Class 23—Control Panels and Control Units

CLASS 23 CONTROL PANELS AND CONTROL UNITS

INCLUDES: SWITCHROARDS, PLUGBOARDS,
DISTRIBUTION PANELS, CONTROL
PANELS, CONTROL BOXES, REMOTE
CONTROL UNITS

NOTE: MOTOR CONTROLLERS UNDER CLASS 21 JUNCTION BOXES UNDER CLASS 62.

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그렇다 하는 이렇지 않지 않아왔다. 하는 하는			
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그 그 그리고 있는 생생님 사용했다. 그리		医马克勒氏菌 医氯甲基	
그 하는 사람이 얼마를 하는 바람이 되었다. 이렇게 하다고 있다.			
그 뭐 하는 이 늦었다면서 가는 바쁜 얼마를 다			
그리 아이가 바쁜 왕이다는 그렇게 밤됐다고요			
그는 전쟁이 아무리 늦어? 나를 함께서 하다.			·
그 가게 된 이 말았다. 라이션 경찰 잃어 취실하는 아침			
이 그리 회에 들어야 한다면 가는 사람들은 이 이			
그 그 그는 점점들은 하라면 가고 있었다.			
			• *
등 하는 말로 보면 이 사람들은 생활한 경기가 되었다. 			
이 나이는데, 이 바다 중에 가족하게 그룹 이 나가 들어 있다.			
그 전 그렇게 그렇지 않아 나를 가지고 하는 것 같			
그 원리를 하셨다. 주변 사람들이 살아 없었다.			
이 이번 속사 되었다면 하는 사람들을 살았다. 나			
이 성당 말이 되었지만 그렇게 하지만 있었다.			
이 병사 물리 가졌다면서 요한 그리고 됐는데 하다			
가는 사용하는 것이 되는 것 같아 하는 것이 말라고 말했습니다. 그런 유럽이 하는 것들이 가장 하는 것이 되었습니다. 경험을 하는 것이 되었다면 가장이 되었습니다.			
가는 것도 하는 것이 되었다. 이 경험을 하는데 생활하다. 			
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그리고 그는 경기 기계를 하게 되고 있다고 있다. 이 경기 있다. - 이 경기 기계를 하고 있다. 그 경기 기계를 하는 것이 되었다. 그렇게 되었다. 그 것이 없는 것이 없는 것이 없다. 그렇게 되었다. 그렇게 되었다. 그렇게 되었다. 그렇게 되었다. 그렇게 되었다.			
그, 얼마는 어떻게 살아왔습니다. 얼마에는 이번 없이 하네요.			

MAYY TYPE . FIRST ASSIGNED FOR OR SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION	MANY TYPE FIRST ASSIGNED FOR OR SPECIFICATION
CBA 23000 RU-1 JUNCTION BOX	RW-23006 GL CONTROL PANEL FIELD RHEOSTAT, FIELD SWITCH - CAPACI-	CBY 23012-A RU-2a REMOTE TUNING CONTROL-
	TORS.	RECEIVER. SAME AS 23012 EXCEPT DIAL Calibrated for Frquency.
	이 이 있는 말로 본래를 받았다.	
12/21/31 NOV. 41	4/1/32 HOV, 41	NOV. 41
CBA 23001 RU-1	CG- 23007 TBC	CBY 23013 RU-2
FOR VOLUME CONTROL.	PANEL FOR MOTOR-GENERATOR SWITCHING.	CONTROL BOX-RECEIVER CONSISTS OF "AUTOMATIC-OFF-MANUAL" SWITCH AND VOLUME CONTROL.
12/21/31 NOV. 41	3/17/32 RT-149-A P-7760240 NOV. 41	5/11/32 NOV. 41
CG- 23002 TBC	CN-23008 GM CONTROL BOX	CAY 23014 GK-1 XA-8325 POWER TRANSFER CONTROL
CONTACTOR	CONSISTS OF CONTROL SWITCH, REMOTE READING AMMETER, INDICATOR LAMP FOR POWER SUPPLY AND KEY.	PANEL. (SEE BU. AERO. CONTRACT NOD-129 MITH GOODYEAR ZEPPELIN).
12/29/31 T-7652431 * NOV. 41 DL-7550820-G-3	3/22/32 NOV. 41	6/27/32 NOV. 41
CBM 23003 KD-1 CONTROL CABINET	23009 GENERAL USE RE 23F 191 CONTROL PANEL - PLUG TRANSMITTER CONTROL, USING COMMERCIAL PLUGS AND RECEPTACLES.	23015 GENERAL USE RN 7F 396E PANEL - RECEIVER EXTENSION USES TYPE -49021 JACKS - NUMBER OF JACK
		VARY WITH REQUIREMENTS. (SUPERSEDED BY 23034).
12/31/31 BOV. 41	4/21/32 NOV. 41	7/26/32 NOV. 41
CBM 23004 KE-2 CONTROL CABINET	CBY 23010 GF CONTROL BOX - TRANSMITTER CONSIST OF "MICROPHONE-CW-ICM" SWITCH &	CG-23016 TBA-I SMITCH - TRANSFER
	"TRANSHIT-RECEIVE" SWITCH.	
12/31/31	5/11/32	
NOY. 41	NOV. 41	9/20/32 M-7460898 & HOV. 41 T-7659142-C-1
23005 GENERAL USE RL 23F 255 CONTROL PANEL CONTAINS: TELEGRAPH KEY - 26001. START- STOP SWITCH. INDICATOR LIGHT.	CBY 23011 GF JUNCTION BOX CONSISTS OF AN ASSEMBLY OF RECEPTACLES FOR CONNECTING CABLES, FUSE BLOCK, RELAY, RESISTORS AND A "REC. TRANS. REC.	CBM 23017 KE-3 CONTROL CABINET (NOS-26819).
(3259)	ONLY" SWITCH.	
2/24/32 NOV. 41	5/11/32 NOV. 41	9/27/32 HOV. 41
23005-A GENERAL USE RE 23F 203A REMOTE CONTROL PANEL - 4 WIRE TELEGRAPH, CONTAINS A TYPE -25001B	CBY 23011-A RU-2a JUNCTION BOX	CBM 23018 KE-3 REMOTE CONTROL & KEY PANEL. (NOS-26819).
TELEGRAPH KEY; A SPST START-STOP SWITCH COMBINED WITH AN INDICATOR LIGHT. SUP- PLY VOLTAGE 115 VOLTS AC-DC. FOR 4 WIRE		
TELEGRAPH CONTROL CIRCUITS ONLY. (FOR REPLACEMENT USE 23001-8. 6/1/739 MOV. 41	NOV- 41	9/27/32 NOV. 41
23005-B GENERAL USE RE 23F 203 4 WIRE-TELEGRAPH REMOTE CONTROL PANEL. CONTAINS A TYPE -26012 INSULATED TELEGRAPH KEY, A SPST START-	CBY 23012 RU-2 REMOTE TUNING CONTROL - RECEIVER. CONSISTS OF DIAL AND TUNING CRAMK.	CAY 23019 GK TRANSFER PANEL
TASULATED TELEGRAPH ACT, A STATE START STOP SHITCH, AN INDICATOR LIGHT & A RESISTOR TO PERHIT OPERATION FROM 115 OR 230 VOLT AC, DC SUPPLY. (-23148,		
-23163, -25164). 10/2/40 NOV. 41 ASSIGNED	5/11/32 NOV. 41	10/27/32 WG-13322 NOV, 41
ISSUED .	DATE MANUFACTURES SACURACTURES	

DESIGNATION FIRST ASSIGNED FOR ON SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR ON STECHED STOR	HAVY TYPE FIRST ASSIGNED FOR OR SPECIFICATION
CBY 23020 CF SWITCH PANEL	RN-23028 GENERAL USE RN 23J 136 PANEL - MOTOR - GENERATOR RN 23J 142 CONTROL AND TRANSFER. FOR USE WITH THREE MOTOR-GENERATORS.	CBM 23035 KE-4 CONTROL CABINET GENERAL RADIO RELAYS.
11/7/32	7/27/33	1711734
NOV. 41		NOV. 41
CBY 23021 RU-2 CONTROL CABLE MECHANICAL LINKAGE BETWEEN RECEIVER AND REMOTE CONTROL UNIT (FLEXIBLE CABLE). (RU-5).	RN-23029 GENERAL USE RN 23J 138 PANEL - MOTOR-GENERATOR CONTROL AND TRANSFER. FOR USE WITH TWO MOTOR-GENERATORS.	CBM 23035-A KE-4 CONTROL CABINET SAME AS 23035 EXCEPT CONTAINS STRUTHE DUNN, INC. RELAYS (NOS-39256).
11/7/32 NOV. 41	7/27/33 NOV. 41	9/10/35 NOV. 41
CBY 23022 RU-2 CONTROL UNIT FOR LOCAL CONTROL OF RECEIVER.	RM- 23030 GENERAL USE RN 23F 137 PANEL - MOTOR-GENERATOR & BROADCAST RECEIVER SMITCHING.	CB# 23036 JL-2 CHARGING PANEL
11/7/32 NOV. 41	7/27/33 NOV. 41	1/41/34 NOV, 41
CBY 23023 RU-2 SMITCH PANEL	CN-23031 CM CN-G-115 Extension control box.	23037 GENERAL USE CA32-67-2 BATTERY CHARGING PANEL (PLATE). DISCHARGE: FOUR BATTERIES SERIES. CHARGE: ONE BATTERY.
11/8/32 NOV. 41	9/29/33 NOV. 41	1/16/34 NOV- 41
CHH 23 024 SWITCH CANCELLED USE 24026.	23032 GENERAL USE RN 23F 139 PLUG PANEL TRANSHITTER CONTROL	CAE 23038 QC 55RE21214 HOIST CONTROL TWO-BUTTON
NOV. 41	12/1/33 NOV. 41	2/19/34 NOV. 41
RW-23025 QA. QB. QC RW 79F 137 CONTROL PANEL FOR RW-73005.	23032-A GENERAL USE RN 23F 139G PLUG PANEL SAME AS -23032 EXCEPT USES FIVE CON- DUCTOR PLUGS & RECEPTACLES IN LIEU OF FOUR CONDUCTOR IN ORDER TO GROUND PATCH CORD SHIELD.	CAE 23039 QC 55REZIZ14 TRAINING CONTROL 3-BUTION - MARKED: "FORWARD-FAST- REVERSE".
6/15/35 NOV. 41	4/19/39 NOV. 41	2/19/34 HOV. 41
CHS 23026 GO POWER CONTROL PANEL	23033 CENERAL USE BATTERY CONTROL AND CHARGING PANEL. 4 BATTERIES IN SERIES.	CAE 23039-A QC-1 TRAINING CONTROL 3-BUTTON, MARKED: "RIGHT-FAST-LEFT".
6/17/33 NOV. 41	12/5/33 NOV. 41	11/28/34 NOV. 41
CRY 23027 TAJ-46TBF-1 JUNCTION BOX RECTIFIER TRANSFER	23034 GENERAL USE RN 23F 140 RECEIVER EXTENSION PANEL ALUMINUM CABINET. USES TYPE -49021 JACKS - QUANTITY VARIES WITH REQUIRE- MENTS.	CBM 23040 QC 55RE23F13 REMOTE CONTROL CABINET
	12/15/33 GNED NOY 41 ASSIGNEE	2/19/34 566 NOV. 41
DATE MANUFACTHREE'S MANUFACTHREE'S	DATE MANUFACTURER'S MANUFACTURER'S DRAWING HUMBER	DATE MANUFACTURER'S MANUFACTURER'S

				.5 Control Fanels and Control				3.23-
NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	\bot	MANY TYPE DESIGNATION FIRST ASSIGNED FOR OR SPECIFIC	(High	HAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	OR SPECIFICATION
CAE 23041	QC (55RE21Z1433		07040 # acc acc				
HOIST LINIT		33,422121433		CBY 23049 * SEE BELOW ANTENNA RELAY UNIT.		CBM 23056		
				ARICHMA RECAT ORTI.		CONTROL CA		. F. F. T D. I. O. I. T.
				and parked the first property of the			8M-23056 EXCEPT Ration for Irain	
						SWITCH.		
2/19/34		•		# GF-1, GF-2, GF-3, & GF-4.				
10V. 41				6/14/34 NOV. 41		2/27/35	566F	
						NOV. 41		
AE 23042	QC	55RE21Z1433		00× 230 E0 00 T0 00 T0				
RAIN LIMIT	SWITCH			CBY 23050 RU-3& RU-3A ANTENNA LOOP SWITCH		CRV 2305		
				LOCAL CONTROL.		OPERATOR'	S CONTROL UNIT	•.
						e De la companya		
						Part of the		
/19/34				6/14/34				
OV. 41		•		NOV. 41		8/4/34 NOV. 41		P-708679
AY 23043	TAY-1			CBY 23051 * SEE BELOW		CRV 23058	8 СР	
EMOTE CONTR	OL UNIT ONTROL OF TYPE	CAY-52026		ANTENNA LOOP SWITCH			ONTROL UNIT	
RANSMITTER.				REMOTE CONTROL.	18 18 SERVE			
						ag Pilita		
								5. 1
				# RU-3, RU-3a, RU-4a.				
/12/34				6/14/34		8/4/34		P-708678
07. 41				NOV. 41		NOV. 41		
0.07044	V 5 - 4			•				
B# 23044 Ontrol Pane	KE-4			CBY 23052 RU-32RU-3a		cw-2305	9 схн	
	DICATOR LIGHT,	TWO-BUTTON		ANTENNA LOOP SWITCH REMOTE CONTROL MECHANICAL LINKAGE. DUAL	COLL	CONTROL U	NIT	
OMENTARY CO	NTACT SWITCH.			SET REMOTE CONTROL MECHANICAL LIN				
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				•				
12.4.17.4								
/24/34 OV. 41				6/14/34		12/1/34	144	
				NOV. 41		NOV. 41	and the state of t	
BY 23045	GF-1			-04.07.057			_	
RANSMITTER				CBY 23053 RU-34RU-34 DUAL COIL SET LOCAL	a Perentan	cw- 2306		
				CONTROL.	- 2 St. 1 St.	LIFOI,2 C	ONTROL UNIT	
/14/34				6/14/34		19444		E01
OY. 41				NOV. 41		12/11/34 NOV. 41		ESL-604415
BY 23046	RU-32RU-38			CBY 23054 * SEE BELOW		cw- 2306	1 GP-1	
ECEIVER SHI				DUAL COIL SET REMOTE			S CONTROL UNIT	
				CONTROL.				
						Depth Com		
				# RU-3, RU-3a AND RU-4a.			·	
/14/34				6/14/34		12/11/34		ES0-604414
DY. 41				NOV. 41		NOV. 41		
					er fikult þú	in the second		
BY 23047				CAY 23055 TAJ-5 & TBK		CBM 23062	2 QC-I	
KANSHITTER	CONTROL BOX			JUNCTION BOX			NTROL CABINET	`
								1000
				^				
/14/34 0V • 41				7/2/34 T-760407	2	12/21/34 5	66E	
			~	71 The second of		NOV. 41		
BY 23048	CF - 2			CBM 23056 HA				
BY 23U48 Xtension co				CONTROL CASINET		CAE 2306		
							ON STATION N. FOR USE WITH	4 TYPE 2113
								14.0
41.447.4		*						86V102
				7/7/34 NOV - 41		2/18/35 (U6M:/5/U	001102
/14/34 OV. 41			SIGNED	7/7/34 NOV. 41	ASSIGNED ISSUED	2/18/35 (DEC. 41	16M:/5/U	

DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR ON SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR ON SECTION
CAE 23064 HA PUSH BUTTON STATION THREE BUTTONS; FOR USE WITH 21138.	CW-23072 * SEE BELON MASTER MONITOR UNIT SINGLE CHANNEL.	CAY 23079 TBN-1 POWER TRANSFER UNIT FOR 220 VOLTS. 3-PHASE, 25 CYCLES.
2/18/35 NOV. 41	* TBM-1, TBM-1, 3. 2/26/35 NOY. 41	6/25/35 T-7604555 NOV. 41
CG-23065 TBJ PANEL - SUBSTATION CONTROL	CRV 23073 RAK & RAL CONTROL UNIT. 2 LBS.	23080 QC-1a SWITCH HOIST-LOWER - SOLENOID TYPE - SINGLE.
2/18/35 HL-7350130-G-1 NOV. 41	471/35 NOV. 41	7/12/35 NOY, 41
CG-23066 TAM-1 PANEL - SUBSTATION CONTROL	CMX 23073-A RAK-8, RAL-8 CONTROL UNIT SAME AS BASIC NUMBER EXCEPT FOR USE OF AWS COMPONENTS.	23081 QC-1a SMITCH HOIST-LOWER - SOLENOID TYPE - DOUBLE.
2/18/35 ML-7350130-G-	2 4/2/43 NOV. 43	7/12/35
NOV. 41 CHS 23067 RAC-1&RAH-1 Hixer Unit	CAE 23074 HA & HB 19RE21J1445 LEVER MASTER SHITCH,	NOV. 41 CAE 23082 QC-1a SMITCH
	PROJECTOR TRAINING. TRAIN LEFT - STOP TRAIN RIGHT - DEPRESS, FOR FAST LEFT OR RIGHT, USED WITH CONTROLLERS CAE-21138 AND CAE-21176.	INDICATING LIGHT LIMIT.
2/19/35 NOV. 41	5/23/35 NOV. 41	7/12/35 CH-874381 DEC. 41
CM-23068 TBM-22TBN-2 STATION EXTENSION UNIT	CW-23075 CXL CONTROL UNIT	CRY 23083 TBH CONTROL UNIT
2/26/35 ESXX-606422	6/17/35	9/9/35 KX-281757
NOY. 41	NOV. 41	NOV. 41
CH-23069 TAM-2STBN-2 STATION CONTROL UNIT - TELEPHONE. FOUR-CHANNEL.	CAY 23076 TBM-14TBN-1 REMOTE CONTROL UNIT 60 CYCLES, K-303 RELAY. "STANDBY" CIRCUIT A MAKE CIRCUIT.	CAY 23084 TOK-4 CONTROL UNIT 220 VOLTS - 60 CYCLES. K-309 RELAY; STANDBY CIRCUIT A BREAK CIRCUIT; MAY BE REPLACED BY CAY-23099 OF MODEL TOK-6.
2/26/55 ESXX-606324 NOV. 41	6/25/35 NOV- 41	10/25/35 м-7405916 NOV. 41
CW-23070 * SEE BELOW STATION CONTROL UNIT TELEPHONE. SINGLE CHANNEL.	CAY 23077 TBM-18TBN-1 REMOTE CONTROL UNIT 25 CYCLES. "STANDBY" CIRCUIT IS A MAKE CIRCUIT.	23085 GENERAL USE RN-23F 144 PANEL - BATTERY CHARGING SIX BATTERIES; TWO ON CHARGE - FOUR ON DISCHARGE.
* TBM-1 & TBN-1, 3. 2/26/35 NOV. 41	6/25/35 M-7405372 NOV. 41	2/11/36 NOV. 41
CH-23071 TBM-22T3N-2 MASTER HOWITOR UNIT FOUR-CHANNEL.	CAY 23078 TBN-1 POMER TRANSFER UNIT FOR 220 VOLTS, 3-PHASE, 60 CYCLES.	CVI 23006 MC SOLENOID CONTROLLED VALVE UNIT. HYDRAULIC HOIST-LOWER VALV OPERATED BY GE CO T-2230441, 440 VOLT, PULL-IN TYPE SOLENOID.
2/26/35 ESXX-606544 NOV. 41	6/25/35 T-7604555 ASSIGNED NOV. 41	2/29/36 VICK 16803 AND NOV. 41 RE 16885

DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION	DESIGNATION	FIRST ASSIGNED FOR	OR SPECIFICATION	DE	SIGNATION	FIRST ASSIGNED FOR	ON SPECIFICATION
CBY 23087 RU-4 RECEIVER SWITCH BOX	CAY 23095 CONTROL BO	GP-3 X (OPERATOR)		P	Y 23102 DWER TRAN	SFER PANEL	
3/5/36 NOV. 41	5/14/36 NOV. 41				/16/36 DV. 41		OUTLINE DWG T-7605042
23088 * SEE BELOW RE 23AA 197 PANEL-RECEIVER POWER 198 TRANSFER. TO TRANSFER POWER (FROM OR TO) BATTERY TO (OR FROM) POWER UNIT.	CBY 23096 RECEIVER SI		·		1-23103 PERATORS	GN CONTROL BOX	
* RAK. RAK-1; RAL. RAL-1.				A Carl			
4/16/56 NOV. 41	7/2/36 NOV. 41				10/36 V. 41		ESX-610438
SH-23089 GP-1 SPECIAL MOUNT FOR 12247 RF AMMETER. (SEE 22247).	RECEIVER ST SAME AS TYP STITUTION	PE -23096 EXCE OF A 30,000 OH		P1	1- 23104 LOTS CON		
ESO-609038	TRICALLY &	MECHANICALLY With Type -230	INTERCHANGEABLE				0.071 1.05 0.00
0V. 41	NOV. 41				/10/36)V. 41		OUTLINE DWG. ESX-610439
REMOTE TUNING UNIT RANGE: 200 - 1500 KC WITH 4 POSITION BAND SELECTOR SWITCH.	CBY 23097 TRANSMITTE	GF-3, 4. R CONTROL BOX		G		- MOTOR	SE RN 23F 14
1/24/36							
104. 41	7/2/36 NOV. 41				/10/37 DV. 41		
CM-23091 RAM REMOTE TUNING UNIT RANGE: 1500 - 13,575 WITH 6 POSITION BAND SELECTOR SWITCH.	CBY 23098 EXTENSION	GF-3, GF-4 CONTROL BOX			23106 OWER PANE ADIO ROOM		OW RN 23J 14
1/24/36 10V. 41	7/2/36				AVP-1 TO	9 INC.	
W- 23092 RAM	NOV. 41	†BK-6			0V. 41 23107	CENERAL II	SE RE 23F 20
ONTROL UNIT	REMOTE CON 110 - 220 CIRCUIT IS CAN BE USE		IT. 91 LBS. MENT FOR	, D1	NEL - KE JAL REMOT	Υ.	IMILAR TO2
/24/36 0V- 41	7/16/36 NOV. 41		OUTLINE DWG. 7406215		/10/37 DV. 41		
EVI 23093 HC-2&HC-2& SOLENGID CONTROL VALVE CONTROL UNIT. 220 VOLT AC SINGLE PHASE.			CIRCUIT A	C: 0: 1:	WIRE-TEL ONTROL PA F THE FOL LEGRAPH IDICATOR	EGRAPH REMOTE MEL-DUAL. CO LOWING: TYPE KEY, SPST STA LIGHT & RESIS	NTAINS TWO EA -23012 INSULA RT-STOP SWITC TOR TO PERMIT
7/11/36 B19840	7/16/36 NOV. 41		OUTLINE DWG. 7406215	P1		FROM 115 OR 2 LAR TO -23005	30 V. AC-OC S B EXCEPT FOR
AY 23094 GP-3 ONTROL BOX (PILOT)	CAY 23101 POWER TRAN 220/2/60;		3/25.	c	ONTROL OF	THO TRANSMIT	TERS. 2310
/14/36 IOY. 41	7/16/36 NOV. 41		OUTLINE DWG	ASSIGNED			

MAYY TYPE DESIGNATION FIRST	ASSIGNED FOR OR SPECIFICATION	HAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	DESIG	Y TYPE HATION	FIRST ASSIGNED FOR	OR SPECIFICATION
CRR 23108 CX REMOTE CONTROL FOR TYPE CRR-460	T 55 RECEIVER UNIT.		16 QC-7 ONTROL PANEL TYPE 20058 POLAR	IZING RECTIFIER				CBM- 23118-E
7/10/37 269 NOV- 41		10/14/3 NOV. 41		CBH: SK-3727				
CRR 23109 CX REMOTE CONTROL FOR TYPE CRR-520	T 72 TRANSHITTER UNIT.		17 GQ CONTROL PANEL E CRR-46057 RECEI	VER UNIT.	REF SAT BY	AOTE CON ME AS -2 ADDING	A 5P3 POSITIO	IT IS MODIFIED
7/10/37 272 NOV- 41		10/30/3 NOV. 41			PH GE ±Q 12	ASE +10 Ar Box A	MFD/PHASE CAP ND BY REPLACE	ACITOR, A 1/36 NG DC HAND GEN- 31188 MOD. WAB-18
CRR 23110 CX PILOTS STATION B A PART OF INTERP	ox	CBM 23 REHOTE	118 HD CONTROL UNIT	55RE23J1405A	ER NA		RUE BEARING O	CBM-23118- RO FOR MAINTE- N A ONE SPEED
7/10/37 283		11/19/3	7 757					
NOV. 41		NOV. 41						
CRR 23111 CX PHOTOGRAPHERS ST A PART OF INTERP	ATION BOX	REMOTE SIMILAR GRAVING MECHANI A PART	118-A QCF CONTROL UNIT TO TYPE CBM-231 OF TERMINAL PANI CAL IMPROVEMENTS OF TYPE -78070 I CONTROL UNIT.	EL AND ŞLIGHT ; specifications	RE SA: A: 25 CA: PL	MOTE CON ME AS 23 5P3 POSI WATT TR PACITOR, ACING do	TION SWITCH. RANSFORMER. A A 1/36 GEAR HAND GENERAT	IT IS MODIFIED BY A 115/78 VOLTS, 3PH,-10 MFC/PHASE BOX AND BY RE- OR WITH A 5 DG
7/10/37 284 NOV. 41		6/7/38 NOV. 41		CBM: SK-3781B	1:2	CJ-a.QCK /1/43 T. 44	(-a,QCJ-la,QCK	-1a -13 -15
CRV 23112 UD RECEIVER TRANSFE	the state of the s	REMOTE SIMILAR Graving Sub-ite Specifi	118-B * SEE BEL CONTROL UNIT TO TYPE CBM-231 OF TERMINAL PAN MS AS REQUIRED B CATIONS. A PART OR AMPLIFIER CON	18 EXCEPT EN- EL & CHANGES IN Y THE GOVERNING OF CBM-78070A	SY		OR MAINTENANCE PEED GYRO SUP	CBM-23118-G OF TRUE BEARING PLY.
10/8/37 NOY. 41	HX-241727 REV 2		QCB & QCB-1. 757C	CBM:SK-3781B				
CRY 23113 UD RECEIVER FILTER		REMOTE SIMILAR Except Panel E	118-C QCJ & QCK CONTROL UNIT TO TYPE CBM-231 MINOR CHANGES SU INGRAVING; A PART 1708 INDICATOR AN	188 (USED IN QCB) CH AS TERMINAL OF THE	RE SA BY 78	MOTE COM ME AS -2 ADDING VOLT, 2 MFC/ PH	A 5P 3 POSITI 5 WATT TRANSF IASE CAPACITOR	IT IS MODIFIED ON SWITCH A 115/ ORMER, A 3 PH - , A 1/36 GEAR BOX
10/8/37 NOV. 41	MX-241727 REV 2		3 757A	CBM SKETCH SK3781B ALT O	1 2 A			D GENERATOR WITH TENANCE OF TRUE
CRY 23114 UC REMOTE CONTROL P		TRAINS	118-D * SEE BEL NG CONTROL UNIT S CBM-23118C EXCE			ARING O	N A ONE SPEED	CBM-23118- GYRO SUPPLY.
			, QCB-1 & QCB-2.					
10/8/37 NOV. 41	MX-241725 REV 2		757G	CBM:SK-6974 ALT O				
CRY 23115 UC TRANSMITTER FILT PLUG BOARD.		REMOTE SAME AS BY ADDI	3118-E ASEE BEL CONTROL UNIT: 6 -23118-A EXCEPT NG A 5P3 POSITIO 1, 25 WATT TRANSF	IT IS MODIFIED N SWITCH, A 1157	TR	NITS MA	9 HD CONTROL UNIT RKED TRAINING Y THYRATRON RE	
		10 MFDA BOX ANS #QCF+a	PHASE CAPACITOR, D BY REPLACING DC , -23118-A, MOD.	A 1/36 GEAR	i i s	3 -		
10/8/37 NOV. 41		12/1/43 NOV. 44				/22/37 1 V. 41	758	9.5
DATE MOTSIGN	THREE'S MANNEACTURES	DATE	MANUFACTURER'S DESIGNATION	Manying Tualfie		DATE	MANUFACTURER'S DESIGNATION	STANIFICATION OF THE STANIFICA

DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION	Su	DESIGNATION	FIRST ASSIGNED FOR	OR SPECIFICATION		DESIGNATION	FIRST ASSIGNED FOR	ON SPECIFICATION
CBM 23119-A QCB & QCB-1 55RE23J1	413A							
TRAINING CONTROL UNIT				CBN- 231191		CRM. 231	20-G #SEE BEL	ΛU
CUNITS MARKED TRAINING POWER SUPPLY		FILTER CO	NDENSERS AND R	MOVING GROUNDS	-		TROL UNIT:	.0.
UNIT). SIMILAR TO CBM-23119 EXCEPT ENGRAVING OF TERMINAL PANEL AND NUM			CIRCUIT OF TH	DOUBLE DIODE			23120-C EXCEPT	IT IS MODIFIED
OF CABLE ENTRANCES.	DEN :	TUBE.					ING PLATE AND F	
							10V/580V/5V WIT	
		41.					/5V AND BY REPL	
6/8/38 758D CBM:SK3791	C		A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				ER AND CERTAIN A-1a.QCJ-1a.QCM	
NOV. 41						12/1/45	A 10.400 .a.40	
			e in the second			GCT. 44		
CBN 23119 - B QCF & QCA 55RE23JI	409A							
TRAINING CONTROL UNIT:		CBM 2312	О но	55RE23J1406A		CPV 2712	1 1/0	
(UNITS MARKED TRAINING POWER SUPPLY INIT). SIMILAR TO CBM-23119 EXCEPT			TROL UNIT	1		CRV 2312	1 UC WITCHING UNIT	
CHANGE IN LINE FUSE PANEL USING HIG						ANIERRA S	#IICAING ONII	
VALUE FUSES DUE TO 220 VOLT.3 PHASE				그는 경고 설명				
CYCLE POWER SUPPLY. ENGRAVING OF TE								
HAL PANEL & NUMBER OF CABLE ENTRANC								
6/10/38 758B CBM:SK-379 NOV. 41	1 C					Part of		
		11/24/37				2/8/38		M-418041
		NOV. 41				NOV. 41		GHC-71237
BM 23 119-C QCJ & QCK 55RE23JI	420A							
TRAINING CONTROL UNIT		CBM 2312	O-A * SEE BELO	W 55RE23J1410A		CAD 2712	Э не	E E D E 70 111 414
SIMPLAR TO TYPE CBM-23119 EXCEPT FOR		LOCAL CON	TROL UNIT			CAO 2312 REMOTE TR	2 HE AINING CONTROL	55RE78J1141A SHEET 4
CHANGE IN TERMINAL PANEL ENGRAVING / OTHER MANOR CHANGES.		SIMILAR T	O C3M-23120 EXC	EPT HAND LEVER			75 TO 335 VOLTS	
			D INTERNAL MECH		7			
		KANGEMENT	HAS BEEN IMPRO	7-A	1, 1	Saller Li		* .
*****				Asib.	11.1			
1/1/38 758A CBM SKETCH QV. 41 SK3791C AL1			B, QCB-1, QCF.		2.			
414 41 SESTAL			756B	CBM:SK-3793A			14485-1	
0.07440		NOV. 41				NOV. 41	CBM TYPE 775	
BM-23119-D OCB-a.QCB-12 WAB-IA								
RAINING CONTROL RECTIFIER NIT: SAME AS -23119-A EXCEPT MODI	FIFD		O-B QCJ & QCK	55RE23J1421A		CRR 2312	3 cq	
Y ADDING A THO-STAGE PREAMPLIFIER N		LOCAL CON				CONTROL U		
DOED TERMINAL BY REPLACING TWO LIM				EPT FOR PARTIAL		REMOTE CO	NTROL OF -52080	TRANSMITTER.
ESISTORS IN PLATE CIRCUIT OF DOUBLE				MS ARE DIRECTLY ING RATHER THAN	1300			
TODE TUBE BY DISCONNECTING 2 FILTER				ED TO THE CAST.				
ONDERSORS AND REMOVING GROUNDS FROM 2/1/43	•		THER MINOR CHAN			17 1 4 4 4		
107. 44		11/1/70			Sec. 15.00			
		11/1/38 NOV. 41	756A	CBM SKETCH	3,255.1	4/13/38		F9729
	10 -	150 V S 41		SK-3793A ALT 0		NOV. 41		
свя- 231								
RID CIRCUIT OF THE DOUBLE DIODE TUI	5E.	CBM 2312		55RE23J1430A		CAY 2312	4 GP-4	
		LOCAL CON		T FAR TERMINA	7	CONTROL B	OX (PILOTS)	
		ENGRAVING	0 -231208 EXCER	. FUR TERMINAL		4		
·								
				1,5,44.		11 [4]		
							• 1 11	
		8/8/39	756D	CEM DNG		4/21/38		P-7706516 SU
•		NOV. 41		SK-37938 ALT 0		NOV. 41		
BM 23119 -E #SEE BELOW			1					
RAINING CONTROL RECTIFIER		CBM 2312	0 - D #SEE BELOK	14.	100	CAY 2312	5 GP-4	
NIT: SAME AS 23119-B EXCEPT IS MO		LOCAL CON					OX (OPERATORS)	
TED BY ADDING 2 STAGE PRIAMPLIFIER			23120-C EXCEPT	CASE IS SHEET				
ITH ADDED TERMINALS BY REPLACING 2	LIM-	STEEL INS	TEAD OF ALUMING	M, RIGHT-LEFT				
TING RESISTORS IN PLATE CIRCUIT OF OUBLE DIODE TUBE, BY DISCONNECTING	2			ULATING MATERIA	L .			
QCA-a.QCF-a.QCB-2a.QCB-3a		AND DIFFE	RENT TERMINAL E	RUKAVING.				
2/1/43	•	*NOS-7895	4 LOT 2 7/8					
CT. 44		3/8/45		CBH: 60177		4/21/38	4.0	P-7706517 SU
The second second		NOV. 43		ALT 0		NOV. 41		
CBM-2311	9 - E				176 L.			
ILTER CONDENSERS AND REMOVING GROUN			20 • € + SEE BEL	OW		CRP 2312	6 LP-4	
ROM GRID CIRCUIT OF DOUBLE DIODE TU	BE.	LOCAL CON	TROL UNIT:			VOLTAGE R	EGULATOR	
			23120-A EXCEPT				TO 130 VOLT, 60	
			ING PLATE AND F OV/58OV/5V WITH	ILAMENT TRANS			± 1%, 60 WATTS N 2500 VOLTS TO	
		110V/700V	/SV AND BY REPL	ACING VOLTAGE			WITH NAVY TYPE	
			ND CERTAIN REWI			UNITS".		: 7
· · · · · · · · · · · · · · · · · · ·			8-9'4CR-19'6CB.	31.WA3-1.QCB-28		4/27/		7. 7.
		12/1/43 OCT. 44		QCF-a		4/27/38 NOV 41	YKZ	CRR:A-C55284
07440		70 44				NOV. 41		
BM- 23119-F *SEE BELOW								
RAINING CONTROL RECTIFIER NIT: Same as -23119-C except is N	100-		20 - F QCJ-a			CEA 2312		
FIED BY ADDING A 2 STAGE PREAMPLIFI			TROL UNIT:	IT IS MODIFIED		HYDRAULIC	LOOP ROTATOR	
ITH ADDED TERMINALS BY REPLACING 2				HLAMENT TRANS-				
TING RESISTORS IN PLATE CIRCUIT OF			10V4580V/5V WI					
OUBLE DIODE TUBE BY DISCONNECTING	2	110Y/700V	/SV AND BY RE	PLACING THE VOLT				
QCB-2a, UCB-3a, QCJ-a, QCK-a 2/1/43		AGE DIVID	ER AND CERTAIN	REHIRING CHANGE	S -			
2/1/43 ICT. 44		12/1/43				4/22/39	CRR:L-70419	E = 48440
		OCT. 44		r		4722/58 NOV. 41	UNR.L'/U419	E-48440
	ASSIGNED				ASSIGNED			
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DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR OF SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR ON SPECIFICATION
CEA 23128 DY HYDRAULIC MAKE-UP	CBM 23136 QCH 55RE23J1416A	RA- 23144 XAJ
PUMP. CONTROLS PRESSURE OF HYDRAULIC SYSTEM.	TRANSFER SELECTOR CONTROL UNIT. CHASSIS MAY BE EASILY MITHORAWN FOR SERVICING.	PROJECTOR REMOTE CONTROL UNIT.
1/20/38 CRR:N30151-1 CRR:A-N90151-1 NOV. 41	8/9/38 771 C9M SKETCH NOV. 41 SK-3806A ALT O	5/12/39 NOV. 41
CEA 23129 DV LOOP CONTROL UNIT HYDRAULIC CONTROL.	CDE 23137 CXX CONTROL BOX	CFI 23145 YE
		COMPOLS TRANSMITTER AND AMTENNA DRIVE UNIT.
1/20/38 CRR:N90150:1 CRR:A-N90150-1 NOV. 41	* MASHINGTON INSTITUTE OF TECH. SKETCH. 8/27/38 232 * 849 REV O NOV. 41	6/29/39 B-3018 ALT 2 NOV. 41
CBH 23130 QCE 55RE23J1414A	051-07170 ave	23146 GENERAL USE RE 25F 205
REMOTE CONTROL UNIT COUSISTS OF A CVI-21228 REMOTE TRAINING UNIT AND HOIST-LOWER CONTROL BUTTONS, BEARINC REPEATER AND GYRO COMPASS REPEATER.	CEA 23138 CXS HYDRAULIC LOOP ROTATOR SIMILAR TO -23138 EXCEPT INCLUDES A SMITCHING RELAY.	6 WIRE-TELEGRAPH REMOTE CONTROL PANEL. CONTAINS A NAVY TYPE -25012 INSULATED TELEGRAPH KEY, TWO SINGLE BUTTON MOMENTARY CONTACT SWITCHES, AN INDICATOR LIGHT AND A RESISTOR TO PERMIT OPERATION FROM 115 OR
6/8/38 7570 CSM DNG NOV. 41 SK-3781C	9/1/38 CRR:B13024 NOV. 41	230 VOLT AC - DC SUPPLY. (-23147). 7/31/39 NOV. 41
CBH 23131 QCG 55RE23J1412A	CAY 2 3 13.9 CP-5	23147
TRANSFER SELECTOR CONTROL UNIT. SPECIAL 3 GANG 8 POSITION. SMITCH INCLUDES TWO PILOT LAMPS, PADDING RESISTORS AND SAFETY SMITCH.	PILOTS CONTROL BOX SIMILAR TO -23124 EXCEPT FOR LARGER CONTROL SOCKETS TO PERMIT AN INDICATOR LIGHT ON FRONT PANEL.	REMOTE CONTROL PANEL - 6 WIRE TELEGRAPH. SUPERSEDED BY -23146.
6/13/38 771A CBM SKETCH NOV. 41 3974A	1/11/39 SK-103 NOV. 41	NOY. 41
CG- 23132 * SEE BELOW	가는 경기를 잃었습니다 그는 이 경기를	
CONTROL UNIT	CAY 23140 GP-5 OPERATORS CONTROL BOX SIMILAR TO -23125 EXCEPT FOR LARGER CONTROL SOCKETS TO PERMIT AN INDICATOR LIGHT.	23148 REMOTE CONTROL UNIT - 4 WIRE TELEGRAPH. CANCELLED - USE -230058.
* CG-73000(TBR, 1).		
6/16/38 ML-7660392 T-7660347 NOV. 41 ML-7660387 REV I (PRELIM)	1/11/39 NOV. 41	NOV. 41
CBN 23133 JK-4 & QCH 55RE23JI415A RENOTE TRAINING CONTROL UNIT FOR RENOTE CONTROL OF TRAINING UNIT; INCLUDES A TRAINING MOTOR-GENERATOR ON-OFF SHITCH, A PROJECTOR FACE SHITCH, A BEARING REPEATER SHITCH, OR TRAINING LEVER SHITCH, A TRUE & RELATIVE BEARING	CDV 23141 YA REMOTE CONTROL UNIT	CAM 23149 WAA REMOTE CONTROL UNIT SITILAR TO -23113C EXCEPT FOR ADDITION OF SWITCH AND PILOT FOR REVERSAL OF BEARINGS.
INDICATOR & UP-DRIVEN INDICATOR LIGHTS.		불편하는 역원 홍하는데 다리는데 하나 없
AUG. 44 757ES	3/13/39 DEC. 41	8/8/39 757F SK-3781D ALT 0 NOV. 41
RA- 23134 XAE RA68F202 NO REV TRANSHITTER CONTROL BOX	CC-23142 CXAB REMOTE CONTROL UNIT	CBM- 23149-A ASEE BELOM REMOTE CONTROL UNIT:
	15-3/32" HIGH X 8-3/16" WIDE X 8-5/8" DEEP, FRONT DOOR HINGED AT BOTTOM REQUIRES CLEARANCE OF 12-1/2".	SAME AS -23149 EXCEPT IT IS MODIFIED BY ADDING A 5PS POSITION SWITCH A 115/78 VOLT, 25 MATT TRANSFORMER, A 3PH,-10 MFD PHASE CAPACITOR, A 1/36 GEAR BOX AND BY REPLACING DC HAND GENERATOR WITH A 5DG
7/28/38 NOV. 41	3/23/39 4HC10A1 NOV. 41	BWAA-a -23149, HOD. 12/1/43 NOV. 44
CRY 23135 TBS	RA- 23143 XAJ	CBM- 23149-
REMOTE CONTROL UNIT FOR CONTROLLING. TYPE CRY-52093 TRANSMITTER INCLUDES HANDSET.	CONTROL PANEL CONSISTS OF RA-20082 RECTIFIER POWER UNIT; RA-23144 PROJECTOR REMOTE CONTROL UNIT- RA-43004 UNI-CONTROL UNIT;	SYNCHRO FOR MAINTENANCE OF BEARING ON A SPEED GYRO SUPPLY.
	RA-55037 RANGE INDICATOR & GYRO-COMPASS UNIT; AND OPERATORS DESK AND TRANSMITTER	
7/30/38 MI-8711 PX-272092 NOV- 41 REV 0	KEY UNIT. 5/12/39 NOV. 41 ASSIGNED ISSUED	
DATE MANIFESTERS SAMMINGTHINES	BATE MANUFACTIVISES MANUFACTURES	DATE MANUFACTURER'S MACHICACTURER

NAVY TYPE DESIGNATION FIRST ASSIGNED FOR MAYY DRAWING OR SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR ON SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR ON SYSTEMATION
CBM 23150 WAA TRAINING CONTROL UNIT	23156 GENERAL USE RN 23F 150A MOTOR-GENERATOR CONTROL PAVEL. FOR CONTROLLING TWO MOTOR-GENERATORS WITH 2 QUILETS FOR OUTPUTS FROM	23163 REMOTE CONTROL PANEL - 4 WIRE TELEGRAPM. CANCELLED - USE -230058.
	EITHER GENERATOR.	
8/8/39 758F SK-4204B ALT (0 10/31/39 HOV. 41	NOV. 41
CBM- 23150-A NAA-a TRAINING CONTROL RECTIFIER UNIT: SAME AS -23150 EXCEPT IS MODIFIED BY ADDING A 2 STADE PREAMPLIFIER WITH ADDED TERMINALS BY REPLACING 2 LIMITING RESISTORS IN PLATE-CIRCUIT OF DOUBLE OLODE TUBE BY DISCONNECTING 2 FILTER CONDENSORS AND REMOVING GROUNDS 1271/43	ERATORS. HAS 2 QUILETS FOR QUIPPUTS FROM EITHER GENERATOR. SAME AS 23156 EXCEPT (1) PLUG AND RECEPTACLES CHANGED (2) 2 PILOT LIGHTS ADDED (3) SWITCHES CHANG	CANCELLED - USE -230058.
NOV. 44	SEPT. 44	NOV. 41
CBM- 23150 FROM THE SRID CIRCUIT OF THE DOUBLE DIODE TUBE.	-A RW- 23157 DT & DT-1 SWITCH PANEL FOR SWITCHING FROM ONE SPEAKER TO THE OTHER.	23165 REMOTE TELEPHONE & TELEGRAPH UNITS. CANCELLED - USE -23170.
		싫어된 그리는 그런 그리고 있다.
	11/24/39 NOV. 41	
CRE 23151 GR REMOTE CONTROL UNIT FOR TYPE -52122 TRANSMITTER.	CG-23158 TCD TELEGRAPH & TELEPHONE REMOTE CONTROL UNIT.	23166 REMOTE TELEPHONE & TELEGRAPH UNIT. CANCELLED - USE 23170.
		회사 내용 사람들은 그는 그들이 없었다.
8/12/39 L-70988 ALT 0 NOV. 41	11/28/39 4MC11A1 T-7661010 MOY. 41 REV 0	NOV. 41
CBH 23152 QCH-1 55RE 23J 14 TRANSFER SELECTOR CONTROL UNIT; SIMILAR TO -23136 EXCEPT IMPROVEMENTS IN DESIGN AND ARRANGEMENT OF PARTS.	RECEIVER CONTROL BOX	23167 REMOTE TELEPHONE & TELEGRAPH UNIT. CANCELLED USE -23172.
8/26/39 771B CBH:771 B	12/6/39 C-55835B REV 2 NOV. 41	NOV. 41
CC-23153 * SEE BELOW CONTROL UNIT CONTAINS - FUSES, FILTERS, YOLTAGE REGULATORS, REVERSE CURRENT RELAY AND	CRR 231-60 RAP. RECEIVER REMOTE TUNER	23168 REMOTE TELEPHONE & TELEGRAPH UNIT. CANCELLED - USE 23172.
OUTPUT RECEPTACLES. WEIGHT 18 LGS.		주는데 그는 그가 그는 그가 있다.
* -21394 & -73001 (TBW). 9/12/39 C-26611 C-26611 REV O NOV. 41	12/6/39 E 135048 REV 2 NOV. 41	NOV. 41
CBY 23154 RAT SWITCH PANEL INCLUDES MCW - OFF - CW SWITCH AND GAI CONTROL.	CBM 23161 QCH-2 TRA'SFER SELECTOR CONTROL N UNIT. INCLUDES SPECIAL 3 GANG 8 POSITION SWITCH, SAFETY SWITCH 2 PILOT LIGHTS AND SPECIAL CAPACITORS, RESISTOR 4 REACTORS.	23169 REMOTE TELEPHONE & TELECRAPH UNIT - MATER TIGHT. CANCELLED - USE 23170.
10/25/39 NOV. 41	1/2/40 771C 6929 ALT 0 NOV. 41	NOV. 41
CBY 23155 RAT RECEIVER CONTROL BOX SAME ELEMENTS AS -23154 PLUS TUNING CONTROL.	CBM 23162 QCH-3 TRANSFER SELECTOR CONTROL UNIT. INCLUDES SPECIAL 3 GANG 8 POSITION SWITCH.SAFETY SWITCH, 2 PILOT LIGHTS, FILTER AND SPECIAL CAPACITORS, RESISTORS & REACTORS.	23170 GENERAL USE RADIO-PHONE UNIT: WATER TIGHT, TELEPHONE: 10 WIRE CIRCUITS FOR TELEPHONE COMMUNICATION, SUPPLY VOLTAC 230 V AC-DC. TELEGRAPH; 6 WIRE CIRCUIT
10/25/39 6546-4-8 MAR. 42 7978-3-8	1/2/40 7710 . 6930 ALT 0	FOR START-STOP OF TRANSMITTING EQUIP- MENTS, AND TERMINALS FOR USE WITH EXT! NAL KEY, FOR HGS HY PODITOTED LOCATION 1/16/40 CANCELLED USE - 23211 ASSIGNAD AUG. 42
	ISSUED DATE "ANY SOLVENIES" MANUAGE TURISE	ISSUED DATE MANUSCRIPTION MANUSCRIPTION

DESIGNATION FIRST ASSIGNED FOR ONATH OFFICE TON FIRST ASSIGNED FOR OR SPECIFICATION DESIGNATION FIRST ASSIGNED FOR HAVY DRAWING DESIGNATION LOYEL TYPE REMOTE CONTROL UNIT INCLUDES A TRAINING HAND GENERATOR, A CBH - 23174 - A #SEE BELOW 23171 INCLUDES A IRAINING HARD GENERATOR, A
HOIST-LOWER SMITCH AND ILLUMINATED CYROREPEATER DIALS, WIRING OF HOIST-LOWER
SWITCHES TO CUT OFF ECHO-RANGING POWER
WHEN HOISTING OR LOWERING. SAME AS TYPE
-25173 EXCEPT FOR AN ADDED LUBGER LINE LOCAL CONTROL UNIT: SAME AS 23174 EXCEPT IT IS MODIFIED BY REMOTE TELEPHONE &
TELEGRAPH UNIT - WATER TIGHT. REPLACING PLATE AND FILAMENT TRANSFORMER CANCELLED - USE 23172. 110V/580V/5V WITH ONE RATED 110V/700V/ 5V AND BY REPLACING VOLTAGE DIVIDER AND #UCJ-39.0CL-18.0CL-28.QCJ-48.UCL-38. CBM:6983 ALT O 11/20/40 757N QCN-Ia.QCO-a.WA3-a.WAC-a. 12/1/45 HOV. 44 NOV. 41 FOR LISTENING ON ROCHELLE 23173-A SALT SIDE OF PROJECTOR. CBM-23174-A GENERAL USE RE 13A 612 23172 23172 GENERAL USE RE 13A 612
RADIO PHONE UNIT:
TELEPHONE: 10 WIRE CIRCUITS FOR TELEPHONE COMMUNICATION, SUPPLY 115 OR 230
VOLTS AC/OC. TELEGRAPH: 4 WIRE CIRCUITS
FOR START STOP OF TRANSMITTING EQUIPMENTS, AND TERMINALS FOR EXTERNAL KEY.
WATER-TIGHT. CERTAIN REWIRING CHANGES. 1/16/40 CRY: CTO: AUG. 42 CBM 23173 - B SEE BELOW REMOTE CONTROL UNIT CMT 23175 QCJ-2 & QCL 58RE23J1417A 23172-A *GEN USE INCLUDES A TRAINING HAND GENERATOR, A HOIST-LOWER SWITCH AND ILLUMINATED GYRO-REPEATER DIALS. SAME AS TYPE -23173 EXCEPT FOR TERMINAL PANEL ENGRAVING. CMT Z 177 NO C 4 GC PREMOTE CONTROL UNIT INCLUDES A TRAINING CONTROL HAND GENERATOR, A HOIST-LOWER SWITCH, AN IL-LUMINATED BEARING REPEATER & A GYRO RADIOPHONE UNIT:
TELEPHONE: 10 WIRE CIRCUITS FOR TELEPHONE COMMUNICATION; SUPPLY 115 OR 230
V AC OR DC. TELEGRAPH 4 WIRE CIRCUITS
FOR START-STOP OF TRANSMITTING EQUIPMENTS, AND TERMINALS FOR EXTERNAL KEY. REPEATER. *NOS-78964 LOT 2 7/8 3/d/45 75/H NOV. 43 CMB: 60249, *FIRST PURCHASE: NXS -11239. CMT': A - 1'097 2/1/40 1/20/43 COT: AUG. 43 CBM- 23173-C &SEE BELOW CBN-2317)-C WSEE SELOW
REMOTE CONTROL UNIT:
SAME AS -23175 EXCEPT IT IS MODIFIED BY
ADDING A 5P 3 POSITION SWITCH. A 115/78
VOLT, 25 WAIT TRANSFORMER A 3 PHASE-10
MFD/PHASE CAPACITOR, A 1/35 GEAR 80X
AND 8Y REPLACING DC HAND GENERATOR WITH
AQCJ-3a, QCL-1a, QCL-2a, QCL-3a, WAB-a, WAC-a CMT 23176 OCJ-2 & QCL 58RE23J1418A 23172 - A LOCAL CONTROL UNIT CONSISTS OF A SWITCH AND BIAS RECTIFIER WATER-TIGHT. SAME AS -23172 EXCEPT USES CAU TYPE 2-032138 LEVER SWITCH INSTEAD FOR TRAINING CONTROL, AND A SWITCH AND INDICATING LIGHTS FOR HOIST-LOWER OF NAVY TYPE -24100. CONTROL. 8 CRY SKETCH A-1055-C. DATED 9/28/39. 2/1/40 JUNE 42 SEE ABOVE CBM- 23173 - C A 5 DG SYNCHRO FOR MAINTENANCE OF TRUE BEARING ON A ONE SPEED GYRO SUPPLY. CHT 23176 - A SEE BELOW 23172 - B GEN RADIO USE RE 13A612C LOCAL CONTROL UNIT:
CONSISTS OF A SWITCH8CARD BIAS RECTIFIER
FOR TRAINING CONTROL, A SWITCH, AND INDICATING LIGHTS FOR HOIST-LOWER CONTROL,
SAME AS -23176 EXCEPT FOR GRONZE INSTEAD
OF ALUMINUM CONSTRUCTION. RADIOPHONE UNIT RADIOPHONE UNIT TELEPHONE: 10 WHRE CIRCUITS FOR TELE-PHONE COMMUNICATION: SUPPLY 115 OR 230V AC OR OC. TELEGRAPH: 4 WIRE CIRCUITS FOR START STOP TRANSMITTING EQUIPMENTS. HAS TERMINALS FOR EXTERNAL KEY. SAME AS -23172 EXCEPT EXTRA HANDSET JACK SUB-*NOS-69556 LOT 1 1/16 11/14/42 MAR. 44 свя 23177 QCE-3 23172 - B REMOTE CONTROL UNIT SIMILAR TO COM-23130 EXCEPT FOR IM-PROVEMENTS IN BEARING, REPEATER ASSEMBLY AND CHANGE IN TERMINAL ENGRAVING. STITUTED FOR MICROPHONE & HEAPPHONE JACK.
MATERPROOF WITH DOOR OPEN, ADOED TERMINAL
BOARD FOR EXTRA HANDSET, REMOVED RESISTOR
FROM HANOSET CIRCUIT, HANDSET IN ACCORDANCE WITH RE 9357A, HAS DIFFERENT BUT
INTERCHANGEAGLE START STOP SWITCH, CAN
BE USED TO REPLACE -23172. 12/1/43 2/20/40 757J 6975 ALT 0 CBM-23173-D A 505 SYNCHRO FOR MAINTENANCE OF TRUE CBM 23178 QCE-2 REMOTE CONTROL UNIT 55RE23J1431A CBM 23173 * SEE BELOW 55RE23JI42
REMOTE CONTROL UNIT
INCLUDES A TRAINING HAND GENERATOR, A * SEE BELOW 55RE23J1422A BEARING ON A ONE SPEED GYRO SUPPLY. IDENTICAL TO NAVY TYPE CBM-23177 EXCEPT INCLUDES A NAVY TYPE CVI-21180 HYDRAULIC TRAIN CONTROL UNIT. INCLUDES A TRAINING HAND GENERATOR, A
HOIST-LOWER SWITCH AND ILLUMINATED GYROREPEATER DIALS. SAME AS NAVY TYPE
C8M-23118C EXCEPT WIRING OF HOIST-LOWER
SWITCHES TO CUT OFF ECHO RANGING POWER
0CJ-3, OCL-1 & QCL-2.
1/19/40 757K 6913 ALT 0 2/20/40 757H NOV. 41 6975 ALT 0 CBN 23174 QCJ-3,QCL-1,2 55RE23J1423A LOCAL CONTROL UNIT:
INCLUDES A SWITCH & BIAS RECTIFIER FOR
TRAINING CONTROL & A SWITCH & INDICATING
LIGHT FOR HOIST-LOWER CONTROL. SAME AS RA - 23179 * SEE BELOW WHEN HOISTING OR LOWERING. 23173 ANTENNA CONTROL UNIT
USED IN CONNECTION WITH TYPE RA-66031 NAVY TYPE CB*-2312OC EXCEPT WIRING OF HOIST-LOWER SWITCH TO CUT OFF ECHO RANG-INC POWER WHEN HOISTING OR LOWERING. ANTENNA & ANTENNA ORIVE UNIT.

1/19/40 756E NOV. 41 6917 ALT 1

* FOR USE WITH XAP.

4/18/41 NOV. 41

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## ## ## ## ## ## ## ## ## ## ## ## ##	DESIGNATION FIRST ASSIGNED FOR ON SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR ON THE OFFICE THOM	HAVY TYPE DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION
### ADJUSTING SCREEK. 23180 ### ADJUSTING SC	PILOTS CONTROL BOX INCLUDES RANGE INDICATOR LIGHTS, RANGE SELECTOR SWITCHES, VOICE-CODE SWITCH & INDICATOR LIGHTS, RADIO-ICS-OFF SWITCH, TRANSMITTER CONTROL SWITCH, ICS CONTROL SWITCH AND INDICATOR LIGHT. ALSO MICRO- PHONE AND THROTTLE SWITCH JACKS, AND KEY	RECEIVER TRANSFER PANEL. CONTAINS A TOTAL OF 30 JACKS IN 5 SECTIONS AS FOLLOWS: REMOTE STATIONS - 5: PARALLELING JACKS - 5: TRUNK LINES - 5: LOCAL TRANSHITTERS - 5: LOCAL OPER. POS 10.	TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 45 RECEPTACLES IN 5 SECTIONS AS FOLLOHS: REMOTE RADIOPHONE STATIONS - 5: REMOTE TELEGRAPH STATIONS - 5: PARALLELING RECEPTACLES - 10: TRUN
RECEIVER TRANSFER PARKE. CONTAINE TO TOTAL CONTROL OF THE ACCENT TO THE ACCENT THE TRANSFER PARKE. CONTROL OF THE ACCENT THE TRANSFER PARKE. CONTROL OF THE ACCENT THE ACCENT THE ACCENT THE TRANSFER PARKE. CONTROL OF THE ACCENT THE ACCENT THE ACCENT THE ACCENT THE TRANSFER PARKE. CONTROL OF THE ACCENT THE ACCENT THE ACCENT THE ACCENT THE TRANSFER PARKE. CONTROL OF THE ACCENT TH			
COR 23191 CON SARETJISTER MOV. 41 NOV.	WITH ADJUSTING SCREW. 23180	RECEIVER TRANSFER PANEL. CONTAINS A TOTAL OF 25 JACKS IN 3 SECTIONS AS FOLLOWS: TRUNK LINES - 10: LOCAL TRANSMITTERS - 5: LOCAL OPER. POS.	TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 35 RECEPTACLES IN 3 SECTIONS AS FOLLOWS: TRUNK LINES - 15: LOCAL TRANSMITTERS - 15: LOCAL OPER.
RN- 23181 OCN STRETSJIATER RN- 23189 OTHERAL USE RN 231 170C RN- 23187 OTHERAL USE RN 231 170C RN- 23187 OTHERAL USE RN 231 170C RECEIVES TRANSFER PANEL. CONTAINS A TOTAL OF 20 JACES II 3 CONTAINS A TOTAL OF 20			
TRAINING CONTROL UNIT FOR REPORT CONTROL OF TRAINING UNIT, FOR REPOR			
## 23182 CENERAL USE RM 233 1690 RECEIVER TRANSFER PAREL RN- 23182 CENERAL USE RM 233 1690 RECEIVER TRANSFER PAREL 1008 AS FOLLOWS; REPORT EXALORS IN \$ SEC- 11008 AS FOLLOWS; REPORT EXALORS IN \$ SEC- 11008 AS FOLLOWS; REPORT EXALORS IN \$ SEC- 11008 AS FOLLOWS; REPORT RADIOPHONE STATIONS 4- 10: LOCAL OPERATING POS. * 35. ### 23183 GENERAL USE RM 233 1708 RN- 23184 GENERAL USE RM 233 1708 RN- 23185 GENERAL USE RM 233 1708 RN- 23186 CENTRAL USE RM 233 1708 RN- 23187 GENERAL USE RM 233 1708 RN- 23186 GENERAL USE RM 233 1708 RN- 23186 GENERAL USE RM 233 1710 RR- 23187 GENERAL USE RM 233 1710 RR- 23188 GENERAL USE RM 233 1710 RR- 23189 GENERAL USE RM 233 1710 RR- 23180 GENERAL USE RM 233 1710 RR- 23180 GENERAL USE RM 233 1710 RR- 23184 GENERAL USE RM 233 1710 RR- 23185 GENERAL USE RM 233 1710 RR- 23186 GENERAL USE RM 233 1710 RR- 23186 GENERAL USE RM 233 1710 RR- 23187 GENERAL USE RM 233 1728 RR- 23187 GENERAL USE RM 233 1738 RR- 23193 GENERAL USE	TRAINING CONTROL UNIT FOR REMOTE CONTROL OF TRAINING UNIT; INCLUDES A TRAINING MG ON-OFF SWITCH, A PROJECTOR FACE SWITCH, A BEARING RE- PEATER SWITCH, A TRAINING LEVER SWITCH, A TRUE & RELATIVE BEARING INDICATOR AND	RECEIVER TRANSFER PANEL. CONTAINS A TOTAL OF 20 JACKS IN 3 SECTIONS AS FOLLOWS: REMOTE STATIONS - 5: LOCAL TRANSMITTERS - 5: LOCAL OPER.	TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 30 RECEPTACLES IN 3 SECTIONS AS FOLLOWS: TRUNK LINES - 10: LOCAL TRANSMITTERS - 15: LOCAL OPER.
RN-23192 GENERAL USE RN 23J 163C RCCLIVER TRANSFER PANEL RCCLIVER TRANSFER PANEL RCCLIVER TRANSFER PANEL RCCLIVER TRANSFER PANEL CONTAINS A FOLLOWS: REMOTE RELIGRAPH STATIONS TATIONS A FOLLOWS: REMOTE RELIGRAPH STATIONS TATIONS - 10: REMOTE TELEGRAPH STATIONS THINKS - 10: LOCAL OPERATING POS 35. RR-23193 GENERAL USE RN 23J 170B RCCLIVER TRANSFER PANEL RR-23183 GENERAL USE RN 23J 170B RCCLIVER TRANSFER PANEL RR-23183 GENERAL USE RN 23J 170B RCCLIVER TRANSFER PANEL RR-23184 GENERAL USE RN 23J 170B RCCLIVER TRANSFER PANEL CONTAINS - 10: LOCAL OPERATING POS 35. RR-23195 GENERAL USE RN 23J 171C RR-23184 GENERAL USE RN 23J 171C RR-23184 GENERAL USE RN 23J 171C RR-23185 GENERAL USE RN 23J 171C RR-23186 GENERAL USE RN 23J 171C RR-23187 GENERAL USE RN 23J 171C RR-23187 GENERAL USE RN 23J 171C RR-23188 GENERAL USE RN 23J 171C RR-23199 GENERAL USE RN 23J 171C RR-23190 GENERAL USE RN 23J 171C RR-23190 GENERAL USE RN 23J 171C RR-23191 GENERAL USE RN 23J 171C RR-23192 GENERAL USE RN 23J 171C RR-23193 GENERAL USE RN 23J 171C RR-23194 GENERAL USE RN 23J 171C RR-23195 GENERAL USE RN 23J 171C RR-23196 GENERAL USE RN 23J 171C RR-23197 GENERAL USE RN 23J 171C RR-23198 GENERAL USE RN 23J 172C RR-23199 GENERAL USE RN 23J 172C RR-23199 GENERAL USE RN 23J 172C RR-23190 GENERAL USE RN 23J 172C RR-23191 GENERAL USE RN 23J 172C RR-23192 GENERAL USE RN 23J 172C RR-23193 GENERAL USE RN 23J 172C RR-23194 GENERAL USE RN 23J 172C RR-23195 GENERAL USE RN 23J 172C RR-23196 GENERAL USE RN 23J 172C RR-23196 GENERAL USE RN 23J 172C RR-23197 GENERAL USE RN 23J 172C RR-23198 GENERAL USE R	6/28/40 757L 6905 ALT 0		
RN-23183 GENERAL USE RN 23J 1708 RCCEIVER TRANSFER PANEL CONTAINS A TOTAL OF 50 JACKS IN 5 SEC- TOMAINS A TOTAL OF 50 JACKS IN 5 SEC- TOMAINS A TOTAL OF 50 JACKS IN 5 SEC- TOMAINS A TOTAL OF 50 JACKS IN 5 SEC- TOMAINS A TOTAL OF 50 JACKS IN 5 SEC- TOMAINS A TOTAL OF 50 JACKS IN 5 SEC- TOMAINS A TOTAL OF 50 JACKS IN 5 SEC- TOMAINS A TOTAL OF 50 JACKS IN 5 SEC- TOMAINS A TOTAL OF 50 JACKS IN 5 SEC- TOMAINS A TOTAL OF 50 JACKS IN 5 SEC- TOMAINS A TOTAL OF 50 SECEPTACLES IN 5 SECTIONS AS FOLLOWS: REPOTE STATIONS - 5: RAFAGO NOV. 41 RN-23184 GENERAL USE RN 23J 171C RCCEIVER TRANSFER PANEL CONTAINS A TOTAL OF 50 JACKS IN 5 SECTIONS AS FOLLOWS: REPOTE RADIOPHONE STATIONS 5, REPOTE TELEGRAPH STATIONS STATIONS 5, R	RECEIVER TRANSFER PAMEL CONTAINS A TOTAL OF 90 JACKS IN 5 SEC- TIONS AS FOLLOWS: REMOTE RADIOPHONE STATIONS - 10: REMOTE TELEGRAPH STATIONS - 25: PARALLELING JACKS - 10: TRUNK	RECEIVER TRANSFER PANEL CONTAINS A TOTAL OF 20 JACKS IN 3 SEC- TIONS AS FOLLOWS: TRUNK LINES - 5: LOCAL	RN-2319B GENERAL USE RN 23J 162A TRANSHITTER TRANSFER PANEL CONTAINS A TOTAL OF 25 RECEPTACLES IN S
RECEIVER TRANSFER PANEL CONTAINS A TOTAL OF 90 JACKS IN 5 SEC- TIONS AS FOLLOWS: REMOTE RADIOPHONE STATIONS - 15: REMOTE TELEGRAPH STATIONS - 20: PARALLELING JACKS - 10: TRUNK - 10: LINES - 10: LOCAL OPERATING POS 35. #/8/40 MOV. 41 RN-23184 CENERAL USE RN 23J 171C RRECEIVER TRANSFER PANEL CONTAINS A TOTAL OF 70 JACKS IN 5 SECTIONS AS FOLLOWS: REMOTE RADIOPHONE STATIONS - 10: LOCAL OPERATING POS 35. #/8/40 MOV. 41 RN-23185 CENERAL USE RN 23J 171C RRECEIVER TRANSFER PANEL CONTAINS A TOTAL OF 70 JACKS IN 5 SECTIONS AS FOLLOWS: REMOTE RADIOPHONE STATIONS - 5: PARALLELING JACKS IN 5 SECTIONS AS FOLLOWS: REMOTE RADIOPHONE STATIONS - 5: LOCAL OPERATING POS 20. #/8/40 MOV. 41 RN-23185 CENERAL USE RN 23J 1728 RECEIVER TRANSFER PANEL CONTAINS A TOTAL OF 50 JACKS IN 5 SECTIONS AS FOLLOWS: REMOTE RADIOPHONE STATIONS - 10: REMOTE RADIOPHONE STATIONS - 5: PARALLELING JACKS - 10: TRUNK LINES - 5: LOCAL OPER. POS 20. #/8/40 MOV. 41 RN-23186 CENERAL USE RN 23J 1738 RECEIVER TRANSFER PANEL CONTAINS A TOTAL OF 50 JACKS IN 5 SECTIONS AS FOLLOWS: REMOTE RADIOPHONE STATIONS - 5: REMOTE TELEGRAPH STATIONS - 5: PARALLELING JACKS - 10: TRUNK LINES - 5: LOCAL OPER. POS 20. #/8/40 MOV. 41 RN-23186 CENERAL USE RN 23J 1738 RECEIVER TRANSFER PANEL CONTAINS A TOTAL OF 50 JACKS IN 5 SECTIONS AS FOLLOWS: TRANSFER PANEL CONTAINS A TOTAL OF 50 JACKS IN 5 SECTIONS AS FOLLOWS: REMOTE RADIOPHONE STATIONS - 5: REMOTE TELEGRAPH STATIONS - 5: PARALLELING JACKS - 10: TRUNK LINES - 10: LOCAL OPER. POS 20. #/8/40 MOV. 41 RN-23186 CENERAL USE RN 23J 1738 RECEIVER TRANSFER PANEL CONTAINS A TOTAL OF 50 JACKS IN 5 SECTIONS AS FOLLOWS: REMOTE RADIOPHONE STATIONS - 15: REMOTE TELEGRAPH STATIONS - 5: PARALLELING JACKS - 10: TRUNK LINES - 10: LOCAL OPER. POS 20. #/8/40 MOV. 41 RN-23186 CENERAL USE RN 23J 1738 RECEIVER TRANSFER PANEL			
8/8/40 MOV. 41 RN-23184 GENERAL USE RN 23J 171C RECEIVER TRANSFER PAMEL CONTAINS A TOTAL OF 70 JACKS IN 5 SECTIONS AS FOLLOUS; REMOTE RADIOPHONE STATIONS S, REMOTE TELEGRAPH STATIONS 15, PARALLELING JACKS 10, TRUNK LINES 10, LOCAL OPERATING POSITIONS 30. 8/8/40 MOV. 41 RN-23185 GENERAL USE RN 23J 1728 RECEIVER TRANSFER PAMEL CONTAINS A TOTAL OF 70 JACKS IN 5 CONTAINS A TOTAL OF 75 RECEPTACLES IN 5 SECTIONS AS FOLLOWS; REMOTE RADIOPHONE STATIONS - 10; TRUNK LINES 10, LOCAL OPERATING POSITIONS 30. 8/8/40 MOV. 41 RN-23185 GENERAL USE RN 23J 1728 RECEIVER TRANSFER PAMEL CONTAINS A TOTAL OF 50 JACKS IN 5 SEC- TIONS AS FOLLOWS; REMOTE RADIOPHONE STATIONS - 5; REMOTE TELEGRAPH STATIONS - 5; PARALLELING JACKS - 10; TRUNK LINES - 5; PARALLELING JACKS - 10; TRUNK LINES - 5; PARALLELING JACKS - 10; TRUNK LINES - 15; PARALLELING TRUNK LINES - 15; PARALLELING TRUNK LINES - 5; PARALLELING JACKS - 10; TRUNK LINES - 15; PARALLELING TRUNK LINES - 5; PARALLELING JACKS - 10; TRUNK LINES - 15; PARALLELING TRUNK LINES - 16; PARALLELING TRUNK LINES - 17; PARALLELING TRUNK LINES - 18; PARALLELING TRUNK LINES - 18; LOCAL OPER, POS 20. 8/8/40 MOV. 41 RN-23186 GENERAL USE RN 23J 173B RR-23194 GENERAL USE RN 23J 158B TRANSHITTER TRANSFER PAMEL CONTAINS A TOTAL OF 50 JACKS IN 68/8/40 MOV. 41 RN-23186 CENERAL USE RN 23J 173B RR-23194 GENERAL USE RN 23J 158B TRANSHITTER TRANSFER PAMEL CONTAINS A TOTAL OF 50 JACKS IN 68/8/40 MOV. 41 RN-23186 CENERAL USE RN 23J 173B RR-23196 GENERAL USE RN 23J 173B RR-23197 GENERAL USE RN 23J 173B RR-23186 CENERAL USE RN	RECEIVER TRANSFER PANEL CONTAINS A TOTAL OF 90 JACKS IN 5 SEC- TIONS AS FOLLOWS: REMOTE RADIOPHONE. STATIONS - 15: REMOTE TELEGRAPH STATIOMS - 20: PARALLELING JACKS - 10: TRWNK	RECEIVER TRANSFER PANEL CONTAINS A TOTAL OF 30 JACKS IN 3 SEC- TIONS AS FOLLOWS: REMOTE STATIONS - 5:	TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 25 RECEPTACLES IN 9 SECTIONS AS FOLLOWS: REMOTE STATIONS - 5: PARALLELING RECEPTACLES - 5: TRUNK LINES - 5: LOCAL TRANSMITTERS - 5: LOCAL
RECEIVER TRANSFER PANEL CONTAINS A TOTAL OF 70 JACKS IN 5 SECTIONS AS FOLLOWS: REMOTE RADIOPHONE STATIONS 5, READITE TELEGRAPH STATIONS 15, PARALLELING JACKS 10, TRUNK LINES 10, LOCAL OPERATING POSITIONS 30. 8/8/40 BEC, 41 RN-23185 CENERAL USE RN 23J 1728 RRCEIVER TRANSFER PANEL CONTAINS A TOTAL OF 50 JACKS IN 5 SECTIONS AS FOLLOWS: REMOTE RADIOPHONE STATIONS - 10; REMOTE TELEGRAPH STATIONS 10 TRUNK LINES - 15; LOCAL OPER, POS 20. 8/8/40 BEC, 41 RN-23185 CENERAL USE RN 23J 1728 RR-23186 CENERAL USE RN 23J 1728 RR-23186 CENERAL USE RN 23J 1738 RR-23186 CONTAINS A TOTAL OF 20 RECEPTACLES IN 3 SECTIONS AS FOLLOWS: TRUNK LINES - 10; TRUNK LINES - 15; LOCAL OPER, POS 20. 8/8/40 MOY. 41 RN-23187 RN-23197 CENERAL USE RN 23J 165A TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 20 RECEPTACLES IN 3 SECTIONS AS FOLLOWS: TRUNK LINES - 10; TRUNK LINES - 15; LOCAL OPER, POS 20. 8/8/40 MOY. 41 RN-23186 CENERAL USE RN 23J 165A TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 20 RECEPTACLES IN 3 SECTIONS AS FOLLOWS: TRUNK LINES - 10; TRUNK LINES - 15; LOCAL OPER, POS 5. 8/8/40 MOY. 41 RN-23186 CONTAINS A TOTAL OF 20 RECEPTACLES IN 3 SECTIONS AS FOLLOWS: TRUNK LINES - 10; TRUN			
RN-23185 GENERAL USE RN 23J 1728 RR-23185 GENERAL USE RN 23J 1728 RRCCIVER TRANSFER PANEL CONTAINS A TOTAL OF 50 JACKS IN 5 SEC- TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 50 JACKS IN 5 SEC- TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 50 JACKS IN 5 SEC- STATIONS - 5: REMOTE TELEGRAPH STATIONS -5: PARALLELING JACKS - 10: TRUNK LINES -5: LOCAL OPER. POS 25. 8/8/40 NOY. 41 RN-23186 GENERAL USE RN 23J 173B RR-23186 GENERAL USE RN 23J 173B RR-23186 GENERAL USE RN 23J 173B RR-23186 GENERAL USE RN 23J 173B RRCCEIVER TRANSFER PANEL. CONTAINS A TOTAL OF 30 JACKS IN 9ARALLELING RECEPTACLES 5 SECTIONS AS FOLLOWS: REMOTE RADIOPHONE STATIONS -5: PARALLELING JACKS - 5: LOCAL TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 20 RECEPTACLES IN: SECTIONS AS FOLLOWS: TRUNK LINES - 10: TRUNK LINES - 15: LOCAL OPER. POS 20. 8/8/40 NOV. 41 RN-23186 GENERAL USE RN 23J 173B RR-23202 GENERAL USE RN 23J 166A TRANSMITTER TRANSFER PANEL. CONTAINS A TOTAL OF 50 FECEPT- ACLES IN 5 SECTIONS AS FOLLOWS: TRUNK LINES - 5: CONTAINS A TOTAL OF 20 RECEPTACLES IN: 5 CONTAINS A TOTAL OF 20 RECEPTACLE	RECEIVER TRANSFER PAMEL CONTAINS A TOTAL OF 70 JACKS IN 5 SECTIONS AS FOLLOWS: REMOTE RADIOPHONE STATIONS 5, REMOTE TELEGRAPH STATIONS 15, PARALLELING JACKS 10, TRUNK LINES	TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 75 RECEPTACLES IN 5 SECTIONS AS FOLLOWS: REMOTE RADIOPHONE STATIONS - 10: REMOTE TELEGRAPH STATIONS - 20: PARALLELING RECEPTACLES - 10:	TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 20 RECEPTACLES IN 3 SECTIONS AS FOLLOWS: REMOTE STATIONS - 5: TRUNK LINES - 5: LOCAL OPER. POS
RECEIVER TRANSFER PANEL CONTAINS A TOTAL OF 50 JACKS IN 5 SEC- TIONS AS FOLLOWS: REMOTE RADIOPHONE STATIONS - 5: REMOTE TELEGRAPH STATIONS -5: PARALLELING JACKS - 10: TRUNK LINES -5: LOCAL OPER. POS 25. 8/8/40 NOY. 41 RN-23186 GENERAL USE RN 23J 173B RECEIVER TRANSFER PANEL. CONTAINS A TOTAL OF 30 JACKS IN 5 SECTIONS AS FOLLOWS: TRUNK LINES - 15: LOCAL OPER. POS 20. 8/8/40 NOY. 41 RN-23186 GENERAL USE RN 23J 173B RECEIVER TRANSFER PANEL. CONTAINS A TOTAL OF 30 JACKS IN 5 SECTIONS AS FOLLOWS: TRUNK LINES - 15: LOCAL OPER. POS 20. 8/8/40 NOY. 41 RN-23186 GENERAL USE RN 23J 173B RECEIVER TRANSFER PANEL. CONTAINS A TOTAL OF 30 JACKS IN 5 SECTIONS AS FOLLOWS: TRUNK LINES - 5: LOCAL OPER. POS 20. 8/8/40 NOY. 41 RN-23186 GENERAL USE RN 23J 173B RR-23194 GENERAL USE RN 23J 158B TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 20 RECEPTACLES IN 3 SECTIONS AS FOLLOWS: REMOTE RADIOPHONE TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 20 RECEPTACLES IN 3 SECTIONS AS FOLLOWS: REMOTE TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 20 RECEPTACLES IN 3 SECTIONS AS FOLLOWS: REMOTE TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 20 RECEPTACLES IN 3 SECTIONS AS FOLLOWS: REMOTE TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 20 RECEPTACLES IN 3 SECTIONS AS FOLLOWS: REMOTE TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 20 RECEPTACLES IN 3 SECTIONS AS FOLLOWS: REMOTE TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 20 RECEPTACLES IN 3 SECTIONS AS FOLLOWS: REMOTE TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 20 RECEPTACLES IN 3 SECTIONS AS FOLLOWS: REMOTE TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 20 RECEPTACLES IN 3 SECTIONS AS FOLLOWS: REMOTE TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 20 RECEPTACLES IN 3 SECTIONS AS FOLLOWS: REMOTE TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 20 RECEPTACLES IN 3 SECTIONS AS FOLLOWS: REMOTE TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 20 RECEPTACLES IN 3 SECTIONS AS FOLLOWS: REMOTE TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 20 RECEPTACLES IN 3 SECTIONS AS FOLLOWS: REMOTE			
NOV. 41 RN-23186 GENERAL USE RN 23J 173B RCCEIVER TRANSFER PANEL. CONTAINS A TOTAL OF 30 JACKS IN 5 SECTIONS AS FOLLOWS: REMOTE RADIOPHONE STATIONS - 5: REMOTE TELEGRAPH STATIONS 15: PARALLELING JACKS - 5: LOCAL TRANSHITTERS - 5: LOCAL TRANSHITTERS - 5: LOCAL OPER. POS 10. 8/8/40 NOV. 41 NOV. 41 RN-23194 GENERAL USE RN 23J 158B RN-23202 GENERAL USE RN 23J 166A TRANSHITTER TRANSFER CONTAINS A TOTAL OF 20 RECEPTACLES IN 3 SECTIONS AS FOLLOWS: TRUNK LINES - 5: LOCAL TRANSHITTERS - 10: LOCAL OPER POS 5. 8/8/40 NOV. 41 NOV. 41 RNOV. 41 RNOV. 41 RN-23194 GENERAL USE RN 23J 158B RN-23202 GENERAL USE RN 23J 166A TRANSHITTER TRANSFER PANEL CONTAINS A TOTAL OF 20 RECEPTACLES IN 3 SECTIONS AS FOLLOWS: TRUNK LINES - 5: LOCAL TRANSMITTERS - 10: LOCAL OPER POS 5. 8/8/40 NOV. 41 RNOV. 41 RN-23202 GENERAL USE RN 23J 166A TRANSHITTER TRANSFER PANEL CONTAINS A TOTAL OF 20 RECEPTACLES IN 3 SECTIONS AS FOLLOWS: TRUNK LINES - 5: LOCAL TRANSMITTERS - 10: LOCAL OPER POS 5. 8/8/40 NOV. 41 RNOV. 41	RECEIVER TRANSFER PANEL CONTAINS A TOTAL OF 50 JACKS IN 5 SEC- TIONS AS FOLLOWS: REMOTE RADIOPHONE STATIONS - 5: REMOTE TELEGRAPH STATIONS -5: PARALLELING JACKS - 10: TRUNK LINES	TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 75 RECEPTACLES IN 5 SECTIONS AS FOLLOWS: REMOTE RADIOPHONE STATIONS - 15: REMOTE TELEGRAPH STATIONS - 15: PARALLELING RECEPTACLES - 10:	TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 20 RECEPTACLES IN 3 SECTIONS AS FOLLOWS: TRUNK LINES - 10: LOCAL TRANSMITTERS - 5: LOCAL OPER. POS
RECEIVER TRANSFER PANEL. CONTAINS A TOTAL OF 30 JACKS IN PANEL; CONTAINS A TOTAL OF 65 RECEPT- STATIONS - 5: REMOTE TELEGRAPH STATIONS STATIONS - 5: PARALLELING JACKS - 5: - LOCAL TRANSMITTER TRANSFER PANEL; CONTAINS A TOTAL OF 65 RECEPT- CONTAINS A TOTAL OF 20 RECEPTACLES IN: SECTIONS SECTIONS SERVICE STATIONS 5, REMOTE TELEGRAPH STATIONS 15, PARALLELING RECEPTACLES TRANSMITTERS - 10: LOCAL OPER POS - 5. 8/8/40 8/8/40 8/8/40 ASSIGNED AS			
MOV. 41 ASSIGNED DEC. 41 ASSIGNED NOV. 41	RECEIVER TRANSFER PANEL. CONTAINS A TOTAL OF 30 JACKS IN	TRANSMITTER TRANSFER PANEL; CONTAINS A TOTAL OF 65 RECEPT- ACLES IN 5 SECTIONS AS FOLLOWS: REMOTE RADIOPHONE STATIONS 5, REMOTE TELEGRAPH	TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 20 RECEPTACLES IN : SECTIONS AS FOLLOWS: TRUNK LINES - 5: LOCAL TRANSMITTERS - 10; LOCAL OPER PO:
ISSUED ISSUED	STATIONS - 5: REMOTE TELEGRAPH STATIONS - 5: PARALLELING JACKS - 5: - LOCAL TRANSMITTERS - 5: LOCAL OPER. POS 10.	10. TRUNK LINES 15. LOCAL OPERATING POSITIONS 20.	

DESIGNATION FIRST ASSIGNED FOR CHAVY DEAVING		DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION		DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION
RN-23203 GENERAL USE RN 23J 167B TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 15 RECEPTACLES IN 3 SECTIONS AS FOLLOWS: REMOTE STATIONS 5: LOCAL TRANSMITTERS - 5: LOCAL OPER. POS 5.		23211 TBT RE 13A 612 RADIOPHONE UNIT: TELEPHONE: 10 WIRE CIRCUITS FOR TELE- PHONE COMMUNICATION, SUPPLY 115 OR 230 VOLTS AC-DC. TELEGRAPH: 6 WIRE CIRCUIT FOR START STOP OF TRANSMITTING EQUIP- HENTS. AND TERMINALS FOR EXTERNAL KEY.		CRY 23215 ZC CONTROL 20X
8/8/40 NOV. 41		MATERIIGHI. SIMILAR TO TYPE -23420. 10/8/40 CRY:MI-8816 CRY:I-620193 MAR. 44 SUB 0		10/18/40 K-865098 SUB 0 NOV. 41
RN-23204 GENERAL USE RN 23J 168A TRANSMITTER TRANSFER PANEL CONTAINS A TOTAL OF 15 RECEPTACLES IN SECTIONS AS FOLLOWS: TRUNK LINES - 5: LOCAL TRANSMITTERS - 5: LOCAL OPER. POS 5.	3 .	23211-A #GEN USE RADIOPHONE UNIT: TELEPHONE: 10 WIRE CIRCUITS FOR TELE- PHONE COMMUNICATION. SUPPLY 115 OR 230 VOLTS AC OR DC. TELEGRAPH: 6 MIRE CIR- CUITS FOR START-STOP OF TRANSHITTING EQUIPMENTS, AND TERMINALS FOR EXTERNAL		CAY 23216
8/8/40 NOV. 41		#FIRST PURCHASE: NXS-11239. 1/20/43 COT: AUG. 43		0 TAB-5, TBK-11, 18M-6 & TBU-1. 10/23/40 T-7606584 SUB AUG. 44 *SEE ABOVE
RN-23205 CENERAL USE RN 23J 1518 RADIOPHONE TRANSFER PANEL CONTAINS A TOTAL OF 40 RECEPTACLES IN SECTIONS AS FOLLOWS: REMOTE RADIOPHONE STATIONS - 15: PARALLELING RECEPTACLES 10: TRUNK LINES - 10: LOCAL OPERATING POSITIONS - 5.	4	23211-A KEY. WATER-TIGHT. SAME AS -23211 EXCEP CAU TYPE 2-032138 LEVER SWITCH IS USED INSTEAD OF NAVY TYPE -24100.		CAY 23216 - A TBK-16, TBM-9/10 HAND LINE CONTROL UNIT INPUT: 110/1/60, 0.7 AMPS, 65 MATTS. SAME AS NAVY TYPE -23216 EXCEPT FOR SLIGHT MIRING CHANGES AND CHANGE IN POSITION OF A FEW OF THE COMPONENTS, ALSO HAS ADDED A TIME DELAY RELAY.
8/8/40 NOY. 41			a Pili Se da sa	2/17/44 T-7610703 AUG. 44 SUB 4
RN-23206 GENERAL USE RN 23J 152A RADIOPHONE TRANSFER PANEL CONTAINS A TOTAL OF 35 RECEPTACLES IN SECTIONS AS FOLLOWS: REMOTE RADIOPHONE STATIONS - 10: PARALLELING RECEPTACLES 10: TRUNK LINES - 10: LOCAL OPERATING POSITIONS - 5.	4	23211-B GEN RADIO USE RE 13A6120 RADIOPHONE UNIT TELEPHONE: 10 WIRE CIRCUITS FOR TELE- PHONE COMMUNICATION; SUPPLY 115 OR 230 AC/DC. TELEGRAPH: 6 WIRE CIRCUITS FOR START STOP OF TRANSMITTING EQUIPMENTS		CAY 23217 * SEE BELOW LAND LINE CONTROL UNIT. 110 VOLTS, SINGLE PHASE 25 CYCLES SUP- PLY.
8/8/40 HOV. 41		4 TERMINALS FOR EXTERNAL KEY, SAME AS -23211 EXCEPT EXTRA HANDSET JACK SUB-1/18/44 MAR. 44		* TAB-5, TBK-11 & TBM-6. 10/23/40 T-7606584 SUB NOY. 41
RN-23207 GENERAL USE RN 23J 153A RADIOPHONE TRANSFER PANEL CONTAINS A TOTAL OF 25 RECEPTACLES IN SECTIONS AS FOLLOWS: REMOTE RADIOPHONE STATIONS - 5: PARALLELING RECEPTACLES 10: TRUNK LINES - 5: LOCAL OPERATING POSITIONS - 5.	4	23211- STITUTED FOR MICROPHONE AND HEADPHONE JACK, WATERPROOF WITH DOOR OPEN. ADDED TERMINAL BOARD FOR EXTRA HANDSET. RE- MOVED RESISTOR FROM HANDSET CIRCUIT, HANDSET IN ACCORDANCE WITH RE 9357A. M DIFFERENT BUT INTERCHANGEABLE START ST	AS	CBM 23218 WBA RE 23J1459A TRANSFER SELECTOR CONTROL UNIT, CONTAINS MANUAL SWITCHING AND RELAY CONTROLS FOR TRANSFER OF OPERATIO FROM SOUNDING TO RANGING OR TO ALL-OI- RECTIONAL USE AND TO SELECT LISTENING FROM THE RANGING PROJECTOR OR ALL-OI-
8/8/40 HOV. 41		SWITCH. CAN BE USED TO REPLACE -23211.		RECTIONAL PROJECTORS. 10/29/40 8048 60010 ALT 0 KAR. 43
RN-23208 GENERAL USE RN 23J 154A RADIOPHONE TRANSFER PANEL CONTAINS A TOTAL OF 20 RECEPTACLES IN: SECTIONS AS FOLLOWS: TRUNK LINES - 10: LOCAL TRANSMITTERS - 6: LOCAL OPERATING POSITIONS - 5.		CRY 23212 RAQ ANTENNA CONTROL UNIT PROVIDES CONTROL OF ANTENNA TUNING.		CAY 23219 GP-6 PILOTS CONTROL BOX INCLUDES TRANSMITTER ON-OFF SWITCH AND INDICATING LIGHT; AN ICS-RADIO MICRO- PHONE SWITCH; JACKS FOR MICROPHONE, KEY THROTTLE SWITCH & HEADPHONE & HEADSET
8/8/40 NOY- 41		10/8/40 MX-244017 SUB NOV. 41	3 0	LEVEL CONTROL. EQUIPMENT POWER SUPPLY 120 VOLT 800 CYCLE & 12 OR 24 VOLTS DC. 11/9/40 P-7707504 NOV. 41 SUB 0
RN-23209 GENERAL USE RN 23J 155A RADIOPHONE TRANSFER PANEL CONTAINS A TOTAL OF 20 RECEPTACLES IN A SECTIONS AS FOLLOWS: RENOTE RADIOPHONE STATIONS - 5: PARALLELING RECEPTACLES 6: LOCAL TRANSMITTERS - 5: LOCAL OPER- ATING POSITIONS - 5.	•	CG-23213 TBA-4 LANO LINE CONTROL UNIT.		CAY 23220 GP-6 OPERATORS CONTROL BOX INCLUDES SAME CONTROLS AS CAY-23219 EXCEPT THROTTLE SWITCH JACK; & ALSO INCLUDES TWO INTERCONNECTING RECEIVER CABLES. EQUIPMENT POWER SUPPLY 120 YOLTS 800 CYCLES & 12 OR 24 YOLTS DC.
8/8/40 NOV. 41		10/15/40 4MCI3AI P-7763133 REV NOV. 41	0	11/9/40 P-7707503 NOV. 41 SUB 0
CDE 23210 TC CONTROL UNIT PROVIDES FOR GENERAL CONTROL OF THE EQUIPMENT & INCLUDES A COMMUNICATION RECEIVER HAVING A FREQUENCY RANGE OF 2: TO 400 KCS AND 1300 TO 30,000 KCS.	00	CW-23214 ZB. PILOTS CONTROL UNIT INCLUDES HOMING ADAPTER ON-OFF SWITCH, A LOCAL-DISTANCE SWITCH AND A HOMING- COMMUNICATION SWITCH.		CG-23221 * SEE BELOW REMOTE CONTROL UNIT
9/23/40 2553 ALT 0 NOV. 41	ASSIGNED	10/17/40 ESR-677839 MOV. 41 ISSUE 4	ASSIGNED	* CXAC, CXAF, CXAJ, CXAH, CXAO. 11/13/40 P-7762936 NDV. 41 REV 0
DATE MONIFICATIONS STANFORTH SEA	ISSUED	DATE MANUFACTIVESE'S MANUFACTIVESES	ISSUED	DATE MANUFACTURES MANUFACTURES

DESIGNATION	FIRST ASSIGNED FOR	OR SPECIFICATION	NAVY TYPE DESIGNATION	N FIRST ASSIGNED FOR	OR SPECIFICATION	NAVY TYPE. DESIGNATION	FIRST ASSIGNED FOR	OR SPECIFICATION
czs 23222	CXAG, CXAJ						双连通信机 [1]	
REMOTE TUNIN FLEXIBLE SHA				229 * SEE BEL CONTROL UNIT:	0.8			CB# 23232 -
				IS OF WESTERN ELE	CTRIC FSW HANDSE			TIO SYSTEM. SAMI UDES GEAR BOX AI
				LY, G2 SWITCH HOO ONTAINS A LOUDSPE		MINOP WI	RING CHANGES IN	
	militati gile ya			TIC RINGING, A VO				
11/13/40	1. 4. 3. 1.	P-7464592 REV 0		SET-LOUDSPEAKER S	WITCH.			
NOV. 41			2/7/41	USE WITH TCO-1	KS-102			
	ar ye bi		001.42		SU8 0			
	WA3-1	55 RE23J1453A						하는 병기가다
	ECTOR CONTROL DES MANUAL AN	D RELAY SWITCH-	. CRM 23) 4	CBH 2323	3 QCN-2, QC	0-1 55RE23J1436
ING DEVICES	FOR SHIFT OF	THE CONTROL	KERUIE	CONTROL UNIT S OF WESTERN ELEC	TRIC ES HANDSET		AIN LOCAL CONTR	
	NDICATOR TO S IVER POLARIZE	R OUTPUT FROM		Y, G3 SWITCH HOOK			ONTAINS KNOS FO Control Amplif	IER GIVING TRAIL
		DING PROJECTOR.	ALSO CO	INTAINS A LOUDSPEA IC RINGING, A VOL	UME CONTROL AND			ALSO INCLUDES
12/12/40 804	c talk	SX-4468C REV 0	VOLUME	CONTROL SWITCH.	11.00		MER PUSH BUTTON AND ON-OFF SWIT	
HAR. 44			2/7/41	ISE WITH TCP.				EMOVE POWER FROM
			NOV. 41			2/24/41 MAR. 42	(30)	C3M:60048
23224	GENERAL USE							
	EGRAPH REMOTE L - Dual. CO		CWK 23		ow is the particular with	RANGING	EQUIPMENT WHEN	23233
FOLLOWING: T	WO NAVY TYPE-	26012 INSULATED		E CONTROL PANEL TROLLING 500 CYCL	F CURRENT ON 21		OR LOWERING.	
	Y, FOUR SINGL	E BUTTON S, TWO INDICA-	CIRCUII	S OF BURIED CABLE	S SYSTEM. SUP-			
		ORS TO PERMIT	PLIED L DEC. 19	INDER CONTRACT NOS	79689 DATED 9		and the second	
	ON 115 OR 230	VOLTS AC-DC	J	101	174.6			
10/2/40 NOV. 41				ISE WITH CXAE.				
			2/11/41 NOV - 41				The Book of the	· · · · · · · · · · · · · · · · · · ·
SUPPLY. SIM	ILAR TO -2310	23224						
EXCEPT FOR C	ONTROL OF TWO	TRANSMITTERS.	СВМ 23		1-1 55RE23J1437A	CBN 232	3 - A QCN-2a,QC	0-la
				RAIN REMOTE . UNIT. CONTAINS	MANUALLY OPER-	HOIST TR	AIN LOCAL CONTR	
				NCHRO-GENERATOR F		UNIT:	And the State of	
				ELECTRIC AMPLIFIE TROL AMPLIFIER.				
				S THE CONTROL AMP			CANCELLED	
				O REPEATER ASSEMA				
			2/24/41 :NAR_ 4		C34:6983 ALT 0	11/1/43 MAR. 44		
DE 23225	ZA							
	AITH MOUNTING		סאבת פע	SH BUTTONS, ON-OF	F 23232	(24232	33-B QCN-Za.QC	0-10
	ES "FROM-TO"			AND OTHER MISCEL			AIN LOCAL CONTR	
INDICATING L	SWITCHES AND	A "LAND"	ONTROLS	•.	100	UNIT:		CHANGES IN NAVI
							233; MODIFIED F AINTENAUCE OF T	RUE BEARING (MT
B WASH. INST	OF TECH. DW	G 2301 REV 0.				FEATURE System.	TIED IN ON A ON	E (1) SPEED GYR
11/30/40		B SEE ABOVE				빛을 보고 있다면 보다.		Japan I. Light
NOV. 41						11/1/43		
CBN 23226	WAC	55 RE23J1452A				MAR. 44		
	ECTOR CONTROL			232-A QCN-2a,QCC)-la	сн 2323	34 тсо	
		DIFFERING ONLY		RAIN REMOVE CONTR	OL UNIT		ONTROL UNIT	
IN RELAY COL	L VOLTAGES AN	DIERMINAL	ADDING	A 5 PDT SWITCH, A	232 MODIFIED 8Y		OF I CW-CW-VOI	
			25 WAT	TRANSFORMER. A 3	Ø-10 MFD/PHASE		KER (CJS 49139) LE, HEADPHONE A	
				OR FOR MAINTENAND				
12/12/40 804		SK-4468C REV 0	SYSTEM	SAME AS -23232-8		r de la companya de l		불명하다하다.
MAR. 44			11/1/43 MAR. 44			2/27/41		R 2005 REV 0
07.00	70-1		man. 9			DE C. 41	KEMUIE	R-2007 REV 0
CRV 23227 CONTROL BOX	zc-1				CBM 23232 - A	1970 - CON 020	26 001	
SAME AS CRY-		FOR MOUNTING. &	INCLUD	E GEAR BOX. ALSO			35 QCJ-5, QC AIN REMOTE CONT	L-4 55RE23J1442
	ETAILS OF CON		MINOR	VIRING CHANGES IN		UNIT. C	ONTAINS MANUALL	Y OPERATED SYN-
STUDS.	TRICALLY LOCA	HED HOUNITING	AMPLIE	ER.			RATOR FOR CONTR AMPLIFIER UNIT	
				位的 联系式		CONTROL	AMPLIFIER. THI	S UNIT ALSO IN-
12/26/40		K-865098 SUB 0						IFIER, BEARING & HOIST AND LOWER
NOV. 41						3/26/41		CBM:6983 ALT
						AUG. 44		
CBM 23228	WBA	RE 23J 1438A	00 H 0 Z	232-8 QCN-2a,Q	20-19		FONO 07-17-1	20407-3
	ECTOR CONTROL AR TO CBM-232	18 EXCEPT FOR		TRAIN REMOTE CONTI			TONS, START-STO	
THE OMISSION	OF ONE RELAY	, ONE SWITCH	UNIT:	NAVY TYPE -25	32 MODIFIED BY	LANEOUS	CONTROLS. SIMIL	AS TO TYPE 23372
	N TYPE OF SWI N OF ALL DIRE	TCH RESULTING		A 5 PDT SWITCH, A RANSFORMER, A 30-		EXCEPT I	NCLUDES SYNCHRO	MOUS GENERATOR.
PROJECTORS.			CAPACI	TOR, MINOR HIRING	CHANGES IN THE			
1/23/41 804		60.043 ALT 0		YNE AMPLIFIER AND INTENANCE OF TRUE				
MAR. 43			11/1/4					
			SSIGNED HAR. 4	i,		SSIGNED		
			ISSUED			ISSUED		

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DESIGNATION FIRST ASSIGNED FOR MAYY DRAWING	DESIGNATION FIRST ASSIGNED FOR CA SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION
CBM 23235 - A QCJ-5a,QCL-4a HOIST-TRAIN REMOTE CONTROL UNIT: NAVY TYPE -23235 HODIFIED BY ADDING A 5 PDT SWITCH, A 115/78 VOLT,	C3M 23236-B QCJ-52.QCL-42 HOIST-TRAIN LOCAL CONTROL UNIT: SLIGHT WIRTING CHANGES IN NAVY	CRM 23242 TCR CONTROL UNIT PROVIDES COMPLETE CONTROL OF EQUIPMENT EITHER LOCAL OR REMOTE.
25 MATT TRANSFORMER, A 3\$\ 10 MFD/PHASE CAPACITOR FOR MAINTENANCE OF TRUE BEAR- ING (MTB) ON A 36 SPEED GYRO RATIO SYSTEM, SAME AS -21235-B EXCEPT DOES NOT	HAVING MAINTENANCE OF TRUE BEARING (MTB) FEATURE TIED IN ON A ONE (1) SPEED GYRO SYSTEM.	
11/1/43 HAR. 44	11/1/43 MAR. 44	5/6/41 NOV. 41
CBM 23235 - A INCLUDE GEAR BOX. ALSO -23235-B HAS NINOR WIRING CHANGES IN THE AMPLIDYNE AMPLIFIER.	CBM 23236-C *SEE BELOW HOIST TRAIN LOCAL CONTROL UNIT: SLIGHT WINING CHANGES IN MAYY TOPE -23256-A -MODIFIED FOR EQUIPMENTS HAVING MAINTENANCE OF TRUE BEARING (MTB) FEATURE TIED IN ON A ONE (1) SPEED GYRO SYSTEM. *QCJ-9a,QCL-8a,QCN-4a,QCO-3a 11/1/43	CBY 23243 ATA TRANSHITTER REMOTE CONTROL UNIT. HAS RECEPTACLES FOR INTERCONNECTION CABLES TO MODULATOR. HAS "TONE-CW-VOICE" CONTROL, SWITCH TO SELECT ONE OF FOUR TRANSHITTERS, TRANS- HITTER POWER "ON-OFF" SWITCH, MICROPHONI AND KEY JACKS. 5/20/41 7095-3-8
	THE MARK 44 TO BE BOTTON OF THE TOTAL TO THE	MAR. 42 7797-4-A
CBM 23235-8 QCJ-5a,QCL-4a HOIST-TRAIN REMOTE CONTROL UNIT: NAVY TYPE -23235 MODIFIED BY ADDING A 5 POT SWITCH, A 115/78 VOLT, 25 WATT TRANSFORMER, A 30 10 NFD/PHASE CAPACITOR, MINOR WIRFING CHANGES IN THE AMPLIOTHE AMPLIFIER AND A 1/36 GEAR BOX FOR MAINTENANCE OF TRUE BEARING (MT8)	CBM 23237 NDA TRANSFER SELECTOR CONTROL UNIT. CONTAINS KEYING RELAY FOR USE IN ROCHELLE SALT RANGING CIRCUIT, INTER- LOCKING RELAY TO OPEN KEYING CIRCUIT OF MACNETO-STRICTION RANGING PROJECTOR, AND TWO RELAYS FOR REMOTE CONTROL OF START- STOP CIRCUITS AS SELECTED BY POSITION OF	CDE 23244 YC-1 CONTROL UNIT PROVIDES FOR GENERAL CONTROL OF EQUIP- HENT AND INCLUDES A COMMUNICATION RECEIVER HAVING A FREQUENCY RANGE OF 20 TO 800 KC AND 2500 TO 23000 KC. RECEIVER IS NATIONAL COMPANY TYPE RCK-N
11/1/43 MAR. 44	3/8/41 804F 60049 ALT 0	7/18/41 2977 REV 0
CBM 23235 - B ON A OHE (I) SPEED GYRO RATIO SYSTEM. SAME AS -23235 - A EXCEPT INCLUDES GEAR BOX AND MIHOR WIRING CHANGES IN AMPLI- DYNE AMPLIFIER.	SOUNDING AND RANCING SWITCH 23237 OF THE RANGE INDICATOR.	CAY 23245 TCE-1 REMOTE CONTROL UNIT CONTAINS START-STOP TOGGLE SWITCH, ON- OFF INDICATOR LIGHT, SINGLE CIRCUIT KEY JACK, SINGLE CIRCUIT PHONE JACK, AND IW CIRCUIT MICROPHONE JACK, UNIT IS SPLASH-PROOF MHEN COVER IS SECURED.
		8/1/41 P-7708112 SUB NOV- 41
CBM 23236 QCJ-5, QCL-4 HOIST-TRAIN LOCAL CONTROL UNIT. CONTAINS KNOB FOR CONTROL OF INPUT TO CONTROL AMPLIFIER GIVING TRAIN- INC SPEEDS UP TO 4 RPM. ALSO INCLUDES HOIST-LOWER PUSH-BUTTONS, INDICATING LIGHTS, START-STOP SWITCH, STARTING	RA-23238 XAO REMOTE CONTROL UNIT PROVIDES ON/OFF PUSH BUTTON CONTROL OF TRANSMITTER & CONTROL FOR TYPE OF EMIS- SION & INCLUDES A MEATHER PROOF CASE TO PERMIT OUTSIDE USE.	CG-23246 TCX REMOTE CONTROL UNIT: PROVIDES ON-OFF CONTROL & INDICATION FOR TRANSMITTER AND INCLUOES 4 JACKS FOR MICROPHONE, KEY, PHONES AND LOUDSPEAKER.
RELAY FOR DYNAMO ELECTRIC AMPLIFIER UNIT 3/26/41 756G 60062 ALT O NOV. 41	4/21/41 NOV. 41	8/11/41 4MC19A1 CG:P-7763765-1 APR. 42 REV 1
AND ASSOCIATED THERMAL OVER- 23236 LOAD CUTOUTS.	RA- 23239 XAQ REMOTE CONTROL UNIT PROVIDES ON/OFF PUSH BUTTON CONTROL OF TRANSAITTER AND CONTROL FOR TYPE OF ENISSION. SAME AS RA-23238 EXCEPT IN- CLUDES A CASE FOR INSIDE OPERATION.	CRV 23247 AYA. AYA-I CONTROL UNIT SWITCHES FOR POWER AND ALSO AVC "ON-OFF". CONTROLS FOR ADJUSTMENT OF CIRCLE SIZE AND RECEIVER GAIN, SLOTS FOR SCRENDRIVER ADJUSTMENT OF FOCUS,
	4/21741	VERTICAL CENTER. CABLES ENTER ONE ON 9/29/41 620436-501 K-868182 SUB O
		: #AR. 43
CBM 23236A *SEE BELOW 55RE23J1449A HOIST-TRAIN LOCAL CONTROL UN.T: CONTAINS KNOB FOR CONTROL OF INPUT TO CONTROL AMPLIFIER CIVING TRAINING SPEEDS UP TO 4 RPM. ALSO INCLUDES HOIST-	CG-23240 TCL CONTROL UNIT PROVIDES A FILTER FOR THE ROTARY CON- VERTER.	EACH SIDE. SIMILAR TO 23247 CRY-23227 EXCEPT DESIGN IMPROVED TO FACILITATE SERVICING.
LOMER PUSH BUTTONS, INDICATING LIGHTS, START-STOP SWITCH, STARTING RELAY FOOR MOTOR-DYNAMO AMPLIFIER UNIT AND ASSOCI-10/24/42 756K CBM:50176, HAR. 44 ALT 0	4/21/41 4HY32A1 DEC. 41.	
св м 23236 л	CG- 23241 * SEE BELOW CONTROL UNIT	CTF 23248 AYC RE 13A 609A REHOTE CONTROL UNIT
ATED THERMAL OVERLOAD CUT-OUT. ELECTRI- CALLY AND MECHANICALLY INTERCHANGEABLE MITH BASIC NUMBER, BUT CASE MATERIAL IS SHEET METAL INSTEAD OF CAST ALUNINUM.	FOR USE HITH EITHER 4-WIRE OR 6-WIRE CONTROL CIRCUITS. PROVIDES COMPLETE CONTROL OF THE EQUIPMENT EXCEPT FOR FREQUENCY ADJUSTMENTS.	PROVIDES SWITCHING AND OUTPUT CONTROL OF TYPE -50087 DUAL AMPLIFIER.
*QCJ-9, QCL-8, QCN-4, QCO-3	* TCH. TCH & TCU. 5/1/41 4MY27A1 M-7465454 REY O	10/5/41 DEC. 41
ASSIGNI ISSUEE	ASSIGN	

DESIGNATION	FIRST ASSIGNED FOR	OR SPECIFICATION		DESIGNATION	FIRST ASSIGNED FOR	OR SPECIFICATION		NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	OR SPECIFICATION
CG- 23249 REMOTE CON				UNIT:	3 ARB NING CONTROL OF DIAL ASSEMB	Y AND CONTROL		LOCAL CONT	ING CHANGES IN	NAVY TYPE
				HEAD.	OT PTAL ASSERDI	i and control		MAINTENANC	E OF TRUE BEAR	UIPMENTS HAVING ING (HT8) (1) SPEED GYRO
11/25/41 MAR. 42		M-7466591 REV 0		12/B/41 QCT. 42	CRY:MI-8689-2	M-421967-501 REV 2		11/1/43 NOV. 43		
CG-23250 THO CHANNE	TCL-1 L CONTROL UNIT	:		CONSISTS	4 ARB NTROL BOX: OF 2 SWITCHES, D RECEPTACLE.	ONE POTENTIO-		ERATOR, HO TED BEARIN	ITROL UNIT; I TRAINING CONT DIST-LOWER SWIT IG REPEATER AND	
11/25/41 HAR. 42		M-7946805 REV 0		12/8/41 OCT. 42	CRV:M1-8689-1	P-721024-501 REV 6		12/31/41 HAR. 42	ON.	CRV:W-305207-5
CBY 23251	ARA									3,00
RECEIVER C FOR REMOTE INCLUDES V SWITCHES, SWITCHES, ING CABLES	ONTROL BOX; CONTROL OF 3 OLUME CONTROLS TUNING CONTROL RECEPTACLES FO DOES NOT IN H CAN BE EASIL	, A-TEL-B-TEL S, MCW-OFF-CW R INTERCONNEC CLUDE CALIBRA	τ-	CRV 23255 LOCAL TUNI UNIT;	S ARB			REMOTE CON NAVY TYPE 5 PDT SWIT TRANSFORME CAPACITOR SYNCHRO BY	-23260 MODIFIE Ch. A 145/78 Y R. A SYNCHRO 3 AND BY REPLACI A 5 DG SYNCHR	D BY ADDING A OLT, 25 WATT P-10 MFD/PHASE NG THE 5G O FOR MAIN-
12/4/41 MAR. 42		5014-4-A. 9064-4-A	•	12/8/41 MAR. 42		K-856798		TENANCE OF 11/1/43 NOV. 43	TRUE BEARING	(MT8) ON A 36
WHICH IS C	ONSIDERED PART	2325	1	CRV 2325	6 ARB					CHT 23260 - A
OF THE APP	LICABLE RE- D.			OPERATOR'	S CONTROL BOX: 3 SWITCHES, ON	E POTENTIOMETE			RATIO SYSTEM.	SAME AS
			,	12/8/41 OCT. 42	CRV:8689-A-2	P-721108-501 REV 4				
TROL UNIT;	N LOCAL CON-	55RE23J144		SHAFT;	7 ARB DIE CONTROL SHAFT, APPROX.	144" LONG. KNO	в	REMOTE COM)-B QCJ-82,QCL ITROL UNIT -23260 MODIFIE	D BY ADDING A
UP TO 4 RP PUSH BUTTO	PLIFIER GIVING M. ALSO INCLUD INS, INDICATING CH. STARTING RE	ES HOIST-LOWE LIGHTS, STAR	R T - O -	SHAFT.				TRANSFORMS CAPACITOR, BY A 503 S	BY REPLACING YNCHRO AND BY	♠ 10 MFD/PHASE THE 5G SYNCHRO
AUG. 43			. •	MAR. 42		M-421990 SUB 0		11/1/43 NOV. 43		
AND ASSOCI	AMPLIFIER UNIT, IATED THERMAL CUTOUT. SAME AS MAL OVERLOAD CU	CBM-23236 EX	-	CONSISTS	ONTROL BOX: Of BCX with too Witch, Jack, Re				(1) SPEED GYRO 23260-A EXCEPT	
				12/8/41 OCT. 42	CRV: M1-8767-3	P-721039-501 SUB 7				
CBM 23252-A QCQ-a,QCR-a HOIST-TRAIN-LOCAL CONTROL UNIT: NAVY TITE -23252 MODIFIED FOR MIS ON A 36 SPEED GYRO SYSTEM.			CG-23259 QCJ-8 QCL-7 LOCAL CONTROL UNIT: INPUT 440/3/60, 0.5 KVA, OUTPUT 440/3/60 TO XOTOR GENERATOR, AND PROVIDES FOR CONTROL OF POWER TO FIELD OF DYNAMO				CBY 23261 ARA RECEIVER CONTROL BOX; SINGLE UNIT, FOR CONTROL OF ONE RECEIV HAS CONTROLS FOR CW-OFF-MCM SHITCH, A-TEL-B-TEL SHITCH, VOLUME, AND TUNING			
	CANCELLED - MOI NEI	DIFICATIONS NO EDED	OT .	UM TUBE CO	MPLIFIER SET B INTROL CIRCUIT.			HAS PROVI	SIONS FOR ONE O FOR READY AT	INTERCONNECTING
11/1/43 MAR. 44				12/31/41 APR. 42		CRV:W-305207-		1/11/42 HAR. 42		CBY:7043-3-A 9064-4-A
HOIST-TR UNIT: TYPE -23	52-8 QCQ-a.QC AIN LOCAL CONI SLIGHT WIRIN 252; MOJIFIED IAINTENANCE OF	ROL G CHANGES IN FOR EQUIPMENT	S ,	LOCAL CON	O-A QCJ-82,QCL TROL UNIT -23259 MODIFIE GYRO SYSTEM.				COMENT DOES NO HE REMOVABLE	23261
	TIED IN ON A O				CANCELLED - MOD	IFICATIONS NOT DED				
11/1/43 MAR. 44			ASSIGNED	11/1/43 NOV. 43			ASSIGNED			
			ISSUED				ISSUED			

MAYY TYPE DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR ON SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION
CBM 2 3 2 6 2 QCJ-6,QCL-5 55RE23J1443	CR V 2 3 2 6 4	
HOIST TRAIN REMOTE CON-		CAN 23266.
TROL UNIT;	FLEXIBLE SHAFT FROM A FIXED POINT NEAR	CIRCUIT AND THEREFORE THE ELIMINATION OF THE DD-PC SWITCH ON THE TOP PANEL. SAME
CONTAINS MANUALLY OPERATED SYNCHRO-GEN-	HELMSMAN'S COMPASS. OUTPUT 115 VOLTS. 35 NATTS. 0.3 AMP. SAME AS -22338	AS CAN-23266-A FOR SLIGHT MODIFICATIONS
ERATOR FOR CONTROL OF DYNAMO ELECTRIC	EXCEPT HAS FLEXIBLE DRIVE INSTEAD OF	IN TERMINAL BOARD. ELECTRICALLY AND
AMPLIFIER UNIT THRU THE CONTROL AMPLI- FIER. THIS UNIT ALSO INCLUDES THE CON-	SYNCHRO DRIVE.	MECHANICALLY INTERCHANGEABLE WITH
TROL AMPLIFIER, BEARING AND GYRO RE-		CAN-23206-A.
1/11/42 757T CBM:60066		
AUG. 43		
PEATER ASSEMBLY, HOIST CBH 23262	CRV 23264A QCU	0.70// 0.00
AND LOWER PUSH BUTTONS,	REMOTE TRAINING CONTROL	CAN 23266-C QFA-5 SHIP STEERING STAND
START-STOP CONTROL, AND OTHER MISCELLAN-	UNIT: INPUT 115/1/60, 100 WATTS. OUTPUT	SAME AS -23266-8 EXCEPT (1) COMPASS DIA
EOUS CONTROLS. SAME AS CBY-23235 EXCEPT FOR OMISSION OF THE JK INDEX	CONTROLLED BY HANDWHEEL ON PANEL. SUP- PLIES 115/1/60, 35 WATTS, .3 AMP TO	AND SOUND BEARING INDICATOR ARE EQUIPPE
TOR OHIOSTON OF THE DR THOCK	TRAINING MOTOR. HANDWHEEL IS COUPLED TO	WITH INDIRECT RED LIGHTNING (2) CIRCUIT
	THE BEARING REPEATER MOBILE POINTER,	MODIFIED TO MINIMIZE VOLTAGE FLUCTATION WITH MANEUVER OF ATTACK TEACHER SHIP (
	OUTER SCALE IS FIXED. AND INNER MOVABLE 11/23/42 W-305258-3	MODIFICATION OF MAIN TERMINAL BOARD.
	MAR. 44 July SUB O	6/2/44 811944 REV 0
		SEPT. 44 KEY U
CBM 23262 - A QCJ-6a,QCL-5a	(CANCELLED) CRV23264A	CAN 23266 -
HOIST-TRAIN REMOTE CONTROL UNIT: NATY TYPE -23262 MODIFIED BY	SCALE IS ORIVEN BY A FLEXIBLE SHAFT FROM	ELECTRICALLY & MECHANICALLY INTERCHANG
ADDING A 5 POT SHITCH, A 115/78 VOLT, 25	A FIXED POINT NEAR HELMSMAN'S COMPASS.	ABLE WITH -23266-8.
HATT TRANSFORMER, A 34-10 MFD/PHASE	IDENTICAL TO CRV-23264 EXCEPT THE COM-	
CAPACITOR FOR MAINTENANCE OF TRUE BEAR- ING (NTB) ON A 36 SPEED GYRO RATIO	PONENT PARTS ARE REARRANGED ON THE CHASSIS.	
SYSTEM. SAME AS -23262-B EXCEPT DOES NOT		
11/1/43 NAR. 44		
CBM 23262 - A	CRV 23265 WEA-1	
INCLUDE GEAR BOX. ALSO, -23262-B HAS	COMPASS REPEATER CONTROL	CAN 23267 QFA
MINOR WIRING CHANGES IN THE AMPLIDINE	UNIT: CONTAINS A MANUALLY OPERATED	REMOTE CONTROL UNIT;
AMPLIFIER.	COMPASS TYPE DIAL GEARED TO A HANDWHEEL. UNIT IS MECHANICALLY COUPLED BY A	
	FLIXIBLE SHAFT TO THE INNER DIAL OF THE	
	BEARING INDICATOR. FOR USE AT	
	HELMSMAN'S POSITION. 2/3/42 NI-8989 W-305258-5	
그는 그는 많은 하는 하게 되는 휴가를 받는	APR. 42 SUB 0	2/13/42
그 그는 말을수요 한 때문 바람이다.		HAR. 42
CBM 23252-B QCJ-6a,QCL-5a	CAN 23266 QFA	CAN 23268 QFA
HO IST-TRAIN REPOTE CONTROL	HELMSHAN'S STAND;	POWER CONTROL UNIT:
UNIT: NAVY TYPE -23262 MODIFIED BY		PROVIDES FOR START-STOP CONTROL OF HO
ADDING A 5 PDT SWITCH, A 115/78 VOLT, 25 WATT TRANSFORMER, A 30-10 MFD/PHASE		AND. BY BUILT-IN RECTIFIER, CONTROLS
CAPACITOR, MINOR WIRING CHANGES IN THE		FIELD OF THE 2 PHASE GENERATOR.
AMPLIDYNE AMPLIFIER AND A 1/36 GEAR BOX FOR MAINTENANCE OF TRUE BEARING (MTB)		fig. (1)
11/1/43	2/13/42 811944	2/13/42 811942
HAR. 44	MAR. 44 REV O	MAR. 44 REV 0
C8M23262-B	CAN 23266 - A QFA-1	CAN 23268 A QFA-1
ON A ONE (1) SPEED GYRO RATIO SYSTEM. SAME AS -23262-A EXCEPT INCLUDES GEAR	HELMSMAN'S STAND: SAME AS BASIC NUMBER EXCEPT 1. ALTERA-	POWER CONTROL UNIT:
BOX AND MINOR WIRING CHANGES IN	TION TO TURNING CIRCLE INDEPENDENT OF	PROVIDES FOR START-STOP CONTROL OF MOT AND CONTROL OF GENERATOR OUTPUT VOLTAGE
AMPLIDYNE AMPLIFIER.	SPEED, 2. ADDITION OF RUDGER RELAY, 3. ADDITION OF A SPEED DECAY WHEN TURNING	SAME AS BASIC NUMBER EXCEPT THE CHANGE
	& 4. THE ELIMINATION OF ELECTRO-MAGNETIC	IS THE ELIMINATION OF THE ELECTROMECH
	DAMPING IN THE DESTROYER RUDDER CIRCUIT	ICAL VOLTAGE REGULATOR TO SELF-EXCITA TION OF THE GENERATOR THROUGH A VACUUS
· 이런 노래에 모른 앱 '많겠네는데 -	11/4/42 811944 MAR. 44 REV 0	11/4/42 811942
		MAR. 44 REV 0
CRV 23263 YE-1	CAN 23266 - A	A. 40736
ANTENNA CONTROL UNIT:	AND THEREFORE THE ELIMINATION OF THE	CAN2326
PROVIDES CABLE CONNECTIONS TO ANTENNA ASSEMBLY, TRANSMITTER AND COMPASS RE-	DD-PC SHITCH ON THE TOP PANEL.	TUBE RECTIFIER OPERATING ON THE GENERA
PEATER. HAS CONTROLS FOR STAND BY.		TOR DUTPUT VOLTAGE.
MANUAL. GYRO AND OFF OPERATION. ALSO		
CONTAINS HAND SET, SHIP COURSE CONTROL.	of the state of the state of the	
2/2/42 CRY:M1-8523 CRV:T-620776		
AUG. 42		
20 27 26 4 USA 1	CAN 23366 - 0 OFA-7	
CRV 23264 WEA-1 REMOTE TRAINING CONTROL	CAN 23266-B QFA-3 STEERING STAND	CAN 23268 - B QFA-3
UNIT: INPUT 115/1/60, 100 WATTS. OUTPUT	SAME AS CAN-23266 EXCEPT (1) ALTERATION	POWER CONTROL UNIT:
CONTROLLED BY HANDWHEEL ON PANEL, SUP-	TO TURNING CIRCLE INDEPENDENT OF SPEED,	PROVIDES FOR START-STOP CONTROL OF MO AND CONTROL OF GENERATOR OUTPUT VOLTA:
PLIES 115/1/60 TO TRAINING MOTOR. HAND-	(2) ADDITION OF RUDDER RELAY, (3)	SAME AS BASIC NUMBER EXCEPT THE CHANG
	ADDITION OF A SPEED DECAY WHEN TURNING.	IS THE ELIMINATION OF THE ELECTRO ME-
WHEEL IS COUPLED TO THE BEARING REPEATER	AND (A) THE FLIMINATION OF EVECTRO-MAC-	
	AND (4) THE ELIMINATION OF ELECTRO-MAG- NETIC DAMPING IN THE DESTROYER RUDDER	
WHEEL IS COUPLED TO THE BEARING REPEATER MOVABLE POINTER, OUTER SCALE IS FIXED AND INNER MOVABLE SCALE IS DRIVEN BY A 2/3/42 MI-8988 CRY:N-305258-3	NETIC DAMPING IN THE DESTROYER RUDDER 8/12/43 81194	TATION OF THE GENERATOR THROUGH A VACU
WHEEL IS COUPLED TO THE BEARING REPEATER MOVABLE POINTER, OUTER SCALE IS FIXED AND INNER MOVABLE SCALE IS DRIVEN BY A	NETIC DAMPING IN THE DESTROYER RUDDER	

DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR ON SYECTRONING	MAYY TYPE FIRST ASSIGNED FOR OR SPECIFICATION
CAN 23268-8 TUBE RECTIFIER OPERATING ON THE GENERA- TOR OUTPUT VOLTAGE. SAME AS CAN-23268-A EXCEPT FOR ADDITION OF FOUR 15 MFD CAPACITORS TO IMPROVE POWER FACTOR AND PHASE VOLTAGE BALANCE.	CRV23271-A "OVER-THE-BOM" INDICATOR LAMP.	CRY 23276 RBP ANTENNA PANEL; CONSISTS OF A PLUG BOARD HAVING SEVEN TWO-PIN RECEPTACLE.
•		
		3/15/42 M1-7569 M-422490 OCT- 42 SUB C
	CGG 2 3 2 7 2 AMA	
IAN 23268-C QFA-5 POWER CONTROL UNIT PAME AS -23268-B EXCEPT ELECTRONIC VOLT- GGE REGULATOR HAS BEEN ADDED TO INSURE GCURACY OF CALIBRATION OF THE EQUIPMENT	CGC 23272 AMA CONTROL UMIT: HAS ON-OFF SAITCH O'VOLUME CONTROL FOR RECEIVER, MICROPHONE JACK, PILOT'S TELE- PHONE JACK, CO-PILOT'S TELEPHONE JACK.	CCT 23277 RBM, 1 & 2 CONTROL UNIT: FOR 25 CYCLE OPERATION, HAS FOLLOWING CONTROLS FOR MEDIUM FREQUENCY RADIO
AND TO ELIMINATE NECESSITY OF FIELD CUR- RENT ADJUSTMENTS WITH VARYING TEMPER- ATURES. ELECTRICALLY & MECHANICALLY	MICROPHONE BAITERY, MICROPHONE TRANS- FORMER, 8-CONTACT RECEPTACLE FOR INTER- CONNECTING CABLE, UNIT HAS TWO MOUNTING	RECEIVER: ON/OFF SIDE-TONE SWITCH, PO SWITCH MARKED OFF/FIL ON/PLATE ON, INDICATING LIGHT, ALSO INCLUDES IDEN-
6/2/44 811942 SEPT- 44 REV 0	3/9/42 BC-722-T1 CGG:63C43905 OCT. 42	TICAL SET OF CONTROLS FOR THE HIGH 3/25/42 CAY:T-760791 APR. 42 SUB 0
CAN 2 3 2 68 - C	EARS. MOUNTS ON ANY FLAT CGG23272	
INTERCHANGEABLE WITH -23268-B.	SURFACE USING 4 HOUNTING HOLES.	FREQUENCY TRANSMITTER. CCT232 IN ADDITION THERE ARE, HAIN POWER ON/OFF SWITCH, INDICATING
	and the second of the second o	LIGHT, AND PHONE TRANSFER SWITCH.
¥		
cc-23269 * SEE BELOW	CNA 23273 RBN	207 07 07 07 0
AND LINE CONTROL UNIT: SUPPLY: 110/1/60, 2.5 AMPS, 270 WATTS. SAME AS CG-23213 EXCEPT FOR ADDITION OF A RESISTOR AND INCREASED RATING OF THE	MIXER-CALIBRATOR UNIT: INCLUDES CRYSTAL OSCILLATOR FOR CALIBRATING ASSOCIATED RECEIVER AT 4235 KC AND FIRST FOUR HARPONICS, INDICATING	CCT 23278 RBM, 1 & 2 CONTROL UNIT: FOR 60 CYCLE OPERATION. HAS FOLLOWING CONTROLS FOR MEDIUM FREQUENCY RADIO
POWER TRANSFORMER. * TAJ-13, TCJ-1 8/27/42	LIGHT TO SHOW OPERATING RECEIVER, PUSH BUTTON TO SELECT ANY RECEIVER OR ALL FIVE RECEIVERS AT ONCE, OUTPUT JACK FOR 3/12/42	RECEIVER: ON/OFF SIDE TOME SMITCH, PO SMITCH MARKED OFF/FIL ON/PLATE ON, IN DICATING LIGHT. ALSO INCLUDES IDENTIC SET OF CONTAULS FOR THE HIGH FREQUENC
AUG. 43 REY 9	OCF. 42	3/25/42 CAY:T-760/91 APR- 42 SUB 0
COL 23270 * SEE BELOW REHOTE CONTROL UNIT: CONTROLS OPERATION OF RECEIVER AND TRANSWITTER (NAVY TYPES COL-46159 AND COL-52245 RESPECTIVELY). HAS BUILT-IN	HEADPHONES, PROVISIONS CHA23273 FOR FIVE INTERCONNECTING CABLES (ONE EACH FOR THE FIVE RECEIVERS). OPERATES FROM 110/1/60.0.5 AMPS, 50 MATTS.	TRANSMITTER. IN ADDI- CCT232 TION THERE ARE MAIN POWER ON/OFF SWITCH, INDICATING LIGHT, AND PHONE TRANSFER SWITCH.
SPEAKER, HAS SWITCH IN ORDER THAT EAR- PHONES HAY BE USED. * TCS, -1, -2, -3, -4 3/6/42 314M 654A-2		
AUG. 42		
CCY 23270 - A TCS-6	CEY 23274 CXB0	
REMOTE CONTROL UNIT:	SWITCHING UNIT: Provides manual or automatic switching	CBM 23279 NCA TRAINING REMOTE CONTROL
INCLUDES BUILT-IN SPEAKER, AND SWITCH SO THAT EARPHONES MAY BE USED. SAME AS BASIC NUMBER EXCEPT FOR TYPE OF SOLDER TERMINALS USED ON THE RESISTOR BOARD.	EITHER ONE OF TWO INPUT CIRCUITS ALTER- NATELY INTO AN AMPLIFIER WITH SYNCHRONIZED SWITCHING OF TO EXTERNAL	UNIT: INCLUDES HAND LEVER OPERATED SWITCH AND RESISTORS FOR CONTROL OF T FIELD OF MOTOR GENERATOR CBP-21356, T
	POWER CIRCUITS.	PROJECTOR AND CYRO REPEATER ASSEMBLY, ALSO INCLUDES THE LOUD SPEAKER OF THE
5/18/43 314H COL:654A-2 AUG. 43	3/13/42 APR. 42	RANGING OR LISTENING SYSTEM. HAS THO 4/5/42 757RJ CBM:60096 JUNE 42 ALT 1
CRY 23271 YG ANTENNA CONTROL UNIT:	CRV 23275 RBP POWER CONTROL PANEL:	св н23279
	PROVIDES FOR INDIVIDUAL CONTROL OF THE ASSOCIATED THREE RECEIVERS, TOME KEYER OR AUDIO AMPLIFIER. INCLUDES ON-OFF SWITCH, FILMENT RHOOSTAT, FUSES, METER PUSH SWITCHES FOR EACH OF THESE UNITS.	INDICES ON THE PROJECTOR BEARING DIS ONE FOR QC AND ONE FOR JK, 180 DEGREE APART, BUT THE QC INDEX IS MASKED.
	ALSO INCLUDES BIAS VOLT METER, FILAMENT 3/15/42 MI-7565 A P-720997	
3/2/42 Apr. 42	OCT. 42 Sud 0	
CRY 23271-A YG ANTENNA CONTROL UNIT	VOLTMETER, AND PLATE GRV23275 CURRENT MILLIAMMETER	CBM 2 3 2 7 9 A WCA
INPUT: 115/1/60. FUNCTIONS: KEYING TRANS-	WHICH CAN BE SWITCHED TO UNIT UNDER	TRAINING REMOTE CONTROL UNIT: INCLUDES HAND LEVER OPERATED
MITTER AND MAINTENANCE OF PROFER RE- LATIONSHIP BETHEEN POSITION OF ANTENNA.	TEST BY MEANS OF THE PUSH BUTIONS.	SWITCH AND RESISTORS FOR CONTROL OF
COURSE OF SHIP AND THE KEYED SIGNAL. SAME AS NAVY TYPE -23271 EXCEPT HAS PRO-		FIELD OF MOTOR-GENERATOR CBP-21356. 1 PROJECTOR AND GYRO REPEATER ASSEMBLY.
VISIONS FOR "OVER-THE-BOW" KEYING OF		ALSO INCLUDES THE LOUD SPEAKER OF THE
2/26/44 HAR. 44	٠	RANGING OR LISTENING SYSTEM, HAS TWO 4/5/42 CBM:757R CBM:60.096
MAR. 44 ASSIGNED	ASSIGNI	AUG. 42 ALT 1
MANUFACTURER'S MANUFACTURER'S	DAYE MANUFACTURER'S MANUFACTURER'S	MANUFACTURER'S MANUFACTURER'S

MANUFACTURER'S

MAYY TYPE FIRST ASSIGNED FOR NAVY DRAWING OR SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION
INDICES ON THE PROJECTOR CBM 23279A	сви 23284	CRM23288 TDF
BEARING DISC, ONE FOR QC AND ONE FOR JK, 180 DEGREES APART.	INPUT 115/1/60 AT .65 AMP AND 56 WATTS.	REMOTE CONTROL UNIT:
IDENTICAL WITH CBM-23279 EXCEPT QC INDEX		PROVIDES COMPLETE CONTROL OF EQUIPMENT EITHER LOCAL OR REMOTE. SIMILAR TO
IS NOT MASKED.	물리가 그는 사람들이 걸려가 그들게 걸고싶다.	CRM-23242 EXCEPT EMISSION SHITCH HAS EXTRA POSITION FOR AI.
그 그는 그리고 하는 내고 있다.	보이는 그 이번 그들은 내가 되었다면 하다 된다.	EXITA PUSITION FOR AT.
그는 항상 등 없었다면 하는 것이 없다면 하나 없었다.	그러는 이번 뒤로 살아 이 이 이번 수석	4/29/42 T-1192 SUB 1
	마시는 지역 쾌원하다는 보이다고 하면	HAR. 43
200 27200 ATO		
CRR 23280 ATD REHOTE CONTROL UNIT:	CFL 23285 MN REMOTE CONTROL UNIT:	CFT 23289 YA-1 LOCAL CONTROL UNIT:
INCLUDES A STANDBY-OFF-CODE SWITCH, A KEY, A 4 CHANNEL SELECTOR SWITCH AND A	COMSISTS OF NAVY ON-OFF SWITCH, GREEN	INPUT: 100 TO 125 VOLTS /1/50 TO 60 CY-
TRANSMITTER INDICATOR BUTTON.	AND RED PALOT LAMPS, HANDSET VOLUME CON- TROL, AND LOUDSPEAKER VOLUME CONTROL.	CLES, 1.3 AMPS, 130 WATTS. CONSISTS OF A TYPE CFT-20148. RECTIFIER POWER UNIT.
	PROVIDES COMPLETE REMOTE CONTROL AT WAVE DISTANCE UP TO 75 FEET. INCLUDES 75 FEET	TYPE CFT-50108. CONSTANT OUTPUT AMPLI-
	OF WATER-PROOF CABLE AND PLUC-IN PRO-	FIER, AND ATYPE CAT-53095 EQUALIZIER.
4/9/42 JUNE 42	4/13/42 GFL:1410-8	5/8/42 105A CFT:F-34593-20
		NOV. 43
CIO 23281 TCL-2	CFL23285	CFT- 23289-A YA-2
REMOTE CONTROL UNIT:		LOCAL CONTROL UNIT:
ONSISTS OF TWO LAMPS FOR INDICATION OF ON-OFF OF THE POWER AND THE TRANSMITTER.	VISIONS FOR CW-51032 AND CUL-49175.	INPUT: 100 TO 125/1/50 TO 60, 1.3 AMPS.
Z KEYING INDICATOR LAMPS (RELAY), RELAY 2), A POWER SWITCH, TRANSMITTER SWITCH		130 WATTS. CONSISTS OF A TYPE CFT-20148 RECTIFIER POWER UNIT, TYPE CFT-23290
AND A RECEIVER KEY CIRCUIT REVERSING		LOCAL CONTROL PANEL, TYPE CFT-29171 RE- LAY PANEL, TYPE CFT-50108. CONSTANT OUT-
SWITCH. 4/10/42 A-1007	되는 그 그렇게 하면 모으는 근모하다	PUT AMPLIFIER, AND A TYPE CTH-53095
MAR. 43	나는 이 경험 선생님 사람이 하고 있는데 없다.	11/5/43 105B F-34598-2C JAN. 45
CID 23282 TCL-2	CFL- 23285 - A NN-5	CFT- 23289-A
FILTER AND CONTROL UNIT: 2 CHANNEL (235 CPS AND 1000 CPS). INPUT	REMOTE CONTROL UNIT: SAME AS -23285 EXCEPT IS MADE OF DRAWN	EQUALIZER. SAME AS BASIC NUMBER EXCEPT
110 VOLTS, 60 CYCLES AC, 50 HATTS. CON- SISTS OF A FILTER SECTION AND AN OSCIL-	STEEL INSTEAD OF BRONZE CASTING. LIGHTER	EQUALIZER MADE BY DIFFERENT COMPANY.
LATOR SECTION WITH A COMMON POWER SUPPLY	IN WEIGHT.	
THE 2 FILTER SECTIONS ARE CONNECTED TO A COMMON 500 OHM INPUT LINE, THE OUTPUT		경찰병의 그 사람 변경이 .
4/10/42 A-1005	4/6/44	
JUNE 42	JULY 44	
61023202	CBM 23286 WEA+2	
c1023282	CBM 23286 WEA-2 REMOTE CONTROL UNIT:	CFT 23290 YA-1
CONTROL'S A SET OF RELAYS THROUGH A CON-	INCLUDES A MECHANICAL REMOTE CONTROL FOR TRAINING THE PROJECTOR FROM THE BRIDGE	LOCAL CONTROL PANEL: INPUT 100 TO 125 VOLTS /1/50 TO 60 CYCLES, .49
VOLTS AT 50 WORDS PER MINUTE, 2 PHASE,	AND FOR INDICATING THE PROJECTOR BEARING	AMPS, 40 WATTS, PROVIDES INTERCOMMUNI- CATION WITH AND CONTROL OF TYPE CFT-
SHIFT OSCILLATORS KEYED BY CLOSING THEIR CATHODE CIRCUITS TO GROUND.	CONNECTION FROM REMOTE CONTROL UNIT TO HOIST-TRAIN UNIT IS BY A FLEXABLE STEEL	52263 RADIO TRANSMITTER FROM A REMOTE
	SHART INDICATING LIGHT ARE PROVIDED TO	STATION.
그 그 그리고 내 나를 하면 사기되었다.	4/16/42 CBM:586,8866 C8M:60133 AUC. 42 ALT 0	5/8/42 110A CFT:F-35773-2A
그 회의 이 공원, 남고양물시골, 취실 중요한		NOV. 43' 1108
CBM 23283 QFB	INDICATE UP OR DOWN CBM 23286	CFT 23291 YA-1
REMOTE CONTROL UNIT: INCLUDES TRAINING HAND GENERATOR. IL-	POSITION OF PROJECTOR SHAFT. FOR USE IN 115 OR 230 VOLTS DO EQUIPMENTS. SAME AS	REMOTE CONTROL UNIT;
LUMINATES CYRO REPEATER, HOIST LOWER	CBM-23311 EXCEPT FOR INDICATOR LIGHT	INPUT 100 TO 125 VOLTS /1/50 TO 6065 AMPS, 65 WATTS. CONSISTS OF A TYPE CFT-
SHITCHES AND INDICATING LIGHTS, POWER START-STOP SWITCH, DIAL LIGHT CONTROL	POTENTIOMETER.	23292 REMOTE CONTROL PANEL AND A TYPE CFT-50107. AUDIO AMPLIFIER.
AND BRIDGE LIGHT SWITCH. SAME AS 25173 Except the hand-wheel for the projector	그는 말이 지수를 보고 없는데 모르고 있다.	CFI-50107. ADDIO ANTEFFIER.
6/21/42 757U CBM:60191 ALT 0	그는 그렇게 되었다. 그렇게 나는 그렇다	5/8/42 106A CFT:F-34597-2 C
OCT. 42		NOV. 43 106B
0 H 2 Z 2 Q 2	004:3337 009	
C B M 2 3 2 8 3	CRV 23287 QCP REMOTE TRAINING CONTROL:	CFT 23292 YA-1
TRAINING CONTROL DRIVES THREE CONTROL ELEMENTS, ONE OF WHICH CONTROLS THE PRO-	UNIT: 1870T 115/1/60, .35 AMP. 40 WATTS OUTPUT CONTROLLABLE TRAINING POWER. 0	REMOTE CONTROL PANEL:
JECTOR TRAINING AND THE OTHER TWO CON-	TO 115 VOLTS, 60 CYCLES TO TRAINING	40 WATTS. PROVIDES INTERCOMMUNICATION WITH AND CONTROL OF TRANSMITTER TYPE
TROL WATER NOISE AND DOPPLER EFFECT AS A FUNCTION OF PROJECTOR POSITION. INPUT	NOTOR.	CFT: -52263 AT A DISTANT TRANSMITTING
115/1/60, 1.1 AMPS, 85 WATTS.		STATION.
	4/23/42 MI-16702 W-305636 SUB O	5/8/42 111A CFT:F-34465-2 B
		HOY, 43 1118
CBM 23284 QFB	CRY- 23287 - A QCH,QCX,QCY,QCZ	RN-23293 GENERAL USE RN 23J 180A
TARGET CONTROL PANEL: INCLUDES SUBMARINE SPEED CONTROLS, RUD-	REMOTE TRAINING CONTROL UNIT: SAME AS -23287 EXCEPT CHASSIS IS	RECEIVER TRANSFER PANEL:
DER CONTROLS. SUBMARINE HEAD INDICATOR.	NARROWER. ELECTRICALLY AND MECHANICALLY	CONTAINS TOTAL OF 70 RECEPTACLES IN S SECTIONS AS FOLLOWS: REMOTE RADIOPHONE
RESET CONTROLS FOR RETURNING SUBMARINE AND DESTROYER TO STARTING POSITIONS.	INTERCHANGEABLE WITH -23287.	STATIONS -10. REMOTE TELEGRAPH STATIONS
STOP CONTROL FOR FIXING RELATIVE POST-	제공 맛으롱들이 된다는 아니라 네트	-15, PARALLELING JACKS -10, TRUNK LINES -10, LOCAL OPERATING POSITIONS -25.
TIONS OF SUBMARINE AND DESTROYER. 6/21/42 CBM:908 CBM:5386	2/10/43 M-16702-A W-305636-10	6/3/42
OCT. 42 ALT O	SSIGNED JAN. 45 SUB. 0	AUG. 42
DATE MONNICACTIONS CHANNICACTIONS	DATE MANUFACTURER'S MANUFACTURER'S	DATE MANUFACTURES MANUFACTURES
		DESIGNATION PRATTING NUMBER

	DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR ON SPECIFICATION		
RN-23294 GENERAL USE RN 23J 181A TRANSMITTER TRANSFER PANEL: CONTAINS A TOTAL OF 60 RECEPT- ACLES IN 5 SECTIONS AS FOLLOWS: REMOTE RADIOPHONE STATIONS -10, REMOTE TELE- GRAPH STATIONS -15, PARALLELING JACKS -10, TRUTK LINES -10, LOCAL OPERATING POSITIONS -15. 6/5/42 AUG. 42	TERMINAL OF (A) 3 MB CM- 23298 TELEGRAPH AND ONE VOICE CHANNELS, OR (B) 12 NB AND 3 MB TELE- GRAPH CHANNELS IN AN OFFICE WHERE THERE IS A SENDING SYSTEM TERMINAL OF 3 MB TELEGRAPH AND ONE VOICE CHANNELS. FREQ. RANCE, LOW SECTION: 500 TO 2550 CPS. HIGH SECTION: 2550 TO 5000 CPS. ALL IN- PUT AND OUTPUT IMPEDANCES ARE 600 OHMS. USED. IN \$18, \$5, \$6.	CAY 23304 GENERAL USE TELEPHONE AND REMOTE CONTROL UNIT: OPERATES FRON 110 Y DC., 110/1/60 OR 110/1/25, TAKING 37 MATTS. AUDIO INPUT AND OUTPUT IMPEDANCES ARE 600 OHMS, AUDIO OUTPUT 1.3 MATTS. FRE- QUENCY RANGE 250 TO 3500 CPS ±2 DB. DIS TORTION LESS THAN 54 AT 400 CPS. IN- 6/10/42 DL-7501667 CAY:P- 2709084 AUG., 43 GROUP 1 SUB 9		
CW-23295 * SEE BELOW HI CARRIER TELEPHONE TERMINAL PANEL: (EAST) INPUT 115/1/60, 50 WATTS. TRANSWITTER BRANCH 7400 TO 10150 CYCLES IMPEDANCE, 600 OHMS INPUT IMPEDANCE, 600 OHMS OUTPUT IMPEDANCE. RECEIVING BRANCH 4150 TO 6900 CPS, 600 ** OHR KEAOLE CONTROL CIRCUITS 5/29/42 CW:J-68621A, \$D-64081-02 MAR. 45 LISTS 1 & 2	CM-23299 * SEE BELOW SENDING TELEGRAPH CHANNEL TERMINAL PANEL: PROVIDES JACKS ONLY, FOR A SINGLE TELEGRAPH CHANNEL. NO FREO LIMITS. IMPEDANCE HIGH UNLESS' JERMINATED. USED IN S4. * UHF REMOTE CONTROL CIRCUITS 5/29/42 CM:X-63603F CM:SS-712760 HAR. 43 LIST 1 FIG 5	CLUDES SWITCH IN HANDSET CAY 23304 CRADLE TO DEENERGIZE THE HANDSET WHEN IN THE CRADLE.		
cw23295	CH- 23300 * SEE BELOW	CAY 23304 - A RGEN USE		
OHMS INPUT IMPEDANCE, 300 OHMS OUTPUT IMPEDANCE. USED IN S8, R8, HI.	RECEIVING. LINE TERMINAL PATEL: CONSISTS OF LINE COILS AND JACKS SUITABLE FOR ONE SYSTEM TERMINAL OF (A) 12 NB TELEGRAPH CHANNELS, OR (B) 3 NB TELEGRAPH CHANNELS, OR (C) A SINGLE TELEGRAPH CHANNEL SOR (D) A SINGLE VOICE # UHF REMOTE CONTROL CIRCUITS 5/29/42 CM:X-63603G CM:ES-712761 HAR: 43 LIST 1 FIG 1	TELEPHONE AND REMOTE COMPROL UNIT: OPERATES FROM 110 VDC. 110/1/60 OR 110/1/25, TAXING 37 MATTS. AUDIO INPUT AND OUTPUT IMPEDANCES ARE 600 OMAS; AUDIO OUTPUT 1.3 MATTS. FREQ RANGE: 250 TO 3500 CPS ±208, DISTORTION of IRST PURCHASE: NXSS-18237 4/9/43 CAY:DL-7501667 CAY:P-7710657 SEPT 43 G3 SUB 0		
CW 23296 * SEE BELOW HI CARRIER TELEPHONE TERMI- NAL PAREL: (MEST) INPUT 115/1/60. 50 MATTS. TRANSMITTER BRANCH 4150 TO 6900 CPS. 600 OHMS INPUT IMPEDANCE. 600 OHMS OUTPUT IMPEDANCE. RECEIVING BRANCH 7400 TO 10150 CPS. 600 OHMS INPUT IMPEDANCE. **#UHF REMOTE CONTROL CIRCUITS. 5/29/42 CM:J-68621A, SD-64081-02 MAR. 45 LISIS 1 & 3	CHANNEL, OR (E) 12 NB AND CW- 23300 3 NB TELEGRAPH CHANNELS IN AN OFFICE WHERE THERE IS NO RECEIVING SYSTEM TERRINAL OF 3 MB TELEGRAPH AND ONE YOLGE CHANNEL. FREQ RANGE 300 TO 3300 CPS. USED IN RIA.	CAY 22304 - LESS THAN 51 AT 400 CPS. INCLUDES SWITT IN MANOSET GRADLE TO DE-EMERGIZE THE HANDSET HIEN IN CRADLE, ELECTRICALLY AN MECHANICALLY INTERCHANGEABLE WITH BASIN NUMBER, BUT: 1. A 3-CIRCUIT JACK HAS BEN ADDED WHICH TAKES CONTROL WHEN PLUG IS IN, 2. AC CIRCUIT SELECTION HAS BEEN CHANGED TO A TOGGLE SWITCH, & 3. SOME PARTS HAVE BEEN INTERNALLY REARRANGED.		
cw23296	CW- 23301 * SEE BELOW RECELYING LINE TERMINAL	CAY 23305 TOE		
300 OHMS OUTPUT IMPEDANCE. (USED IN S8.R8,HI).	PANEL: CONSISTS OF LINE COILS, HIGH PASS AND LOW PASS FILIERS AND JACKS SUITABLE FOR ONE SYSTEM TERMINAL OF: (A) 3 WB TELEGRAPH AND ONE VOICE CHANNELS, OR (B) 12 NB AND 3 WB TELEGRAPH CHANNELS ** UHF REMOTE CONTROL CIRCUITS 5/29/42 CM:X-63603H CM:ES-712761 MAR. 43 LIST 1 FIG 2	REMOTE CONTROL UNIT: PROVIDES START-STOP CONTROL AND KEYING OR VOICE TRAYSMISSION AT A REMOTE POINT FROM TRANSMITTER. HAS START-STOP SHITCH INDICATING LIGHT, KEY JACK, HICROPHONE JACK, AND PHONE JACK. INCLUDES COYER FOR FRONT OF UNIT, SECURE BY THUMB 6/14/42 DL-7502437-G-1 CAY:*-7408403 OCT. 42 SUB 0		
CW-23297 * SEE BELOW SENDING LINE TERMINAL PANEL: CONSISTS OF LINE COILS, ADJUST- A3LE O TO 15 DB PAD IN 1 DB STEPS, AND JACKS, SUITABLE FOR ONE SYSTEM TERMINAL OF:(A) 12 NB TELEGRAPH CHANNELS, OR (C) ONE * UHF REMOTE CONTROL CIRCUITS	IN AN OFFICE WHERE THERE CW- 23301 IS A RECEIVING SYSTEM TERMINAL OF 3 MB TELEGRAPH AND ONE VOICE CHANNELS. FREQ RANGE HIGH SECTION: 2550 TO 5000 CPS. LOW SECTION: 300 TO 2550 CPS. USED IN RIB.	SCREWS AND ATTACHED BY A CAY 23305 CHAIN. MOUNTING BRACKETS CAN BE SHIFTED FOR TABLE OR BULKHEAD MOUNTING. MAY BE USED WITH ANY TRANSMITTER CONNECTED FOR FOUR WIRE SYSTEM.		
5/29/42 CH:X-63603A CH:ES-712760 HAR. 43 LIST 1 FIG 1		왕동은 이번 하는 보다		
SINGLE TELEGRAPH CHANNEL, CW- 23297 OR (D) A VOICE CHANNEL, OR (E) 12 NB AND 3 MB TELEGRAPH CHANNELS IN AN OFFICE MERE I THRE IS NO SENDING SYSTEM TERMINAL OF 5 MB TELEGRAPH AND 1 VOICE CHANNELS, FREQ RANGE 300 TO 5000 CPS. IMPUT AND OUTPUT IMPEDANCES 600 OMMS. USED IN SIA, S4, S5, S7.	CH-23302 * SEE BELOW RECEIVING TELEGRAPH CHA'NGL TERWINAL PANEL: PROVIDES JACKS ONLY, FOR A SINGLE TELEGRAPH CHANNEL. NO FREQUENCY LIMITS. USED IN R4. * UHF REMOTE CONTROL CIRCUITS 5/29/42 CH:X-63603M, CH:ES-712761 HAR. 43 LIST 1 F1G 5	CBM 23306 QFB SHIP AND TARGET CONTROL UNIT: INCLUDES CONTROLS FOR SE TING MAXIMUM SPEEDS OF BOTH SUBMARINE ANDDESTROYER, AND MINIMUM TURNING RADI OF BOTH SUBMARINE AND DESTROYER. ALSO CONTAINS STEERING AND DRIVING MOTOR GO TROL CIRCUITS FOR BOTH SUBMARINE & DE- 6/21/42 909 CBM:SK3586 OCT. 42 ALT 0		
CM-23298 * SEE BELOW SENDING LINE TERMINAL PAREL: COMMISTS OF LINE COILS, HIGH PASS AND LOW PASS FILTERS, ADJUSTABLE O TO 15 DA PAD IN 1 DA STEPS, IN HIGH REQUENCY AND VOICE PREQUENCY SIDES OF THE CIRCUIT. SUITABLE FOR ONE SYSTEM ** UNIF REMOTE CONTROL CIRCUITS 5/29/42 CH:X-635033 CI:ES-712760	CH-23303 * SEE BELOW RECEIVING VOICE CHANNEL TERMINAL PANEL: COIL AND JACKS, FOR A SINGLE VOICE CHANNEL, FREODENCY RANCE 300 TO 3000 CPS. INPUT IMPEDANCE 400 OHMS. OUTPUT IMPEDANCE 600 OHMS. USED IN R6.R7. ** Unr KC.**0TE CONTROL CIRCUITS 5/29/42 CM:X-63603A, CM:ES-71276F MAR. 43 LIST 1 FIG 2	STROYER. SPEEDS ARE PRO- CBM 23306 VIDED INACCORDANCE WITH CONTRACT SPECI- FICATIONS AND TUNING RADII ARE IN AC- CORDANCE WITH INFORMATION RECEIVED FROM THE NAVY DEPT. INPUT: 115/1/60 AT 2.75. AMPS. 205 WATTS. OUTPUT: 0 TO 130/0 TO 130/0 TO 60/0-110 v DC AT .3/.3/.3/ .3 AMPS.		

MANY TYPE FIRST ASSIGNED FOR OR SPECIFICATION DESIGNATION . FIRST ASSIGNED FOR OR SPECIFICATION DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION CBM 23307 COVERED CABLE WITH OCTAL CRM 23312 CIA 23318 RBF-1 HELMSMAN'S STAND: INCLUDES STEERING WHEEL, RUDDER ANGLE PLUG. SIMILAR TO CRM-23327. SHITCHING UNIT: INPUT:
105 TO 120 V/1/50 TO 60, 0.06 AMPS, 7
WATTS & 150 V 0.48 AMPS DC. 72 WATTS.
SELECTS THE RECEIVER CONNECTED TO THE
AMPLIFIER AUTOMATICALLY OR MANUALLY,
INDICATES RECEIVER IN OPERATION BY INDI-INDICATOR, HELM INDICATOR, AND A GYRO-COMPASS REPEATER. INPUT: 115/1/60 AT 0.6 AMPS AND 38 WATTS. SIMILAR TO TYPE CATOR LIGHTS. HAS TIME CONTROL FOR AD-7/20/42 CTA:05573.1 6/21/42 CB4:891 CBM: SK -5384 CBM 23308 QFB CRV 23313 JUSTING AUTONATIC TIMING, D3 METER ENCINE-ROOM TELEGRAPH: OPERATOR'S CONTROL BOX:
FOR DUAL CONTROL. SELECTS CHANNEL FRE-INCLUDES CONTROLS FOR ENGINE ORDER AND STANDARD SPEED SETTING. INPUT: 230 V DC AT .0135 AMPS AND 3.1 WATES. QUENCY AND VOICE OR KEY. STARTS AND STOPS EQUIPHENT. ALL CONTROL REMOTE AND INDEPENDENT OF PILOT'S CONTROL BOX TO INDICATES OUTPUT OF AUDIO AMPLIFIER. GIVE FULL DUAL CONTROL. 6/21/42 CBM:892 OCT 42 C8M: SK-5385 CRY:P-721539-7/11/42 AUG. 42 CRM 23309 TOK CRV 23314 FOR DUAL CONTROL. SELECTS CHANNEL FRE-QUENCY AND VOICE OR KEY. STARTS AND STOPS EQUIPMENT. ALL CONTROL REMOTE AND INDEPENDENT OF OPERATOR'S CONTROL CFJ 23319 CXBV CONTROL UNIT: CFJ 23519 CRBY
RECEIVER CONTROL BOX:
FOR REMOTE CONTROL OF 3 RADIO RECEIVERS,
OVE UHF AND 2 LOW FREQUENCY. INCLUDES
VOLUME CONTROL. A 2 POSITION PHASE
SWITCH AND AN "AVC-OFF-MANUAL" SWITCH. CONTAINS A SEND-RECEIVE SWITCH, A 12 V
MOTOR STARTING SWITCH AND A 110 VOLT
MOTOR STARTING SWITCH. THE DIMENSIONS
OF THIS UNIT ARE: HEIGHT 4", WIDTH 9-1/
8", DEPTH 5". WEIGHT 4-1/2 POUNDS. BOX TO GIVE FULL DUAL CONTROL. ALSO IN-CLUDES BUILT-IN KEY. CRV:P-721540-7/11/42 7/25/42 CFJ:SCR-274 AUG. 42 MODIFIED AUG. 43 SUB 0 CW 23315 AYE
REMOTE CONTROL UNIT:
FOR REMOTE CONTROL OF NAVY TYPE CW46196 RECEIVER. INCLUDES VOLUME CONTROL,
HOWING-OFF VOICE SWITCH, 6 POSITION TUNHIG CONTROL, BEAT NOTE CONTROL, TWO
PHONE JACKS WITH ASSOCIATED SWITCH AND
TWO PERSPILICIES FOR INTERCONNECTION CRM 23310 TOK POWER CONTROL PANEL: CFJ 23320 CXBW
TRANSMITTER CONTROL BOX: BATTERY CHARGING AND CONTROL PANEL. CONTROLS OPERATION FROM 110 VOLTS DC OR FOR REMOTE CONTROL OF UHF AND LOW FRE-QUENCY TRANSMITTERS. INCLUDES A "TONE-CM-VOICE" SHITCH, TRANSMITTER POWER "ON-12 Y DC. MOUNTS FILAMENT RHEOSTAT AND ALTERNATOR FIELD RHEOSTAT. CONTROLS CHARGING RAFE OF 12 YOLT BATTERY (EITHER OFF" SWITCH, MICROPHONE AND KEY JACKS, AND A SELECTOR SWITCH. 10 AMPERE RATE OR TRICKLE CHARGE AT 1/2 6/24/42 TS-327 SUB 0 TWO RECEPTACLES FOR INTERCONNECTING ESXX-591465 7/25/42 CFJ:SCR-274 AUG. 42 MODIFIED MLR . 43 ISSUE 2 AMP RATE). MOTOR STARTING CRM 23310 AMP RATE). MOTOR STARTING CRM 23310
RESISTOR (WHEN USED FOR
110 V DC) IS XOUNTED ON BACK. HAS FUSE
TO PROTECT 110 AND 12 VOLT CIRCUITS.
TWO METERS ON PANEL: ONE TO INDICATE
BATTERY CHARGING CURRENT AND THE OTHER
THE BATTERY VOLTAGE OVERALL DIMENSIOVS:
MEIGHT 19" X WIDTH 12" X DEPTH 8-5/8" C#23315 CFJ 23321 CXBV & CXBW TRANSMITTER-RECEIVER
CONTROL BOX: FOR REVOTE CONTROL OF UHF
TRANSMITTER AND RECEIVER. CONSISTS OF
NAVY TYPE -25519 AND -25520 CONTROL HAS FUSES CABLES. BOXES COMBINED INTO A SINGLE UNIT AND INCLUDES HOUNT. 7/25/42 CFJ:F-101-3 AUG. 42 CBM 23311 WEA-2 CMV 23316 CJF 23322 TDM
AUTOMATIC ON-OF CONTROL:
USIT: CLOCKPROGRAM UNIT HHICHACTUATES
CIRCUIT SELECTOR TYPE 2 '23, WOUND PERIODICALLY BY GASOLINE ENGINE CENERATOR
SET. MAY BE ADJUSTED TOSTART OPERATION REMOTE CONTROL UNIT: CHY 22210 PE
POWER CONTROL UNIT:
IMPUT 115/1/60. 0.13 AMPS, 15 WATTS.
CONTROLS THE DISTRIBUTION OF POWER FOR
THE YARIOUS UNITS OF THE EQUIPMENT, INCLUDES ON-OFF SWITCH; KRAMER T HER CLOCK
TO SELECT TRANSCRIBER REPRODUCER UNIT: INCLUDES A MECHANICAL REMOTE CONTROL FOR TRAINING THE PROJECTOR FROM THE BRIDGE AND FOR INDICATING THE PROJECTOR BEARING CONNECTION FROM THE REMOTE CONTROL UNIT TO THE HOIST-TRAIN UNIT IS BY A FLEXIBLE STEEL SHAFT, INDICATING LIGHTS ARE PRO-6/27/42 CBM:886A CBM:60133 OF TRANSMITTER AT THE BEGINNING OF ANY 15 MINUTE INTERVAL. SELECTOR SWITCHES FOR YOICE, MANUAL AND 7/15/42 CHV:2558R4 CMV:2558R4-C ** CJF:P-39189 8/8/42 CCT.42 CMV:2558R4-EN VIDED TO INDICATE UP OR CBM 233
DOWN POSITION OF PROJECTOR SHAFT. FOR USE IN 32 YOLT DC
GOJPPENTS. SAME AS CBM-23286 EXCEPTOR INDICATOR LIGHT POTENTIONETER. CJF- 23322-A TDM-I
AUTOMATIC ON-OFF CONTROL
UNIT: CLOCK PROGRAM UNIT WHICH ACTUATES CIRCULT SELECTOR, TYPE -23325,
MOUND PERIODICALLY BY GASOLINE ENGINE
GENERATOR SET. MAY BE ADJUSTED TO START
OPERATION OF TRANSMITTER AT THE BEGINNING OF ANY 15 MINUTE INTERVAL, SAME AS
242444 AM-46748 CBH 23311 CMV 233 16 CLOCK. WEIGHT 6 POUNDS. 9/27/44 AV-40288 MAR. 45 CRM 23312 CNV 23317 PE CRM 23312 MQ
REHOTE CONTROL UNIT:
INCLUDES BUILT-IN PM LOUDSPEAKER. REGULATES VOLUME. SELECTS SPEAKER OR HANDSET
RECEPTION AND HAS "ON-OFF" SHITCH FOR
GUIPMENT. INCLUDES M.E. CO., HANDSET
TYPE F3443 (NAVY TYPE CM-51032) AND 20
FT SEVEN CONDUCTOR SHIELDED AND RUBBER1/6/4/2 CJF - 23322 -A SIGNAL INPUT PANEL: MIXES THE INCOMING SIGNALS UP TO 8 IN-BASIC NUMBER EXCEPT THAT THERMOSTAT AND .
HEATING LAMP HAVE BEEN OMITTED FROM CASE. PUTS. PROVIDES FOR ISOLATION BETWEEN INPUT SOURCES. OUTPUT OF EACH CIRCUIT HAS A GAIN OR LINE CONTROL FOR SIGNAL COMPENSATION. CRM:K-97 7/15/42 CMV:2539R CMY: 2539R-EN SUB I AUG. 43

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DESIGNATION FIRST ASSIGNED FOR DRAY DRAYING	DESIGNATION FIRST ASSIGNED FOR ON SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION
CJF 23323 TOM CIRCUIT SELECTOR: CONSISTS OF RELAYS, MOTORS, CODE DISCS, SKITCHES, AND ASSOCIATED EQUIPMENT FOR SELECTING AND COMPLETING THE CIRCUITS FOR THE TRANSMISSION OF THE STATION CALL	GRM 23327 FT. SEVEN CONDUCTOR SHIELDED AND RUBBER- COVERED CABLE WITH OCTAL PLUG. SIMILAR TO CRM-23312.	CBM 23331-B QCS-B,QCT-a HOIST-TRAIN LOCAL CONTROL UNIT: SLIGHT WIRNO CHANGES IN NAVY TYPE -2331; -NODITIED FOR EQUIPMENTS HAVING MAINTENANCE OF TRUE BEARING (MTB
LETTERS, IDENTIFICATION LETTERS AND HEA- SURING SIGNALS. 8/8/42 CJF:39198 DEC. 44;		FEATURE TIED IN ON A ONE (I) SPEED GYRO SYSTEM. 11/2/43
cJF 23323	CVS 23328 EY	HAR. 44
INPUT 115/1/60, 30 WATTS AND 12 VOLTS DC 6 WATTS.	CONTROL CABINET; SIEEL CABINET PANELBOARD WHICH INCLUDES ONE O TO 150 VOLT DC VOLTRETER, ONE O TO 75 AMP DC AMMETER, ONE FIELD RHEOSTAT AND ONE CIRCUIT BREAKER.	CBM 23332 QCS.QCT. DOME SEATING CONTROL UNIT: EMPLOYS RELAYS IN CONJUNCTION WITH THE HOIST MOTOR MAGNET CONTROLLER AND LIMIT SWITCHES TO PROVIDE FOR AUTOMATIC SEAT- ING OF THE DOME AND RETRACTING GEAR WHE LOWERED. INCLUDES A "MOTOR BRAKE OFF"
	9/22/42 AUG. 43	INDICATING LIGHT, EMERGENCY STOP PUSH 10/0/42 916 CBM:SK-5373 MAY 43 ALT 0
CJF 23324 IDM	CVS 23329 EZ	сви233332
AUTOMATIC CONTROL WHIT: CONSISTS OF 4 RELAYS, 3 THERMOSTATS, 1 TOGGLESWITCH AND FUSE BLOCK CONTROLS STARTING OF ENGINE, CHARGING OF BATTERY, WINDING CLOCK, VENTILATION, ETC.	STEEL CABINET PANEL BOARD WHICH INCLUDES ONE AC VOLTMETER, ONE AC AMMETER, ONE FIELD RHEOSTAT, ONE THREE PHASE CIRCUIT BREAKER.	BUTTON SWITCH AND A "BREAK RELEASE" OFF ON TOGGLE SWITCH.
8/10/42 CJF:40882	9/22/42	
MAR. 43	AUC. 43	
CJF- 23324-A TDM-1 AUTOMATIC CONTROL UNIT: CONSISTS OF 4 RELAYS. 3 THERMOSTATS, 1 TOGGLE SWITCH AND FUSE BLOCK. CONTROLS STARTING OF ENGINE. CHARGING OF BATTERY. WINDING CLOCK, VENTILATION, ETC. SAME AS BASIC NUMBER EXCEPT THAT CONNECTION OF CAPACITOR C-501 HAS BEEN CHANGED FROM 9/27/44 AV-40179 X-P-47027	Q 23330 ATC PILOT'S CONTROL UNIT: SELECTS ANY OF THE 10 PRESELECTED CHAN- NELS (2 TO 18.1 NC) AND THE ONE 200 TO 1500 KC CHANNEL. INCLUDES FILA*ENT ON- OFF SHITCH, EMISSION SELECTOR SWITCH, MICROPHONE JACK, AND TELE *RAPH KEY, *COLEXI228B DATA FORM SHT. 314N-1 10/2/42 COL:314N-1 *SEE ABOVE	CBM 23332 - A QCS-1 QCT-1 DONE SEATING CUNTROL UNIT: SAME AS BASIC NUMBER EXCEPT A DOUBLE POLE RELKY IS REPLACED BY A SINGLE POLE RELKY, BYESULTING IN A CHANGE IN INTERNA WIRING, ELECTRICALLY AND MECHÂNICALLY INTERCHANGEABLE AS A WHOLE WITH BASIC NUMBER. 4/20/43 916A CBM:SK-5373
MAR. 45	HAY 43	AUG. 43 ALT 0
CJF- 23324-A TERMINAL 8 TO OPPOSITE END OF FUSE F-500.	Ω 23330 INDICATOR LIGHT. 1.5-POUNDS. Ω CHQ,COL,CJP	23333 ATC POWER CONTROL UNIT CONTAINS STARTING RELAY AND A BAROMETRI SWITCH. USED FOR MOUNTING NAVY TYPES COR-21331 OR CWO-21332 DYNAMOTORS. THE BAROMETRIC SWITCH AUTOMATICALLY REDUCES THE 1150 VOLT OUTPUT TO 750 VOLTS WHEN THE UNIT IS OPERATED AT A REDUCED 10/12/42 COL: CJP:416U-1 COL-K352E-6 DEC. 44 CWQ:
CAN 23325 QFA-1 REMOTE CONTROL UNIT:	CBM 23331 QCS.QCT HOIST-TRAIN LOCAL CONTROL UNIT: CONTAINS KNOB FOR CONTROL OF INPUT TOCONTROL AMPLIFIER GIVING TRAINING	23333 ATMOSPHERIC PRESSURE, BELOW APPRO. 10.72 INCHES OF MERCURY.
8/24/42 OCT.42	SPEED UP TO 4 RPM. ALSO INCLUDES HOIST- LOWER PUSH-BUTTONS, INDICATING LIGHTS, AND START-STOP SWITCH, STARTING RELAY FOR DYNAMO ELECTRIC AMPLIFIER UNIT AND 10/8/42 756L CBM:60177 MAY 43 ALT 0	
CAN 23326 QFA-1 :TIMU JOHNFOL ON THE CONTROL SAME AS CAN -23268-A	CBM23331 ASSOCIATED THERMAL OVERLOAD CUTGUT RATED AT 1.2 AMP. SAME AS CBM-23252 EXCEPT	23333-A AIC, AIC-1 POWER CONTROL UNIT CONTAINS STARTING RELAY AND A BAROMETRI
	CASE MATERIAL IS CHANGED FROM ALUMINUM TO SHEET STEEL AND THE PARTS ASSEMBLY HAS BEEN ALTERED.	SMITCH, USED FOR MOUNTING NAVY TYPE -21331, OR -21932 SERIES DYNAMOTORS, TH BAROMETRIC SWITCH AUTOMATICALLY REDUCES THE 1150 YOLT OUTPUT TO 750 YOLTS WHEN
8/24/42 MAR. 43		THE UNIT IS OPERATED AT A REDUCED 3/8/44 416U-2
CRM 23327 MQ-1 REMOTE CONTROL UNIT: INCLUDES BUILT-IN PM LOUDSPEAKER. REGU- LATES VOLUME, SELECTS SPEAKER OR HAND-	CBM 2331-A QCS-a.QCT-a HOIST-TRAIN LOCAL CONTROL UNIT: NAVY TYPE -23331 HODIFIED FOR HIG ON A 36 SPELD GYRO SYSTEM.	ATMOSPHERIC PRESSURE, BELON APPROX. 10.72 INCHES OF MERCURY, SAME AS -23333 EXCEPT INCLUDES NOISE FILTER.
SET RECPTION AND HAS ON-OFF SWITCH FOR EQUIPMENT. INCLUDES W.E. CO. HANDSET TYPE F3A43 (NAVY TYPE CW-51032), "ON-OFF" TRANSMITTER FILAMENT SWITCH AND 20 8/51/42 XS-153	CANCELLED - MODIFICATIONS NOT MEEDED 11/2/43	
0 C T . 4 2 S U B 0 ASSIGNI		
DATE MANUFACTURER'S MANUFACTURER'S	DATE MONINGETHER'S MANNINGTHURER	DATE MONIGHTHORY'S SHANNING THUMBER

MAYY TYPE FIRST ASSIGNED FOR NAVY DRAWING OR SPECIFICATION		MANY TYPE DESIGNATION FIRST ASSIGNED FOR	on sylcapication		HAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	OR SPECIFICATION
CM-23334 AMB PILOT'S CONTROL UNIT: CONTROLS OPERATION OF CM-43036. INCLUDES ON-OFF SWITCH, MIROPHONE AND PHONE JACK PLANE TO PLANE AND YOR PLANE TO GROUND SWITCH, TANSMITTER CHAMMEL SELECTOR, VO UME CONTROL, P-P SENSITISITY CONTROL, RADIO-INTERPHONE SMITCH	rs .	CRY 23338 QCO-2 REMOTE TRAINING CONTROL INPUT 115/1/60, 50 MATTS PUT CONTROLLES BY HANDHH SUPPLIES 115/1/60, 35 MA TRAINING MOTOR, HANDHEE BEARING REPEATER MOVABLE SCALE IS FIXED, AND INNE	45 AMP. OUT- EEL ON PANEL ITS3 AMP TO L IS COUPLED TO POINTER. OUTER		.5 TO 3 CY KEYING REL AND RC CIR	TROL UNIT: 1/60, 50 MATTS C PER SECOND I AY. I-NCLUDES (SCILLATOR JUBE
10/17/42 MAY 43		11/24/42 Ai -89888 SEP1 45	CRV:W-306553-3 SUB 0		12/18/42 MAY 43		CJF:41541
23335 4 WIRE TELEGRAPH REMOTE CONTROL PANEL UNIT-OUAL: CONTAINS THE FOLLOWING; 2 NAVY TYPE-260 INSULATED TELEGRAPH KEYS 2 SPSI PUSH BU TON SWITCHES, 2 INDICATOR LIGHTS, AND 2 RESISTORS TO PERMIT OPERATION FROM 115 OR 230 V AC/DC SUPPLY. SIMILAR TO -2322 10/20/42 MAY 45	17-	DRIVEN BY A SYNCHRO CONN SHIP'S GYRO COMPASS SYST 23264 EXCEPT FOR SYNCHRO OF FLEXIBLE SHAFT DRIVE.	EM. SAME AS CRV- Drive instead		KEYING COM INPUT: 115 WATI. 0.5 OPERATING CILLATOR T OF RESISTA UENCY. SAN	/1/60, 50 WAT TO 3.0 CYCLES KEYING RELAY. UBE AND RC CI NCE DETERMINE	IS. OUTPUT: 0.1 PER SECOND FOR INCLUDES OS- RCUIT. VARIATION S KEYING FREQ- MBER EXCEPT ALL X-P-47035
23335 EXCEPT MODIFIED FOR 4 WIRE OPERATION AN CHANGES IN CONSTRUCTION.	ID.	CRV 23339 @CQ-2 REMOTE BEARING REPEATER UNIT: SAME AS CRV-25265 BEARINGDIAL IS OPERATED NECTED TO THE SHIP'S GYR 4 HAS NO HANDWHEEL. FOR MAN'S POSITION, HOUNTED METAL PLATE SUITABLE FOR 11/24/42 NI-8989-A SEPT 43	BY A SYNCHRO CON O COMPASS SYSTEM USE AT THE HELMS SEPARATELY ON A	•	ARRANGED O		CJF-23342- ANICALLY RE- TO SIMPLIFY THE CTRICALLY IDEN-
CBM 23336 MCA-1 TRAINING REMOTE CONTROLUNIT: INCLUDES ALL NECESSARY CONTROLS FOR TRAINING, ARD BEARING REPEATERS. IDENT ICAL TO C3M -23279-A EXCEPT FOR ELEC- TRICAL DIFFERENCES (RESISTORS, ETC.) DU TO CHANGE IN LINE VOLTAGE TO 90 TO 160 DC.	JΕ	MOUNTING. METAL MOUNTING IN THIS NUMBER.	CRY 23339		TYPE CCI-	NIT: OPERATION OF P 43040 OR CCI-4	OMER SUPPLY FOR 3049 TRANSMITTER 3-A EXCEPT COM-
11/5/42 757 V 60165 ALT 0 MAY 43					1/1/43 NOV. 43	MO-155R ∜	CC1:155-2H-4.1
CBM 23336A WCA-1 TRAINING REMOTE CONTROL UNIT: INCLUDES ALL NECESSARY CONTROLS FOR TRAINING, AND BEARING REPEATERS IDENTICAL TO CBM-23279A EXCEPT FOR ELEC TRICAL DIFFERENCES (RESISTORS, ETC.) DUE TO CHANGE IN LINE VOLTAGE TO 90 TO 160 VOLTS OC AND ADDITION OF JK LUBBER LINE		RW-23340 *SEE BELOW SWITCHING UNIT: INPUT 110/1/60 (FOR OPER MOIDR TYPE KYC-22. 115/1 2 RPM. 80 IN-02. TORQUET MATTS; 115 V DC. 2 MATTS; OUTPUT 110/1/60. SWITCHE	RATING BODINE 1/60, 7 WATTS, 1; 110 V DC, 20.4 5 6 VAC .9 WATTS.		CONTROL U CONTROLS TYPE CCI- RECEIVER.	OPERATION OF F 43040 OR CC1-4 Same as -2334	OWER SUPPLY FOR 3049 TRANSMITTER
11/5/42 757VJ 60165 ALT 0 MAR. 43		*MODEL JR. PO 336/43 12/9/42 May 43			10/21/47 HOV. 43		CC1:155-2H-4.1
сви23336	A		RM-23340		CAN 2374	F QFA-2	
SAME AS BASIC NUMBER EXCEPT FOR ADDITION OF JK LUBBER LIME INDEX.	N	I TO 20 HYDROPHONES OF A HYDROPHONE SYSIEM IN SE PUT OF THE AMPLIFIEK FOR PERIOD WHICH CAN BE VARI SECONDS IN 5 PERIODS. PR UAL OPERATION. PILOT LAN	EOVENCE TO THE 47 K A PRÉDETERMENCE LED FROM 2 TO 10 ROVIDES FOR MAN-	4			
		CAIOR.			1/4/43 MAR. 44		811943 REV 0
CW-23337 N311S-21400 # SMITCHBOARD: SMITCHBOARD: FIRE CONTROL, SINGLE PANEL UNIT TYPE, COMMON BATTERY MITH PROVISION FOR LOCAL BATTERY LINES TO TELEPHONE OF OTHER SMITCHBOARDS OF LOCAL BATTERY TYPE COMSISTS OF FRAME CONTAINING APPARATUS (INCLUDING HEATER UNIT) IN A MOHOGANY 11/19/42 CW:220-A,COMBA SEPT 43 SIG CORPS:8D-74	ON R	CRY 23341 QFD CONTROL UNIT: PROVIDES FOR THE STUDENT DIAL INDICATORS SIMILAR ACTUAL EQUIPTMENT OPERAT PROVIDES FOR THE INSTRUC SET UPBEARING PROBLEMS, BACK. INCLUDES TYPICAL E 12/9/42 MAY 43	TO THOSE ON AN TED FROM FRONT. CTOR CONTROLS TO OPERATED FROM		USED TO C PLAYBACKH BRAKING 67002 REP TION. INC	BRAKE CONTROL ONINGL THE OPE EAD, STEPBACK A MECHANISM OF M RODUCER UNIT F LUDES TEN FOOT G CABLE AND TH	RATION OF THE ND TURNABLE IAVY TYPE CCS- ROM REMOTE POSI- THREE WIRE INTE
CW-23337			CRY 23341				ccs 23345
CABINET 84" HICH, 24" MIDE, 11" DEEP. INCLUDES 25 TYPE CC-66 (18" LONG), CC- (36"LONG), CC-68 (72"LONG), SIGNAL COR PATCH CORDS, WEIGHT 666 POUNDS.		DIAL. AND KEYING MECHAN 115/1/80, 0.55 AMP.		1		V 10 AMP. SH	MRL, CONTACTS TCHES OPERATED
#SIG CORPS & DWGS SPEC 71-681 SC-D-1119-J SC-D-5694-A	ASSIGNED ISSUED			7221GH ED			
DATE MANUFACTIVER'S MANUFACTIVER'S		DATE MANUFACTURER'S	Servitarika	.23450	DATE	MANUFACTURER'S DESIGNATION	ETHINT SAINIAN

HAYY TYPE FIRST ASSIGNED FOR HAYY DRAWING OR SPECIFICATION	MAYY THE FIRST ASSIGNED FOR ON SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION
	27.750	
CAY 23346 *SEE BELOW	CBN 23350-A QCS-1a,QCT-1a	CHT 23353 QBC-1
CONTROL TRANSFER UNIT:	REMOTE CONTROL UNIT (FOR HOIST-TRAIN): NAVY TYPE -23350	TRAINING CONTROL UNIT:
CONSISTS OF REMOTE-LOCAL SWITCH, MICRO- PHONE JACK, PHONE JACK, AND THREE CORDS	MODIFIED BY ADDING A 5 POT SWITCH, A	INPUT: 115/1/60. 350 WATTS. MANUALLY OR
AND PLUGS EACH 20" LONG OVERALL . ONE	115/78 VOLT, 25 NATT TRANSFORMER, A 34-	AUTOMATICALLY CONTROLS THE ROTATION OF
FOR KEY. ONE FOR MICROPHONE AND ONE FOR	IO MFD/PHASE CAPACITOR FOR MAINTENANCE OF TRUE BEARING (MT3) ON A 36 SPEED GYRO	SEA UNIT MIRROR AND INDICATES THE ASMUTI
PHONES. *FOR USE WITH WITH TCE,TCE-1	RATIO SYSTEM SAME AS -23350-B EXCEPT	TILT OF THE SEA UNIT OF MORE THAN 150 1
1/5/43 DL-7502544-GI T-7608698 SUB 1	11/1/43	INDICATED BY THE RINGING OF AN ALARM BELL.
MAY 43 T-7609815 SUB 0	NOV. 43	2/5/43 AUG 43
CBM 23347 QFB-1	27750	
REMOTE CONTROL UNIT:	CBM 23350 - A DOES NOT INCLUDE GEAR BOX. ALSO, -23350	CWT 23354 QBD RA23F234
INPUT: 115/1/60, 1.1 AMPS, 85 WATTS,	HAS MINOR CHANGES IN AMPLIDINE AMPLIFIER.	TRAINING CONTROL UNIT:
INCLUDES ILLUMINATED GYRO REPEATER. HOIST-LOWER SWITCHES AND INDICATING		INPUT: 120/1/60, 140 WATTS. CONSISTS OF AN ELECTRICALLY DRIVEN VARIABLE SPEED
LIGHTS, POWER START-STOP SWITCH, DIAL		MECHANISM DIALS FOR INDICATING THE WATE
LIGHT CONTROL AND BRIDGE LIGHT SWITCH.		STATION UNIT MIRROR AZIMUTH & VERTICAL
SIMILAR TO TYPE -23283 EXCEPT TRAINING 1/15/43 CBM:757Y CBM:60191		TILT. A COMMUTATOR CONTROL & AN ELECTRICAL CIRCUIT TO ALLOW INDEXING OF MIRROR
1/13/43 CBM:757Y CBM:60191 A:UG . 43 ALT 0		2/5/43
		AUG 43
CBM23347	свм 23350-в Qcs-1a, Qcт-1a	сыт 23354
POTENTIOMETER. TRAINING ACCOMPLISHED BY	REMOTE CONTROL UNIT	POSITION AND INDICATION OF EXCESSIVE
HEANS OF PROJECTOR BEARING SYNCHRONOUS	TENER TO THE TENER OF THE TENER	TRIPOD TILT.
GENERATOR.	MODIFIED BY ADDING A 5 PDT SWITCH. A 115/ 78 VOLT. 25 WATT TRANSFORMER. A 3.9.	
	TO MEO/PHASE CAPACITOR, MINOR CHANGES IN	
	THE AMPLIDYNE AMPLIFIER AND A 1/36 GEAR BOX FOR MAINTENANCE OF TRUE BEARING	
	11/1/43	
	NOV. 43	
	00 W 2 7 7 5 0 - 0	
CBM 23348. QFB-1	CBM23350-B (MTB) ON A ONE (1) SPEED GYRO RATIO	COL 23355 *SEE BELOW
SHIP & TARGET CONTROL UNIT: INCLUDES CONTROLS FOR SETTING MAXIMUM	SYSTEM. SAME AS -23350-A EXCEPT INCLUDES	REMOTE CONTROL UNIT:
SPEED OF BOTH SUBMARINE, AND DESTROYER,	GEAR BOX AND MINOR WIRING CHANGES IN	CONTROLS OPERATION OF TRANSMITTER, RE- CEIVER, AND INTERPHONE AMPLIFIER. HAS
AND MINIMUM TURNING RADII OF BOTH SUB-	AMPLIDYNE AMPLIFIER.	BUILT-IN SPEAKER, 4 SHITCHES, 2 PHONE
MARINE & DESTROYER. ALSO CONTAINS STEER- ING & DRIVING MOTOR CONTROL CIRCUITS FOR	in the second of	JACKS AND 2 PICROPHONE JACKS. SIMILAR T
BOTH SUBMARINE AND DESTROYER. INPUT:	e de la companya de La companya de la co	COL-23270 TICS SERIES ACCESSORY.
1/13/43 CBM:909A CBM:SK-5386 AUG 43 ALT 0		2/25/43 COL:314H-2 COL:1765B

свн23348	COL 23351 TDH	CFT 23356 DAK-1
115/1/60 AT 2.75 AMPS 205 WATTS. QUIPUT:	REMOTE CONTROL UNIT:	CONTROL UNIT:
0-130/0-130/0-60/0-110 VDC AT 0.3/0.3/	INPUT: 115/1/60, 20 WATTS. CONTAINS MICROPHONE PREAMPLIFIER AND CONTROL	CONTROLS OPERATION OF CONTOMETER AND
0.3/0.3 AMPS. SIMILAR TO TYPE -23306 Except for internal changes.	EQUIPMENT NECESSARY FOR CONTROLLING	INDICATOR MOTORS, AND TYPE CFT-20209 RECTIFIER POWER UNIT.
	TRANSMITTER. INPUT AND OUTPUT IMPEDANCE	
	IS 500 OHMS. THE AMPLIFIER GAIN IS 5008 & FREQUENCY RESPONSE DOES NOT VARY MORE	
	1/20/43 177G-7 COL:2168A	2/27/3
	AUG 43 REV O	HAY 43
	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
CBM 23349 QFB-1	COL 23351 THAN 3DB WITHIN RANGE OF 150 TO 3500 CY.	CFT 23357 TDN
HELMSMAN'S STAND: INCLUDES STEERING WHEEL, RUDDER ANGLE	555 E.T KANGE OF 150 10 5500 61,	LOCAL CONTROL UNIT: CONSISTS OF ONE SPST TOOGLE SUITABLE
INDICATOR, HELM INDICATOR, AND A GYRO-		SWITCH FOR FILAMENT ON-OFF: SIX ROTARY
COMPASS REPEATER. INPUT: 115/1/60 AT 0.6		- SWITCHES FOR PHONE AND CH; ARE SPST DOO
AMPS AND 38 WATTS. SIMILAR TO 23307 Except for Several improvements in Elec-		SWITCH, FOR HIGH VOLTAGE INTERLOCK; AND TWO PUSH BUTTON STATIONS FOR PLATE ON-
TRICAL & MECHANICAL DESIGN.	The second of th	OFF.
1/13/43 CBM:391A CBM:SK-5384 AUG 43 ALT 0		3/i/43 CFT:106A CFT:F-26670-14
CBH 23350 QCS-1 QCT-1	ccs 23352 PH	cc-23358 sm
REMOTE CONTROL UNIT (FOR HOIST-TRAIN): CONTAINS A 90 VOLT STEP-	STEPBACK-BRAKE CONTROL UNIT: USED TO CONTROL THE OPERATION OF	POWER CONTROL UNIT:
	THE REPRODUCER STEPBACK AND TURNTABLE	CONSISTS OF RELAYS, RESISTORS, SWITCHES TRANSFORMERS, LIGHTS, ETC., TO CONTROL
BY-STEP KOTOR FOR CONTROL OF DYNAMO	BRAKING HECHANISM OF NAVY TYPE CCS-67008	AND INDICATE SM OPERATION.
ELECTRIC AMPLIFIER UNIT THROUGH THE CON-	REPRODUCE UNIT FROM REMOTE POSITION. IN-	
ELECTRIC AMPLIFIER UNIT THROUGH THE CON- Trol amplifier. This unit also includes	CLUDES 10 FT CABLE TERMINATED IN A 4	
ELECTRIC AMPLIFIER UNIT THROUGH THE CON- TROL AMPLIFIER. THIS UNIT ALSO INCLUDES THE CONTROL AMPLIFIER BEARING AND GYRO- REPEATER ASSENBLY HOIST AND LOWER PUSH	CLUDES 10 FT CABLE TERMINATED IN A 4 PRONG PLUG NAVY TYPE CJC-49253. MECH-	
ELECTRIC AMPLIFIER UNIT THROUGH THE CON- TROL AMPLIFIER. THIS UNIT ALSO INCLUDES THE CONTROL AMPLIFIER BEARING AND GYRO- REPEATER ASSENBLY HOIST AND LOWER PUSH 1/14/43 CGM:7572 CBM:60174 ALT 1	CLUDES 10 FT CABLE TERMINATED IN A 4 PRONG PLUG NAVY TYPE CJC-49253. MECH- 2/4/43 CCS:8-381A CCS:A-E-14	
ELECTRIC AMPLIFIER UNIT THROUGH THE CON- TROL AMPLIFIER. THIS UNIT ALSO INCLUDES THE CONTROL AMPLIFIER BEARING AND GYRO- REPEATER ASSENBLY HOIST AND LOWER PUSH	CLUDES 10 FT CABLE TERMINATED IN A 4 PRONG PLUG NAVY TYPE CJC-49253. MECH-	3/1/43 HL-7351462-CI P-7765367 REV MAY 45
ELECTRIC AMPLIFIER UNIT THROUGH THE CON- TROL AMPLIFIER. THIS UNIT ALSO INCLUDES THE CONTROL AMPLIFIER BEARING AND GYRO- REPEATER ASSENBLY HOIST AND LOWER PUSH 1/14/43 CGM:7572 CBM:60174 ALT 1	CLUDES 10 FT CABLE TERMINATED IN A 4 PRONG PLUG NAVY TYPE CJC-49253. MECH- 2/4/43 CCS:8-381A CCS:A-E-14 AUG 43 CCS23352	
ELECTRIC AMPLIFIER UNIT THROUGH THE CONTROL AMPLIFIER. THIS UNIT ALSO INCLUDES THE CONTROL AMPLIFIER BEARING AND GYRO-REPEATER ASSEMBLY HOIST AND LOWER PUSH 1/14/43 CBM:757Z CBM:60174 ALT 1 AUG 43 CBM 2 3 3 5 0 BUTTONS, START STOP CONTROL AND OTHER	CLUDES 10 FT CABLE TERMINATED IN A 4 PRONG PLUG NAVY TYPE CJC-49253. MECH- 2/4/43 CCS:8-381A CCS:A-E-14 AUG 43 CCS23352 ANICALLY SIMILAR TO NAVY TYPE CCS-23345	MAY 4'S CG-23358-A SM-1 POWER CONTROL UNIT:
ELECTRIC AMPLIFIER UNIT THROUGH THE CONTROL AMPLIFIER. THIS UNIT ALSO INCLUDES THE CONTROL AMPLIFIER BEARING AND GYROREPEATER ASSEMBLY HOIST AND LOMER PUSH 1/14/43 GBM:757Z GBM:60174 ALT 1 AUG 43 CBM:23750 BUTTONS, START STOP CONTROL AND OTHER MISCELLANEOUS CONTROLS, SIMILAR TO TYPES	CLUDES 10 FT CABLE TERMINATED IN A 4 PRONG PLUG NAVY TYPE CJC-49253. MECH- 2/4/43 CCS:8-381A CCS:A-E-14 AUG 43 CCS23352	MAY 4'S CG-23358-A SM-1 POMER CONTROL UNIT: SAME AS BASIC NUMBER EXCEPT SUBSTITUTION
ELECTRIC AMPLIFIER UNIT THROUGH THE CONTROL AMPLIFIER. THIS UNIT ALSO INCLUDES THE CONTROL AMPLIFIER BEARING AND GYRO-REPEATER ASSEMBLY HOIST AND LOWER PUSH 1/14/43 CBM:757Z CBM:60174 ALT 1 AUG 43 CBM 2 3 3 5 0 BUTTONS, START STOP CONTROL AND OTHER	CLUDES 10 FT CABLE TERMINATED IN A 4 PRONG PLUG NAVY TYPE CJC-49253. MECH- 2/4/43 CCS:8-381A CCS:A-E-14 AUG 43 CCS23352 ANICALLY SIMILAR TO NAVY TYPE CCS-23345	MAY 4'S CG-23358-A SM-1 POWER CONTROL UNIT:

DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR ON SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION
* 23359 MK19 POWER CONTROL UNIT: CONTAINS NECESSARY CONTROL SWITCHES FUSES ETC. FOR OPERATION OF EQUIPMENT ALSO INCLUDES A FILAMENT TRANSFUMALE. * CLY.CMW	CW-23364 SINCE THIS UNIT CONSISTS PRIMARILY OF TEST CONTROL KEYS AND PATCHING JACKS, THE POWER CONSUMED BY IT IS INSIGNIFI- CANT.	CRR 23367 NXSS-23012 SELECTOR CONTROL UNIT: INPUT 1107/160, 60 W. INCLUDES RECTIFIF AMPLIFIER, OSCILLATORS, TELEPHONE RING CHANNEL SELECTOR SWITCH, RADIO/10 SWIT SENDS EITHER 210 & 250 CYCLES OR 250 & 250 CYCLE IMPULSES TO CONTROL NAYY IYP
3/5/43 CW:0-151349 CW:8X-21952 DEC 44 ISSUE 1		4/24/43 CRR:A112001 AUG. 44 CRR:OAR-96152
CLY MK 34 HOD 384 CN-23359-A RADAR CONTROL UNIT (POWER) MK3 MODI CONTAINS NECESSARY SNITCHES, FUSE, ETC. FOR OPERATION OF EQUIPMENT. ALSO IN- CLUDES FILAMENT TRANSFORMER. SIMILAR TO TYPE -2359 EXCEPT ONE TOGGLE SWITCH HAS BEEN ADDED TO CONTROL OPERATION OF 10/6/44 D-152812 BX-25549 MAR. 45 ISS 1	CH-23364-A AN/FGC-18 CONTROL PANEL: KEY, METER AND JACK PANEL, MOUNTS OPER- ATING AND TESTING KEYS AND JACKS. ALSO INCLUDES DC METER WHICH OPERATES FROM OUTPUT OF NAVY TYPE CH-60061 TO GIVE AN INDICATION OF THE TWO CARRIER FRE- OUENCLES. SAME AS NAVY TYPE -23364 EX- 5/7/45 JUN. 45	CRR 23367 CRR-23368 SELECTOR UNIT.
CLY CH-23359-A CH-24AAF. HAVE GUIDE SWITCHING UNIT. ELECTRICALLY & HECHANICALLY INTERCHANGE- ABLE WITH TYPE -23359.	CM-23364-A CEPT INCLUDES A SWITCH FOR NARROW BAND OR WIDE BAND OPERATION.	CRR 23368 NXSE-28012 SELECTOR UNIT: INPUT 24 V DC. RECEIVES IMPULSES FROM NAVY TYPE CRR-23367 TO SELECT CHAMBLES AND CONTROL OPERATION OF ASSOCIATED RE CEIVERS AND TRANSMITTERS (SIG CORPS TY SCR-573 XMTR AND SCR-574 REC.).
		4/24/43 CRR:OAR-96072 AUG. 44
COL 23360 TCC-4 REMOTE CONTROL UNIT: INPUT 11: V. SINGLE PHASE, 25 TO 60 CYC. APPROX. 60 MATIS. CONTROLS OPERATION OF TRANSMITTERFROM REMOTE POSITION. II- CLUDES MICROPADME PREAMPLIFIER AND RELAY TO DISABLE RECEIVER DURING TRANSMISSION PERIODS. WEIGHT 50 POUNDS.	CW - 23365 NXSS-20953* KEYER CONTROL UNIT: USED TO CONVERT THE "NARK" AND "SPACE" SIGNALS LEAVING THE DETECTORS NAVY TYPE CM-50133 AS DC PULSES TO NEGATIVE VOLT- AGES FOR "MARKING" SIGNALS AND LITTLE OR NO VOLTAGE FOR SPACES. INCLUDES RECT: FIER	CBY 23369 ATA-3 TRANSMITTER REMOTE CONTROL UNIT: HAS RECEPTACLES FOR INTERCONNEC- TION TO MODULATOR, HAS "TONE-CW-VOICE" CONTROL, SWITCH TO SELECT ONE OF FOUR TRANSMITTERS, TRANSMITTER POWER "ON-OF SWITCH,
3/19/45 177G-5 172A-1	*(AH/FGC-1A) CM:X-61790F-1 4/1/43 CM:X-61790F-1 185. 1. CM:8- AUG. 44 LIST 1 405449. ISSUE 2	4/29/43 JUNE 43
CBM 23361 QCP-1 REMOTE TRAINING CONTROL UNIT: CONSISTS OF A BEARING REPEATER SYNCHRONOUS GENERATOR, AND A LEFT-RIGHT PROJECTOR TRAINING SWITCH WHICH OPERATES 2 RELAYS PROVIDING FOR REVERSAL OF TRAINING MOTOR. THE CENTER POSITION IS OFF. INPUT 115/1/60 AT 3.8 AMPS. 3/2//43 757X SK-5494 AUG 43 ALT 0	CW-23365 TO OPERATE FROM 108 TO 132 V, 1 PHASE, 50 TO 60 CY WHICH FURNISHES THE REQUIRED NEGATIVE VOLTAGES. SUPPLIES FILAMENT PO-ER FOR NAVY TYPE CH-50136 RECEIVER CONTROL UNIT.	CBM 23370 - A QBE-SA TEMOTE TRAINING CONTROL-UNIT: 10/16/43 NOV- 43
CNY 23362 PC RE-8948A CONTROL UNIT:	RMM 23366 TCS SERIES RE 13A838A REMOTE CONTROL UNIT: RE 23F 216 CONTROLS OPERATION OF TRANSMITTER. RE- CEIVER AND INTERPHONE AMPLIFIER. HAS 2 PHONE JACKS AND 2 MICROPHONE JACKS (600 OMMS IMPEDANCE) SAME AS -2355 EXCEPT DOES NOT INCLUDE SPEAKER AND SPEAKER DE- TAILS AND IS SMALLER. LEADS TERMINATE IN 4/3/43 MAR. 44	CBM 23370 - A QBE-3a REMOTE TRAINING CONTROL UNIT INCLUDES SYNCHRONOUS GENERATOR THAT DE YELOPS DISPLACEMENT VOLTAGE MHICH WHEN AMPLIFIED IN THE TYPE -2022S CONTROL RECTIFIER CONTROLS THE TRAINING MOTOR THE HOIST TRAIN UNIT. ALSO INCLUDES BEARING REPEATER DIAL AND A TRAINING 10/16/45 DEC. 44
CIA 23363 RBF-I ANTENNA SHITCHING UNIT: FOR SHITCHING ANTENNA TO EACH OF 10 RE- CEIVERS.	RMM 23366 LUGS AND NOT CONNECTOR PLUG (7 LEADS).	CBN23370- PONER ON THE SWITCH. DOES NOT INCLUDE INDICATOR LAMPS. SIMILAR TO TYPE - 2357 EXCEPT THAT DUAL RELATIVE BEARING SCAL IS REPLACED BY A SINGLE SCALE.
3/31/43 CIA:D5495.18 HAY 43		
CM-23364 NX99-20953* CONTROL PANEL: KEY METER AND JACK PANEL. MCUNTS OPERA- TING AND TESTING KEYS AND JACKS. ALSO INCLUDES DC METER WHICH OPERATES FROM OUTPUT OF NAVY TYPE CM-60061 TO GIVE AN INDICATION OF THE TWO CARRIER FREQ'S **ANYFEC-1A	CHX-23366-A TCS SERIES *SEE BELOW REMOTE CONTROL UNIT SAME AS BASIC NUMBER EXCEPT CASE IS SLIGHTLY THICKER AND THE BOX HAS BEEN WATERPROOFED. LECTRICALLY & MECHANICAL- LY INTERCHANGEABLE. *RE 13A 838A, PLUS ADDEND. #1; RE 23F216	CAN 23371 QGB KEYING UNIT: THIS UNIT PERFORMS TWO FUNCTIONS: I. CONTROL OF SIGNAL LENGTH WITH AUTO- MATIC RANGE VARIABLE FEATURE 2. KEYING FREQUENCY FOR USE OF THE EQUIPMENT IN ROUTINE SEARCH. OVER ALL DIMENSIONS AR **GAM_SOS52_ALI O
	3/18/44	5/21/43 CRV:W-306398-

DESIGNATION	FIRST ASSIGNED FOR	OR SPECIFICATION		DESIGNATION	FIRST ASSIGNED FOR	OR SPECIFICATION		DESIGNATION	FIRST ASSIGNED FOR	ON SPECIFICATION
	,	CAN 23 371			:	CBN 23372 - (В			T on a section
6"X8-1/2"X6	-3/4". RANGES	3000/5000 YAR	05.			PEED GYRO RATIO)	CFL 23378	MN-4 itrol unit:	
						EXCEPT INCLUDE ES IN AMPLIDYME			F: POWER ON-OF	F SWITCH; RE-
				AMPLIFIER.					TRANSMIT PILOT	
								ASSEMBLIES	. CONTROLS TYP	
								MITTER RE	EIVER.	
								6/28/43	564-C	1564-4
								HOY. 43		
CAN- 23371		, S		cu- 23373	*(AN/FGC-1	.)				
KEYING UNIT:	RFORMS TWO FU	NCTIONS: (1)		KEYER COUP	LING UNIT:			CJJ 23379	OAU CONTROL UNIT:	
CONTROL OF S	IGNAL LENGTH	WITH AUTOMATIC			DUPLING NAVY T'	PPE CW-35031 IT TO NAVY MODE			ER TOP OF -102	30 HOUSING SO
	E OF THE EQU	:) KEYING FREQ- I(PMENT IN			BC-3 RADIO TRA		7		RS CAN BE READ The housing. H	
ROUTINE SEAR	CH. OVER ALL	DIMENSIONS ARE						TEMDING T	ROUGH WATERTIG	HT PACKINGS IN
7/31/44	X 6 3/4". RAN	GE 1000, 2000	4		CHASE: NX 53-20				ISING SO AMPLIF ROM OUTSIDE THE	
FEB. 45				6/3/43 C:	W:X-61790L1	CH:X-61790L1-L B-405452 ISS.			W:ASO-33575	CW:ASO-34063
						703102 1551		HAR, 44		ISSUE 2
		CAN- 23371	- A	cu · 23374	*(AN/FGC-1	1)				
	SAME AS 23371			KEYER COUP	LING UNIT:			HAS FON-O	FF" SWITCH, GAI	CW: 23379
NE3131UK COM	NECTIONS. AND	. RANGES.			DUPLING NAVY T SHIFT KEYER UN	PE CH-35031 IT TO NAVY HODE	1		AND A MILLIAME	
					BC RADIO TRAI			V 10 10 10 10 10 10 10 10 10 10 10 10 10		. *
							1. 7			
					CHASE: NX sg - 209		e to skill			198 12.84
						CW:X-61790P1-L B-405471 ISS.		Note: 1		
				AUG. 44 L		- 7004/1 1337		et i perior		
CBN 23372	QCS-1 QCT-1			CJJ 23375	OAS			:		
REMOTE CONTR	OL UNIT (FOR			AMPLIFIER	CONTROL UNIT:			CEJ 23390		
	: INCLUDES T EARING AND GY				N WATER-TIGHT				73/60. SUPPLIES	FILAMENT POW
ASSEMBLY, HO	IST AND LOWER	PUSH BUTTONS.			ION ON DECK OF N INVERTER FOR			10 P.A. T	BES THROUGH ST	EP-START CIRC
	ONTROL AND OT	HER MISCELL. Types 23235 An	n	12 V DC PO	WER TO 110 V S	INGLE PHASE 60			10\$1 OF CONTROL Joing Rectifier	
23350 EXCEPT	DOES NOT INC	LUDE EITHER A	-			FIER REMOTE GAI VOLTAGE METER,		AND THERM	AL OVERLOAD CIR	CUIT BREAKERS
5/24/43 CBM SEPT 43		CBM:60174 ALT 1		6/7/43 C	W:ASX-33522	CW: ASO - 33517	160		ER ALSO INCLUDE Cry:mi-7252C	P-718828
		AC. 1		NOV. 43		ISSUE		AUG. 44		SU8 0
		CBM 23372				64-0777F				
STEP-BY-STEP	MOTOR OR SYN	CHRONOUS MOTOR		AMPLIFIER	OUTPUT SIGNAL	CW-23375 POWER METER,		· ·		CEJ23380
				DEPTH GAUG	E TO INDICATE	HOUS ING			ING CONTACTOR A	NO KELAT COILS
				(0#-10216)	DEPTH, ON-OFF	3# / / UT +				
		•					1800			
		*								
								45.		
	A QCS-1a,QCT-	ta		23376		JSE RE 13A 797A		CAY 2333	TDE-1	CAY:P-771
REMOTE CONTR (FOR HOIST-T		VY TYPE -23372			PHONE CONTROL				NTROL UNIT:	
MODIFIED BY	ADDING A 5 PD	T. A 115/78				FOR CONTROLLING PHONE TRANSMIT-		SAME AS -	23305 EXCEPT 1.	
		. A 39-10 MFD/ Enance of true		TERS THROU	GH SELECTION O	F THE PROPER			INC DIE CASTING ALL COMPONENT P	
BEARING (MT) ON A 36 SPE	ED GYRO RATIO			RCUITS BY MEANS G THE DESTRED	S OF SWITCHES Control circuit	s	ON PANEL.	WHICH IS REMOV	ABLE. REAR
SYSTEM. SAME 11/1/43	AS -23372-B	EXCEPT DOES NO	Т	TO THE OPE			Alkania.		PLATE IS ELIMIN Tekminal board	
11/1/43 10V+ 43				6/16/43 SEPT 43				7/8/43	DL-7502437. C·5	CAY:P-771061
								SEPT 45		REV O
		CB#23372-A		COL 23377	TDO					
	BOX. ALSO, -	23372-B HAS		REMOTE CON	TROL UNIT:			TO PROVID	E 4-6 WIRE CONT	CAY 23 331
MINOR WIRING Amplifier.	CHANGES IN T	HE AMPLIDYNE		INPUT: 115	/1/50 TO 60, 29	WALLS, 0.85 P	F		NGED TO SMALLER	
1 1 CR +				KEYING AND	CHANNEL INDIC					
				FUNCTION U	P TO DISTANCÉS	WHICH DO NOT				10 30 44.
				NOT HAVE A	LOOP RESISTAN	HE CABLE AND DO CE IN EXCESS OF				
				6/22/43 C	OL:177G-8	COL:2575A				
				NOV. 43						and the same
CBN 23379-	B QCS-1a,QCT-	18				COL 23377		40 2772	O 1101-0	
REMOTE CONTR	OL UNIT				UNIT IS RACK	MOUNTED.		CBM 2338	2 WCA-2 REMOTE CONTROL	
(FOR HOIST-1	RAIN): NA	VY TYPE -23372		SIMILAR TO	TYPE -23351 E	CEPT HAS DYNA -		. UNIT: IN	CLUDES LOUDSPE	
	ADDING A 5 PD 25 WATT TRAN	T SWITCH, A SFORMER, A 30-			D OF CARBON MI LK CIRCUIT REL	CROPHONE, HAS N AY, AND HAS	U		STENING SYSTEM	
10 MFD/PHASE	CAPACITOR. N	IINOR WIRING			TERMINAL ARRAM				OJECTOR BEARING E FOR JK. 180°	
	HE AMPLIDYNE X FOR MAINTEN	AMPLIFIER AND	A					TYPE -232	79 EXCEPT THAT	THE BEARING F
I, JO UEAK BI	A FUR MAINIEN	HAVE OF TRUE				1. N. S.			TOR MAY ONLY BE	E SWITCHED ON CBM:60096 AL
11/1/43										
11/1/43 NOV. 43		[ASSIGNED ISSUED			`. l	ASSIGNED	SEPT 43		

HAYY TYPE DESIGNATION NAVY DRAWING

FIRST ASSIGNED FOR

FIRST ASSIGNED FOR ON SPECIFICATION

HAYY TYPE

FIRST ASSIGNED FOR OR SPECIFICATION

MAYY TYPE DESIGNATION

CBM 233332		
OFF AND CANNOT BE TRANSFERRED FROM	CAN- 23387 QFA-3	CBM 23389 - A SF-1
"SOUND MG" TO "SHIPS AC".	SS STEERING STAND	TONING CONTROL UNIT
	IDENTICAL IN APPEARANCE TO CAN-23266-A HELMSMAN'S STAND BUT STEERING WHEEL IS	CONSISTS OF A RESONANCE INDICATING METER
	REPLACED BY A KNOB FOR CONTROL OF RUDDE	R A SWITCH WHICH CONTROLS A TUNING MOTOR
	ANGLE. COMPLETE CONTROL OF SUBMARINE	" IN THE ANTENNA ASSEMBLY, AND PROVISIONS FOR A PILOT LAMP FOR THE TUNING MOTOR
	MOTION AND REPEATING OF ALL INFORMATION	(DOES NOT INCLUDE LAMP), SAME AS -23389-
그는 그는 그들은 사람들이 되었다. 그렇게 하는	WITH RESPECT TO SOUND BEARING AND SUB-	EXCEPT HAS PROVISIONS FOR A 110V. 6 WATT
그 집 그 그래, 집 다른 생활하다 하다. [1	8/3/43 811944 MAR. 44 REV 0	1/13/44
	HAR. 44 REV O	MAR. 44
CBN 23332-A WCA-2		
TRAINING REMOTE CONTROL	CAN- 23387	CBM 2 3 3 3 9 - A
UNIT: INCLUDES LOUDSPEAKER OF THE RANG- ING OR LISTEHING SYSTEM. HAS TWO INDICES	MARINE HEADING IS PROVIDED. A SHITCH ON	TAMP AND HAS OUT MED CAPACITOR ADDED.
ON THE PROJECTOR BEARING DISC. ONE FOR	THE OPTICAL PROJECTOR CONTROL PAREL PRO	CHANGE MADE IN TERMINAL BOARD.
QC AND ONE FOR JK 180° APART. SAME AS	VIDES FOR TRANSFER OF SUBMARINE CONTRO)L
TYPE -23279 EXCEPT THAT THE BEARING RE-	FROM THIS UNIT TO THE OPTICAL PROJECTOR INTERNALLY THIS UNIT DIFFERS FROM	
PEATER MOTOR MAY ONLY BE SHITCHED ON OR	CAN-23266-A; INCLUDES SOUND EFFECTS	
7/8/43 CGM:757AA CBM:60096 ALT 2	GENERATORS.	
SEPT 43		그는 생생님은 그는 그는 일반 회사를 받는다.
그 그 그 그 가게 되는 요요 그는 그림을 가는 생각하는		
CBM23382-A		
OFF AND CANNOT BE TRANSFERRED FROM	CAN 23387 - A QFA-5	수는 그 사람들은 그 사람들이 가득하다.
"SOUND MG" TO "SHIPS AC". SAME AS TYPE	S S STEERING STAND	CW 23390 OBC
-23382 EXCEPT QC INDEX IS NOT MARKED.	SAME AS 23387 EXCEPT (1) HYDROPHONE	RECEIVER CONTROL UNIT
	GENERATOR REDESIGNED TO SIMPLIFY THE	CONSISTS ESSENTIALLY OF THREE MOTOR-DRIV
	CIRCUIT AND IMPROVE THE QUALITY OF THE	CAMS & THREE RELAYS SO ARRANGED AS TO CONTROL THE MOVEMENT OF THE PAPER IN THE
	SOUND GENERATOR (2) A CHANNEL IS PRO-	RECORDING METER TO TRANSF. THE METER FRO
	VIDED FOR HEARING SHIP'S OWN SCREWS IN	THE RECEIV AMPLIF DET. CIRC. TO THE
	SHIP'S SOUND EQUIPMENT: (3) ATTENUATOR 6/2/44 811944	OTHE & TO TIME THE DISCHARGE OF EA. CIRC
	\$11944 SEP1- 44 REV 0	6 8/19/43 X-63637C-1 CH:X-63637F-1
그 이 그리고 아니지 게 함께하는 사람들이 없다.	A CANADA	NOV. 43
CG- 23383 SM-1 17C10		
COSTROL PAHEL:	CAN 23387 -	CACS 23391 *SEE BELOW
CONSISTS OF A VOLTAGE REGULATOR, EXCITER	UNIT IS REDESIGNED. MECHANICALLY &	DEMOTE CONTROL ACCEMBLY
FIELD RHEOSTAT, MOTOR FIELD RHEOSTAT,	ELECTRICALLY INTERCHANGEABLE WITH -2338	CONSISTS OF -29227 RELAY UNIT, AND
USED WITH TYPE CG-211068 MAGNETIC CON-		-23398 REMOTE CONTROL UNIT AND SPARE
TROLLER TO START, STOP AND PROTECT THE		PARTS (SPARE JACK COVERS, BINDING POSTS)
CG-211065 HOTOR-GENERATOR SETS.		
7/15/43 CG:11K247 CG:14-8283502		***************************************
SEPT 43 REV O	and the state of t	*FOR USE WITH TCS AND MZ
of the same of the same at the same of the same of	ra ratus (1886). Mais de 🐉 d	8/24/43 MAR. 44
AAL 07704 TOURS OF STREET		nan. **
COL 23384 TDH-3	044.277.07 - 0.54 - 0	
RENOTE CONTROL UNIT:	CAN-23387-B QFA-6	CDE - 23392 YC-3
INPUT: 115/1/50 OR 60, 52 WATTS, 0.86PF INCLUDES POMER SUPPLY, AUDIO AMPLIFIER	SS STEERING STAND	CONTROL UNIT
AND RECEIVER DISABLING CORD. CONTROLS	PROVIDES FOR COMPLETE CONTROL OF SUBMA- RINE MOTION AND REPEATING OF ALL INFOR-	
COL-52291 TRANSMITTER. AMPLIFIER GAIN	MATION WITH RESPECT TO SOUND BEARING AT	MENT. STATEAR TO COE-23244 EXCEPT DUES
IS 4508 AND FREQUENCY RESPONSE IS WITHIN	SUBMARINE HEADING. SWITCH ON THE OPTICA	AND INCLUDE COMMUNICATIONS RECEIVER AND
±1.5D8 BETWEEN 150 AND 3500 CYCLES.	PROJECTOR CONTROL PANEL PROVIDES FOR	UNIT IS ENTIRELY REDESIGNED.
7/17/43 COL:177G-9 COL:1962B	TRANSFER OF SUBMARINE CONTROL FROM THIS	S of the second
- SEPT 43 1일의 10 [경공인] 첫 국민은 11 [1]	10/31/44 811944	8/26/43 CDE:B-18 78A
그 그 그 이 이 사람이 그리고 싶었다. 이 시간에 되었다.	MAR. 45 REV O	NOV. 43
CAN- 23385 QFA-3		
TRUE BEARING FOLLOWER UNIT	CAN-23387-	B 01 03703
CONSISTS OF A 5G SYNCHRO AND A 5000 OHM	UNIT TO THE OPTICAL PROJECTOR. SAME AS	W# - 27737 VK
POTENTIOMETER IN A 6" X 7" X 9" BOX.	-23387-A EXCEPT FOR (1) MINOR ALTERA-	SWITCHING UNIT
SYNCHRO IS ROTATED BY A KNOB AND IS	TIONS IN HYDROPHONE SOUNDS GENERATOR (2	
COUPLED TO THE TRUE BEARING FOLLOWER LINE AND VARIOUS OTHER SYNCHROS FOR	BEARING ATTENUATION WILL BE MODIFIED BY	IN UNIT.
SYNTHESIZING HYDROPHONE EFFECT AND FOR	ADDITION OF A "SIGNAL SPLITTER".	
8/3/43 811942		
MAR. 44 REV O		8/26/43
그는 그는 그리고 있는데 그 이 그렇지 않는데 없는다.		NOV. 43
CAN- 23385	그 물론이 마음하다라니다. 나타나라 시다른 하다라.	
BEARING DEVIATION INDICATION. POTENTIO-	CAN-23388 QFA-3	
METER IS USED FOR RANGE ATTENUATION.	SOUND CONTROL UNIT	CW-23394 JS. CXEM
CONNECTS TO OPTICAL PROJECTOR BY 20 FOOT	SAME AS CAN-23344 EXCEPT FOR ADDITION (OF SELECTOR UNIT
CABLE.	CATHODE RAY TUBE FOR BEARING DEVIATION	
그는 그는 이 그는 사람이 많아서 그렇게 살 하지 않는 것이 없었다.	INDICATION. INDICATOR CONTROL CIRCUIT	
그 그는 그 이 나는 이에 되어 있을 때 불만 되는 물병을 받았다면 보다	BEEN SIMPLIFIED TIME-VARIATIOM-OF-GAIN	
그리는 이 그는 항 살아왔다. 하지 않아 그렇게 하는	HAS BEEN ADDED TO THE RECEIVER - AMPLIFIE	
	CHANGES HADE IN WIRING OF AMPLIFIER.	
	8/5/45 MAR. 44 REV 0	8/30/43 CW:ESO-667181
	ALT V	NOV. 43
	기계에 남아 없는데 그들만 다 먹는 생활이다.	
CAN 23386 QFA-3	CBM-23339 SF-1	CH-23395 AN/FGC-1A
SS SOUND CONTROL UNIT	TUNING CONTROL BOX	KEYER COUPLING UNIT:
	CONSISTS OF A RESONANCE INDICATING METE	F. USED FOR COUPLING NAVY TYPE CH-35031
EXTERNALLY IDENTICAL TO CAN-23344 SOUND	A SWITCH WHICH CONTROLS A TUNING MOTOR	FREQUENCY SHIFT KEYER HALT TO MAVY MODEL
CONTROL UNIT EXCEPT FOR OMISSION OF	IN THE ANTENNA ASSEMBLY, AND PROVISION	S TBA-10 RADIO TRANSMITTER.
CONTROL UNIT EXCEPT FOR OMISSION OF VARIOUS CONTROLS AND SUBSTIT OF LEVER		
CONTROL UNIT EXCEPT FOR OMISSION OF VARIOUS CONTROLS AND SUBSTIT OF LEVER FOR TRAINING HANDWHEEL. INTERNALLY RANGE	FOR A PILOT LAMP FOR THE TUNING MOTOR.	
CONTROL UNIT EXCEPT FOR OMISSION OF VARIOUS CONTROLS AND SUBSTIT OF LEVER FOR TRAINING HANDWHEEL. INTERNALLY RANGE INDICATOR, REMOTE CONTROL AND RECEIVER		
CONTROL UNIT EXCEPT FOR OMISSION OF VARIOUS CONTROLS AND SUBSTIT OF LEVER FOR TRAINING HANDWHEEL. INTERNALLY RANGE	FOR A PILOT LAMP FOR THE TUNING MOTOR. (DOES NOT INCLUDE LAMP).	01/43
CONTROL UNIT EXCEPT FOR OMISSION OF VARIOUS CONTROLS AND SUBSTIT OF LEVER FOR TRAINING HANDWHEEL. INTERNALLY RANGE INDICATOR, REMOTE CONTROL AND RECEIVER AMPLIFIER HAVE BEEN REDESIGNED. 8/3/43 811943 MAR. 44 REV 0	FOR A PILOT LAMP FOR THE TUNING MOTOR. (DOES NOT INCLUDE LAMP). 8/5/43 944 C8M:SK-5682 NOV. 43	9/1/43 CN:X-61790RI CN:X-61790RI-L
CONTROL UNIT EXCEPT FOR OMISSION OF VARIOUS CONTROLS AND SUBSTIT OF LEVER FOR TRAINING HANDWHEEL. INTERNALLY RANGE INDICATOR, REMOTE CONTROL AND RECEIVER AMPLIFIER: HAVE BEEN REDESIGNED. 8/1/45	FOR A PILOT LAMP FOR THE TUNING MOTOR. (DOES NOT INCLUDE LAMP). 8/5/43 944 C8M:SK-5682 NOV. 43	9/1/43 CW:X-61790RI CW:X-61790RI-L ASSIGNED AUG. 43 LIST I B-403544-1

DESIGNATION FIRST ASSIGNED FOR MANY DRAWIN	MAYY TYPE FIRST ASS	GHED FOR OR SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION
CBM 23396 #SEE BELOW	coq- 23403 NXs	r-39200	
LOCAL TRAINING CONTROL UNIT	LINE CONTROL HRIT		CNT - 23409 QBH
CONSISTS OF A -24263 TRAINING SWITCH	1 I'GED EOD CONNECTI	NG A TELEGRAPH PRINTER	TRAINING CONTROL UNIT INPUT: 115/1/60, 100 WATTS. INCLUDES
24262 STOP START SWITCH, AND A GENER PILOT LAMP, ALL MOUNTED IN A FABRIC	ATED TO LINE FOR NEUTR		INTERNAL MOTOR RECTIFIER DESIGNED TO
CASE.	FOR COMPROLLING I	HE LINE CURRENT. OVERALL	MOUNT IN CONSOLE WITH DRIVER AND RE-
NX83 31867	DIMENSIONS 8 1/4"	X 0 X 0 3/8 .	CEIVER. BY MANUAL OPERATION OF A HAND-
*AUCESSORY FOR WCA			WHEEL ON THIS UNIT THE WATERSTATION
9/18/43 982 SK-5982 MAR. 44 ALT O	11/6/43 (SIG: CO	RPS) SC-D-8701-D	MIRROR MAY BE ROTATED OR TILTED INCLUDES 9/30/43 GU-1650 8216
HART TY	DEC. 44 BE-77A		AUG. 44
CFL 23397 MAC	coq- 23403-A N	Xsr-69273	cut - 23409
REMOTE CONTROL UNIT CONSISTS OF PROVISIONS FOR FOUR INDI	LINE CONTROL UNIT	:	AZIMUTH AND VERTICAL TILT INDICATOR.
CATING LAMPS, THREE SWITCHES, A 12	OSED FOR CONNECTI	NG A TELEGRAPH PRINTER	AZINON AND IZNITORE THE THEORY
CIRCUIT AND A 4 CIRCUIT RECEPTACLE E		AL OPERATION AND FOR INE OPERATION. OVERALL	
CLOSED IN A BOX.		" X 6" X 6 3/8"- SAME	
		IS MOISTURE AND FUNGEES	
9/18/43 1542-C CFL:1542-3.		CATCH IS IMPROVED.	
NOV. 43 PRELIM.	0/11/44 DE-//-A	SC-D-8701-D	
•	NOV. 44		
0.00 27700 ACHEDAL HAS # OF 7740	••		
CACS 23398 GENERAL USE * RE 23A21 REMOTE CONTROL UNIT RE 92708	27404 064		COL- 23410 TCZ
RE 92/08	ANIENNA IRANSFER		REMOTE CONTROL UMIT
	30 X 30 JACKS, CO	NCENTRIC. SOLID	HAS FACILITIES FOR: EMISSION SELECTION.
	DIELECTRIC.	Record Mark	KEY JACK, TELEPHONE MICROPHONE JACK,
		and the second	START-STOP SHITCHING, CHANNEL SELECTION, HEADPHONE JACK, AND RECEIVER VOLUME
#EAD HEE WITH TAC AND -40337 RELAY .	WIT		CONTROL. INCLUDES BUILT-IN LOUDSPEAKER.
#FOR USE WITH TCS AND -29227 RELAY 6			SIMILAR TO -23330 EXCEPT HAS LOUDSPEAKER
MAR. 44	9/28/43	RA 49F241	10/12/43 314N-2 COL:K-1104C
	NOV. 43	and the second second	NOV. 43
000 07700 00 78			
CRP- 23399 SO-7M	23405 GEN	ERAL USE	CKB 23411 #SEE BELOW
POWER CONTROL UNIT UNIT HOUSES REMOTE CONTROL FOR START	ING ANTENNA TRANSFER		MIXER-CALIBRATOR UNIT
& STOPPING -73024 GASOLINE ENGINE GE	NE- IN X IN JACKS, CO	HCENTRIC, SOLID	INPUT: 110/1/60 0.5 AMPS, 50 WATTS. IN-
RATOR SET AND CONNECTING OUTPUT OF	DIELECTRIC.		CLUDES CRYSTAL OSCILLATOR FOR CALIBRATIN ASSOCIATED RECEIVER AT 4235 KC AND FIRST
EITHER 60 CYCLES ALTERNATOR TO RADAS			FOUR HARMONICS: INDICATING LIGHTS TO
EQUIPMENT. PROVIDES FOR CONNECTING TERNAL 115V 60 CYCLE 3 KVA POWER SOU			SHOW OPERATING RECEIVER, LEVER SWITCHES
9/22/43 WX-5626 CRP:22N-W38			FOR USE WITH RBN MXar-38318
DEC. 43 SUB C	9/28/43 NOV. 43	RA 49F242	11/26/43 NOV- 43
	NOT. 43		RUY. 43
222.677	50 07404		
CRP-233 TO EQUIPMENT. LINE VOLTMETER AND FRE			CK8 23411
QUENCY METER ON PANEL. 2 CAPPED FUSE			TO SELECT ANY RECEIVER OR ALL FIVE RE-
RECEPTACLES ARE PROVIDED SUPPLYING I		52.11.110, 502.15	CEIVERS AT ONCE; OUTPUT JACKS FOR HEAD- PHONES: PROVISIONS FOR FIVE INTERCONNECT
60 CYCLES POWER FOR SOLDERING IRON E	rc.		ING CABLES CONE EACH FOR THE FIVE RE-
HOUNTING HOLES 17/32" DIA.			CEIVERS). SAME AS -23273 EXCEPT HAS FIVE
	•		HEADPHONE OUTPUTS INSTEAD OF ONE AND
	9/28/43	RA 49F 243	USES NAVY APPROVED COMPONENTS.
	NOV. 43		
		그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그	
CRY- 23400 QGB	2340 7 GEN	ERAL USE	
TRAINING CONTROL UNIT	ANTENNA TRANCEED		CBH 23412 QGA
INPUT: 110/1/60, 600 WATTS, CONSISTS	OF 12 X 12 JACKS, CO		POWER CONTROL UNIT INCLUDES EQUIPMENT START-STOP SWITCH.
CONSOLE SHAPED HOUSING CONTAINING TH	E DIELECTRIC.		TRAINING POWER SUPPLY START-STOP SWITCH.
TRAINING CONTROL UNIT HANDWHEEL, OPE ING CONTROLS. BEARING INDICATOR AND			HOIST-LOWER SWITCH AND EIGHT INDICATING
FOR VIEWING THE BD! AND INDICATOR RA			LAHPS. SAME AS TYPE -23419 EXCEPT FOR
RECORDER.			TERMINAL PANEL ENGRAVING.
9/26/43 MI-16718 CRY:W-30680	7 9/28/43	RA 49F 244	1/20/43 9534 CBN:60345
NOV. 43 SUB 6	NOV. 43		FEB. 44 ALT 0
*			
CG- 23401 TBA-12. 13	CAIH 23408 #SE	F BFIOW	
REMOTE CONTROL UNIT	TRUE BEARING CONT		CBH- 23412-A QGA-I
STANDARD PUSH BUTTON STATION MODIFIE	D TO OPERATES FROM SHI	P'S GYRO COMPASS DUTPUT	POWER CONTROL UNIT:
INCLUDE A 6 POINT TERMINAL BOARD. HA	TO ROTOTIONEET	COMPENSATE FOR CHANGES	CANCELLED
NORMALLY OPEN "START" BUTTON, NORMAL OPEN "STOP" BUTTON, AND A SIGNAL LAN	- 0, 00, 11, 100, 11, 10, 11, 11, 11, 11,	G OF SHIP UPON WHICH TED AND TO INTRODUCE	· · · · · · · · · · · · · · · · · · ·
*CR-2940-2CD34A		INTO THE CONSTANT	
COVER 2245126G17, MODIFIED AS PER CG	DWG #FOR USE WITH YG		
9/26/43 *SEE ABOVE CG:747D2363	6 9/29/43 CRV:AS-5	795-G CRY:T-E11910 SUB(12/7/44 953C
NOV. 45 REV 1	NOV. 43 MODIFIED	H-427704 SUB 0	JAN. 45
RW- 23402 JR-2		CAIN 23408	COM 23413 OCA
RECTIFIER & SWITCHING UNIT	SPEED DRIVE OF TH	E ANTENNA CONTROL UNIT	CBM 23413 QGA CONTROL CONSOLE (WITH
	NAVY TYPE CRV-232	71. HAS PROVISIONS FOR	TILT CONTROL): INCLUDES CRO ASSEMBLY
	MANUAL CONTROL.		-55112 RECORDER, -23371 KEYING UNIT AND
			TRAINING CONTROL UNIT CONSISTING OF 3
			SYNCHRONOUS GENERATORS. CONTROL PANEL
			CONTAINS GAIN CONTROL POTENTIOMETER,
9/27/43			RANGE SELECTOR SWITCH, FLYBACK CONTROL 12/16/43 954A 60348
		[]	HAR. 45 ALT 0
MOY. 43	ASSIGNED	ASSIGNED	

MANNIACTURES

MANUFACTURER'S DESIGNATION

DATE

MANUFACTURER'S

DATE

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MANUFACTURER'S DESIGNATION

HAYY TYPE FIRST ASSIGNED FOR HAYY BRAWING OR SPECIFICATION	DESIGN ATION	FIRST ASSIGNED FOR	OR SPECIFICATION	DESIGNATION	FIRST ASSIGNED FOR	OR SPECIFICATION
cpu 9.7.4.1.7	cG- 234	.18 TDR		07/		054-10
CBM 23413 MECHANICALLY CONNECTED TO RECORDER, TIL	:	CHANNEL SELECTOR		CAN- 234	QFA-28	QFA-1C
CONTROL POTENTIOMETER.		UPPLY IS FROM TRA	ANSHITTER. FOR	ATTACK A	IDS ADAPTER:	ì
		NG I OF 10 PRESET	FREQUENCIES			3422 EXCEPT US
	FROM A 6	REHOTE LOCATION.				TERMINALS FOR
						(AIDS INSTEAD (LECTRICALLY INTI
					LE WITH -23422.	
		4MC37A1	P-7767203	4/8/44		
그리다는 뭐 가능한 것만들어 있는데 그들 가 속위	FE 8. 45		REY OS	JULY 44		
CBM- 23413-A QGA-I	CBH 234	19 QGA				
CONTROL CONSOLE (WITH		ONTROL UNIT			2-B QFA-5	
TILT CONTROL):		S EQUIPMENT START	STOP SWITCH,		IDS ADAPTER -23422 FXCFPT S	TEP MOTORS COIL
그는 그리는 것이 그들은 사람들은 모음이 없다.			ART-STOP SWITCH,		ED BETWEEN CATH	
CANCELLED	LAMPS. S	OWER SHITCH AND E Same as Type -234 L Panel Engraving	112 EXCEPT FOR	SWITCHIN	G TUBES AND GRO	UND.
12/7/44 9540	1/20/44	95 3 B	CBM: 60345	610144		811945
JAN. 45	FEB. 44		ALT O	6/6/44 AUG. 44		REV O
	07	440	and the following of			
CBM 23414 QGA		419-A QGA-1 ONTROLUNIT:			423 GEN RADIO) USE RE 9491A
CONTROL CONSOLE INCLUDES CRO ASSEMBLY, -55112 RECORDER,	TOWER C	JAIROL VALLE		RADIOPHO		
-23371 KEYING UNIT AND TRAINING CONTROL						CUITS FOR TELE- UPPLY 115 OR 23
UNIT CONSISTING OF 3 SYNCHOMOUS GEN-		CANCELLED		VOLTS AC	-DC. TELEGRAPH:	4 OR 6 HIRE C
ERATORS, CONTROL PANEL CONTAINS GAIN CONTROL POTENTIOMETER, RANGE SELECTOR	and the second				R START-STOP OF	
SWITCH, SAME AS -23413 EXCEPT HAS NO					TS AND TERMINAL ALL! SAME AS -2	LS FOR EXTERNAL 23211+B:
12/16/43 954B 60350	12/7/44		and the second	3/7/44	660	5-660-9
MAR. 45	JAN. 45			DEC. 44		
等40、100条 等层装件 300m(12) 新设		400				
CBN23414		420 NXsr-47415	•			23423
TILT CONTROL POTENTIOMETER.		ONE UNIT SED AS A STOP-GAR	P FOR NAVY TYPE			INASMUCH AS TH
		RADIO PHONE UNIT.			DIFFERENT CASE	-23420 EXCEPT
그 하시는 왕으로 생각되고 있다.		ELECTRICALLY OR ANGEABLE WITH TYS			ESIGN BUT NOT 1	
	#MY NAV	Y YARD SKETCH 252	ALT A	THICKOIL	NOCKOCC.	
	1/20/44		CAKA:RE-101			
그리고 그 사람들이 가는 가게 되고 있다.	AUG. 44		#SEE ABOVE			
그는 이 이 시작하는데 얼룩됐지만 뭐요?						
CBH- 23414-A QGA-1	CRV 234			CRV 234		
CONTROL CONSOLE:	UNIT:	TRAINING CONTROL INPUT: 115/1/6	O LOO WATTS.	MONITORI	NG PANEL	
CANCELLED			OWHEEL ON PANEL.			3.
		S 115/1/60. 35 WA				
그 그 이 그리는 이 얼마를 하게 했다. 그리다 .		G MOTOR. HANDWHEE Repeater movasle				
		S FIXED & INNER P		3.44		
12/7/44 9540	2/12/44		CRV:W-307012-3	3/9/44		e de la companya de l
JAN. 45	FEB. 44	an curi		MAR. 44		
그 등 그는 일이 본 시간을 가게 되는 것이다.						
CML 23415 JR-1			CRY 23421	CRV 234		
RECTIFIER & SWITCHING UNIT		BY A FLEXIBLE SHA		ANTENNA	PANEL	
RACK MOUNTED IN NAVY TYPE CDB-10300 HOUNTING RACK.		EAR HELMSHAN'S CO	DMPASS. SIMILAR Ent parts are re-			
			F SELSYNS REQUIRE			
	ADDITIO	NAL JACK & PLUG.				
12/29/43 02733 02904	Signal Color			3/9/44		
DEC. 44	aray bilandi ing l	智能 "春日期今		MAR. 44		
		00 00 0			0.6 (10	
CBN 23416 NEB	CAN 234	22 QFA-3. QF/	n-4	cw- 234	26 ^{UG} Trol unit	
TRAINING REMOTE CONTROL UNIT INCLUDES LOUDSPEAKER OF THE RANGING OR		S OF A CONTACTING	DEVICE FOR		LINE COILS, C	HANNEL BAND
ISTERING SYSTEM. HAS TWO INDICES ON TH		ON OF DRT (DEAD RE			VACUUM-TUBE-C	
PROJECTOR BEARING DISC. ONE FOR QC AND	AND ATT	ACK PLOTTER FROM		OSCILLAT	ORS. METER AND	TEST EQUIPMENT
ONE FOR JK. SAME AS -23382-A EXCEPT FOR		TEACHER, A CONVER	RSION DEVICE TO HRO SYSTEM OF THE		POSTS FOR CONNE GROUND LEADS.	
SIZE AND SHAPE OF CASE. ALSO HAS RED ILLUMINATION OF SCALE.		TO THE UNIT SPEE			LINE OPERATION	
1/4/44 767AC SK-5864	2/26/44		811945	3/17/44	X-66314B	
FEB. 44	MAR. 44		REV O	MAR. 44		
			04927400			
CG- 23417 UE-1	A TOPOU	F AMPLIFIED TO P	CAM 23422 RIVE THE AP & ORT	6	g sa which is a h	cw-23426
SYNCHRONIZATION CONTROL 100 KC BUFFERS AND PHASE SHIFTER AS WEL			RIVE THE AP. & ORT RDINATE MOTORS OF	CHANNELS	 A + K (2) 	
AS MECHANICAL SYSTEM USED FOR AUTOMATIC	THE TEA	CHERS. OPERATES I	FROM 115/1/60.	3 J		
STHEHRONIZATION BY FREQUENCY AND PHASE	POHER R	EQUIREMENT IS API		Attack Const		a. The state of
CORRECTION.	WATTS.					
				Anna Santa Carlo		
1/7/44 DL 4W419A FEB. 44	ASSIGNED		Г.,	SIGNED		

DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION HAVY TYPE DESIGNATION FIRST ASSIGNED FOR ON ATTECHER WING ON SPECIFICATION MAYY TYPE FIRST ASSIGNED FOR CN- 23427 CONTROL UNIT cw-23431 Q1B CANG-23436 GEN. USE TRAINING CONTROL UNIT:
CONSISTS OF BASE PLATE ON WHICH IS MOUNTED A COMMUTATOR TRANSMITTER, FOR TRAINING THE PROJECTOR IN AZIMUTH A MOTOR CONTROL UNIT
INCLUDES FILTERS FOR SEPARATING CHANNEL
CURRENTS TOWARD TRANSMITTER AND RECEIVER
AUPLIFIERS RESPECTIVELY AND ATTENUATORS
TO ADJUST TRANSMISSION LEVELS AND A
LEVEL INDICATING METER AND POWER RECTIFIER. HAS EIND-POSTS FOR CONNECTION TO
3/17/44 X-663158 RECEIVER TRANSFER PANEL: CONTAINS A TOTAL OF 19 JACKS IN ONE SEC-TION. DRIVEN GEAR TRAIN FOR ACTUATING THE COM-MUTATOR TRAISMITTER, A CAM ARRANGEMENT WHICH PROVIDES 5° ROTATIONAL CONTROL FOR 4/20/44 D-163459 ESX-658976 4/20/44 D-163459 HAY 44 6/19/44 MAR. 44 ISSUE 1 AUG. 44 ALT 0 CH-23427 CW-23431 ANTOMATIC SEARCH, AND A GEAR TRAIN AND SYNCHRO WHICH, IN COMBINATION WITH THE -50130 TRAINING CONTROL AMPLIFIER AND THE SHIP'S GYRO, PROVIDES MAINTENANCE OF TRUE BEARING, PART OF -23430 CONTROL CANG-23437 GEN. USE TRANSMITTER TRANSFER PANEL: RADIO. LINE AND GROUND LEADS. CONTAINS A TOTAL OF 10 RECEPTACLES IN CONSOLE. 5/19/44 AUG. 44 CBM- 23428 NXST-35032 DOME SEATING CONTROL UNIT: CN-23432 REA
POMER PANEL:
CONTAINS MAIN POWER SHITCHES, A SMOOTH-CAON-23438 UJ SIMILAR TO -23332-A EXCEPT A HOIST SWITCH AND A LOWER SWITCH HAVE BEEN ADDED. THE POWER CONTROL UNIT: CONSISTS OF MAIN CONTROL PANEL & THE FOLLOWING PROPERLY FUSED SWITCHES. MASTER 115V 60 CYCLES INPUT; OSCILLATOR ING FILTER AND THE MAIN FUSES FOR THE MOTOR-BRAKE RELAY HAS BEEN CHANGED FROM A LEACH TO DUNCO TYPE, THE EMERGENCY STOP BUTTON HAS BEEN CHANGED FROM CUTLER-HAMMER TO ARROW MART AND HEGEMAN 3/30/44 916B 60344 EQUIPMENT. FILAMENT PLATE; PONER SUPPLY 115V; RE-CEIVER PLATE; CENTRAL FILAMENT 81AS; SCOPES PLATE, HIGH VOLTAGE; TEST PANEL 6/27/44 4/24/44 D-169184 ALT O DEC. 44 CBM - 23428 CH- 23433 REA MONITOR PANEL: CONTAINS METERING SHITCH MOUNTED ON PA-CAON 23438 TYPE WHICH CAN BE LOCKED IN OFF POSITION. TERMINAL PAMEL IS NEW AND ALL STEEL 115V: SYNCHRONIZER 115Y: BLINKER MOTOR COMMANDS METERING SMITCH MOUNTED ON PRE-NEL, JACKS FOR NONITORING OUTPUT OF RE-CEIVER, ALARM SIGNALS, OUTPUT METER SWITCH, & A JACK WHICH ALLOWS METER TO BE PLUNGED INTO TUBE CURRENT METER CIR-CUIT FOR FACILIATATING. ADJUSTMENTS SCREWS ARE REPLACED BY BRASS SCREWS. 4/24/44 D-169188 CMX--23429 FOR USE WITH cw- 23433 CAON- 23439 UJ CAON- 294.99 UJ
SYNCHROMIZER UNIT:
CONTAINS TRIGGER INPUT SHAPER, DELAY
CIRCUIT, AND LIMITER GATE GENERATOR,
VIDEO IMPUT; CONNICIDENCE MIXER; DIFFERENTIAL AMPLIFIER; PUSH PULL CATHODE
FOLLOWER OUTPUT WARNING CIRCUIT, BALANCE
PHASE CONNECTOR, POWER SUPPLY, REQUIRES
6/27/44 MADE IN REAR OF METER PANEL. TCS SERIES REMOTE CONTROL UNIT:
FOR CONTROLLING THE TRANSMIT, RECEIVER
AND INTERPHONE FUNCTIONS OF THE MODEL
TCS SERIES OR THE SIGNAL CORPS RADIO SETS SCR-508, SCR-528. AND SCR-538. 4/17/44 HAY 44 DE C. 44 cw - 23434 REA CHX - 23429 - A #SEE BELOW RE 13A 949A CAON 23439 TAON 23439

115V 60 CYCLES, 1 PHASE SYNCHRONIZES

OSCILLATOR WITH MASTER OSCILLATOR PHASE

& FREQUENCY, OUTPUT +450V DC AT 150 MA;

-105V AT 10 MA. & TWO 6.3 HEATER WINDINGS AT 6, AND 2.5 AMPS., & THO 5V HEATER
WINDINGS AT 3 AMPS EACH. REMOTE CONTROL UNIT: FOR CONTROLLING THE TRANSMIT RECEIVE AND AUTOMATIC TUNING CONTROL UNIT: THERPHANE FUNCTIONS OF THE MODEL TCS SERIES OR THE SIGNAL CORPS RADIO SETS SCR-508, SCR-528, AND SCR-536 SAME AS -23429 EXCEPT FOR ARRANGEMENT OF CONTROLS AFOR USE WITH TCS SERIES 4/26/44 4/24/44 OCT. 44 HAY 44 CRH- 23435 TDB-2 cw-23430 QJB CHV 23440 CM-22430 400 CONTROL CONSOLE: CONSISTS OF A TYPE -10336 CONSOLE RACK, A -23431 TRAINING CONTROL UNIT A -55050 OSCILLATOR UNIT, A -46248 RECEIVER UNIT, A -50180 TRAINING CONTROL AMPLIFIER A CONTROL UNIT: CENTRAL UNIT: INCLUDES A DUAL RHEOSTAT (585 AND 378 OHMS) FOR CONTROLLING THE HIGH VOLTAGE GENERATOR AND ALTERNATOR FIELDS RE-CERTIFICAL UNIT:
CONTAINS 2 SUB-UNITS DIVIDER & SELECTOR
UNIT. DIVIDER UNIT CONTAINS 6 COUNTERS,
SQUARE MAYE GENERATOR, CIRCUITS PROVIOING TIMING MARKERS, & FEEDBACK CIRCUITS
PROVIDING VARIABLE TIMING RELATIONS.
SELECTOR UNIT CONTAINS GATING CIRCUITS GENERATOR AND ALTERNATOR FIELDS RESPECTIVELY (NAVY TYPE CG-211137 MOTOR
GENERATOR UNIT). FRONT PANEL INCLUDES A
0 TO 1.5 KR HETER AND EQUIPMENT "ON-OFF"
4/24/44 (CRM)ET-8019 KS-269
AUG. 44 SUB 0 -50181 DRIVER AMPLIFIER A -55150 RE-CORDER AND KEYING UNIT AND A -55151 IN-4/20/44 D-168461 ESX-658978 4/20/44 D-168461 HAY 44 CRM- 23435 CH-23430 FOR SELECTING DESIRED CHY- 23440 FOR SELECTING DESIRED CMY-23440
IMING PULSES FOR CONTROLLING CRT SWEEP
CIRCUITS OUIPUT TRIGGER PULSES & ATTENUATOR DRIVER. PROVIDES CRT SWEEPS TRANSHITTER TRIGGER & COVERCES BLINKING OF
TRANSMITTER. REQUIRES INPUTS OF +250V.
200 MA; 260V 100 MA -105V 5 MA; -50V
50 MA; 115/1/60 TO 'OPERATE 115V RELAY &
TO SUPPLY POWER FOR 4 TRANSFORMERS. SWITCH. DICATOR AND CONTROL UNIT. ASSIGNED ISSUED ASSIGNED ISSUED

MANUFACTURER'S MANUFACTURER'S

STANIT SAIKWARA

DATE

MANUFACTURER'S

DATE

MANUSACTURER'S

DATE

KILIVIT SAIKIAN

NAVY TYPE DESIGNATION FIRST ASSIGNED FOR MANY DRAWING OR SPECIFICATION		MANY TYPE DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION		MANY TYPE FIRST ASSIGNED FOR OR SPECIFICATION
CAON- 23441 UJ		23447 sg-2s	17.	CRV- 23452 MCA CONVERSION
SYNCHRONIZER CONTROL UNIT:		POWER CONTROL UNIT:		AUXILIARY TRAINING
INDICATES SYNCHRONIZATION OF SYSTEM; ALLOWS ADJUSTMENT OF SYNCHRONIZING UNIT.		CONTAINS MAGNETIC TRANSFER SWITCH, OUT- PUT VOLTMETER, OUTPUT AMMETER, TWO	•	CONTROL: PERMITS REMOTE TRAINING CON- TROL OF -51075 HYDROPHONE ASSEMBLY FROM
		PILOT LAMPS. CONTROLS FOR REMOTE START-		A POINT REMOVED FROM THE -23450 MASTER
		ING AND STOPPING OF EACH ENGINE AND CON	1-	CONTROL UNIT AND WHICH IS LOCATED NEAR .
		TROLS FOR TRANSFERRING LOAD FROM ONE -73033 GASOLINE ENGINE GENERATOR SET TO	,	THE JP-1 AMPLIFIER.
5/27/44 BD-5001-8-1		7/19/44 Y-810 CHP:0-7826		8/5/44
AUG. 44		SEPT. 44 CHGE F		OCT. 44
CNR - 23442 FOR USE WITH THE RE9451A				
TRANSMITTER CONTROL AND		ANOTHER.		CGQ- 23453 TBX-7.8
KEYING UNIT: PROVIDES FOR STARTING AND KEYING TRANSMITTER OVER A SINGLE				REMOTE CONTROL UNIT: TO CONTROL TRANSMIT AND RECEIVE JUNC-
PAIR. OR ONE HIRE AND GROUND. TRANSMITT.				TIONS OF TBX-7 OR 8 AT DISTANCES UP TO
ER STARTS WHEN KEY IS MOMENTARILY CLOSED				ONE MILE OVER ONE PAIR OF FIELD TELE- PHONE LINES.
AND REMAINS ON FOR A DELAYED TIME INTER- VOL AFTER LAST KEY IMPULSE IS TRANSMITT-				
6/2/44 873-A				NXST 38500 8/15/44 ESA-10081
SEPT. 44				OCT- 44
AUD 07440				
ED. KEY LINE RESISTANCE 3500 OHMS MAX;		CBM- 23448 QBE-4 REMOTE CONTROL UNIT:		CG-23453-A TBX-7
OPERATES FROM 115/1/60, 9 WATTS STANDBY.	,	CONTAINS MANUALLY OPERATED GENERATOR FO	R	REMOTE CONTROL UNIT: TO CONTROL TRANSMIT AND RECEIVE FUNC-
18 WATTS OPERATING, KEYING SPEED 50 WORDS/HIN.		CONTROL OF DYNAMO ELECTRIC AMPLIFIER		TIONS OF 18X-7 AT DISTANCES UP TO ONE
#GENERAL RADIO USE.		UNIT THROUGH CONTROL AMPLIFIER. UNIT AL INCLUDES CONTROL AMPLIFIER, BEARING AND		MILE OVER ONE PAIR OF FIELD TELEPHONE LINES. SAME AS -23453 EXCEPT BOX AND
		GYRO REPEATER ASSEMBLY TRAINING START-		COVER ARE 1/4" LONGER AND IMMER BAT-
		STOP SWITCH AND OTHER MISCELLANEOUS CON 7/26/44 9320 SK-6041		TERY MOUNTING IS 1/8" LONGER. 11/9/44 ML~7767955G1 P~7767955
	e.	SEPT. 44 ALT 1		11/9/44 ML-7767955G1 P-7767955 DEC. 44 REV 0
CAN- 23443 QFA-5 SS SOUND CONTROL UNIT:		CBH- 23448		CFT- 23454 DBF
SAME AS -23386 EXCEPT (1) RED LIGHTING		TROLS. SAME AS 23235 EXCEPT (1) HOIST. LOWER SWITCHES ARE OMITTED (2) TRAINING	;	REMOTE CONTROL UNIT CONTAINS POWER SWITCH, AVC SWITCH,
IS PROVIDED FOR RANGE INDICATOR DIAL OF		START-STOP SWITCH IS TOGGLE TYPE RATHER		SENSITIVITY CONTROL, AF GAIN CONTROL.
SOUND BEARING REPEATER (2) FULL SCALE VALUE OF RANGE INDICATOR CHANGED FROM		THAN MOMENTARY CONTACT (3) SCALE IS BLA WITH WHITE FIGURES.	I C K	SENSE SWITCH, TUNING CONTROL AND PHONE JACK-ALL ELECTRICALLY OPERATED EXCEPT
\$000 TO 4000 TARDS.				FOR MAIN TUNING CONTROL WHICH IS A
6/6/44				FLEXIBLE CABLE.
SEP1. 44				8/24/44 OCT. 44
CAN- 23444 QFA-5		GCH- 23449 MK 29 MOD 2	. L	CCD- 27455 BY CW-52207 RE 15A 934-0
SHIP SOUND CONTROL UNIT:		POWER CONTROL UNIT:		CGP- 23455 NXsr-62297 RE 134 934-9
CONSISTS OF HELDED STEEL CABINET 23 1/2" WIDE. 19" DEEP AND 55 1/2" HIGH. TO	•	CONTAINS NECESSARY CONTROL SWITCHES, FUSES, ETC. FOR OPERATION OF EQUIPMENT.		USED FOR REMOTE CONTROL OF TYPE
WHICH A CONSOLE CONTAINING A CATHODE RAY	7 .	INCLUDES FILAMENT TRANSFORMER. SIMILAR		CGP-47410 ANTENNA TUNING UNIT FROM OPERATING POSITION NOT OVER 250 FT. AWA
TUBE AND INDICATOR RANGE RECORDER IS HINGED. HAS MAINTENANCE, OF TRUE BEARING		TO -23359 EXCEPT (1) BATTLE SHORT SWITC AOOED (2) YARIAC REMOVED (3) UNUSED	H	CONTROL CONNECTION BY MEANS OF ELECTRIC
FEATURE AND EMPLOYS CONTINUOUS ROTATION		METERS REMOVED.		CABLE, CONSISTS OF 4 OPERATING CONTROLS TUNE-OPERATE SWITCH, "ON-OFF" POWER
6/6/44 81 8747 MAR. 45		7/31/44 SEPT. 44		8/29/44
MAK. 45 REV 0		3577.		OCI. 44
CAN- 23444		CRY- 23450 WCA CONVERSION		CGP- 23455
PRINCIPLE WITH 3 POSITIONS OF 1.000.		MASTER CONTROL UNIT:		SWITCH REMOTE READING ANTENNA METER.
2,000 AND 3,000 YARDS.		SUPPLY: 115/1/60. CONSISTS OF 2 CHASSIS MOUNTED IN A SINGLE RACK. LOWER CHASSIS		TOGETHER WITH OPERATING MOTOR & INDICAT
		CONTAINS A RELAY, A PREAMPLIFIER, A		ING SELSYN DEVICES FOR OPERATION ON 145
		RIGHT-LEFT INDICATOR UNIT AN AVC AND VOLUME INDICATING METER AND AN AUDIO		FOR LOCATION IN RADIO TRANSMITTER ROOM
🙀 이 시기를 하는 사람들이 맛있다.		UNIT. TOP CHASSIS INCLUDES "RIGHT-LEFT	e i	DN SHIPBOARD.
		0 8/5/44 - OCT- 44		
				그리는 그 사이 사람이 없는 것들이 되었다.
CG- 23445 TDZ		crv- 23450		CBH 23456 NEA-2b
REMOTE CHANNEL SELECTOR:		INDICATOR METER. RELATIVE BEARING IN-		REMOTE TRAIN UNIT
FOR SELECTING 1 OF 10 PRESET FREQUENCIES FROM A REMOTE LOCATION. SAME AS -23418		DICATOR AND VARIOUS CONTROL SWITCHES.		INCLUDES A SYNCHRONOUS GENERATOR THAT
EXCEPT DOES NOT HAVE "MANUAL" POSITION ON THE CHANNEL INDICATOR.				DEVELOPS DISPLACEMENT VOLTAGE WHICH WHEN
ON THE CHARNEL INDICATOR.				A HOIST TRAIN UNIT. SIMILAR TO -23570 EXCEPT THAT THE LUCITE WINDOW HAS BEEN
6/12/44 4HC5781 P-7767203	100	생기는 경험을 하는데 하는데 모든 것이다.		REPLACED BY A MASK AND NAMEPLATES MARKET
6/12/44 4HC3781 P-7767203 FEB46 REV 6				8/30/44 SK-6151 OCI. 44 REV 0
cu- 23446 PM		CRY- 23451 WCA CONVERSION		свя 23456
TELETYPEWRITER REPEATER UNIT:		OPERATOR'S CONTROL UNIT: CONTROLS TALKBACK SYSTEM EXCEPT WHEN		"ERROR HARNING" AND "DIAL ILLUMINATION"
		TYPE -23450 MASTER CONTROL UNIT IS USED.	•	HAVE BEEN REMOVED.
		OPERATOR'S HEADPHONE AND MICROPHONE		
		PLUG INTO THIS UNIT. PRESS-TO-FALK SWITCH ENABLES OPERATOR TO COMMUNICATE.		
7/6/44 CW:X-66534-C		WITH COMMING TOWER. 8/5/44		그 경기 시 하는 경기를 받는다.
0507 44	SSIGNED	OCT. 44	ASSIGNED	
	ISSUED		ISSUED	

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DATE

MANUFACTURER'S DESIGNATION

OR SPECIFICATION

CANG:A-161

		•
DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
CBN 23457		
REMOTE TRAIL	QBE-38 N UNIT	
	SYNCHRONOUS GE	
	SPLACEMENT VOL ONTROLS THE TR	
A HOIST TRA	IN UNIT. SIMIL	AR TO -23370
EXCEPT THAT	THE LUCITE WI	NOOW HAS BEE!
REPLACED BY 8/30/44	A MASK AND NA	MEPLATES MAR! SK-6152
OCT. 44		REV O
		CBN- 2345
"ERROR WARN	ING" AND "DIAL EMOVED.	LILLUMINATIO
	,	
		·
свж- 23458		
POWER CONTRO	DL UNIT: Jipment Start-	STOP SULTCH
TRAINING POP	ER SUPPLY, ST	ART-STOP SWIT
HOIST-LOWER	SHITCH, AND E	IGHT INDICAT.
EXCEPT FOR L	SIMILAR TO TYP	THE INTERNAL
CONNECTIONS 8/31/44 953	OF START-STOP	CIRCUITS AND
OCT. 44		REV 0
		CBH- 23458
TERMINAL PAR	NEL CHANGES.	-,.,
CBH- 23459	QGC.QGD	
CONTROL CONS		
INCLUDES CRO ·23371-A KEY) ASSEMBLY, -5 Ting Unit, and	5112 RECORDER Training con
TROL UNIT CO	INSISTING OF 3	STRCHRONOUS
GENERATORS.	SIMILAR TO CB	M-25414 EXCEP
MODIFICATION	IS HAVE BEEN M	ADE IN TERMIN
8/31/44 954 OCT. 44		60382 Re y o
		сви- 23459
PANEL.		JUII E/4/3

		•	Class	23—Conf	rol Panels and	Control Uni	its
PRICHATION	FIRST ASSIGNED FOR	or specification		DESIGNATION	FIRST ASSIGNED FOR	NAVY BRAWING OR SPECIFICATION]
DEVELOPS DI AMPLIFIED O A HOIST TRA EXCEPT THAT	SYNCHRONOUS GE SPLACEMENT VOL CONTROLS THE TR LIN UNIT. SIMIL T THE LUCITE WI Y A MASK AND NA	TAGE WHICH WHI AINING MOTOR : AR TO -23370-1 NDOW HAS BEEN	i H L	CONTROLS T TYPE -2346 OPERATOR'S INTO THIS ENABLES OP	JT CONTROL UNIT: ALKBACK SYSTEM O MASIER COLIFI HEADPHONES & UNIT. PRESS TO ERRATOR TO COMMI	DE UNIT IS USE MICROPHONE PEU -TALK SWITCH UNICATE WITH	
"ERROR WAR! HAVE BEEN F	NING" AND "DIAL REMOVED.	CBM- 23457 ILLUMINATION		INTERCHANG	EABLE.	CRV 23461	
		·					
TRAINING PO HOIST-LOWER ING LAMPS. EXCEPT FOR	OL UNIT: UIPMENT START- WER SUPPLY, ST SWITCH, AND E SIMILAR TO TYPE DIFFERENCES IN OF START-STOP 3	ART-STOP SWITC IGHT INDICAT- E CBM-23412 The Internal	:н.	PERMITS RE -51075 HYD REMOVED FR TROL UNIT JP-1 AMPLE	JT TRAINING CONTRI MOTE TRAINING (ROPHONE ASSEMBL OM THE TYPE - 2: AND WHICH IS L(FIER. SIMILAR) HANGEABLE.	DF THE TYPE Y FROM A POEM 4460 MASTER CO DCATED NEAR TH	- MC

NING CONTROL TRAINING OF THE TYPE
ONE ASSEMBLY FROM A POINT
HE TYPE -23450 MASTER CONWHICH IS LOCATED NEAR THE
. SIMILAR TO -23452 BUT ABLE. 9/5/44 OCT. 44 CANG 23463 NXsr-71316 RE 25F 221 TRANSFER PANEL ALL STEEL BOX CONTAINING 30 TYPE -49008
TELEPHONE JACKS WIRED TO TERMINAL STRIPS.

OCI. 44 CFT- 23464 TDN-2.-5.-4 SELECTOR CONTROL UNIT CONSISTS OF POWER SUPPLY, MASTER CONTROL SECTION. AND CHANNEL CONTROL SECTION.

9/14/44

INPUT TO POWER SUPPLY 115 VOLTS, SINGLE
PHASE, 50-60 CYCLES, OUTPUT 48 VOLTS OC.
A CHANNEL CONTROL SECTION IS PROVIDED
FOR EACH BAND TRANSMITTER. THE MASTER
9/14/44 FT-105B RC-1145-2A REV 0

CFT- 23464 CONTROL SECTION SELECTS THE CHANNEL CONTROL SECTION DESIRED AND THIS SECTION IN TURNS SELECTS TYPE OF OPERATION.

CRY 23460 CRY 23460 JT
MASTER CONTROL UNIT
SUPPLY: 115/1/60. RACK CONTAINING 2
CHASSIS. LOWER CHASSIS CONTAINS A RELAY,
PREAMPLIFIER. A RIGHT-LEFT INDICATOR
UNIT. AH AYC AND VOLUME INDICATING METER
AND AUDIO UNIT. TOP CHASSIS INCLUDES
RIGHT-LEFT INDICATOR METER, RELATIVE 9/5/44 OCT. 44

CRY23460 BEARING INDICATOR & VARIOUS CONTROL SWITCHES. SIMILAR TO -23450 BUT NOT INTERCHANGEABLE.

CFT- 23465 TON-2.-3.-4 OPERATOR'S CONTROL UNIT CONSISTS OF TELEPHONE TYPE DIAL, ON-OFF SHITCH, AUDIO TRANSFORMER, INDICATOR AND RELAY. THIS UNIT IS CONNECTED TO -23464 BY MEANS OF LINES TO CONTROL THE BAND TRANSMITTER FROM A REMOTE POSITION. CONTAINS TERMINALS FOR 3 KEYS, MICRO-9/14/44 FT-104B RC-1146-3A

CFT- 23465 PHONE. AND PUSH TO TALK SWITCH.

CFT- 23466 TDN-2,-3,-4 KEYING UNIT
PERMITS KEYING AT A BAND TRANSMITTER WHEN A KEYER IS USED WHICH SUPPLIES A
KEYING VOLTAGE WITH POSITIVE SIDE GROUND-ED. INPUT: 115 VOLTS. I PHASE 50-60 CYCLES.

FIRST ASSIGNED FOR

HAVY TYPE

9/14/44 FT-102A RC-4644-14 REV D OCT. 44

CWF- 23467 GEN. USE RADIOPHONE TRANSFER PANEL
CONTAINS A TOTAL OF 10 RECEPTACLES IN ONE SECTION.

US-84166 9/18/44 OCT. 44

CBM- 23468 QBE-1a REMOTE TRAINING CONTROL UNIT CONSISTS MANUALLY OPERATED SYNCHRO GEN-ERATOR FOR CONTROL OF DYNAMO ELECTRIC AMPLIFIER UNIT THROUGH CONTROL AMPLIFIER.
INCLUDES CONTROL AMPLIFIER BEARING AND
CYRO REPEATER ASSEMBLY TRAINING STARTSTOP SWITCH AND OTHER MICELLAMEOUS CON-9/25/44 932E SK-6041

CBM- 23468 TROLS. SIMILAR TO CBM-23448 EXCEPT (1)
HAS NO TIME DELAY RELAY. (2) INCLUDES
LEFT-RIGHT TRAINING LIMIT LIGHTS; AND AUTOTRANSFORMER; AND (3) USES A TYPE 5G SYNCHRONOUS GENERATOR INSTEAD OF TYPE SCT.

CJF- 23469 TON-1 CIRCUIT SELECTOR
CONSISTS OF RELAYS. MOTORS, CODE DISCS.,
SWITCHES, AND ASSOCIATED EQUIPMENT FOR
SELECTING AND COMPLETING THE CIRCUITS FOR THE TRANSMISSION OF THE STATION CALL
LETTERS AND MEASURING SIGNALS. INPUT:
115/1/60. 30 WATTS. AND 12V OC. 6 WATTS.
9/27/44 AV-40178 X-P-47028

cJF-23469 SAME AS CJF-23323 EXCEPT THAT SWITCH S634 (REFERENCE FREQUENCY) HAS BEEN CHANGED FROM DPDT TO SPST AND CHANGES IN

CFT- 23470 TDN-4
LOCAL CONTROL SWITCH PANDL:
CONSISTS OF A FOUR POSITION ROTARY TYPE
SWITCH, A HANDSET WITH MOUNTING BRACKET,
AND A TERMINAL STRIP MOUNTED ON A PAMEL,
THE SWITCH PERMITS THE LOCAL MICROPHONE
TO BE SWITCHED FROM THE MODULATOR IN ONE
BANK OF UNITS TO THE MODULATOR IN THE
10/14/44 RC-5873-12A
REV 0

CFT- 23470 OTHER BANK, OR TO BOTH MODULATOR, OR TO BE DISCONNECTED TO PERMIT USE OF REMOTE MICROPHONES.

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		ISSUED				ISSUED		•	
BATE MANUFACTURER'S	MANUFACTURER?		DATE	MANUFACTURER'S DESIGNATION	astavlt-sakkass		DATE MANUFACTURER'S	MANUFACTURES.	

NAVY TYPE DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR ON SPECIFICATION	DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION
CFT- 23471 TDN-4 REMOTE CONTROL SWITCH PAREL: CONSISTS OF A FOUR POSITION ROTARY TYPE SWITCH AND TERMINAL STRIP MOUNTED ON A PANEL. THE SWITCH CONNECTS ANY TWO OP- ERATING MICROPHONES IN VARIOUS COMBINA- TIONS SO THAT EITHER MICROPHONE CAN BE CONNECTED TO EITHER OR BOTH OF THE TWO	CBM- 23475 WATTS AND 115/1/60 AT 12 WATTS, SAME AS 23474 EXCEPT DOES NOT HAVE OPERATIVE OR INOPERATIVE INDICATOR.	CM-23480 UP DISTORTION MEASURING PAREL: STEEL PAREL EQUIPPED WITH KEYS ATTENU- ATOR ETC FOR ADJUSTING, AND SKITCHING TESTING AND TELEGRAPH TONES.
10/14/44 RC-5872-12A DEC. 44 REV 0		1/18/45 H-327-208 H-327-208
CFT-23471	CAFP- 23476 EAQ CONTROL PANSL: CONSISTS OF A AC VOLTMETER, AC AMMETER, 2 INDICATOR LAMPS, FREQUENCY METER FIELD RHEOSTAT, CIRCUIT BREAKER, CUT OUT SWITCH, 6V LAMP WITH SWITCH IGHITION PILOT LAMP, DC AMMETER, OTL PRESSURE GUAGE, LOW OIL PRESSURE CUT-OFF SWITCH, 1/4/45 NC-PB-N2O MAR. 45 DATED 12-7-44	-23481 MZ-3 RE 23F 236 REMOTE CONTROL BOX: CONSISTS OF SUBMERGENCE STEEL CASE WITH PROVISIONS FOR HOUSING A TYPE -23429 RE- MOTE CONTROL UNIT. A LOUDSYEAKER AND A RELAY. THIS BOX MOUNTS UNDER THE DASH PANEL OF THE MZ-3 EQUIPMENT, PROVDING REMOTE CONTROL OF THE TCS EQUIPMENT. 1/26/45 FEB. 45
CFT- 23472 TDN-234 PATCHBOARD PANEL: CONSISTS OF A PANEL ON MHICH ARE MOUNTED 7 COAXIAL CABLE TYPE RECEPTACLES, FOUR OPEN CIRCUIT JACKS, AND A TWO POSITION ROTARY TYPE SWITCH. PROVIDES MEANS FOR CONNECTING THE OUTPUT OF ANY ONE OF FOUR RF OSCILLATORS, TYPE CFT-35059 TO ANY 10/14/44 PEC. 44 REV 0	CAFP- 23476 STARTING SWITCH, IGNITION SWITCH, THROTTLE LEVER, WATER TEMP, GAUGE AND A FIRE EXTANGUISHER MTD ON 1/2" STEEL PA- NEL.	CG-23482 UM POWER DISTRIBUTION PANEL: PROVIDES A DISTRIBUTION POINT & CONTROL PANEL FOR ALL AC POWER FROM TWO POWER BUSES EACH RATED LISV. 75 AMPS. EACH OF THE TWO CIRCUITS HAS A 65 AMP CIRCUIT BREAKER. HAS 10 DISTRIBUTION CIRCUITS. FOUR TIMER CIRCUITS FUSED FOR 30 AMPS. 2/7/45 D14M58QA FEB. 45
CFT-23472 OF THE TRANSMITTERS TYPE CFT-52349, CFT-52350, OR CFT-52351.	CAFP- 23477 EAR RE 13A 889A CONTROL PANEL CONSISTS OF AC VOLTMETER AC AMMETER. FREQUENCY METER, FIELD RHEOSTAT, 100 AMPS MAIN SWITCH, 6 VOLT LAMP AND SWITCH, 6 VOLT AUTOMOTIVE SOCKET, 8AT- TERY CHARGING AMMETER, OIL PRESSURE GAUGE, COMBINATION RECEPTACLE. STARTING 1/13/45 NJ-PC-014 MAR. 45	CG-23482 DISCRIMINATOR CIRCUITS FOR 5 AMPS AND THE LIGHTS FOR 15 AMPS. CASINET HEATER CIRCUIT FUSED AT 5 AMPS. EACH OF THE CIRCUIT AND AS E SWITCHED TO EITHER OF THE TWO IMPUT CIRCUITS BY INDIVIOUAL OPDT SWITCHES.
CAN- 23473 QFA-6 SS SOUND CONTROL UNIT: REDESIGN OF -23443 PROVIDING FOR (1) AM INDICATOR RANGE RECORDER SIMILAR TO E THAI OF MODEL WEA (2) ALTERATION OF RE- MOTE CONTROL UNIT TO PROVIDE ROTARY TYPE TEAINING CONTROL (3) ADDITION OF CENTER ZERO RIGHT-LEFT BEARING DEVIATION METER. 10/51/44 MAR. 45 REV 0	MOTOR SWITCH. HAND CAFP- 23477 CHOKE, VOLTAGE REGULATOR AND DISCONNECT SWITCH. IGNITION SWITCH, THROTTLE LEVER, WATER TEMPERATURE GAUGE, LOW OIL PRES- SURE CUT-OFF SWITCH. ALL MOUNTED ON RUBBER SHOCK MOUNTS, SUPPLY: 115/1/60, 100 AMPS.	CG-23483 UM RE ISA 1104A DISCRIMINATOR SWITCHING UNIT: CONTAINS 4 FOUR-POSITION SWITCH ES FOR SWITCHING ANY ONE OF 3 TYPE CG-50242 DISCRIMINATOR UNITS TO ANY ONE OF 4 MODEL UE-1 TRANSMITTER TIMING EQUI MENTS AND AN "OFF" POSITION MOUTEO ON CRICULATED SLIDES; CAN BE WITHDRAWN & 2/7/45 PL4W FEB. 45 567A
CBN- 23474 WFA LOCAL CONTROL UNIT; PROVIDES FOR CONTROL OF HURL OR DECK PROJECTOR, AND RELATIVE TRAINING OR MTB CONTAINS A BEARING REPFATER DIAL AND TWO BOI INDICATING METERS (ONE FOR EACH PRO- JECTOR). INCLUDES A TYPE -20354 RECTIF- IER POMER UNIT. INPUT 115/1/60 AT 50 11/3/44 1011 60393 DEC. 44 ALT 0	CM- 23478 REA-1 AUTOMATIC TUNING CONTROL UNIT: CONTAINS 4 AMPLIFIERS WHICH AMP- LIFY LOCAL 100 KC OSCILLATOR VOLTAGE SIGNALS FROM CARRIER BRANCH AMPLIFIERS TO AUTOMATICALLY TUNE THE FIRST BEATING OSCILLATOR. ALSO CONTAINS BALANCED MOD- ULATORS WHICH SUPPLY VOLTAGE TO CONTROL 1/16/45 D-170392 MAR. 45	CG- 23483 TILTED UPWARD FOR SERVICING, FOR RACK MOUNTING, IN TYPE CG-10473 CAZINET.
CBM-23474 WATTS AND 115/1/60 AT 12 WATTS. SAME AS -23475 EXCEPT HAS INDICATOR SHOWING WHEN PROJECTOR SELECTOR SWITCH IS OP- ERATIVE. OR IN OPERATIVE.	CW- 23478 MOTOR AND TWO LOCAL CARRIER AMPLIFIERS WHICH SUPPLY LOCAL CARRIER TO EACH 38D DETECTOR. SAME AS TYPE -23434 EXCEPT IT HAS IMPROVED FIRST BEATING OSCILLATOR FREQUENCY CONTROL.	CHG- 23484 SEE BELOW KEYER COUPLING UNIT FOR COUPLING NAVY MODEL FSA OR FSB FRE- QUENCY SHIFT KEYERS TO NAVY MODEL TBA, TBK, OR SIMILAR TRANSMITTERS. FREQUENCY RANGE: 2 TO 4-525 MC.
CBM- 23475 WFA REMOTE CONTROL UNIT: PROVIDES FOR CONTROL OF HULL OR DECK PROJECTOR, AND RELATIVE TRAINING OR MTB CONTAINS A BEARING REPEATER OILL AND THO BDI INDICATING METERS (ONE FOR EACH PRO- JECTOR). INCLUDES A TYPE -20354 RECTIF- IER POMER UNIT. INPOT 115/1/60 AT 50. 11/3/44 1011A 60393 DEC. 44 ALI 0	CM- 23479 TEF YOUTMETER SWITCHING PANEL: CONTAINS RESISTANCE MULTIPLIER AND A MULTIPOINT SWITCH FOR SELECTING CIRCUITS FOR YOUTAGE MEASUREMENTS AS INDICATED ON THE LOW YOUTAGE SUPPLIES METER. 1/17/45 FEB. 45	AFOR USE WITH FSA 2/10/45 FEB. 45 CRY- 23485 MAR REMOTE CONTROL UNIT: FOR REMOTE OPERATION OF NAVY TYPE CRV-43067 TRANSMITTER-RECEIVER ON ANY FIXED FREQUENCY. HAS PROVISIONS FOR HEADSET OPERATION OR PUSH-TO-TALK MICRO- PHONE AND SEPARATE HEADSET, HAS PROVIS- TONS FOR COMMUNICATIONS OVER ONE MILE 2/20/45 CRY:M-43154

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DESIGNATION FIRST ASSIGNED FOR DAYY DRAWING DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION DESIGNATION FIRST ASSIGNED FOR OR SPECIFICATION CRV- 23485 OF FIELD WIRE WHICH TERMINATES AT NAVY COL- 23491 ROZ LAY WHICH CONNECTS RE-CNA - 23495 TYPE -50248, HAS BUZZ SWITCH FOR SIGNAL-LING OTHER END. SUBMERSION PROOF, PORT-AUTOMATIC TUNING UNIT: MOTE LOUDSPEAKER AND INDICATOR LIGHT USES A MOTOR AND SELECTOR SWITCH SO THAT UNITS ORIVE SHAFT CAM BE TURNED TO ANY ONE OF 10 POSSIBLE PRE-SET POSITIONS BY THROUGH S-PRONG OUTPUT SOCKET. SPEAKER CIRCUIT INPUT IMPEDANCE 5000 OHMS. OUT-PUT IMPEDANCE 2.86 OHM VOLUME CONTROL. HAS SPEAKER CIRCUIT PAMEL SWITCH FOR ONE OF 10 POSSIBLE PRE-SET POSITIONS & SETTING SELECTOR SWITCH TO CORRESPONDING TAP. LOCAL CHANNEL SELECTOR SWITCH MARKED I THROUGH 10 INCLUSIVE AND IN-3/30/45 CMa:SA-2911 J 133 MAS SPEAKER CIRCUIT WANEL SWITCH FOR DISABLING SPEAKER CONTROL ACTION. CON-TROL VOLTAGE THRESHOLD IS ADJUSTABLE BY PAMEL CONTROL. 4 WIRE CABLE & PLUG SUP-PLIED FOR INPUT POWER. cw-23486 CW-50250 SIGNALLING APPLIQUE UNIT COL-23491 (20 CYCLES): THIS UNIT IN CONJUNCTION WITH NAVY TYPE CW-35039 RINGER OSCILLA-TOR FUNCTIONS TO SEND 20 CYCLE SIGNALS DECATOR DIAL ON THES UNIT MARKED 23496 TOZ, ROZ, MAR RE 24F239 REMOTE CONTROL-INDICATOR 16C24(RE)
UNIT: CAN BE USED TO CONTROL ONE TOZ
AND TWO RECEIVERS ROR OR ROZ OR AN MAR THROUGH 10 INCLUSIVE. CORRESPONDING TO 10 PRE-SET FREQUENCY CHANNELS AND ALSO A TOWARD THE TERMINAL UNDER CONTROL OF THE RINGER OSCILLATOR OR TO RECEIVE 20 CY-CLE SIGNALS FROM THE TERMINAL TO CONFROL 3/6/45 5646024Y-2 PREQUENCY CALIBRATION DIAL MARKED FROM 200 TO 400 NC. TERMINAL STRIP IS PROVID-ED SO THAT A REMOTE SELECTOR SWITCH MAY MITH THO RDZ OR RDZ OR ONE OF EACH. MAS FACILITIES FOR TWO HAMOSETS, INCLUDES A MUTING SWITCH FOR NUTING ONE OF TWO BE USEO. HAR. 45 LIST I LOUOSPEAKER AMPLIFIERS. OPERATES WITH 4/5/45 CW-23486 CNA- 23492 RDZ THE 1000 CYCLE RINGER OSCILLATOR. INPUT £23486 REMOTE CHANNEL SELECTOR: Unit contains a Channel Selector Switch. 70 TO 110 VOLTS, 20 CYCLES. NAVY TYPE -23497 SELECTOR CONTROL UNIT FOR RECEIVER CONTROL. A PHONE OUTPUT JACK A PHONE AUDIO LEVEL CONTROL & A SILENCER DISABLING SWITCH, WHEN USED WITH ROC IT PERMITS OPERATION OF RECEIVERS FROM A SINGLE REMOTE POINT. 3/31/45 BH:139 -23487 GEN. USE RE 23F 140A CONTROL UNIT:
FOR USE WITH 4-CHANNEL AUDIO DISTRIBUTION SYSTEMS. DUAL CONTROL PANEL. FOR CBM- 23493 CBM-23493 MCA
TRAINING REMOTE CONTROL
UNIT: INCLUDES HAND LEVER OPERATED
SWITCH AND RESISTORS FOR CONTROL OF THE
FIELD OF MOTOR-GENERATOR CBP-21356, THE
PROJECTOR AND GYRO REPEATER ASSEMBLY.
ALSO INCLUDES LOUDSPEAKER OF RANGING OR
LISTENING SYSTEM. HAS 2 INDICES ON PRO4/4/45 757RJ MOD CQC- 23497 RDZ, MAR. RDR 16C11 (RE) SELECTOR CONTROL UNIT: PROVIDES RELAY CIRCUITS FOR ADAPTING THE MODEL ROZ FOR CONTROL BY EITHER STAUNHION MOUNTING. SAME AS -23488 EX-CEPI SINGLE VERSUS DUAL. NAVY TYPE -23445 OR -23496. USED WITH NAVY TYPE -20409 RECTIFIER POWER UNIT IN THE SAME NANNER FOR HODELS MAR AND ROR. 3/9/45 MAR. 45 -23488 GEN. USE RE 23F 140A CONTROL UNIT: CBM-23493 JECTOR BEARING DISC, ONE FOR QC AND ONE FOR JK, 180 DEGREES APART BUT QC INDEX IS MASKED. SAME AS -23279 EXCEPT INCLUDES SHUNT RESIS-RW-23498 ACCESSORY FOR TRA-10 FOR 4-CHANNEL AUDIO DISTRIBUTION SYSTEMS. COUPLING UNIT: SINGLE CONTROL PANEL. FOR STANCHION MOUNTING. SAME AS -23487 EXCEPT DUAL A FREQUENCY SHIFT COUPLER FOR COUPLING A MODEL THAT IS TRANSMITTER TO THE PRESS WIRELESS FSIZA FREQUENCY SHIFT KEYER. VERSUS SINGLE. AND 4 TRAINING SPEED RE-SISTORS ARE REPLACED. FREQUENCY RANGE: 2 TO 5 MC. 3/9/45 HAR. 45 RW50F5048 4/7/45 HAY 45 -23489 GEN. USE RE 23F 140A CBN- 23494 WCA-2 CONTROL UNIT: RQ-23499 GEN. SONAR USE TRAINING REMOTE CONTROL FOR 4-CHANNEL AUDIO DISTRIBUTION SYSTEMS.
SINGLE CONTROL PANEL, FOR BULKHEAD
MOUNTING. SAME AS -23488 EXCEPT FOR INATINING REMOTE CONTROL
UNIT: INCLUDES LOUDSPEAKER OF RANGING
OR LISTENING SYSTEM. HAS 2 INDICES ON
PROJECTOR TRAINING DISC; ONE FOR QC AND
ONE FOR JK, 180 DEGREES APART. SAME AS
-23382 EXCEPT NOISE LEVEL CONTROL UNIT: DISTRIBUTES AND CONTROLS SOUND FOR TRAINING IN THE USE OF THE HOISE LEVEL MONITOR. RECEIVES AUXILIARY HOISE FROM ONE PLAYBACK AND BACKGROUND HOISE FROM ANOTHER PLAYBACK. TWO SELECTOR SWITCHES ARE SET TO AGREE WITH THE TYPE OF PICKUP A SHUNT RESISTOR HAS BEEN ADDED AND 4/4/45 757AAJ MOD 3/9/45 HAR. 45 4/23/45 21745-4 MAY 45 HAY 45 SHEET 1 CJ- 23490 #SEE BELOW

RANGE - RATE UNIT:
INCLUDES A 60 CYCLE SYNCHRONOUS MOTOR,
4 RPH, 10 WAITS WHICH DRIVES A VARIABLE
SPEED WHEEL & DISC ARRANDEMENT. SMAFT ON
WHICH THE WHEEL TS MOUNTED IS CONNECTED
BY KEANS OF A FLEXIBLE SHAFT TO RANGE
#FOR USE WITH QFC
3/26/45 N-55-20 CBM - 23494 RQ- 23499 4 TRAINING SPEED RESISTORS HAVE BEEN RE-IN USE ON THE ASSOCIATED PLAYBACK UNIT. PLACED BY OTHERS OF DIFFERENT VALUES. 3/26/45 N-55-20 APR. 45 DIAL ON THE QFG PAYEL. SPEED OF ROTATION DETERMINED BY POSITION OF WHEEL ON DISC CONTROLLED BY A KNOB CALIBRATED IN KNOIS. MAKES AVAILABLE RANSE RATES OF ZERO TO 30 KNOIS CLOSTING AND ZERO TO 20 KNOIS CNA- 23495 NXST-86132 CANG- 23500 GEN RADIO USE 16R28(RE) CONTROL UNIT POWER REQUIRED: 0.6 AMPS. AT 6.3V AC; 12 FOR CONTROL AND OPERATION OF YOICE TRANSMITTER ON STANDARD 6 WIRE RADIO REMOTE CONTROL CIRCUITS. ELECTRICALLY SI-MA AT 190Y DC. A RACK MOUNTING UNIT USING ONE DUAL-TRIODE TUBE CONNECTED IN A "SQUALEM" OR SILENCER CIRCUIT OPERAT-BIG FROM NEGATIVE AVC VOLTAGE DEVELOPED OPENING. KEYING PULSE RELAY AND ADDED TERMINAL STRAPS ARE SUSPENDED FROM UNIT MILAR IO AND SUPERSEDES TYPE -23423. BY ASSOCIATED RECEIVER. & ACTUATING RE 4/12/45 J149 TO ALLOW SIMPLE INSTALLATION. 4/21/45 MAY 45 REV 0 ASSIGNED ASSIGNAD MAY 45

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HAVY TYPE FIRST ASSIGNED FOR MAYY DRAWING HAVY TYPE FIRST ASSIGNED FOR OR SPECIFICATION MAVY TYPE FIRST ASSIGNED FOR OR SPECIFICATION RA-23501 ASEE BELOW CDE - 23506 AUTOMATIC TRAINING CONTROL
UNIT: SUPPLY: 115/1/60, INCLUDES 5G
SYNCHRO DRIVEN BY THE AC MOTOR THROUGH A
GEAR TRAIN TO GIVE 2 ARCS OF ROTATION OF REMOTE CONTROL UNIT
PROVIDES TERMINATIONS FOR MICROPHONE,
TELEPHONE LINE AND SPEECH INPUT AMPLIFIER, AS WELL AS REMOTE CONTROL FOR EQUIPMENT. IT CONSISTS OF A POWER SUPPLY
WHICH PROVIDES APPROX. 100V OC FROM A SYNCHRO. SYNCHRO IS DRIVEN IN RECIPRO-CATING HOTION WITH ARC OF ROTATION 30° *ACESSORY FOR QCU SELENIUN RECTIFIER. HAS A THO POSITION 5/12/45 MAY 45 MAY 45 RA-23501 CDE- 23506 AND 120° AT 2/3 RPM. ENCLOSED IN METAL NON-LOCKING LEVER SHITCH KEY TO CONTROL EQUIPMENT. ALSO INCLUDES 3 DC RELAYS. CABINET FOR BULKHEAD MTG. INPUT 110/1/60. CAIU- 23502 QDA
VOLTAGE REGULATOR CONTROL
UNIT: CONTAINS CONTROL EQUIPMENT FOR
TYPE CAIU-302319 TILT CONTROL VOLTAGE
REGULATOR AND TYPE CAIU-302320 TRANSMITTER-RECEIVER VOLTAGE REGULATOR. CONTAINS
SWITCHES, LINE CONTACTOR, RELAY, FUSES,
TERMINAL STRIPS AND ASSOCIATED WIRING.
4/28/45 KS-15168 - 1112 CH-23507 UN

SEND AND RECEIVE TERMINALS HI CARRIER AND VOICE BAY: CONSISTS OF
-23296 HI CARRIER TELEPHONE TERMINAL
PANEL (EAST), -23296 HI CARRIER TERMINAL
PANEL (WEST), -23297 SENDING LINE TERMINAL PANEL, -23300 RECEIVING LINE TERMINAL PANEL, -23303 RECEIVING VOICE CHAM5/18/45 X-66016K CM:X-66016K-1
LISTS 1 CW-23507 MAY 45 MAY 45 LISTS 1 CA1U- 23503 QDA cw-23507 CAIU- 25503 ODA
POWER CONTROL UNIT
MOUNTS IN TYPE CW-10535 TRANSMITTER-RECEIVER POWER CASINET, CONTAINS CONTROLS
AND INDICATING INSTRUMENTS FOR MEASURING
AND CONTROLLING THE OUTPUT OF TYPE CAIU20423 RECTIFIER POWER UNIT AND CAIU20422 RECTIFIER POWER UNIT. INCLUDES
4/28/45 KS-15159 NEL TERMINAL PANEL. -50101 AUDIO FRE-QUENCY AMPLIFIER, AND -50112 SENDING VOICE CHANNEL TERMINAL PAREL. CM- 23508 UN
THO SEND AND THO RECEIVE
VOICE TERMINAL BAY CONSISTS OF -23297
SENDING LINE TERMINAL PANEL, -23300 RECEIVING VOICE CHANNEL TERMINAL PANEL, CAIU- 23503 VOLIMETERS, SWITCHES, RELAYS, FUSES, TER-MINAL STRIPS ANS ASSOCIATED MIRING. ALSO HAS MOUNTED IN IT FUSES ASSOCIATED WITH UNITS IN THE TYPE CAIU-20424 TRANSMIT-TER-RECEIVER POWER SUPPLY AS WELL AS FUSES FOR PRIMARY OF HEATER AND PLATE -50101 AUDIO FREQUENCY AMPLIFIER. AND -50112-SENDING VOICE CHANNEL TERMINAL SUPPLY TO CRO. 5/18/45 X-66016M CW:X-66016M-1 MAY 45 -23504 GEN. USE RE 23F 242 DISTRIBUTION & TEST PANEL cw-23508 PANEL. FOR FOUR CHANNEL AUDIO DISTRIBUTION SYSTEMS. ACCOMMODATES I FEEDER AND 4 BRANCH LINES: 5/5/45 HAY 45 CANY-23505 DBD CANT-22207 DEC CONTROL UNIT COMECTS TO TYPE CANY-50260 GONIOMETER & COUDLING UNIT BY MEANS OF 50 FT. MULTI-CONDUCTOR CAZLE. OPERATOR MAY TAKE OR GIVE CONTROL BY DEPRESSING "TRANSFER COMINGL" SWITCH, INDICATORS ARE; RELA-TIVE AZIMUTH, FREQUENCY BAND, FREQUENCY, 5/7/45

CANY - 23505

ASSIGNED ISSUED

DATE

CATHODE RAY OSCILLOSCOPE AND CONTROL LIGHT. CONTROLS: BAND SWITCH, FREQUENCY CRANK, TRANSFER-CONTROL SWITCH, CM-VOICE SWITCH, POMER ON-OFF SWITCH, DIAL LIGHT RHEOSTAT, RECEIVER GAIN CONTROL, AUDIO VOLUME CONTROL, LEFT-RIGHT SWITCH FOR OPERATING GONIOMETER MANUALLY & FUNCTION SHITCH FOR SELECTING I OF 4 POSSIBLE ME-

THOOS OF RECEPTION. MANUSCHARES MANUSCHARES

MANUFACTURER'S CONFIDENTIAL ISSUED

DATE

MANUFACTURER'S DESIGNATION

MANHACTYMEA

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