALL EXPOSED NETAL PARTS PROTECTED FROM SEA WATER WITH TAPE. SUPERSEDES -51038. #FIRST PURCHASE: NXS-8288 4/5/43 AUG. 43 CBD 51038-C #GEN USE	CCI 51041 MU.HY.MW.MX MICROPHONE AND COVER ASSEMBLY: INCLUDES NAVY TYPES -1013424159, -49212, -49213, -51042 COVER, OFF-ON SWITCH ANTENNA CORD, MICROPHONE CORD AND MICROPHONE RESPECTIVELY. ALSO INCLUDES ONE CINCH MFG. CO. 5 CONTACT AND ONE 11 CONTACT MALE RECEPTACLE AND 9/10/12 AUG. 43
CBD 51035 INCLUDES HORNS TO PROVIDE DIRECTIONAL CHARACTERISTICS.	HYDROPHONE: SAME AS -51038-A EXCEPT CAP CHAMBER IS FILLED WITH WAX; ALL EXPOSED METAL PARTS PROTECTED FROM SEA WATER WITH TAPE. SUPERCEDES -51038-A.	ccr 51041 ASSOCIATED HARDWARE.
	*FIRST PURCHASE: MXS-12417, 18317 4/5/43 AUG. 43	
CBD 51036 JO HYDROPHONE UNIT: FREQUENCY RANGE 500 TO 20,000 CPS.	CBO 51038-D GEN USE HYDROPHONE: SAME AS -51038-A EXCEPT FOR THE ADDITION OF A NEW TAIL PIECE WITH STABILIZING FINS AND A STREAMLINED NOSE PIECE.	CTE 51042 MU,MY,MW,MX MIGROPHONE: CARBON BUTTON TYPE FOR OPERATION FROM 4 TO 8 VOLTS DC. WEIGHT 3 02. EQUIPPED WITH NON-LOCKING PUSH-TO-TALK BUTTON. HAS ANTI-NOISE BAFFLE. DOES NOT INCLUDE CORO AND PLUG.
7/3/42 C36 13811 ALT K	6/5/43 C-37-4 AUG. 43	SAME AS 51004C EXCEPT DOES NOT INCLUDE CORD AND PLUG. 9/10/42 RS33A LESS NOV. 43 CORD & PLUG
	CBD 51038-E *GEN USE	
COA 51037 MS MICROPHONE ASSEMBLY: MICROPHONE COMPLETE WITH CORD AND PLUG.	HYDROPHONE: SAME AS -51038-D EXCEPT FOR THE OMISSION OF FINS AND THE SUBSTITUTION OF AN 18 FT TRAILING ROPE (3/4" DIAMETER).	RW 51043 OR-4 HYDROPHONE AND 200 FT. CABLE: COUSISTS OF A WE TYPE 633A HIGH FIDELITY MICROPHONE ENCLOSED IN A RUGAER CASE AND 200 FT. OF DOUBLE CONDUCTOR
7/21/42 AUG. 42	#FIRST PURCHASE; NXSS-26605, NXSS-28721 7/6/43 C-37-5 AUG. 43	SIMPLEX SHIELDED 5/8" O.D., UNDERWATER SOUND PROJECTOR CABLE AND SUITABLE PLUG SAME AS RM-51028 EXCEPT FOR CABLE LENGTH 9/24/42 OCT. 42
CBD 51038 * SEE PLATE 2 HYDROPHONE: LENGTH 55* DIA 2-1/2", OIL FILLED. 8 ROCHELLE SALT CRYSTALS IN PARALLEL. FREQ RESPONSE 500 TO 20,000 CYCLES. SENSITIVITY 400 MICROVOLTS PER DYNE PER SQUARE CENTI- METER AT SECONDARY TERMINALS OF CRID TRANSFORMER. RUBBER COVERING 1/4" THICK. 8/6/42 C-57 13900 TARR. 43	CBD 51038-F NXSr-36724 HYDROPHONE FREQUENCY RESPONSE 500 TO 20.000 CYCLES. SAME AS CBD-51038-C EXCEPT FOR SLIGHT CHANGES IN DESIGN TO GIVE IMPROVED CON- STRUCTION AND FACILTATE PRODUCTION. FOR USE WITH JR 9/28/43 C-37-6 CBD:400018 NOY. 43	CAU 51044 TCK-I RE 8944 CHEST MICROPHONE ASSEMBLY CONSISTS OF A CHEST PLATE WITH ADJUST- ABLE HALTER. A 20' MICROPHONE CORD. A 9" SWITCH CORD (3 CONDUCTOR. RUBBER COVERED) A TYPE CAU-24071 PRESS-TO-TALK HAND- SWITCH , A CAU-49007 PLUG AND A CAU- 51016 MICROPHONE. SAME AS CAU-51012-8 10/24/42 JULY 44
C B D 5 10 3 8 * NXS-8288, ENZ8/168-42/SHIPS	CYL 51039 *SEE PLATE 2 HICROPHONE: MOVING COIL TYPE, OUTPUT LEVEL -150810 DB =1 MM INTO 500 OHM LINE), NORMAL SPEECH INPUT. FREQ RESPONSE SHARPLY RISING WITH HAX OUTPUT AT 3500 CY, WEIGHT 14 0Z, LESS CABLE. SIZE 2-1/2" X 3-1/4" X 2" THICK, DESIGN- ED TO FIT PLAM OF HAND. SWITCH "PRESS- 8/13/42 CYL: 600C SIG. AUG. 42 CORPS T-50	CAU51044 EXCEPT EMPLOYS AN "A" (SEE RE-8944) CIR- CUIT.
CBD 51038A NXS-12417 HYDROPHONE: FREO RESPONSE 500 TO 20,000 CYCLES, SAME AS BASIC NUMBER EXCEPT (1) RUBBER IS CHANGED FROM SPONGE RUBBER TO TIRE RUBBER. (2) CABLE CLEVIS PIN CORNERS ROUNDED OFF AND. (3) IDENTIFICATION BAND CHANGED FROM PROS- PHOR BRONZE TO STAINLESS STEEL AND A 11/2/42 C-37-1 NAR. 43	TO-TALK" TYPE DESIGNED CVL51039 FOR SIMULTANEOUS ACTION WHICH SHUTS MICROPHONE AND CLOSES RELAY WHEN PRESSED MIPING CONTACTS. CASE MATERIAL ZAMAK #3. MOUNTING CLIP FOR DASH INSTALLATION. CABLE 9-1/2 FT. LOW CAPACITY, SHIELDED WITH 2 EXTERNAL RELAY LEADS UNDER OVER- ALL BRAID AND RUBBER JACKET. *NXS-10241, USE WITH ARMY SCR-299.	CAU 51044A TCK-1 RE 8944 CHEST MICROPHONE ASSEMBLY: CONSISTS OF A CHESTPLATE WITH AN ADJUST- ABLE HALTER. A 20 FT MICROPHONE CORD. A 9" SWITCH CORD (3 CONDUCTOR RUBBER COVERED).A TYPE CAU-24071 PRESS-TO-TALK HANDSHITCH.A CAU-49007-A PLUG & A CAU- 51016-A MICROPHONE. SAME AS CAU-51012-C 11/12/42 CAU:H-70750-1 CG:P-7764898 AUG. 43
CBD51038A PROTECTIVE PAINT ADDED.	CAU 51040 MR HANDSET ASSEMBLY: INCLUDES HANDSET WITH CUPPED MOUTHPIECE PRESS-TO-TALK SHITCH AND CABLE, EARPIECE HAS 50 OHM DC RESISTANCE AND IMPEDANCE OF 140 OHMS AT 800 CYCLES. MICROPHONE RESISTANCE IS 40 OHMS AND IMPEDANCE IS 100 OHMS AT 800 CYCLES. 8/19/42 L-880-80 CCS:42775 OCT. 42	CAU 5 1044 - A EXCEPT EMPLOYS AN "A" (SEE RE 8944) CIR- CUIT. SAME AS CAU-51044 EXCEPT FOR MICROPHONE AND PLUG.

DATE MANUFACTURER'S
DESIGNATION

STANKI SAIKKAN

MANUFACTURER'S MANUFACTURER'S

DATE

MANUFACTIVAR'S MANUFACTURER

NAVY TYPE DESIGNATION FIRST ASSIGNED FO	R DR SPECIFICATION	DESIGNATION	FIRST ASSIGNED FOR	OR SPECIFICATION		NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CAU 51045 TOR TON CHEST HICROPHONE ASSEMB CONSISTS OF A CHESTPLAT HALTER, A 7 FOOT MICROP SHITCH CORD (3 CONDUCTO A TYPE CAU-24071 PRESS- SMITCH, A CAU-49007-A CAU-51012-A MICROPHONE. 12/18/42 CAU:H-70750-8 AUG. 43	E WITH ADJUSTABLE HONE CORD, A 9" R RUBBER COVERED) TO-TALK HAND LUG AND A	UNIFORM F TOLERANCE SIGNAL AT IMPEDANCE INCLUDES 1/5/43		CYCLES WITH 6DI AT A 10 BAR NCE. 50 OHMS DESK STAND AND	3	HYDROPHON STRAIGHT PHONE (US 36" LONG) PHONE LEN HEIGHT 3	3-A JP-2 LE ASSEMBLY TUBE MACHETOSI LES STRAIGHT NI . USES SOUND B GOTH 407, WIDTH 7/8". WI. IS A 1. RANGE IS NOM	CKEL TUBE ABOU AFFLE. HYDRO- 6 7/8" AND PPROX. 49 1/2
EXCEPT FOR CORD LENGTH.	. CAU 51045	OF TRANSC MECROPHON WITH 20 F AUDIO AND AS NAVY T	CORDING MOTORS RIBING SYSTEM / E TO AMPLIFIER T OF 4 HIRE SHI NOTOR CONTROL YPE CTQ-51034 E TCH 1S LQCATED IE BASE.	NO CONNECTS INPUT. SUPPLIED ELDED CABLE FOR CURRENTS. SAME XCEPT "PUSH-TO) R	AT 900 CY ING BASE.	CYCLES. IMPED CLES. TYPE NO. SAME AS -5105 THREADED AND	INCLUDES MOUNT
CAU 51046 TCM TCN CHEST MICROPHONE ASSEMBL CONSISTS OF A CHESTPLATI MALTER, A 7 FOOT MICROPI SMITCH CORD (3CONDUCTOR A TYPE CAU-24071 PRESS- SMITCH, A CAU-49007-A CAU-51016-A MICROPHONE. 12/18/42 CAU:H-70750-9	E WITH ADJUSTABLE HONE CORD, A 9" RUBBER COVERED) TO-TALK HAND LUG AND A SAME AS CG:P-7765043-2	TALK SHIT OHMS. REC (APPROX). RANGE 300 OF CORD 8 1/6/43	SINGLE-MAKE COM CH. TRANSMITTER ELVER IMPEDANCE CARBON GRAHULE TO 3000 CPS. I TUT NO, PLUG. INC CAU;H-70590-1	IMPEDANCE 30 200 OHMS TYPE. FREQ NCLUDES 5 FEET L A CORD COILES CAY:P-7707248	٠.	CAU 5105 CANCELL 5/29/43		
AUG. 43 CAU-51044-A EXCEPT FOR I	CAU 50146 CORD LENGTH.	CVX 5 105 DESK MICR OUTPUT -5 BUILT-IN OF MICROPHON TYPE. (OD OF CABLE		8.000 OHMS. HAS CHING VOICE CO F AMPLIFIER. AND. DYNAMIC INCLUDES 20 FT.	L .	RQ-5105 HYDROPHOINCLUDES TYPE AXS PREAMPLI DUCTOR S INATED B	O 5 OAY NE ASSEMBLY: A HYDROPHONE S-A AND A BUIL FIER OF 1698 G. HIELDED CARLE Y A WAITERPOOF NE APPR®X 26" I	I-IN THO STAGE AIN AND A 4 CO 17 FEET LONG T PLUG. SIZE OF
51047 TBX-3 MICROPHONE ASSEMBLY: HICLUDES ONE NAVY TYPE PHONE, OHE NAVY TYPE -4: PLUG AND 5 FT CORD WIREL CULT OF RE-8944A.	9007 TELEPHONE	ME1GHT 39	OUNCES.	cvx 51051		FREQ RAN APPROX 5	GE 100 TO 15000 DB-	RQ-5135 O CYCLES WITHI
12/28/42 SEPT 43	RE - 8944A							
51047-A TCK SERIES MIGROPHONE ASSEMBLY: INCLUDES ONE NAVY TYPE -51006-A MICRO- PHONE, ONE NAVY TYPE -49007-A TELEPHONE PLUG AND 6' CORD WIRED WITH "A" CIRCUIT OF RE-8944.		UNIT MTD. Parabola Inside of		RABOLA. FRONT I RUSBER CAP. EE FLOODING IN	F	ASSEMBLY: WITH; IMP CYCLES; F CYCLES ±: WITH 4000	E AND MICROPHON CONSISTS PEDANCE OF 600 FREQ. RESPONSE DB. 1500 10 3 D CYCLE CUTOFF	OF (1) HEADSET OHMS AT 1000 OF 250 TO 150 (50C + 2 -5 DB WITH REFERENC
4/14/43 \$EPT 43	RE-8944	2/7/43 AUG. 44		26255 ALT H			9032 MICROPHOT CYA: *See A⊘0	
CCI 51048 MAB HICROPHONE AND COVER ASSEMBLY: INCLUDES NAV' -24159, -49212, -49213, OFF-ON SWITCH, ANTENNA CORD AND MICROPHONE RES INCLUDES ONE CINCH MFG ONE 11 CONTACT MALE REC 1/2/43 HAR. 44	-51042. (COVER. CORD. MICROPHONE PECTIVELY). ALSO CO 5 CONTACT AND	STRAIGHT Phone (US 36" Long) Phone Len Height 3-	JP-1 IE ASSEMBLY: TUBE MAGNETOSTI ESS STRAIGHT NII . USES SOUND 8. IGTH 40", WIDTH 778", WEIGHT IS REQ RANGE IS NO	KEL TYBE ABOUT IFFLE. HYDRO- 6-7/8" AND I APPROX. 49-1/	2	CYCLES (2 ABLE WITH CONTROL	TPUT AT 1000 2) SIMILAR TO A 1 -51004 SERIES 1 -51004 SERIES 1 -51004 SERIES 1 -51004 SERIES 1 -51000	(3) SWITCH
ASSOCIATED HARDWARE.	cc:51048		0.000 CYCLES. II 000 CYCLES. TYPE BASE.		ES	TO-TALK S	IE: T MAGNET MICROF SWITCH. OUTPUT CLUDES & FOOT P ED CORD WITH AM	SHENOL IYPE W
		GHED UED			ASSIGNED ISSUED	779743 SEPT 43	CAU:GH-77020-1	REV 0
DATE MANUFACTURER'S	MANUTACTUREE A	DATE	MANUFACTURER'S DESIGNATION	MANHACTUMEN		DATE	MANUFACTURER'S DESIGNATION	STATUT SAINDAM

NAYY TYPE FIRST ASSIGNED FOR NAYY DRAWING OR SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR OF STATISTICAL PROPERTY OF STATES O
CQA 51058 JP HYDROPHONE ASSEMBLY: CONSISTS OF A MASSETOSTRICTION HYDRO- PHONE, WITH A FREQUENCY RANGE OF 100 TO 30,000 CPS, MOUNTED IN A BAFFLE WHICH PERMITS DIRECTIONAL RECEPTION OF SOUND.	CPK 51065 OAX-1 HYDROPHONE ASSEMBLY FREQ. RANGE: 15 TO 30 KC. INCLUDES MAGHETO STRUTION TYPE HYDROPHONE WITH 60 FT OF 2 WIRE SHIELDED CABLE, AND 75 FT. EXTENSION CABLE, OPERATION OF HYDRO- PHONE SATISFACTORY WITH CONTINUOUS POWER INPUT OF 1.0 WATT. SIMILAR TO -51061.	CM-51071 GEN. USE RE 934UA MICROPHONE ASSEMBLY: PLBB ADD #A COSSISTS OF ONE TYPE -10312 FACE HARNESS ASSEMBLY AND ONE TYPE -5,066 LIP MICRO- PHONE.
7/16/43 D-5528,REV 4 SEPT 43 CQA:C-5544 REV 0	12/23/43 FEB. 44	5/18/44 D-173359 CW:80-15/383 MAY 45 ISS. I
CW-51059 OBC HYDROPHONE CONSISTS OF TWO PAIRS OF INERTIA MICRO- PHONES MOUNTED IN QUADRATURE IN A METAL SPHERE WHICH IS ENCASED IN RUBBER. THE OUTPUT OF EACH PAIR OF MICROPHONES IS APPROXIMATELY PROPORTIONAL TO THE COSINE OF THE ANGLE OF INCIDENCE OF THE WAVE 8/19/43 D-173194 CM:ESO-671068	CH-51066 GEN RADIO USE RE 9340A LIP MICROPHONE PLUS ADD #A NOISE CANCELLING, CARBON MICROPHORIE, FREQUENCY RANGE 250 TO 4000 CYCLES, AYERAGE OUTPUT APPROX +47 Db FOR 1 MILLI- VOLT WHEN TESTED IN STANDARD JRB CIRCUIT BUITON CURRENT APPROX. 55 MA. MATERPROUP, USES TYPE CH-10312 FACE HARNESS ASSEMBLY, 1/4/44 D-173260 CW:30-115187 MAY 45. ISS. 2	CH-51072 HAE-I HANDSET: CONSISTS OF A W.E. TYPE FI TRANSMITTER AND HA4 RECEIVER. INCLUDES PUSH-TO-TALK SWITCH ON INSIDE OF HANDLE.
NOV. 45 ISSUE B(2)	153. 2	OCT. 44 REV 2
CW-51059 FROM AN EXPLOSION AND INVERSELY PROPORTIONAL TO THE DISTANCE TO THE EXPLOSION.	CQA 51067 JP HYDROPHONE ASSEMBLY CONSISTS OF MACRETOSTRICTION HYDROPHONE CARTRIDGE MOUNTED IN A BAFFLE WHICH PER- HITS DIRECTIONAL RECEPTION OF SOUND. FREQUENCY RANGE: 100 TO 30,000 CPS. COVER IS POLYSTYRENE.	RQ-51073 OAY HYDROPHONE ASSEMBLY INCLUDES A HYDROPHONE BRUSH DEVELOPMENT TYPE AX120. A BUILT IN TWO-STAGE PREAMP- LIFIER OF 1645 GAIN, AND A 6 CONDUCTOR SHIELDED CABLE NAYY TYPE HCOS-16. 17 FT. LONG TERMINATED BY A WATERPROOF PLUG.
	1/25/44 D-5685 D-5685 Mar. 44 REV O	SIZE OF HYDROPHONE APPROXIMATELY 26* 7/27/44 OCT. 44
cw- 51360 Js, cxew нуогорноне	CW-51068 UG, UH TELEPHONE SET UNIT CONSISTS OF A TELEPHONE HANDSET, MAGNETO- GENERATOR, RINGER. HAS COMPARTMENT FOR THO FLASHLIGHT BATTERIES. ALSO HAS SWITCH FOR ENERGENCY SUBSTITUTION OF POWER FROM THE DRY CELLS IN PLACE OF THAT NORMALLY SUPPLIED BY THE RECTIFIER 3/17/44 X-663140	RQ- 51073 LONG, 2 1/2" DIAMETER. FREQUENCY RANGE 100 TO 1500 CYCLES WITHIN APPROXIMATELY 54b. SIMILAR TO RQ-51055 EXCEPT THAT AN ADP CRYSTAL REPLACES ROCHELLE SALT CRYSTAL WHICH, WITH MINOR MODIFICATIONS OF PREAMPLIFIER, GIVES BETTER SIGNAL TO YOLTAGE RATIO.
8/30/43 CW:ESR-671970 MAR. 44 ISSUE I	HAR. 44	TOURISE ANTIV.
CQJ-51061 OAX HYDROPHONE ASSEMBLY FREQ RANGE: 15 TO 30 KC. INCLUDES MAG- NETOSTRICTION TYPE HYDROPHONE WITH 60 FT OF TWO WIRE SHIELDED CABLE. OPERATION OF HYDROPHONE SATISFACTORY WITH CONTINUOUS POWER INPUT OF 1.0 WATT.	CW-51068 POWER SUPPLY.	COA- 51074 JT HYDROPHONE MAGNETOSTRICTION HYDROPHONE, CONSISTING OF 10 PERMANENT MAGNET SECTIONS ARRANGED IN 2 SECTIONS BY MEANS OF SPLIT WINDING. D.C. RES. APPROX. 48 OHMS. IMPEDANCE AT 1000 CYCLE APPROX. 100 OHMS. FREQUENCY
10/1/43 161-H 2567 DEC. 44 REY Q		8/4/44 OCT. 44
-51062 GENERAL USE HANDSET	COG 51069 JP-3 HYDROPHONE ASSEMBLY STRAIGHT TUBE MAGNETOSTRICTION HYDRO- PHONE (USES STRAIGHT NICKEL TUBE ABOUT 36" LONG). USES SOUND BAFFLE. HYDROPHONE LENGTH 40", WIDTH 6 7/8", AND HEIGHT 3 7/8". WEIGHT IS APPROX 49 1/2 POUNDS. FREO. RANGE IN NON-LINEAR FROM 100 TO 3/25/44	CQA-51074 100 TO 60,000 CYCLES. HAS LOBE REDUCTION FEATURE.
11/4/43 NOY. 43	MAY 44	
51063 GENERAL USE HANDSET ASSEMBLY	COG 51069 20.000 CYCLES. IMPEDANCE IS 50 0HMS AT 900 CYCLES. TYPE NUMBER INCLUDES HOUNTING BASE. SAME AS -51053 AND 51053-A EXCEPT FOR MOUNTING BASE.	CRY- 51075 JT HYDROPHONE ASSEMBLY CONSISTS OF A NAVY TYPE COA-51074 HY- DROPHONE IN A TYPE -10365 BAFFLE. BAFFLE CONSISTS OF A RUBBER BLANKE IN STAIN- LESS STEEL ON A SHOCK MOUNT. INCLUDES TYPE -10366 SOUND ABSORBING COUPLER UNIT.
11/4/43 HOV. 43		8/4/44 0CT. 44
51064 GEMERAL USE HANDSET ASSEMBLY, 20 FT. CORD.	CW- 51070 UF HEADSET ASSEMBLY: HAS PUSH-TO-TALK SWITCH WITH RUBBER JACKETED CORD. TREATED FOR ANTIFUNGUS. HAS 6 FT. CORD.	CCN-51076 CANU-23423 HANDSET ASSEMBLY HICROPHONE WILL DELIVER BETWEEN 0.35 TO 4 VOLTS RMS INTO AN OPEN CIRCUIT AT A SOUND PRESSURE OF 100 DD OVER THE FRE- QUENCY RANGE 200 TO 3500 CYCLES PER SEC. CARBON GRANULE TYPE TRANSHITTER, PER-
	4/4/44 D-173523 F3H-3 JULY 44 TROPICALIZED ASSIGNE	MANENT MAGNET, 600Ω RECEIVER. SWITCH 8/11/44 2592-X CANU-S-660-3 DCT. 44
DATE MAZNICATHARES MACHINETURES	DATE WORKSTANKE, CASHING INTESS INTESS	DATE MANUSACTIVASES MANUSACTIVASEA

NAVY TYPE FIRST ASSIGNED FOR OR SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR ON SPECIFICATION	MANY TYPE FIRST ASSIGNED FOR OR SPECIFICATION
CCN-51076 "PRESS TO TALK" TYPE IS INCLUDED.	-51082 GEN. USE RESIFI14 HAND TELEPHONE ASSENBLY SCHEMATIC D CONSISTS OF ONE NAVY TYPE -51007 HANDSET ONE -49118 CORD, AND ONE -49619 PLUG.	51090 GEN USE CHEST SET ASSEMBLY CONSISTS OF A -10455 BREAST PLATE ASSEMBLY, -51099 MICROPHONE, A LENGTH OF MMOP-5 CORD, AND A AN-3106-145-5P PLUG AND AN-3057-6 CABLE CLAMPS, AND A TWO CIRCUIT JACK.
	10/16/44 DEC. 44	1/18/45 HAR. 45
CAU- 51077 TCK-4 & TCK-7 RE 9367A CHEST MICROPHONE SAME AS NAVY TYPE CAU-51016A EXCEPT THAT THE SWITCH IS INCORPORATED INTO THE MICROPHONE PROPER. NORTHAL OPERATING CUR- RENI 150 AMPS MAX. RESISTANCE 25 TO 45 OMMS. OUTPUT VOLTAGE AT SOUND PRESSURE OF 20-4 DYNES/CM SQUARED FROM 200 TO	-51083 GEN. USE RESIFI14 HAND TELEPHONE ASSEMBLY SCHEMATIC A CONSISTS OF ONE NAVY TYPE-51007 HAND- SET. ONE -49118 CORD, AND ONE -49210 PLUG. SAME AS -51084 EXCEPT -51084 HAS: PLUG WIRED DIFFERENTLY.	51091 GENERAL USE CHEST SET ASSEMBLY CONSISTS OF -10455 BREAST PLATE ASSEMBL -51089 MICROPHONE, A LENGTH OF MMOP-S CORD, AND A -49619 PLUG, AND A TWO CIR- CUIT JACK.
8/15/44 CG:P-64J82 FEB. 45 KEY I	10/16/44 MAY 45	1/18/45 Mar. 45
CAU- 51077 3500 CPS IS 0.35 VOLTS RMS MIN. 4 VOLTS RMS MAX.	-51084 GEN. USE RESIFI14 HAND TELEPHONE ASSEMBLY SCHEMATIC B CONSISTS OF ONE NAVY TYPE -51007 HAND- SET, ONE -49118 CORD, AND ONE -49210 PLUG. SAME AS -51083 EXCERT -51083 HAS PLUG MIRED DIFFERENTLY.	51092 GENERAL USE CHEST SET ASSEMBLY CONSISTS OF A -10455 BREAST PLATE ASSEMBLY, 51049 HICROPHOME, A LENGTH OF MMOP-5 CORD AND A -43210 PLUG. SAME AS -61093 EXCEPT PLUG IS WIRED DIFFERENTLY.
	10/16/44 May 46	1/18/45 Mar. 45
CAU- 51078 TCK-4 & TCK-7 RE 9367A CHEST MICROPHONE ASSEMBLY CONSISTS OF CAU-51077 MICROPHONE, CHEST PLATE, 20 MICROPHONE CORD, AND CAU-49007A PLUG. SIMILAR TO CAU-51044A EXCEPT FOR POSITION OF SWITCH.	-51085 GEN RADIO USE RESIFIIS MANDSET CRADLE. INCLUDING A CPH TYPE PCSF RECEPTACLE AND 2 SPST NC SWITCHES WHICH ARE OPERATED BY A PLUNGER.	51093 GEN USE CHEST ASSEMBLY CONSISTS OF A -10455 BREAST PLATE ASSEMBLY, A -51039 MICROPHOVE A LENGTH OF MHOP-5 CORD AND A -49210 PLUG. SAME AS -51093 EXCEPT PLUG IS WIRED DIFFERENTLY.
8/15/44 #H-77745-1 CG:P-64J82 FEB. 45 REV 1:	11/17/44 DEC. 44	1/18/45 Mar. 45
CQA 51079 JP-1a, JP-2a, JP-3a HYDROPHONE UNIT TUBULAR MAGNETOSTRICTION HYDROPHONE TO- ROIDALLY MOUND, ENCASED IN PLASTIC & COVERED WITH SYNTHETIC RUBBER SHEATH, PERMANENT MAGNET TYPE, TRANSDUCER IS 6 374" LONG AND WHOLE UNIT IS 10" LONG WITH DIANETER OF 2 172", HAS LINEAR, 10/3/44 CUDWR TYPE NL-130	RQ-51086 JP-1, JP-2, JP-3 HYDROPHONE ASSEMBLY CONSISTS OF A TYPE -10416 HYDROPHONE BAFFLE, A TYPE -51074 HYDROPHONE AND A TYPE -10417 SOUND ABSORBING COUPLER UMIT.	CM-51094 GEN USE MICROPHODE ASSEMBLY CONSISTS OF A CW-51065 MICROPHONE IN A HAND HOLDER WITH A PUSH TO TALK MICRO SMITCH WORKED BY PRESSURE ON THE UPPER LIP OF THE OPERATOR. HAS 5 FOOT 3 CON- OUCTOR CORD TERMINATED IN AN ARMY TYPE PL-68 PLUG. RED CIRCUIT USED IN ACCORD- 1/20/45
FEB. 45	DEC. 44	MAR. 45
CQA-51079 RISING FREQ. RESPONSE BETWEEN 100 CPS AND 20 KC. DC RES. OF 15 OHMS & INDUC- TANCE OF 3.7 MILLIHENRIES.	GCH - 51087 X-OCP HYDROPHONE ASSEMBLY FREQ. RANGE: 7 TO 70 KC. INCLUDES MAG- NETOSTRICTION TYPE HYDROPHONE WITH 60 FT OF 2 WIRE SHIELDED CABLE AND 75 FT EXTENSION CABLE. OPERATION OF HYDROPHONE IS SATISFACTORY WITH CONTINUOUS POWER INPUT OF 1.0 WATT. 1271,744 DEC. 44	CW-51094 WITH SPECIFICATION RE 8944A. WATERPROOF ASSEMBLY.
CQ4-51080 JP-1a, JP-2a, JP-3a HYDROPHONE ASSEMBLY CONSISTS OF A TYPE -51079 HYDORPHONE UNIT MOUNTED ON A 1/4" STEEL PLATE. DE- SIGNED FOR MOUNTING ON THE HULL OF A SUBMARINE.	CAU- 51088 GENERAL USE TRANSHITTER CARTRIDGE DC RES 35 OHMS $\pm 10\Omega$.	CAEK-51095 NX3r-86315 HYDROPHONE ASSEMBLY FREQ. RANGE: 7 TO 70 KC. MAGNETOSTRICTION TYPE. INCLUDES 30 FT. OF 2 WIRE SHIELDED CABLE. SIMILAR TO -51061 EXCEP HAS NO PROTECTIVE CAGE. SUITABLE FOR MOUNTING IN ANY QC DOME.
10/4/44 DEC. 44	#CRV:K-187891 SUB O, CAU:D-38350-A 1/18/45 4: MAR. 45	3/27/45 B-19 H SHORT APR. 45
51081 GEN. USE RESIFI14 HAND TELEPHONE ASSEMBLY SCHEMATIC C CONSISTS OF ONE NAVY TYPE -51007 HAND- SET, ONE -49118 CORD, AND ONE AN-3106-14S-5P PLUG AND ONE AN-3057-6 CABLE CLAMP.	51089 GENERAL USE MICROPHONE INCLUDES A -51088 TRANSMITTER CARTRIDGE IN A PHENOLIC CASE WITH A NON LOCKING PUSH TO TALK SWITCH.	CAFI- 51096 PR MICROPHONE OUTPUT IMPEDATICE 200-250 OHMS. FREQUENC RESPONSE -1003 @ 400251008 @ 8000CPS MITH O DB REFERENCE @ 1000 CPS. THE RE- SPONSE AT THE SIDES LS DOWN 6 DB FROM THE FRONT RESPONSE !! DOWN 15 DB FROM THE FRONT SIDE RESPONSE !
10/16/44 NAY 45 ASSIGNI		4/3/45 CAFI:558 CKB:41-A00A087 B MAY 45 3. CHANGE A
DATE MOUNTACTHER'S MANNIACTUREES	ASSERTATION CONTROL STAD	DATE MANUFACTURER'S MANUFACTURER'S

FIRST ASSIGNED FOR OR SPECIFICATION MAYY TYPE DESIGNATION FIRST ASSIGNED FOR NAVY PRAWING HAVY TYPE DESIGNATION MAYY TYPE FIRST ASSIGNED FOR OR SPECIFICATION

VOLTAGE SENSITIVITY 74 DB BELOW 1 VOLT PER BAR OPEN CIRCUIT. OR 63.8 DB BELOW 6 MILLIXAITS FOR 10 BAR SIGNAL WHEN LOADED WITH 200-250 DMMS.

CAW- 51103 TON-2 HANDSET PERMANENT HAGNET TYPE RECEIVER AND TRANSMITTER. BOTH 900 OMMS IMPEDANCE AT 1000 CPS. TRANSMITTER GENERATES VOLTAGE OF 0.0055V. AV. (±7.5 db) FROM 1100 TO 2600 CPS. RECEIVER RESPONSE. FROM 300-2600 CPS. IS 32db ABOVE I DYNE/SQ. CM.

5/29/45 22 JUN. 45 ES-76-9462

WITH VARIATION OF 7.5 db FROM AV. VOLUME. HAS PUSH-TO-TALK SWITCH. FOUR CONDUCTOR. INSULATED CORD IS 4'6" LONG.

CAU- 51103

CJS-51097 PR
ANNULAR DRIVE UNIT
PART OF -491030, PERMANENT MAGNET TYPE.
RATED 15 WATTS AVERAGE, 25 WATTS MAXIMUM
HITH HORMAL VOICE OR MUSIC INPUT 16 OHM
VOICE COIL, INTERNAL SCREW TERMINALS.
DUSTPROOF. FUNGUS PROOFED.

5/5/45 CJS:U-201 JUN. 45

CKB:414004095-1

CHANGE B

CTQ- 51098 YR MICROPHONE OUTPUT IMPEDANCE 500 OHMS. OUTPUT LEVEL 65 db BELOW IV/500 OHMS. FREQUENCY RESPONSE 300-5000 CYCLES ±4db.

5/12/45 999 P.C.

COE:82466A

CTQ- 51099 YR MICROPHONE ASSEMBLY
CONSISTS OF A -51098 MICROPHONE MOUNTED ON ASTATIC MODEL G NO B 28171 MICROPHONE

5/12/45 JUN. 45

cw-51100 CM-51100 TOH
TELEPHONE HANDSET
INCLUDES PUSH TO TALK SHITCH, NORMALLY
OPEN, IMPEDANCE OF RECEIVER UNIT 140
OHMS AT 1000 CPS. TRANSHITTER MATCHING
IMPEDANCE 40 OHNS. TRANSHITTER RESISTANCE 24 OHMS. SAME AS -51032 EXCEPT HAS
OWITHGUT CORD OR PLUG
5/18/45 F-3AN-5 COL:977 1800 00
JUN. 45 GSEE ABOYE REV 1

CH- 51100

NO CORD OR PLUC.

CW- 51101 TOH HANDSET MOUNTING
HAS OPST CONTACTS, CLOSED WHEN HANDSET
IS OFF HOOK. SUPPLIED WITHOUT HOUNTING
BRACKET OR DIAL FILLER CAP.

5/18/45 G1 JUN. 45

COL:977 3500 00

REV O

REV 9 7100

STANT SAIKEASS

ASSIGNED ISSUED

DATE

CAU- 51102 TOH TELEPHONE DIAL
II POINT DELAYED IMPULSE. SPST INTER-RUPTER SPRINGS NORMALLY CLOSED. SPOT SHUNT SPRINGS. ADJUSTED TO HAVE SPEED OF NOT LESS THAN 8 IMPULSES PER SECOND NOR MORE THAN 12 IMPULSES PER SECOND. NORMAL OPERATION FROM -20°C TO +60°C.

5/18/45 H-70227 COL:978 1000 00

DATE MANUSATHER'S

MANUFACTURER'S DESIGNATION RESTRICTED

KHAVITSAIKIKKI

DATE

MANUFACTURER'S DESIGNATION

MANNIACTURER

NAVSHIPS 900,109