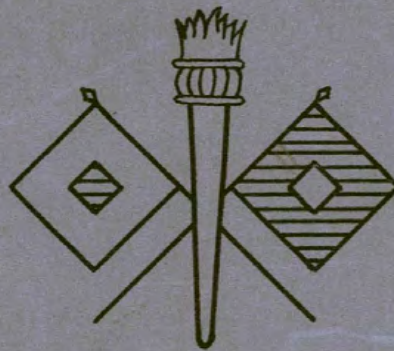


SIGNAL COMMUNICATION EQUIPMENT DIRECTORY

WILLIAM R. REED
2nd LT. SIGNAL & ORPS



PREPARED BY
MILITARY INTELLIGENCE BRANCH
COM C DIV OCSIGO

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APR 1943 ISSUE. COPY NO. 810


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**SIGNAL COMMUNICATION EQUIPMENT
DIRECTORY**

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COM C DIV OCSIGO**

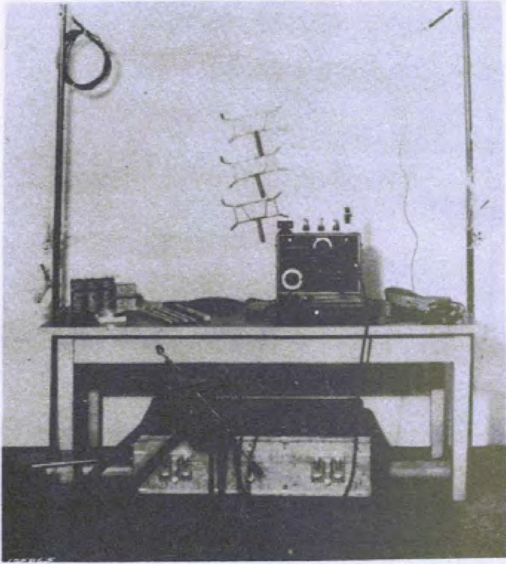
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THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: LIMITED STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-161		
	CHANGE IN STATUS:				
	PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (MO) TRANS. 4.37 TO 5.1. NUMBER OF CRYSTALS: NONE ANTENNA: LOOP LP-7 TUNING: (MO OR XTAL): MO SENSITIVITY: SELECTIVITY: POWER SOURCES: TRANS. - HAND GENERATOR RECVR. - DRY BATTERY 4-1/2 & 45 v. SIMILAR SOURCE: SCR-131 (DIFFERENT FREQUENCY) POWER OUTPUT: (WATTS) 5 TUBES: (TYPE AND NUMBER) 1 BC-151 TRANS.-RECVR. 1 - Type 10 3 - Type 864		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) USE: USED BY FIELD ARTILLERY. COMMAND COMMUNICATION BETWEEN DIV. ARTILLERY AND REGIMENT AND FROM REGIMENT TO BATTALIONS. ALSO USED FOR LIAISON PURPOSES BETWEEN ARTILLERY UNITS. ON GROUND: BHQ. LT. MED. & HVY. REGT. HQ. BN. HQ. RANGE: (MILES) 5 TO COMMUNICATE WITH: SCR-161, 288, AND 245-(). TO REPLACE IN PART: SCR-77-B AND 105. TRANSPORTATION: CARRIED IN VEHICLE, TWO-MAN PACK, OR HORSE PACK. TYPE OF SIGNAL: CW ONLY.		
	PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)				
	ITEM	DIMENSIONS			WEIGHT
	HEIGHT	WIDTH	DEPTH		
1 - BC-151 TRANS.-RECVR.				22 #	
1 - GN-35 HAND GENERATOR				20 1/4#	
1 - LP-7 LOOP ANTENNA				1 5/8#	
COMBINED WEIGHT OF COMPONENTS:				76#	
COMBINED VOLUME:				6 cu.Ft.	
SHIP TONNAGE:				90#	

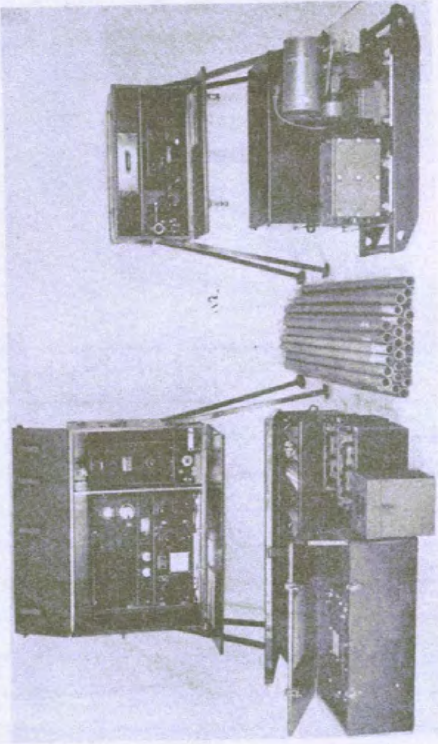
THIS SHEET IS CLASSIFIED: UNCLASSIFIED

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: LIMITED STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-171																																														
	CHANGE IN STATUS:		PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (MC) TRANS. 2.64 to 3.04. NUMBER OF CRYSTALS: NONE. PRESET FREQUENCIES: NONE ANTENNA: 60 FT. "L" TYPE WITH COUNTERPOISE ON GROUND. TUNING (MO OR XTAL): MO SENSITIVITY: SELECTIVITY: POWER SOURCE: TRANS.-HAND OPERATOR 10 & 400 V. RECVR.- 4.5 & 45 V. DRY BATTERIES. SIMILAR SETS: SCR-131, AND 161 (EXCEPT FREQUENCY AND ANTENNA). POWER OUTPUT: (WATTS) 5 TUBES: (TYPE AND NUMBER) 1 - TYPE 10 3 - TYPE 864	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION:) USE: USED BY INFANTRY, FIELD ARTILLERY, SIGNAL CORPS, AIR CORPS, FOR COMD. COM, BETWEEN DIV. HQ. AND BRIGADES. ALSO BETWEEN DIV. HQ AND REGIMENT. RANGE: (MILES) 15 TO COMMUNICATE WITH: SCR-171, 203, 245-(), 193, AND 238-A. TO REPLACE IN PART: SCR-79-A, AND 130. TRANSPORTATION: CARRIED IN VEHICLE, OPERATED ON GROUND. TYPE OF SIGNAL: CW ONLY.																																													
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)																																															
		<table border="1"> <thead> <tr> <th rowspan="2">ITEM</th> <th colspan="3">DIMENSIONS</th> <th rowspan="2">WEIGHT</th> <th rowspan="2">CLASSIFICATION</th> </tr> <tr> <th>HEIGHT</th> <th>WIDTH</th> <th>DEPTH</th> </tr> </thead> <tbody> <tr> <td>TRANS. & RECVR. 80-156</td> <td></td> <td></td> <td></td> <td>24 #</td> <td></td> </tr> <tr> <td>GENERATOR GN-35</td> <td></td> <td></td> <td></td> <td>20 1/4 #</td> <td></td> </tr> <tr> <td>ANTENNA AN-19</td> <td></td> <td></td> <td></td> <td>1.5 #</td> <td></td> </tr> <tr> <td>COMBINED WEIGHT OF COMPONENTS:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>COMBINED VOLUME:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>SHIP TONNAGE:</td> <td></td> <td></td> <td></td> <td>216 #</td> <td></td> </tr> </tbody> </table>					ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	TRANS. & RECVR. 80-156				24 #		GENERATOR GN-35				20 1/4 #		ANTENNA AN-19				1.5 #		COMBINED WEIGHT OF COMPONENTS:						COMBINED VOLUME:						SHIP TONNAGE:			
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COMBINED VOLUME:																																																	
SHIP TONNAGE:				216 #																																													
ARMY RADIO RECEIVING & TRANSMITTING EQUIPMENT TYPE SCR-171 ISSUED TO: HVY FA. BRIG. HQ. - REGT. HQ. - OBSN. BN. - BTY. HQ. - BLN. HQ. SIGNAL CORPS: INF. DIV. SIG. CO. INFANTRY: BRIG. HQ. RECEIVING & TRANSMITTING; FREQUENCY 2640 TO 3040 KILOCYCLES; SIMILAR TO SCR-131 & SCR-161 EXCEPT DIFFERENT FREQ. & INCREASED RANGE, DUE TO USE OF A SMALL ANTENNA INSTEAD OF A LOOP. RANGE 15 MILES.																																																	

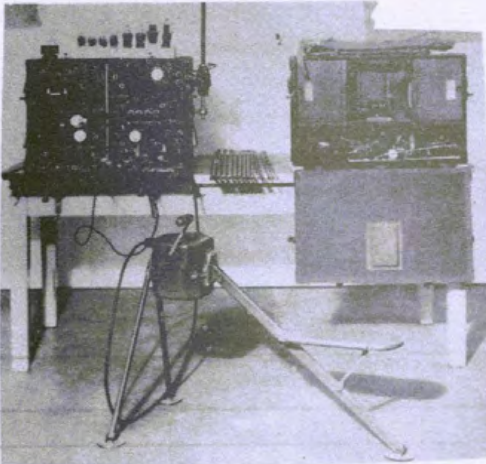
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-177																																		
	CHANGE IN STATUS:		<p>PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)</p> <p>FREQUENCY RANGE: (Mo) TRANS: $\frac{1}{4}$ to .8; 1.5 to 4.5 REOVR: $\frac{1}{4}$ to 1.0; 1.5 to 4.5.</p> <p>NUMBER OF CRYSTALS: NONE</p> <p>PRESET FREQUENCIES: NONE</p> <p>ANTENNA: CROW-FOOT $\frac{1}{4}$ to .8 Mo./1.5 to 4.5; INVERTED "L". AN-21-A, 22-A, 23, 25, 26, & 27.</p> <p>TUNING: (MO OR XTAL) MO</p> <p>SENSITIVITY: SELECTIVITY:</p> <p>POWER SOURCE: PE-49-A; BD-AA-69; BD-AB-69; BD-AC-69; BD-AD-69; BD-AE-69, WITH 12 V STORAGE BATTERY.</p> <p>✓ SIMILAR SETS: SCR-188</p> <p>POWER OUTPUT: (WATTS) 75 AT 85% MOD.</p> <p>TUBES: (TYPE AND NUMBER) TUBE CONTENT OF 177-A: 1 BC-189-A; 2 36; 1 38; 4 39/44, 1 BC-191-A; 1 10; 4 211.</p>	<p>PART B - MILITARY CHARACTERISTICS (CLASSIFICATION:)</p> <p>USE: <u>Sig Co</u>: Sig Bn, Div Sig Co, R.I. Co, AA Rest Hq, AA Bn Hq Co. <u>CAC</u>: (TD) BHQ, Rest Hq, Bn Hq. <u>RY ARTY</u>: (HD) BHQ, Rest Hq, Bn Hq, BTRY (LTRD) AC.</p> <p>RANGE: (MILES) CW-100; TONE-70; VOICE-30.</p> <p>TO COMMUNICATE WITH: SCR-177-(); 187; 193; 238-A; 287-A.</p> <p>TO REPLACE IN PART: SCR-132-A; 136.</p> <p>TRANSPORTATION: CARRIED IN VEHICLE OPERATED ON GROUND.</p> <p>TYPE OF SIGNAL: CW; TONE; VOICE; A.M.</p>																																		
 <p>SCL-115</p> <p>RADIO SET SCR-177-A Principal Components</p> <p>NAV 11-14-41. SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J. - REV. 11-55-115</p>			<p>PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)</p> <table border="1"> <thead> <tr> <th rowspan="2">ITEM</th> <th colspan="3">DIMENSIONS</th> <th rowspan="2">WEIGHT</th> <th rowspan="2">CLASSIFICATION</th> </tr> <tr> <th>HEIGHT</th> <th>WIDTH</th> <th>DEPTH</th> </tr> </thead> <tbody> <tr> <td>TRANS. BC-191 REOVR. BC-189</td> <td></td> <td></td> <td></td> <td></td> <td>RESTRICTED</td> </tr> <tr> <td>COMBINED WEIGHT OF COMPONENTS:</td> <td></td> <td></td> <td></td> <td>860#</td> <td></td> </tr> <tr> <td>COMBINED VOLUME:</td> <td></td> <td></td> <td></td> <td>20 Cu. Ft.</td> <td></td> </tr> <tr> <td>SHIP TONNAGE:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	TRANS. BC-191 REOVR. BC-189					RESTRICTED	COMBINED WEIGHT OF COMPONENTS:				860#		COMBINED VOLUME:				20 Cu. Ft.		SHIP TONNAGE:					
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O		STATUS: LIMITED STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.		NOMENCLATURE DESIGNATION: SCR-178																																																			
CHANGE IN STATUS:			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION:)																																																			
		FREQUENCY RANGE: (MO) TRANS. 2.4 - 3.7. RECVR. 2.4 - 3.7.		USE: USED BY FIELD ARTILLERY. ON GROUND: FA, MED., HVY. & LT. BN HQ, SHQ, REST HQ. FOR POINT TO POINT, AND GROUND TO PLANE BETWEEN ALL FA UNITS, (EXCEPT PACK) AND AIRCRAFT FOR OBSERVATION PURPOSES.																																																				
		NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: NONE ANTENNA: 27 FT. FISHPOLE WITH COUNTERPOISE. TUNING (MO OR XTAL): MO		RANGE: (MILES) POINT TO POINT: CW-25; TONE-20; VOICE-10. AIR TO GROUND: CW-100; TONE-75; VOICE-30. TO COMMUNICATE WITH: SCR-178, 179 AND 238-A																																																				
		SENSITIVITY: SELECTIVITY:		TO REPLACE IN PART: SCR-109-A.																																																				
		POWER SOURCE: TRANS.-HAND GENERATOR 8 & 500 V. RECVR.-DRY BATTERIES - 4 BA-2; 4 BA-25 AND 2 BA-27.		TRANSPORTATION: CARRIED IN VEHICLE.																																																				
		SIMILAR SETS:		TYPE OF SIGNAL: CW, TONE, VOICE.																																																				
		POWER OUTPUT: (WATTS) CW-25, TONE-20, VOICE 10. TONE - 100%, VOICE - 90% MODULATION.		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)																																																				
		TUBES: (TYPE AND NUMBER) TUBES: 1 BC-186, RECVR. 2 TYPE 30, 2 TYPE 34. 1 BC-187-A; 1 TYPE 10, 1 TYPE 865. 1 MODULATOR BC-188-A; 2 TYPE 30.		<table border="1"> <thead> <tr> <th rowspan="2">ITEM</th> <th colspan="3">DIMENSIONS</th> <th rowspan="2">WEIGHT</th> <th rowspan="2">CLASSIFICATION</th> </tr> <tr> <th>HEIGHT</th> <th>WIDTH</th> <th>DEPTH</th> </tr> </thead> <tbody> <tr> <td>1 -BC-187-(A) TRANS.</td> <td></td> <td></td> <td></td> <td>12.2#</td> <td></td> </tr> <tr> <td>1 -BC-188-(A) MODULATOR</td> <td></td> <td></td> <td></td> <td>6.1#</td> <td></td> </tr> <tr> <td>1 -BC-186 RECVR.</td> <td></td> <td></td> <td></td> <td>9.2#</td> <td></td> </tr> <tr> <td>1 - GENERATOR GN-37</td> <td></td> <td></td> <td></td> <td>30.0#</td> <td></td> </tr> <tr> <td colspan="4">COMBINED WEIGHT OF COMPONENTS:</td> <td>200 #</td> <td></td> </tr> <tr> <td colspan="4">COMBINED VOLUME:</td> <td>1 1/2 Cu. Ft.</td> <td></td> </tr> <tr> <td colspan="4">SHIP TONNAGE:</td> <td>22 1/2 #</td> <td></td> </tr> </tbody> </table>		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	1 -BC-187-(A) TRANS.				12.2#		1 -BC-188-(A) MODULATOR				6.1#		1 -BC-186 RECVR.				9.2#		1 - GENERATOR GN-37				30.0#		COMBINED WEIGHT OF COMPONENTS:				200 #		COMBINED VOLUME:				1 1/2 Cu. Ft.		SHIP TONNAGE:				22 1/2 #	
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		ARMY RADIO TRANSMITTING & RECEIVING EQUIPMENT FOR SCR-178.																																																						
		ISSUED TO FIELD ARTILLERY: LT. MED. HVY. & PACK BN. HQ.																																																						
		RADIO SET, TYPE SCR-178; HIGH FREQUENCY (3000 TO 4000 KILOCYCLES); 7.5 WATTS OUTPUT; RANGE UP TO 15 MILES; RECEIVING & TRANSMITTING, C.W., I.C.W. & TELEPHONE; FOR USE BY FIELD ARTILLERY UNITS TO PROVIDE AIR-GROUND FIRE CONTROL COMMUNICATION. IT IS ARRANGED FOR WAGON TRANSPORTATION.																																																						

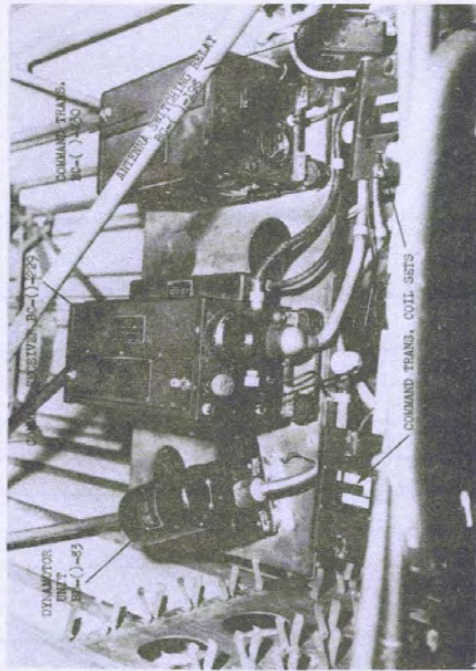
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: LIMITED STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-179		
	CHANGE IN STATUS:		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)	
	FREQUENCY RANGE: TRANS.: 2.4 - 3.7. RECVR.: 2.0-4.0 Mc/s.	USE: FIELD ARTILLERY, HORSE AND PACK ARTILLERY, OPERATED ON GROUND.			
	NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: NONE ANTENNA: 27' FISHPOLE WITH COUNTERPOISE. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY:	RANGE: (MILES) POINT-TO-POINT: CW-25; TONE-20; VOICE-10. AIR-TO-GROUND: CW-100; TONE-75; VOICE-30.			
POWER SOURCE: GN-27, 8 & 500 V DRY BATTERIES AS FOLLOWS: 4 BA-2; 4 BA-25; 2 BA-27.	TO COMMUNICATE WITH: SCR-178, 179, 238-A.				
SIMILAR SETS: SCR-178	TO REPLACE IN PART: SCR-109-A				
POWER OUTPUT: (WATTS) CW-5; TONE-3; VOICE-22. TONE-100%; VOICE-90% MODULATION.	TRANSPORTATION: HORSE PACK.				
TUBES: (TYPE AND NUMBER) 1 BC-186; 2 30; 2 34. 1 BC-187-A; 1 10; 1 865. 1 BC-188-A; 2 30.	TYPE OF SIGNAL: CW; TONE; VOICE. (A.M.)				
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
MODULATOR BC-188 TRANS. BC-187 RECVR. BC-186					
COMBINED WEIGHT OF COMPONENTS:				20 3/4	
COMBINED VOLUME:				5 CU. FT.	
SHIP TONNAGE:					

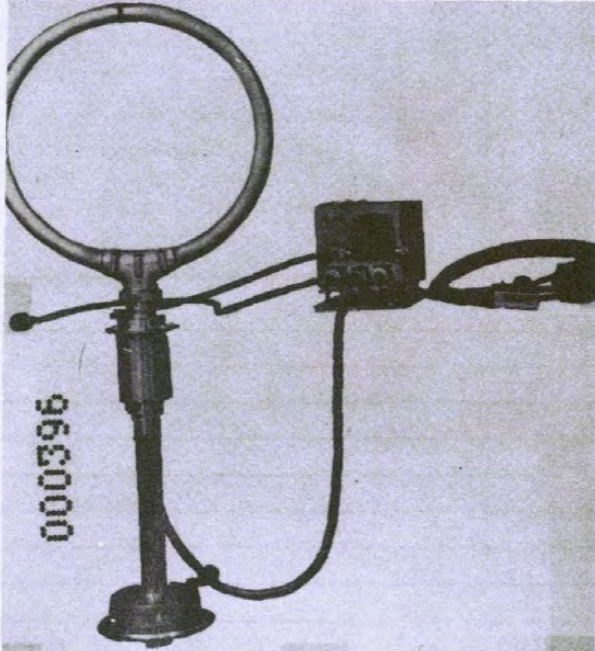
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	<h1>SCR-183</h1>
	CHANGE IN STATUS:		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)		
			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)		USE: COMMAND SET - PLANE-TO-PLANE; PLANE-TO-GROUND COMMUNICATIONS.
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		
<p style="writing-mode: vertical-rl; transform: rotate(180deg);"> 0-49 AIRPLANE ALBERT RADIO LABORATORY, WRIGHT FIELD, O. OFFICIAL PHOTOGRAPH - NOT FOR PUBLICATION </p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)		RANGE: (MILES) 30-45 MILES PLANE-TO-PLANE. 100-200 MILES PLANE-TO-GROUND.
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		
<p style="writing-mode: vertical-rl; transform: rotate(180deg);"> AFT OF OBSERVER'S POSITION INSTALLATION OF RADIO SCR-()-183 </p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)		TO COMMUNICATE WITH: OTHER EQUIPMENT WITHIN RANGE OF EACH OTHER COVERING SAME FREQUENCIES.
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		
<p style="writing-mode: vertical-rl; transform: rotate(180deg);"> (TUBE CONTENT SHOWN ABOVE PERTAINS TO SCR-AB-183) </p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)		TO REPLACE IN PART:
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		
<p style="writing-mode: vertical-rl; transform: rotate(180deg);"> TRANSPORTATION: AIRBORNE INSTALLATION. </p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)		TYPE OF SIGNAL: CW; TONE; VOICE.
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		
<p style="writing-mode: vertical-rl; transform: rotate(180deg);"> TYPE OF SIGNAL: CW; TONE; VOICE. </p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)		
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		
<p style="writing-mode: vertical-rl; transform: rotate(180deg);"> SHIP TONNAGE: </p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)		
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		
<p style="writing-mode: vertical-rl; transform: rotate(180deg);"> COMBINED WEIGHT OF COMPONENTS: </p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)		43.5# (INCLUDING MINOR COMP)
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		
<p style="writing-mode: vertical-rl; transform: rotate(180deg);"> COMBINED VOLUME: </p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)		1.5 CU. FT.
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		
<p style="writing-mode: vertical-rl; transform: rotate(180deg);"> SHIP TONNAGE: </p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)		
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		

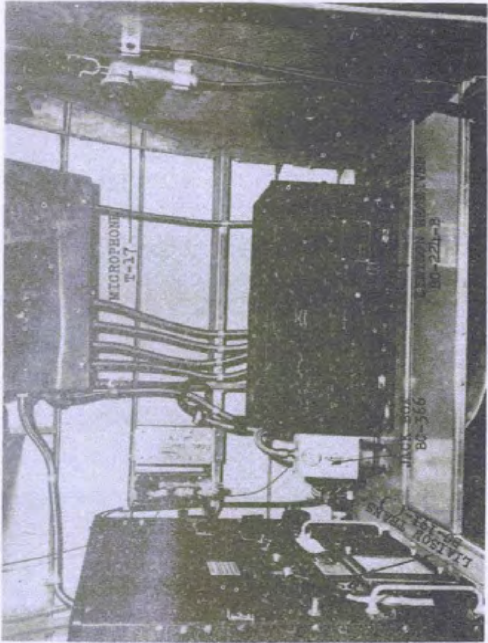
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS:	EXPERIMENTAL PROCUREMENT ONLY DEC, 1942	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	SCR-186		
	CHANGE IN STATUS:						
			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION:)		
			FREQUENCY RANGE: SCR-AA-186 - 194 to 1655 Kc. SCR-AB-196 - 196 to 1652 Kc. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: ANTENNA: LOOP & NONDIRECTIONAL (EITHER FIXED LOOP OR ROTATABLE LOOP) INSTALLED ON AIRPLANE. TUNING: (MD OR XTAL) REMOTE SINGLE TUNING CONTROL MD SENSITIVITY: 1/8" DEFLECTION SELECTIVITY: 1° FROM "ON COURSE" IN FIELD OF 20 V./METER POWER SOURCE: SIMILAR SETS: SCR-269, 242 POWER OUTPUT: (WATTS) TUBES: (TYPE AND NUMBER)		USE: TO PROVIDE RADIO DIRECTION FINDING AND HOMING FACILITIES FOR AIRCRAFT. PROVIDES VISUAL RIGHT-LEFT DIRECTIONAL INDICATION. USED WITH FIXED LOOP AS HOMING COMPASS OR WITH ROTATABLE LOOP AS DIRECTION FINDER. RANGE: (MILES) ACCURACY OF 1° WHEN HOMING OVER WATER 700 MI., OVER LAND 200 MI. FROM 50 KW. TRANS. TO COMMUNICATE WITH: SCR-242 TO REPLACE IN PART: TRANSPORTATION: AIRBORNE INSTALLATION TYPE OF SIGNAL:		
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: UNCLASSIFIED)							
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION	
		HEIGHT	WIDTH	DEPTH			
MODULATOR		7 7/16"	6 3/8"	13 5/32"	11.25	UNCLASSIFIED	
LOOP		24 3/8	20 9/16	7	3.75		
ROTATOR ASSEMBLY		19 9/32	5	4 3/4	9.5		
MOUNTING (FIXED)		2 13/16	5 1/2	7	3.6		
CONTROL BOX		5 11/16	6 9/16	2 3/8	3.75		
CABLE ASSEMBLY		3 1/8	3 1/4	3	1.6		
INDICATOR					1.25		
RADIO RECEIVER					13.4		
DYNAMOTOR UNIT					8.5		
JUNCTION BOX					2.1		
NOTE: DUE TO VARIATIONS IN AIRCRAFT INSTALLATIONS, BOTH WEIGHTS AND VOLUMES OF COMPLETE SETS VARY CONSIDERABLY AND THE FIGURES SHOWN ARE THEREFORE APPROXIMATE.							
COMBINED WEIGHT OF COMPONENTS:					58.70#		
COMBINED VOLUME:							
SHIP TONNAGE:							

THIS SHEET IS CLASSIFIED: RESTRICTED

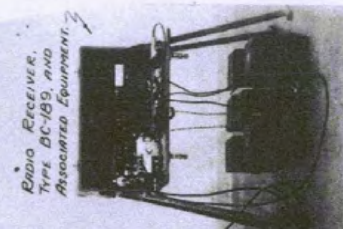
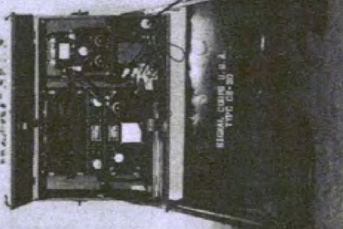

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	STANDARD DEC, 1942	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.		NOMENCLATURE DESIGNATION: SCR-187	
 <p style="text-align: right; margin-right: 50px;">AIR-43668-4</p> <p style="text-align: center;">C-50B & C-53 RADIO OPERATOR'S POSITION - LOCKING OUTBOARD AIRPLANES INSTALLATION OF RADIO SCR-187-A AND INTERPHONE RC-45 AIRCRAFT RADIO LABORATORY, WRIGHT FIELD, O. OFFICIAL PHOTOGRAPH - NOT FOR PUBLICATION</p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: RECVR. - 1.5 - 18 Mc. TRANS. - 1.5 - 12.5 Mc.; 200-900Kc; 600-1500Kc. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: NONE ANTENNA: TRAILING WIRE TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 - 14 VOLT AIRPLANE BATTERY SUPPLY SIMILAR SETS: SCR-287-() POWER OUTPUT: (WATTS) 30 - 60 WATTS. TUBES: (TYPE AND NUMBER) SCR-AA-187 TYPES: TRANS. - 4 VT-4-B 1 VT-25 RECVR. - 1 VT-37 1 VT-38 4 VT-49		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: AIR-TO-AIR, AIR-TO-GROUND COMMUNICATION LIAISON SET. RANGE: (MILES) 50 TO SEVERAL HUNDRED MILES. TO COMMUNICATE WITH: SCR-287, 183, 283, 274, AND 522. TO REPLACE IN PART: TRANSPORTATION: AIRBORNE INSTALLATION. TYPE OF SIGNAL: VOICE, TONE, CW.	
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)			
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
		HEIGHT	WIDTH	DEPTH		
RADIO TRANS. BC-191-()		21 21/32	23 1/8	9 5/16	55	RESTRICTED
RADIO RECVR. BC-224-()		18 21/32	10 1/2	9 1/2	40	RESTRICTED
DYNAMOTOR BD-77-()		11 21/32	16 3/4	8	4.4	RESTRICTED
RADIO CONTROL BOX BC-309		3 9/16	3 1/2	2 7/32	.42	RESTRICTED
ANTENNA TUNING UNIT BC-306-A		17 3/4	9 1/2	9 1/8	9.75	RESTRICTED
TRANSMITTING TUNING UNIT TU-3-()		7 5/8	16 3/4	8 3/4	13	
TRANSMITTING TUNING UNIT TU-5-()		7 5/8	16 3/4	8 3/4	13	
TRANSMITTING TUNING UNIT TU-6-()		7 5/8	16 3/4	8 3/4	13	
TRANSMITTING TUNING UNIT TU-7-()		7 5/8	16 3/4	8 3/4	13	
TRANSMITTING TUNING UNIT TU-8-()		7 5/8	16 3/4	8 3/4	13	
TRANSMITTING TUNING UNIT TU-9-()		7 5/8	16 3/4	8 3/4	13	
TRANSMITTING TUNING UNIT TU-10-()		7 5/8	16 3/4	8 3/4	13	
NOTE: DUE TO VARIATIONS IN AIRCRAFT INSTALLATIONS, BOTH WEIGHTS AND VOLUMES OF COMPLETE SETS VARY CONSIDERABLY AND THE FIGURES SHOWN ARE THEREFORE APPROXIMATE.						
COMBINED WEIGHT OF COMPONENTS:					250LBS. APPROX.	
COMBINED VOLUME:					6 CU. FT. APPROX.	
SHIP TONNAGE:						

24-21002

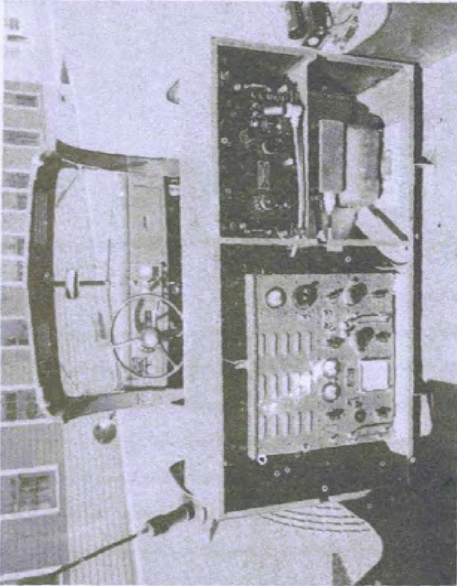
THIS SHEET IS CLASSIFIED: RESTRICTED

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIGO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: <h2 style="text-align: center;">SCR-188</h2>																																
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><i>RADIO RECEIVER, TYPE BC-189, AND ASSOCIATED EQUIPMENT.</i></p>  </div> <div style="text-align: center;"> <p><i>RADIO TRANSMITTER, TYPE BC-AA-191, AND ASSOCIATED EQUIPMENT.</i></p>  </div> </div> <div style="text-align: center; margin-top: 20px;"> <p><i>Power Unit, Type PE-49</i></p>  </div> <p style="font-size: small; margin-top: 10px;"> <i>RADIO RECEIVING AND TRANSMITTING EQUIPMENT, TYPE S.R.-188. ISSUED TO THE AIR SERVICE; PURSUIT WING - GR. No. - 39. Hp. RECEIVING AND TRANSMITTING FOR GROUND USE; TRANSMITTING FREQUENCY 6200 TO 7700 KILOCYCLES; RECEIVING FREQUENCY 6200 TO 8000 KILOCYCLES. DESIGNED TO GIVE RANGES OF 100 MILES BY CONTINUOUS WAVE, 45 MILES BY TONE MODULATED WAVE, AND 30 MILES BY VOICE.</i> </p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)																																
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)	USE: AC PURSUIT: SQDN, SRP, WNG. ATTACK : SQDN, SRP, WNG. Obs. Sig Co : AWS Co.																																
			FREQUENCY RANGE: TRANS: 1.5 - 12.5. RECVR.: 0.4 - 12.5 Mc/s. NUMBER OF CRYSTALS: 1 AS XTAL OSCILLATOR. PRESET FREQUENCIES: ANTENNA: INVERTED L (1/2 OR 3/4 WAVE). AN-22-A, 23-A, 25, 26, 27, & 28. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: PE-49-A; BD-AA-69; BD-AB-69; BD-AC-60; BD-AD-69; BD-AE-69, WITH 12 V STORAGE BATTERY. SIMILAR SETS: SCR-177 EXCEPT FREQUENCY. POWER OUTPUT: (WATTS) 75 AT 85% MODULATION TONE; VOICE. TUBES: (TYPE AND NUMBER) 1 BC-189-A; 3 TYPE 36; 1 TYPE 38; 4 TYPE 39/WL. 1 BC-AA-191; 1 TYPE 10; 4 TYPE 211 SPL.	RANGE: (MILES) CW-100; TONE-70; VOICE-30. TO COMMUNICATE WITH: SCR-()-183; 187; 188; 197; 240-A; 259-A; 261-A; 274-N; 283; 287; 238-A. TO REPLACE IN PART: NONE TRANSPORTATION: VEHICLES OR PLANES (OPERATED ON GROUND ONLY). TYPE OF SIGNAL: CW; TONE; VOICE. (A.M.)																																
			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ITEM</th> <th colspan="3">DIMENSIONS</th> <th rowspan="2">WEIGHT</th> <th rowspan="2">CLASSIFICATION</th> </tr> <tr> <th>HEIGHT</th> <th>WIDTH</th> <th>DEPTH</th> </tr> </thead> <tbody> <tr> <td>TRANSMITTER BC-AA-191 RECEIVER BC-189-A</td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">RESTRICTED</td> </tr> <tr> <td>COMBINED WEIGHT OF COMPONENTS:</td> <td></td> <td></td> <td></td> <td style="text-align: center;">1,150#</td> <td></td> </tr> <tr> <td>COMBINED VOLUME:</td> <td></td> <td></td> <td></td> <td style="text-align: center;">25 CU. FT.</td> <td></td> </tr> <tr> <td>SHIP TONNAGE:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	TRANSMITTER BC-AA-191 RECEIVER BC-189-A					RESTRICTED	COMBINED WEIGHT OF COMPONENTS:				1,150#		COMBINED VOLUME:				25 CU. FT.		SHIP TONNAGE:					
ITEM	DIMENSIONS				WEIGHT	CLASSIFICATION																														
	HEIGHT	WIDTH	DEPTH																																	
TRANSMITTER BC-AA-191 RECEIVER BC-189-A					RESTRICTED																															
COMBINED WEIGHT OF COMPONENTS:				1,150#																																
COMBINED VOLUME:				25 CU. FT.																																
SHIP TONNAGE:																																				

THIS SHEET IS CLASSIFIED: RESTRICTED

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	<h1 style="text-align: center;">SCR-193</h1>																																	
	CHANGE IN STATUS:																																					
			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)																																			
			PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)																																			
FREQUENCY RANGE: (Mo) TRANS.: 1.5 - 4.5. REOVR.: 1.5 - 18.0.			USE: CAV.: RON SQ, HQ TR (H&M), SERV. TR. (H&M). EMGRS: BN, AVN, REPT, ARMD BN. SIG C: CO ARMD, CO & TR OPN. TANKS, SCOUT CARS, HALF TRACKS ETC.																																			
NUMBER OF CRYSTALS: NONE IN TRANS. 1 IN REOVR.			RANGE: (MILES) STATIONARY - CW-60; TONE-30; VOICE-20. MOVING - CW-30; TONE-20; VOICE-15.																																			
PRESET FREQUENCIES: NONE			TO COMMUNICATE WITH: SCR-131; 171; 177; 178; 187; 193; 203; 209; 210; 238-A; 245; 255-A; 287.																																			
ANTENNA: 15' FISHPOLE ON FLEXIBLE MAST BASE MP-14 OR MP-37.			TO REPLACE IN PART: SCR-193																																			
TUNING: (MO OR XTAL) MO			TRANSPORTATION: LT. TANKS M2, MED TANK T4, COMBAT CAR M-1, SCOUT CAR M-2, ARMD CAR T-11, ARMD CAR M-1.																																			
SENSITIVITY: SELECTIVITY:			TYPE OF SIGNAL: CW; TONE; VOICE; (A.M.)																																			
POWER SOURCE: DYNAMOTOR UNIT BO-77 - DYNAMOTOR INTEGRAL - 12 V CAR BATTERY.			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)																																			
SIMILAR SETS: GROUND SET VERSION SCR-177.			<table border="1"> <thead> <tr> <th rowspan="2">ITEM</th> <th colspan="3">DIMENSIONS</th> <th rowspan="2">WEIGHT</th> <th rowspan="2">CLASSIFICATION</th> </tr> <tr> <th>HEIGHT</th> <th>WIDTH</th> <th>DEPTH</th> </tr> </thead> <tbody> <tr> <td>TRANS. BO-191 REOVR. BO-312</td> <td></td> <td></td> <td></td> <td></td> <td>RESTRICTED RESTRICTED</td> </tr> <tr> <td colspan="4">COMBINED WEIGHT OF COMPONENTS:</td> <td>200 #</td> <td></td> </tr> <tr> <td colspan="4">COMBINED VOLUME:</td> <td>7 CU. FT.</td> <td></td> </tr> <tr> <td colspan="6">SHIP TONNAGE:</td> </tr> </tbody> </table>			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	TRANS. BO-191 REOVR. BO-312					RESTRICTED RESTRICTED	COMBINED WEIGHT OF COMPONENTS:				200 #		COMBINED VOLUME:				7 CU. FT.		SHIP TONNAGE:					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION																																	
	HEIGHT	WIDTH	DEPTH																																			
TRANS. BO-191 REOVR. BO-312					RESTRICTED RESTRICTED																																	
COMBINED WEIGHT OF COMPONENTS:				200 #																																		
COMBINED VOLUME:				7 CU. FT.																																		
SHIP TONNAGE:																																						
POWER OUTPUT: (WATTS) 75 AT 100% MODULATED.			TUBES: (TYPE AND NUMBER)																																			
8 VT-4-B; 4 IN USE, 4 SPARE.			2 VT-25; 1 IN USE, 1 SPARE.																																			
6 VT-35; 3 IN USE, 3 SPARE.			2 VT-38; 1 IN USE, 1 SPARE.																																			
8 VT-49; 4 IN USE, 4 SPARE.																																						

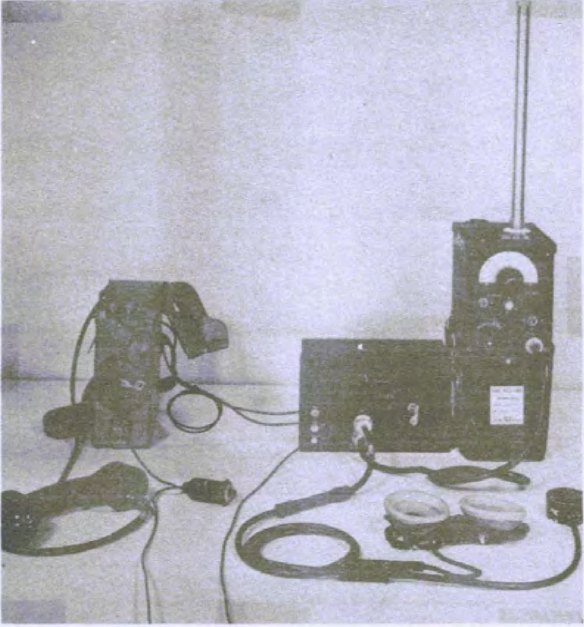
RESTRICTED

 RADIO SET SCR-193-E
 Installation in Truck, 1/2-Ton 4 x 4 Command (Radio)

DIV 9-18-40 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J. - WA 88-534

THIS SHEET IS CLASSIFIED: RESTRICTED

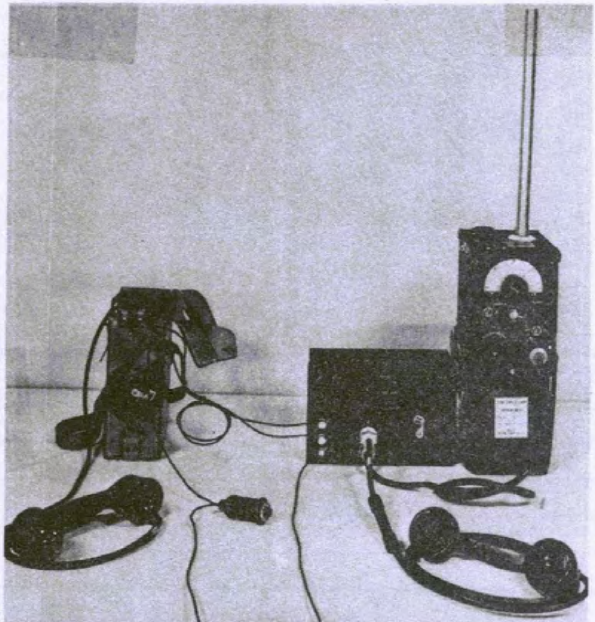
THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OCSIGO	STATUS: LIMITED STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-194			
		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (Mc) 27.2 to 52.75 NUMBER OF CRYSTALS: 1 FOR CALIBRATION. PRESET FREQUENCIES: NONE. ANTENNA: ADJUSTABLE ROD FOR GROUND USE (12 SECTIONS MAX.). THREE SECTION FISHPOLE FOR VEHICLE. 1/2-RHOMBIC ANTENNA EQUIPMENT RC-63 MAY BE ADDED FOR GREATER DISTANCE. TUNING (MO OR XTAL): MO SENSITIVITY: SELECTIVITY: POWER SOURCE: DRY BATTERIES BA-32. SIMILAR SETS: SCR-195 EXCEPT FOR FREQUENCY. POWER OUTPUT: (WATTS) .5 @ 60% MODULATION. TUBES: (TYPE AND NUMBER) 8C-222 TRANSOEIVER, 1 TYPE 35 1 TYPE 30 SPL.		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: USED BY FIELD ARTILLERY, SIGNAL CORPS, ARMORED FORCES. RANGE: (MILES) 5 TO COMMUNICATE WITH: SCR-194 ONLY. TO REPLACE IN PART: SCR-161 FOR SHORT RANGE LIAISON. TRANSPORTATION: MAN PACK OR IN VEHICLE. TYPE OF SIGNAL: VOICE.		
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)				
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
		HEIGHT	WIDTH	DEPTH		
RECVR. & TRANS. 8C-222 IN BAG WITH BATTERIES, ANTENNA, HEADSET, AND MICROPHONE.		1	CUBIC FOOT		25.10#	
AUXILIARY EQUIPMENT AND SPARE PARTS IN CHEST CH-33		2	CUBIC FEET		64.14#	
COMBINED WEIGHT OF COMPONENTS:					90 #	
COMBINED VOLUME:					1.1 Cu.Ft.	
SHIP TONNAGE:					103 #	

 REMOTE CONTROL SET-UP
 FOR RADIO SET SCR-194

THIS SHEET IS CLASSIFIED: RESTRICTED

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS:	LIMITED STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-195			
	CHANGE IN STATUS:		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		
			FREQUENCY RANGE: (Mc) 52.25 - 66.25 NUMBER OF CRYSTALS: 1 USED FOR CALIBRATION, REFERENCE. PRESET FREQUENCIES: NONE. ANTENNA: 8 SECTION -ADJUSTABLE ROD FOR GROUND USE. TWO SECTION FISHPOLE ON FLEXIBLE MOUNTING FOR VEHICLE. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: DRY BATTERIES BA-32. SIMILAR SETS: SCR -194 EXCEPT FOR FREQUENCY. POWER OUTPUT: (WATTS) .5 60% MODULATION. TUBES: (TYPE AND NUMBER) "WALKIE-TALKIE 1 BC-322; TUBES: 1 TYPE 33 1 TYPE 30 SPL.		USE: USE BY THE INFANTRY, SIGNAL CORPS, PARACHUTE BATTALIONS. POINT TO POINT COMMUNICATION. RANGE: (MILES) 3 TO COMMUNICATE WITH: SCR-195 ONLY. TO REPLACE IN PART: NONE. TRANSPORTATION: MAN PACK, OR IN VEHICLE. TYPE OF SIGNAL: VOICE.		
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)				
			ITEM				
			DIMENSIONS				
			HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
						26.85#	
						64.14#	
						91 #	
						1,100. FT.	
						104 #	
			COMBINED WEIGHT OF COMPONENTS:				
			COMBINED VOLUME:				
			SHIP TONNAGE:				

SIGNAL CORPS LABORATORIES • FORT MONMOUTH, N.J.



REMOTE CONTROL SET-UP
FOR RADIO SET SCR-195

APRIL 16, 1941

SCL-741

THIS SHEET IS CLASSIFIED: RESTRICTED

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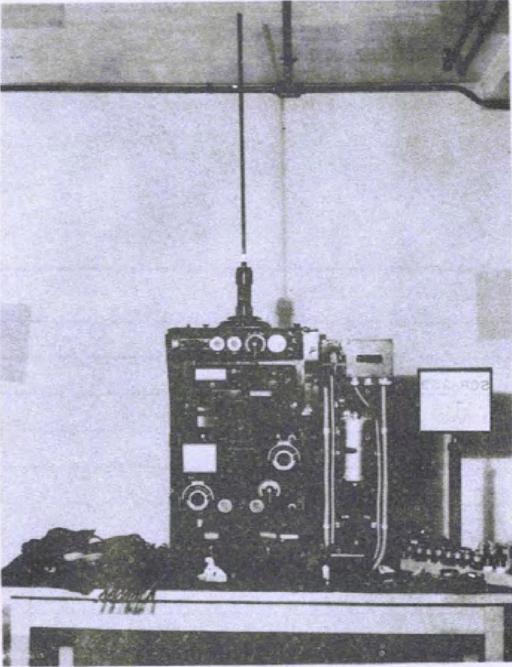
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-197						
		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (Mo) TRANS. 1.5 - 18.0. REOVR. 1.5 - 18.0. NUMBER OF CRYSTALS: TRANS. - 5; 1 IN EACH REOVR. PRESET FREQUENCIES: 5 XTAL AND 5 MECHANICAL. ANTENNA: 100 WITH COUNTERPOISE, SUSPENDED BETWEEN TRUCK AND SECTIONAL MAST OR 7 SECTION 40' POLE TYPE ANTENNA. TUNING: (MO OR XTAL) MO AND XTAL. SENSITIVITY; SELECTIVITY: POWER SOURCE: TRANS.: COMMERCIAL 220/110 V 60 GENERATOR GN-42-A. REOVR.: COMMERCIAL 110 V 60 POWER UNIT PE-75-(). SIMILAR SETS: SCR-299 POWER OUTPUT: (WATTS) CW-400; TONE-125; VOICE- 125 100% MODULATION. TUBES: (TYPE AND NUMBER) SCR-197-A USES: 6 VT-42- A; 6 VT-46-A; 12 VT-65; 9 VT-66; 6 VT-76; 3 VT-80; 3 VT-83; 6 VT-84; 24 VT-86; 6 VT-87; 6 VT-88; 6 VT-97; 12 VT-101; 9 VT-106; 3 TYPE 913; 6 TYPE KU-610.			PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: SIGNAL CORPS SCHOOLS. RANGE: (MILES) CW & STATIONARY - 1000. TO COMMUNICATE WITH: SCR-()-183; 177; 188; 197; 200; 261-A; 274-N; ()-283; 187; 238-A. TO REPLACE IN PART: NONE TRANSPORTATION: VEHICULAR. TYPE OF SIGNAL: CW; TONE; VOICE.				
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)							
		ITEM			DIMENSIONS			WEIGHT	CLASSIFICATION
					HEIGHT	WIDTH	DEPTH		
		TRANSMITTER BC-325 RECEIVER BC-342 (3) TRUCK K-18 TRAILER K-19							RESTRICTED RESTRICTED
		COMBINED WEIGHT OF COMPONENTS:						15,000# APPROX.	
COMBINED VOLUME:						1947 CU. FT.			
SHIP TONNAGE:									

SIGNAL CORPS LABORATORIES, FORT MONMOUTH, N. J.

 RADIO SET SCR-197-A
 INTERIOR VIEW OF TRAILER K-19-A
 SHOWING RADIO OPERATOR'S SECTION

THIS SHEET IS CLASSIFIED: RESTRICTED

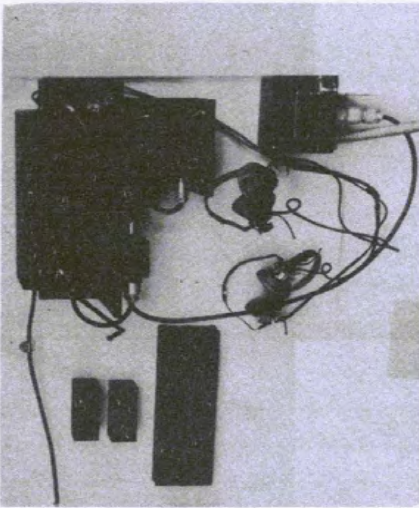
THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	SCR-209			
CHANGE IN STATUS:			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (MC) TRANS. 2.2 - 2.6. RECVR. 1.5 - 18.0. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: ANTENNA: 15' 5 SECTION FISHPOLE ON MP-14 OR 37. TUNING: (MO OR XTAL) SENSITIVITY: SELECTIVITY: POWER SOURCE: TRANS. PE-48. RECVR. DYNAMOTOR UNIT BD-69. SIMILAR SETS: POWER OUTPUT: (WATTS) CW-8.5; TONE-7.5; VOICE-7.5 60% Mod. TONE, 40% VOICE. TUBES: (TYPE AND NUMBER) 2 VT-25 3 VT-36 1 VT-38 4 VT-49 1 VT-50		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: USE: COMBAT AND SCOUT CARS. RANGE: (MILES) STATIONARY: CW-30; TONE-20; VOICE-5. MOVING: CW-10; TONE-6; VOICE-3. TO COMMUNICATE WITH: SCR-193; 203; 209; 210; 238-A. TO REPLACE IN PART: SCR-189; 199. TRANSPORTATION: VEHICLES. TYPE OF SIGNAL: CW; TONE; VOICE.			
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
				HEIGHT	WIDTH	DEPTH		
			TRANSMITTER BC-176-A RECEIVER BC-189					
			COMBINED WEIGHT OF COMPONENTS:				165#	
COMBINED VOLUME:				4 Cu. Ft.				
SHIP TONNAGE:								

24-21282

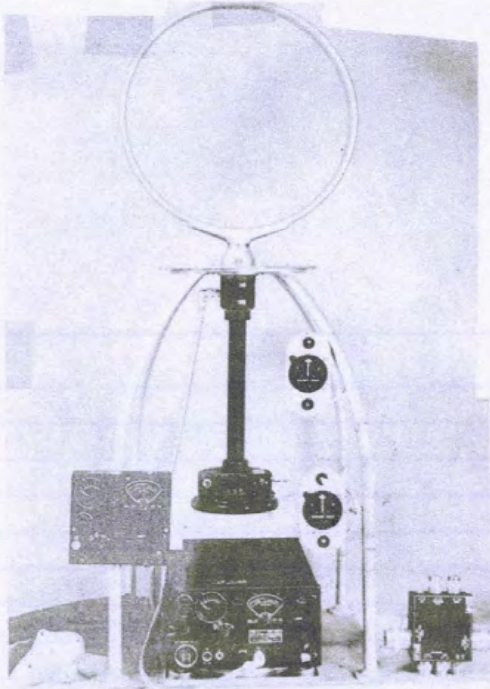
THIS SHEET IS CLASSIFIED: UNCLASSIFIED

THIS SHEET IS CLASSIFIED RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: LIMITED STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-210			
	CHANGE IN STATUS:		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: 1.5 - 18.0 (RECEIVER ONLY) NUMBER OF CRYSTALS: 1 AS SELECTIVITY CONTROL. PRESET FREQUENCIES: NONE ANTENNA: 15' 5 SECTION FISHPOLE ON MP-14 OR 37. TUNING: (MO OR XTAL) SENSITIVITY: SELECTIVITY: POWER SOURCE: DYNAMOTOR INTEGRAL /12V OR 24V CAR BATTERY. SIMILAR SETS: POWER OUTPUT: (WATTS) TUBES: (TYPE AND NUMBER) SCR-210-A USES 1 BC-312: 2 6C5 1 6F6 2 6K7 1 6L7 1 6RTGT 2 6K7GT	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: USE: SIGNAL CORPS SCHOOL & ARMD F REPL TRNS GEN BY BN ARMS. IN ANY VEHICLE WHERE SEPARATE RECEIVER IS REQUIRED . RANGE: (MILES) TO COMMUNICATE WITH: TO REPLACE IN PART: SCR-190 TRANSPORTATION: VEHICLE TYPE OF SIGNAL: CW; TONE; VOICE.		
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)				
		ITEM	DIMENSIONS HEIGHT WIDTH DEPTH			WEIGHT
RECEIVER BC-312 ORIGINAL MODEL USES RECVR. BC-189						RESTRICTED
COMBINED WEIGHT OF COMPONENTS:					71#	
COMBINED VOLUME:					2 CU.FT.	
SHIP TONNAGE:						

THIS SHEET IS CLASSIFIED RESTRICTED

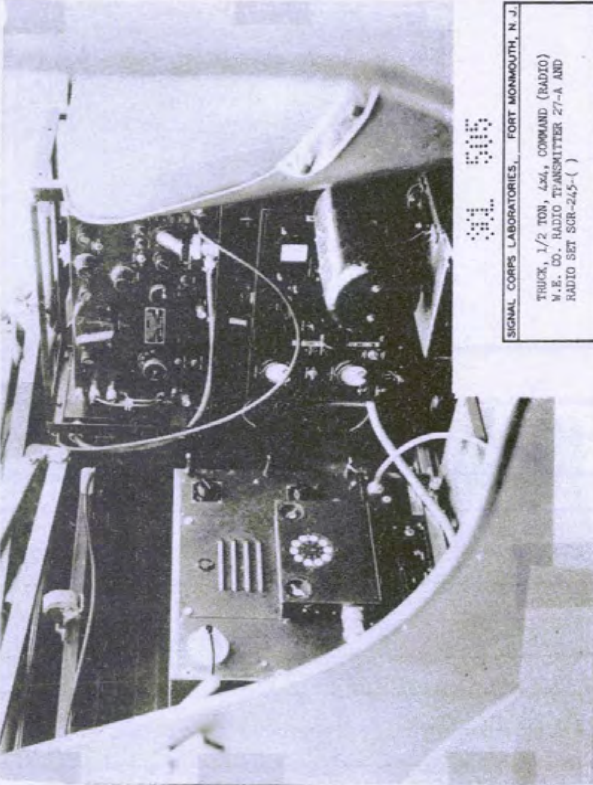
THIS SHEET IS CLASSIFIED RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS:	LIMITED STANDARD Feb. 9, 1943	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	SCR-242	
	CHANGE IN STATUS:					
			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)	
			FREQUENCY RANGE: (Mc) .15 - 1.5, 1.75 WITH MODIFICATION KITS. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: --- ANTENNA: VERTICAL MAST 5' OR T ₆ ' & LOOP ANTENNA MOUNTED ON AIRPLANE WITH REMOTE CONTROL OF ROTATION. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 1½ VOLT D.C. AND DYNAMOTOR DM-18 SIMILAR SETS: SCR-126 POWER OUTPUT: (WATTS) RECEIVES ONLY. TUBES: (TYPE AND NUMBER) 1 VT-66 6 VT-86 1 VT-87 1 VT-93 1 VT-94 2 VT-96		USE: AURAL RECEPTION OF MODULATED RADIO FREQUENCY ENERGY OR VISUAL UNIDIRECTIONAL, RIGHT-LEFT INDICATION OF THE DIRECTION OF ARRIVAL OF RADIO FREQUENCY ENERGY WITH RESPECT TO THE PLANE OF THE LOOP AND SIMULTANEOUS "ON COURSE" AURAL RECEPTION OF MODULATED RADIO FREQUENCY ENERGY. NAVIGATION & HOMING AID IN AIRCRAFT. RANGE: (MILES) --- TO COMMUNICATE WITH: --- TO REPLACE IN PART: SCR-126 TRANSPORTATION: AIRCRAFT INSTALLATION. TYPE OF SIGNAL: RECEIVES CW; TONE; VOICE.	
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION RESTRICTED)						
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
		HEIGHT	WIDTH	DEPTH		
BC-310-A RADIO COMPASS UNIT		7 1/8	18 1/2	11 5/8	42.1	RESTRICTED
BC-311-A CONTROL BOX		7	7	3 3/4	5.2	RESTRICTED
LP-13-A LOOP		23 3/4	20 3/4	2 1/4	3.5	RESTRICTED
CS-8-A LOOP MOUNTING		22 1/2	7 1/2	7 1/2	9.2	RESTRICTED
M-169-A LOOP MOUNTING CAP		2 1/4	2 1/4	1 5/8	0.2	RESTRICTED
I-65 COMPASS INDICATOR		3 1/4	3 1/4	3	1.3	RESTRICTED
MC-124 TUNING SHAFT		3/4	3/4		1.8	RESTRICTED
MC-127 TUNING UNIT		1 1/2	1 1/2	1 1/4	0.1	RESTRICTED
TM-180-A JUNCTION BOX (FOR PLANES WHICH DO NOT CONTAIN BUILT IN PANEL OR JUNCTION BOX).		5 3/8	6 3/4	2 13/16	1.7	RESTRICTED
COMBINED WEIGHT OF COMPONENTS:					65.4	
COMBINED VOLUME:					65.1 WITH TM-180-A	
SHIP TONNAGE:					0.025 APPROX.	

24-71297

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OC SIGO	STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-245																																																	
	CHANGE IN STATUS:		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (Mo) TRANS. 2.0 - 4.5. MAY BE EXTENDED TO 5.2 Mo. BY USING TU-25-A. RECVR. 1.5 - 18.0. NUMBER OF CRYSTALS: 4 IN TRANS. 1 IN RECVR. PRESET FREQUENCIES: ANTENNA: 15 FT., FIVE SECTION FISHPOLE ON FLEXIBLE MAST BASE MP-14 OR 37. TUNING: (MO OR XTAL) BOTH. SENSITIVITY: SELECTIVITY: POWER SOURCE: TRANS.: DYNAMOTOR UNIT 12 OR 24 V. BATTERY. RECVR.: INTERNAL DYNAMOTOR 12 V. BATTERY. SIMILAR SETS: POWER OUTPUT: (WATTS) 10 100% MODULATION. TUBES: (TYPE AND NUMBER) 1 BC-223-A TRANS.; 2 TYPE 6D1-A & 3 TYPE 46; 1 BC-312; () RECVR.; 2-605; 1-5-F; 2-6-K; 7-NOTE: D & 7-GI AUTHORIZED RECDP LV; 2-2-6-K; 7-NOTE: D & 7-GI AUTHORIZED RECDP		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: Used by AF, Sig C, INF, Cav, FA. RANGE: (MILES) CW-45; TONE-35; VOICE 20. TO COMMUNICATE WITH: SCR-131, 171, 177-(), 187-(), 193-(), 203, 209-(), 210-(), 238-A, 245-(), 259-A, 267-(), AND 268. TO REPLACE IN PART: SCR-189, 193-(), 199, AND 209-(). TRANSPORTATION: TRANSPORTED AND OPERATED IN VEHICLES TYPE OF SIGNAL: CW; TONE; VOICE.																																																
 <p style="font-size: small; text-align: center;">SIGNAL CORPS LABORATORIES, FORT MONMOUTH, N. J. TRUCK, 1/2 TON, L54, COMMAND (RADIO) M. I. CO. RADIO TRANSMITTER 27-A AND RADIO SET SCR-245-()</p>			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)																																																		
			<table border="1"> <thead> <tr> <th rowspan="2">ITEM</th> <th colspan="3">DIMENSIONS</th> <th rowspan="2">WEIGHT</th> <th rowspan="2">CLASSIFICATION</th> </tr> <tr> <th>HEIGHT</th> <th>WIDTH</th> <th>DEPTH</th> </tr> </thead> <tbody> <tr> <td>TRANS. BC-223</td> <td>14 1/2"</td> <td>20 1/8"</td> <td>8 3/4"</td> <td>26.5#</td> <td></td> </tr> <tr> <td>RECVR. BC-312</td> <td>10 5/8"</td> <td>18 "</td> <td>8 5/8"</td> <td>42 #</td> <td></td> </tr> <tr> <td>VEHICULAR ANTENNA</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td></td> </tr> <tr> <td>DYNAMOTOR UNIT PE-55</td> <td>12 "</td> <td>13 3/8"</td> <td>7 5/8"</td> <td>33 #</td> <td></td> </tr> <tr> <td colspan="4">COMBINED WEIGHT OF COMPONENTS:</td> <td>285#</td> <td></td> </tr> <tr> <td colspan="4">COMBINED VOLUME:</td> <td>5 Cu. Ft.</td> <td></td> </tr> <tr> <td colspan="6">SHIP TONNAGE:</td> </tr> </tbody> </table>			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	TRANS. BC-223	14 1/2"	20 1/8"	8 3/4"	26.5#		RECVR. BC-312	10 5/8"	18 "	8 5/8"	42 #		VEHICULAR ANTENNA	-	-	-	-		DYNAMOTOR UNIT PE-55	12 "	13 3/8"	7 5/8"	33 #		COMBINED WEIGHT OF COMPONENTS:				285#		COMBINED VOLUME:				5 Cu. Ft.		SHIP TONNAGE:		
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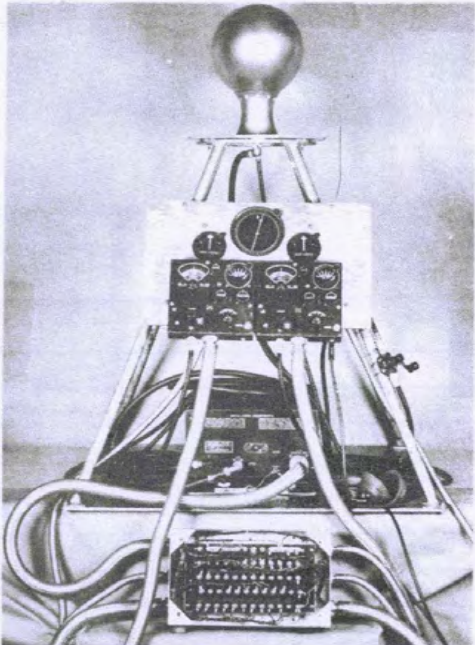
THIS SHEET IS CLASSIFIED RESTRICTED

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: LIMITED STANDARD DEC, 1942	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.		NOMENCLATURE DESIGNATION: SCR-246		
	CHANGE IN STATUS:	PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		
<p> LOOP 17-17-A CONTROL BOX BC-374-A RADIO COMPASS SCR-246 INDICATOR I-735-A PRINCIPAL COMPONENTS AIRCRAFT RADIO LABORATORY, WRIGHT FIELD, OHIO </p>		FREQUENCY RANGE: (Mc) 195 - 420 Ko. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: NONE ANTENNA: 8" LOOP & NONDIRECTIONAL (USUALLY VERTICAL) NO LOCAL, ONE REMOTE CONTROL POSITION. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 VOLT STORAGE BATTERY AND DM-29. SIMILAR SETS: SCR-276 EXCEPT FOR INPUT VOLTAGE. POWER INPUT: (WATTS) 70 WATTS CONSUMPTION. TUBES: (TYPE AND NUMBER) SCR-246-A USES 1-BC-373-A 2 - 6C5 1 - 6K7 1 - 6L7 2 - 6J7 2 - 6B8 1 - 6V6		USE: NAVIGATIONAL INSTRUMENT. RADIO COMPASS HOMING DEVICE. PROVIDES VISUAL, UNIDIRECTIONAL RIGHT-LEFT INDICATION SHOWING DIRECTION OF THE RADIO SIGNAL SOURCE WITH RESPECT TO THE AIRCRAFT HEADING. MAY ALSO BE USED AS A RADIO RANGE OR RADIO BROADCAST RECEIVER PROVIDING AURAL RECEPTION OF MODULATED SIGNALS. RANGE: (MILES) TO COMMUNICATE WITH: RECEIVES ONLY RADIO BEACON TRANSMISSION. TO REPLACE IN PART: TRANSPORTATION: AIRCRAFT INSTALLATION. TYPE OF SIGNAL: MCW		
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)				
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
		HEIGHT	WIDTH	DEPTH		
BC-373 RADIO COMPASS UNIT						RESTRICTED
BC-374 RADIO CONTROL BOX						RESTRICTED
LP-17 LOOP						
I-735-(A) COMPASS INDICATOR						RESTRICTED
NOTE: DUE TO VARIATIONS IN AIRCRAFT INSTALLATIONS BOTH WEIGHTS AND VOLUMES OF COMPLETE SETS VARY CONSIDERABLE AND THE FIGURES SHOWN ARE THEREFORE APPROXIMATIONS.						
COMBINED WEIGHT OF COMPONENTS:					38.5 LBS.	
COMBINED VOLUME:		8"	8"	15 5/8"		
SHIP TONNAGE:						

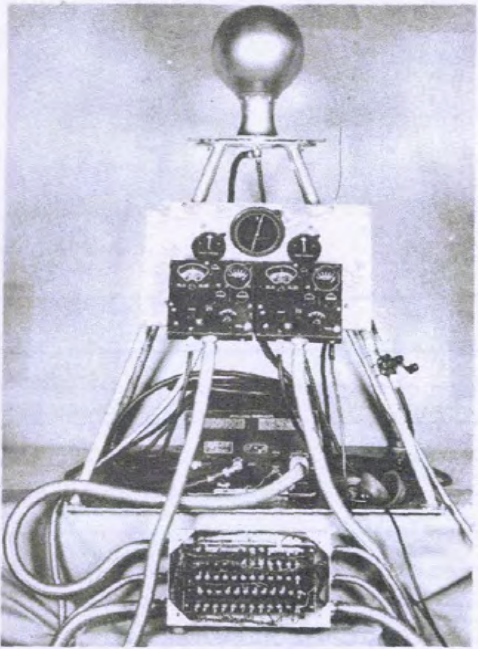
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: LIMITED STANDARD Dec, 1942	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-263																																							
	CHANGE IN STATUS:		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Kc) 200 to 1,750 (IN 3 BANDS) NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: ANTENNA: 8 ^m LOOP & NONDIRECTIONAL ANTENNA WITH ONE OR TWO REMOTE CONTROL POSITIONS. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 24 to 28 VOLTS DC (2.65 to 3 AMPERES) STORAGE BATTERY IN AIRCRAFT. SIMILAR SETS: SCR-242-B, SCR-280, SCR-273 POWER OUTPUT: (WATTS) RECEIVES ONLY. TUBES: (TYPE AND NUMBER) SCR-263-A USES 1-8C-443-A 1 - 6F6 1 - 6X07 6 - 6K7 1 - 6L7 1 - 6B8 1 - 6J5 1 - 6N7			PART B - MILITARY CHARACTERISTICS (CLASSIFICATION:) USE: PROVIDES: VISUAL, UNIDIRECTIONAL, RIGHT- LEFT INDICATION OF THE DIRECTION OF ARRIVAL OF RADIO FREQUENCY ENERGY WITH RESPECT TO THE PLANE OF THE LOOP AND SIMULTANEOUS "ON COURSE" AURAL RECEPTION OF MODULATED RADIO FREQUENCY ENERGY. AURAL RECEPTION OF MODULATED RADIO FREQUENCY USING A NON- DIRECTIVE ANTENNA, AURAL RECEPTION OF MODULATED RADIO FREQUENCY USING LOOP ANTENNA, AURAL NULL INDICATIONS OF DIRECTION OF ARRIVAL OF MODULATED RADIO FREQUENCY USING LOOP ANTENNA. RANGE: (MILES) TO COMMUNICATE WITH: TO REPLACE IN PART: TRANSPORTATION: AIRCRAFT INSTALLATION. TYPE OF SIGNAL: CW & MCW.																																				
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SHIP TONNAGE:				0.0445 T																																						

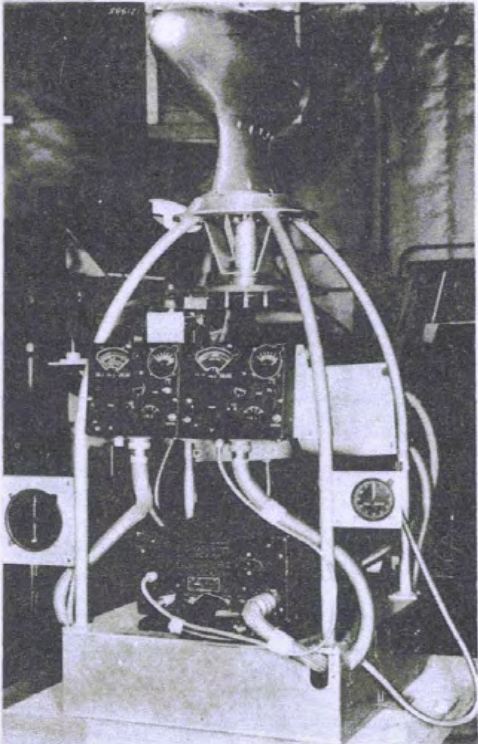
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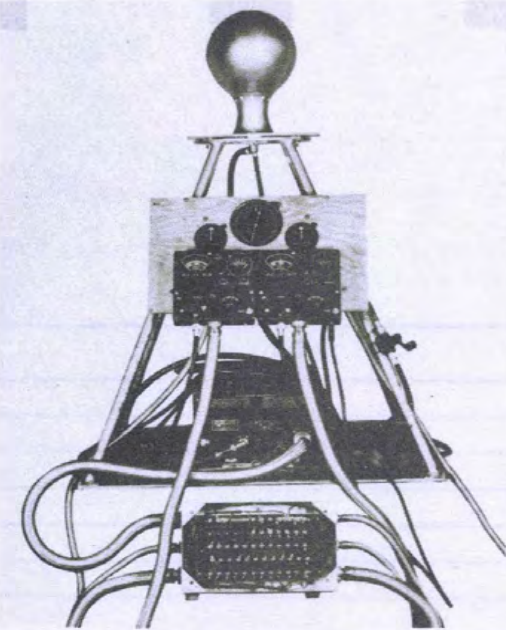
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	CHANGE IN STATUS:		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)	
			FREQUENCY RANGE: (Kc) 200 To 1,750 Kc. Covered in 3 bands: 200 - 410; 410 - 850; 850 - 1,750.		USE: NAVIGATIONAL INSTRUMENT. PROVIDES AUTOMATIC BEARING INDICATION OF THE DIRECTION OF ARRIVAL OF RADIO FREQUENCY ENERGY AND SIMULTANEOUS AURAL RECEPTION OF MODULATED RADIO FREQUENCY, DIRECTIONAL ANTENNA, AURAL RECEPTION OF MODULATED RADIO FREQUENCY USING LOOP ANTENNA. SCR-269-C HAS PROVISION FOR RECEPTION OF UNMODULATED R.F. IN ALL THE ABOVE CASES.	
			NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: ANTENNA: 8 ^m Loop & fixed vertical mast with one or two remote control positions and automatic rotation. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 24 VOLT BATTERY, 12 VOLT BATTERY. SIMILAR SETS: SCR-263 EXCEPT AUTOMATIC FEATURES. POWER OUTPUT: (WATTS) RECEIVES ONLY. TUBES: (TYPE AND NUMBER) SCR-269-A USES: 2 VT-66 1 VT-94 1 VT-74 1 VT-95 4 VT-86 1 VT-105 1 VT-87 2 VT-109 2 VT-93		RANGE: (Miles) TO COMMUNICATE WITH: TO REPLACE IN PART: SCR-242, 263, 280 TRANSPORTATION: AIRCRAFT INSTALLATION TYPE OF SIGNAL: CW, MCW, VOICE.	
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)						
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
		HEIGHT	WIDTH	DEPTH		
RADIO COMPASS UNIT BC-433-A		7 7/8	12	19 13/16	46.87 LBS.	RESTRICTED
2 RADIO CONTROL BOX BC-434-A		7 1/2	7 1/2	3 15/16	3.76	RESTRICTED
LOOP LP-21-A		25 3/8	14 31/32	9	10.37	
INDICATOR I-81-A		3 1/4	3 1/4	3 11/16	.75	RESTRICTED
INDICATOR I-82-A		5 1/8	5 1/8	4 3/32	1.19	RESTRICTED
RELAY BC-22-A OR E		11 3/4	7	3	6.40	
NOTE: DUE TO VARIATIONS IN AIRCRAFT INSTALLATIONS, BOTH WEIGHTS AND VOLUMES OF COMPLETE SETS VARY CONSIDERABLY THE FIGURES SHOWN ARE THEREFORE APPROXIMATE.						
COMBINED WEIGHT OF COMPONENTS:					73.10 LBS.	
COMBINED VOLUME:					5121 CU. IN.	
SHIP TONNAGE:					0.0296T	

24-21282

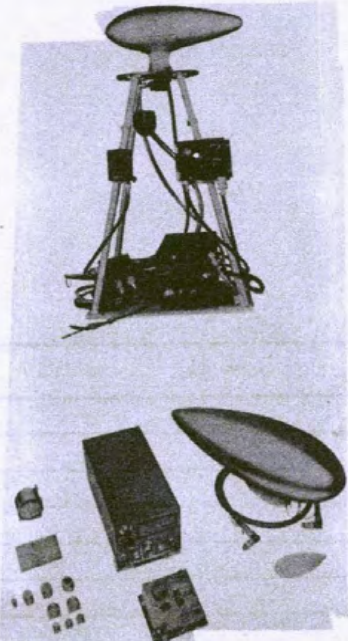
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THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	LIMITED STANDARD DEC, 1942	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-273																																																																
 <p data-bbox="466 1226 675 1266">RADIO COMPASS SCR - 273 PRINCIPAL COMPONENTS</p> <p data-bbox="295 1291 571 1307">AIRCRAFT RADIO LABORATORY, WRIGHT FIELD, OHIO</p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Kc) 150 TO 1,500 COVERED IN 3 BANDS. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: ANTENNA: 8" LOOP AND FIXED NONDIRECTIONAL MAST. ROTATABLE LOOP WITH TWO REMOTE CONTROL POSITIONS. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 TO 1 1/2 VOLTS DC SIMILAR SETS: SCR-265 EXCEPT SCR-273 USES 12 - 1 1/2 VOLT SUPPLY. POWER OUTPUT: (WATTS) RECEIVES ONLY. TUBES: (TYPE AND NUMBER) SCR-273-A USES 1 BC-413-A: 1 - 6F6 1 - 6V5 6 - 6K7 1 - 6N7 1 - 6L7 1 - 6SC7 1 - 6BB	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: USE: PROVIDES: VISUAL, UNIDIRECTIONAL, RIGHT- LEFT INDICATION OF THE ARRIVAL OF RADIO FREQUENCY ENERGY WITH RESPECT TO THE LOOP AND SIMULTANEOUS "ON COURSE" AURAL RECEPTION OF MODULATED RADIO FREQUENCY ENERGY, AURAL RECEPTION OF MOD. R.F. USING A NON- DIRECTIONAL ANTENNA, AURAL RECEPTION OF MODULATED R.F. USING LOOP ANTENNA, AURAL- NULL DIRECTIONAL INDICATIONS OF THE ARRIVAL OF MODULATED R.F. WITH RESPECT TO THE PLANE OF THE LOOP ANTENNA. RANGE: (MILES) TO COMMUNICATE WITH: TO REPLACE IN PART: TRANSPORTATION: AIRCRAFT INSTALLATION. TYPE OF SIGNAL: CW, MCW, VOICE.																																																																
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)																																																																	
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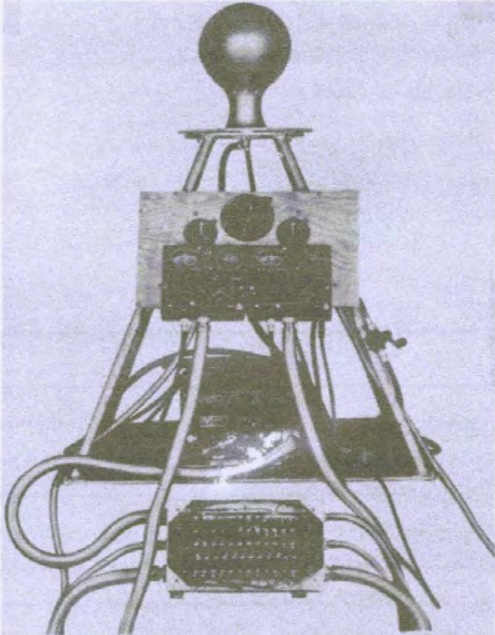
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS:	LIMITED STANDARD DEC, 1942	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	SCR-276							
	CHANGE IN STATUS:		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)			PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)						
<p style="text-align: center;">RADIO COMPASS SCR-276</p> 			<p>FREQUENCY RANGE: (Kc) 195 to 420</p> <p>NUMBER OF CRYSTALS: NONE</p> <p>PRESET FREQUENCIES:</p> <p>ANTENNA: 8" LOOP AND NONDIRECTIONAL FIXED ANTENNA.</p> <p>TUNING: (MO OR XTAL) MO</p> <p>SENSITIVITY: SELECTIVITY:</p> <p>POWER SOURCE: 24 to 28 volts DC and DM-39-A.</p> <p>SIMILAR SETS: SCR-246-A EXCEPT SCR-276 24 - 28 VOLT SUPPLY.</p> <p>POWER OUTPUT: (WATTS)</p> <p>TUBES: (TYPE AND NUMBER) SCR-276-A USES 1 BC-383-A:</p> <p style="margin-left: 40px;">2 - 605 1 - 6K7 1 - 6L7 2 - 6J7 2 - 68C 2 - 6V6</p>		<p>USE: NAVIGATIONAL INSTRUMENT. PROVIDES VISUAL, UNIDIRECTIONAL RIGHT-LEFT INDICATION SHOWING THE DIRECTION OF THE RADIO SIGNAL SOURCE WITH RESPECT TO THE AIRCRAFT HEADING. MAY ALSO BE USED AS A RADIO RANGE OR WEATHER BROADCAST RECEIVER PROVIDING AURAL RECEPTION OF MODULATED RADIO SIGNALS. ALSO SUPPLIES VOLTAGE TO MARKER BEACON RECEIVER.</p> <p>RANGE: (MILES)</p> <p>TO COMMUNICATE WITH:</p> <p>TO REPLACE IN PART:</p> <p>TRANSPORTATION: AIRCRAFT INSTALLATION.</p> <p>TYPE OF SIGNAL: CW, MCW</p>							
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)									
			ITEM			DIMENSIONS			WEIGHT	CLASSIFICATION		
			HEIGHT	WIDTH	DEPTH							
			3 1/4	3 1/4	3 17/32	1.50			RESTRICTED			
						9.62						
			25 9/16	11 3/32	9	6.22						
			8	8	15 5/8	26.1			RESTRICTED			
			5 3/4	5 1/8	3 23/32	2.78			RESTRICTED			
NOTE: DUE TO VARIATIONS IN AIRCRAFT INSTALLATIONS, BOTH WEIGHTS AND VOLUMES OF COMPLETE SETS VARY CONSIDERABLY AND THE FIGURES SHOWN ARE THEREFORE APPROXIMATE.												
			COMBINED WEIGHT OF COMPONENTS:						46.22			
			COMBINED VOLUME:						8"	8"	15 5/8"	3686.2
			SHIP TONNAGE:						.0212 T			

A light-weight radio, heading device for single-engine aircraft. Has fixed loop enclosed in streamlined housing. Similar to BC-386 except for 24 v primary power supply. Frequency range 195-420 kc. Principal components are Radio Compass Unit BC-383, Radio Control Box BC-440, Loop LP-17, and Compass Indicator I-73.

Quantity delivered, 12/21/42 - - - - - 30
Quantity on order or pending - - - - - 30
Total quantity planned - - - - - 60

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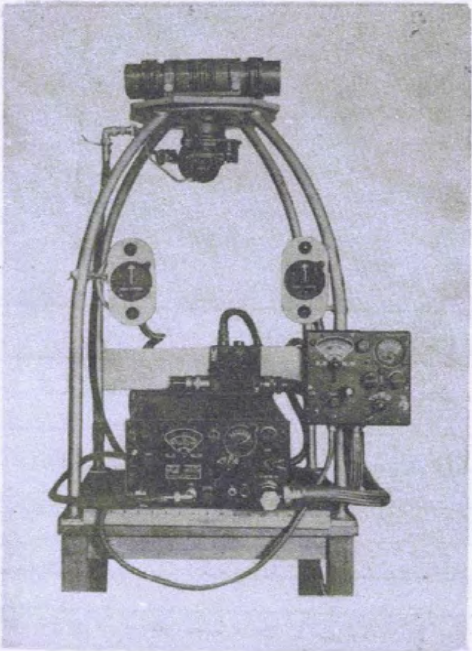
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	LIMITED STANDARD DEC, 1942	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-280		
			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Kc) 200 TO 1,750 COVERED IN 3 BANDS. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: ANTENNA: 8" LOOP AND FIXED NONDIRECTIONAL (MANUALLY OPERATED) TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 VOLTS DC SIMILAR SETS: SCR-263 WHICH OPERATES FROM 2 1/2 - 28 VOLT POWER SOURCE SCR-273-A EXCEPT FREQUENCY. POWER OUTPUT: (WATTS) RECEPTION ONLY. TUBES: (TYPE AND NUMBER) SCR-280-A USES: 1 - 6F6 1 - 6U5 6 - 6K7 1 - 6N7 1 - 6L7 1 - 6SC7 1 - 6B8		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: USE: PROVIDES: VISUAL, UNIDIRECTIONAL, RIGHT- LEFT INDICATION, AURAL RECEPTION OF MODULATED RADIO FREQUENCY ENERGY USING LOOP ANTENNA, AURAL RECEPTION OF MODULATED R.F. USING NONDIRECTIONAL ANTENNA, AURAL NULL DI- RECTIONAL INDICATIONS OF THE ARRIVAL OF MODULATED RADIO FREQUENCY ENERGY WITH RESPECT TO THE PLANE OF THE LOOP USING A LOOP ANTENNA. RANGE: (MILES) TO COMMUNICATE WITH: TO REPLACE IN PART: TRANSPORTATION: AIRCRAFT INSTALLATION. TYPE OF SIGNAL: CW; MCW.	
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)			
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
RADIO COMPASS UNIT BC-431-A		HEIGHT 7 7/8	WIDTH 12	DEPTH 19 15/16	42.0	RESTRICTED
2-RADIO CONTROL BOX BC-432-B		7 1/2	7 1/2	3 15/16	8.0 (1 1/4# EA.)	RESTRICTED
LOOP LP-19-A		25 3/8	13 1/2	9	7.06	
2-COMPASS INDICATOR I-65-D		3 1/4	3 1/4	4 9/32	3.2 (1.0# EA.)	RESTRICTED
BEARING INDICATOR I-75-()						RESTRICTED
NOTES: DUE TO VARIATIONS IN AIRCRAFT INSTALLATIONS, BOTH WEIGHTS AND VOLUMES OF COMPLETE SETS VARY CONSIDERABLY AND FIGURES SHOWN ARE THEREFORE APPROXIMATE.						
COMBINED WEIGHT OF COMPONENTS:					71.82 1/4	
COMBINED VOLUME:					582 1/4 CU. IN. APPROX.	
SHIP TONNAGE:					0.0338 T	

 RADIO COMPASS SCR - 280
 PRINCIPAL COMPONENTS

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: LIMITED STANDARD DEC, 1942 CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-282																																		
		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Kc) 150 - 1,500 Kc. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: NONE ANTENNA: LOOP AND FIXED VERTICAL ANTENNA. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 24 - 28 VOLTS DC, AIRCRAFT BATTERY. SIMILAR SETS: SCR-242 WHICH USES 12 VOLT POWER SOURCE. POWER OUTPUT: (WATTS) TUBES: (TYPE AND NUMBER) 1 VT-86 6 VT-86 1 VT-87 1 VT-95 1 VT-94 2 VT-96		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION:) USE: TO PROVIDE AURAL RECEPTION OF MODULATED RADIO FREQUENCY ENERGY OR VISUAL, UNI-DIRECTIONAL, RIGHT-LEFT INDICATION OF THE DIRECTION OF ARRIVAL OF RADIO FREQUENCY ENERGY WITH RESPECT TO THE PLANE OF THE LOOP AND SIMULTANEOUS "ON COURSE", AURAL RECEPTION OF MODULATED RADIO FREQUENCY. RANGE: (MILES) TO COMMUNICATE WITH: TO REPLACE IN PART: SCR-186 TRANSPORTATION: AIRCRAFT INSTALLATION TYPE OF SIGNAL: CW & MCW																																	
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)																																			
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RADIO CONTROL BOX BC-311	7 1/2	7 1/2	3 15/16	4.3	RESTRICTED																																
LOOP LP-18-C				7.1																																	
INDICATOR I-75-A					RESTRICTED																																
COMBINED WEIGHT OF COMPONENTS:				65# APPROX.																																	
COMBINED VOLUME:																																					
SHIP TONNAGE:																																					

24-21558

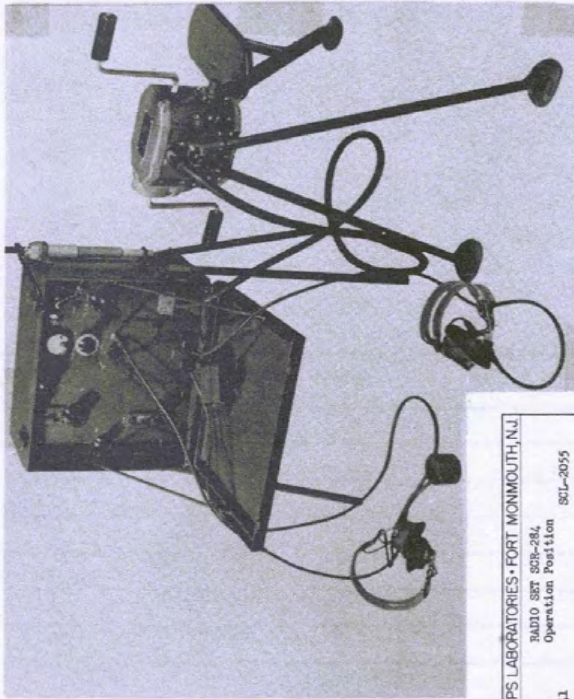
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-283				
	CHANGE IN STATUS:			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (Kc) RECEIVING- 201-398 Kc, 4150-7700 Kc. TRANSMITTING- 2500-7700 Kc. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: NONE ANTENNA: REGR: 5 FT. VERTICAL MAST. TRANS: "T" OR "L" TYPE 16 TO 18 FT. LONG. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 2 1/2 VOLT PLANE BATTERY SIMILAR SETS: SCR-183 EXCEPT 2 1/2 V. POWER OUTPUT: (WATTS) 100 TONE; 100 VOICE. TUBE: (TYPE AND NUMBER) SCR-AL-283 USES: 4 TYPE 59 1 TYPE 37 1 TYPE 38 2 TYPE 10 2 TYPE 45 SPL.	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: USE: COMMAND SET - PLANE-TO-PLANE; PLANE-TO- GROUND COMMUNICATIONS. RANGE: (MILES) 30-45 MILES PLANE-TO-PLANE. 100-200 MILES PLANE-TO-GROUND. TO COMMUNICATE WITH: OTHER EQUIPMENT WITHIN RANGE COVERING SAME FREQUENCIES. TO REPLACE IN PART: TRANSPORTATION: AIRBORNE TYPE OF SIGNAL: TONE, VOICE			
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
APT. OF MAIN COMPARTMENT LOOKING TO THE REAR INSTALLATION OF RADIO SET SCR-()-283 AIRPLANE AIRCRAFT RADIO LABORATORY, WRIGHT FIELD, O. OFFICIAL PHOTOGRAPH - NOT FOR PUBLICATION ARJ-AL-65B-42			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
				HEIGHT	WIDTH	DEPTH		
RADIO REGR. BC-()-429 RADIO TRANS. BC-()-430 DYNAMOTOR BD-()-93 RADIO CONTROL BOX BC-()-231 RADIO CONTROL BOX BC-()-232 ANTENNA SW. RELAY BC-()-408 2 REGR OIL SETS (ONE IS A DUAL OIL) 6 TRANS OIL SETS.				7 5/8	8 1/4	15 11/16	12	
				7 5/8	6 5/8	13 1/4	10.2	
COMBINED WEIGHT OF COMPONENTS: COMBINED VOLUME: SHIP TONNAGE:				4 5/8	4	2 7/16	.9	
				2 7/16	4	4 5/8	.9	
COMBINED WEIGHT OF COMPONENTS: COMBINED VOLUME: SHIP TONNAGE:				4 9/16	4 5/8	2 3/4	1.1	
							43.3# (INCLUDING MINOR COMB)	
COMBINED WEIGHT OF COMPONENTS: COMBINED VOLUME: SHIP TONNAGE:							1.5 Cu.Ft.	



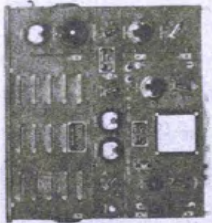

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD PRIOR TO JANUARY 1942	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-284																																																			
			<p>PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)</p> <p>FREQUENCY RANGE: (Mc) 3.8 to 5.8</p> <p>NUMBER OF CRYSTALS: 1 IN CALIBRATOR.</p> <p>PRESET FREQUENCIES: NONE</p> <p>ANTENNA: 15' FIVE SECTION FISHPOLE TYPE FOR TRUCK USE. 25' EIGHT SECTION FISHPOLE WHEN STATIONARY OR FOR FIELD USE.</p> <p>TUNING: (MO. OR XTAL) MO WITH XTAL CALIBRATOR.</p> <p>SENSITIVITY: SELECTIVITY:</p> <p>POWER SOURCE: HAND GENERATOR GN-45-A OR POWER UNIT PE-103-() (12 VOLT) REOVR. BY DRY BATTERIES OR VIBRATOR PE-104-() (6 OR 12 V.)</p> <p>SIMILAR SETS: SCR-288</p> <p>POWER OUTPUT: (WATTS) HIGH POWER: CW-20; VOICE-5 LOW POWER: CW-8; VOICE-2.</p> <p>TUBES: (TYPE AND NUMBER) 1 BC-654-A TRANS. & REOVR. REOVR. 2 3Q 5 GT; 1 1-H 5 GT; 3 1-N 5 GT; 1 1-A 7 GT. TRANS: 4 3Q 5 GT; 2 307-A.</p>																																																				
			<p>PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)</p> <p>USE: INFANTRY, FIELD ARTILLERY, SIGNAL CORPS. ON GROUND OR IN VEHICLE. FOR COMMAND PURPOSES FROM DIV. HQ. DOWN TO AND INCLUDING BATTALIONS. FOR COMMUNICATIONS WITH TANK DESTROYER UNITS.</p> <p>RANGE: (MILES) CW-30; VOICE-7.</p> <p>TO COMMUNICATE WITH: SCR-131, 161, ()-183, 274-N, 284-(), 288, 536-().</p> <p>TO REPLACE IN PART: SCR-131, 161, 171, 288.</p> <p>TRANSPORTATION: TWO OR THREE MEN, OR IN VEHICLE.</p> <p>TYPE OF SIGNAL: CW; VOICE.</p>																																																				
<p>PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)</p>																																																							
<p>SIGNAL CORPS LABORATORIES - FORT MONMOUTH, N.J. RADIO SET SCR-284, Operation Position 8CL-2055 June 12, 1941</p>		<table border="1"> <thead> <tr> <th rowspan="2">ITEM</th> <th colspan="3">DIMENSIONS</th> <th rowspan="2">WEIGHT</th> <th rowspan="2">CLASSIFICATION</th> </tr> <tr> <th>HEIGHT</th> <th>WIDTH</th> <th>DEPTH</th> </tr> </thead> <tbody> <tr> <td>REOVR. & TRANS. BC-654</td> <td>14 "</td> <td>18 "</td> <td>9 3/4"</td> <td>44#</td> <td></td> </tr> <tr> <td>HAND GENERATOR GN-45</td> <td>9 "</td> <td>6 1/4"</td> <td>6 3/4"</td> <td>22#</td> <td></td> </tr> <tr> <td>DYNAMOTOR POWER UNIT PE-103</td> <td>12 3/4"</td> <td>16 1/2"</td> <td>5 1/2"</td> <td>53#</td> <td></td> </tr> <tr> <td>REMOTE CONTROL UNIT RM-29</td> <td>6 1/4"</td> <td>10 1/8"</td> <td>8 1/2"</td> <td>15#</td> <td></td> </tr> <tr> <td colspan="4">COMBINED WEIGHT OF COMPONENTS:</td> <td>250#</td> <td></td> </tr> <tr> <td colspan="4">COMBINED VOLUME:</td> <td></td> <td></td> </tr> <tr> <td colspan="4">SHIP TONNAGE:</td> <td></td> <td></td> </tr> </tbody> </table>			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	REOVR. & TRANS. BC-654	14 "	18 "	9 3/4"	44#		HAND GENERATOR GN-45	9 "	6 1/4"	6 3/4"	22#		DYNAMOTOR POWER UNIT PE-103	12 3/4"	16 1/2"	5 1/2"	53#		REMOTE CONTROL UNIT RM-29	6 1/4"	10 1/8"	8 1/2"	15#		COMBINED WEIGHT OF COMPONENTS:				250#		COMBINED VOLUME:						SHIP TONNAGE:					
		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION																																																
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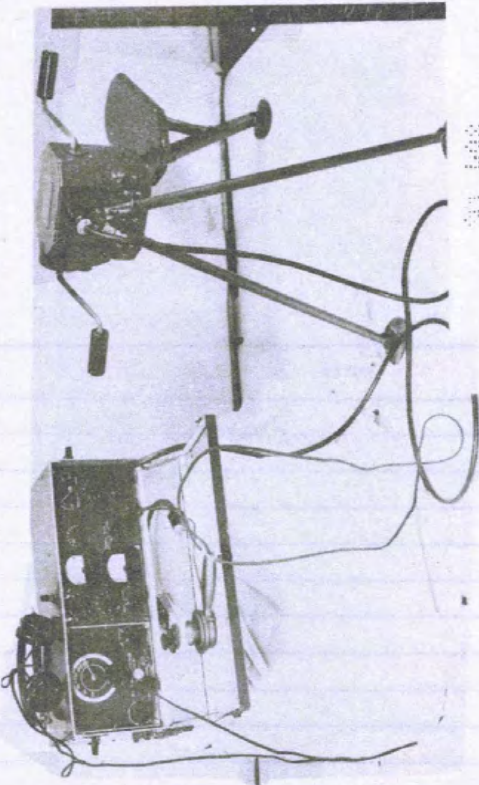
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD DEC, 1942	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-287																																																																																	
 <p>RADIO RECEIVER BC-348-B</p>  <p>DYNAMOTOR UNIT PE-73-B</p>		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: 1.5 - 18 Recvr. Mc. TRANS.- 1.5 - 12.5 Mc.; 260-500 Kc.; 650-1500 Kc. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: NONE ANTENNA: TRAILING WIRE ANTENNA. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 24 VOLTS, DC AND PE-73 SIMILAR SETS: SCR-187 EXCEPT 12 V, SCR-260 POWER OUTPUT: (WATTS) 60 @ 12 Mc/s., 30 @ 1.5 Mc/s. TUBES: (TYPE AND NUMBER) SCR-287-A USES: TRANS: 1 VT-4-C RECVR: 1 VT-4-B 1 VT-25 1 VT-65 1 VT-70 3 VT-86 1 VT-91 1 VT-95			PART B - MILITARY CHARACTERISTICS (CLASSIFICATION:) USE: AIRBORNE LIAISON SET. AIR-TO-AIR, AIR-TO-GROUND COMMUNICATION. RANGE: (MILES) 50 TO SEVERAL HUNDRED MILES. TO COMMUNICATE WITH: SCR-187, 274, 183, 283. TO REPLACE IN PART: TRANSPORTATION: INSTALLED IN AIRCRAFT. TYPE OF SIGNAL: CW; MCW; VOICE.																																																																																
 <p>RADIO TRANSMITTER BC375-C</p>  <p>REEL RL-30-B</p>		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED) <table border="1" data-bbox="868 938 1776 1205"> <thead> <tr> <th rowspan="2">ITEM</th> <th colspan="3">DIMENSIONS</th> <th rowspan="2">WEIGHT</th> <th rowspan="2">CLASSIFICATION</th> </tr> <tr> <th>HEIGHT</th> <th>WIDTH</th> <th>DEPTH</th> </tr> </thead> <tbody> <tr> <td>RADIO RECEIVER BC-348-C</td> <td>18</td> <td>10 1/2</td> <td>9 1/2</td> <td>35.2</td> <td>RESTRICTED</td> </tr> <tr> <td>RADIO TRANSMITTER BC-375-C</td> <td>21 21/32</td> <td>23 1/8</td> <td>9 5/16</td> <td>53</td> <td>RESTRICTED</td> </tr> <tr> <td>ANTENNA TUNING UNIT BC-306-A</td> <td>17 3/4</td> <td>9 1/2</td> <td>9 1/8</td> <td>9.75</td> <td>RESTRICTED</td> </tr> <tr> <td>DYNAMOTOR PE-73-B</td> <td>11</td> <td>11</td> <td>7 1/2</td> <td>39</td> <td></td> </tr> <tr> <td>TRANSMITTER TUNING UNIT TU-5-A</td> <td>7 5/8</td> <td>16 3/4</td> <td>8 3/4</td> <td>13</td> <td></td> </tr> <tr> <td>TRANSMITTER TUNING UNIT TU-6-A</td> <td>7 5/8</td> <td>16 3/4</td> <td>8 3/4</td> <td>13</td> <td></td> </tr> <tr> <td>TRANSMITTER TUNING UNIT TU-7-A</td> <td>7 5/8</td> <td>16 3/4</td> <td>8 3/4</td> <td>13</td> <td></td> </tr> <tr> <td>TRANSMITTER TUNING UNIT TU-8-A</td> <td>7 5/8</td> <td>16 3/4</td> <td>8 3/4</td> <td>13</td> <td></td> </tr> <tr> <td>TRANSMITTER TUNING UNIT TU-9-A</td> <td>7 5/8</td> <td>16 3/4</td> <td>8 3/4</td> <td>13</td> <td></td> </tr> <tr> <td>TRANSMITTER TUNING UNIT TU-10-A</td> <td>7 5/8</td> <td>16 3/4</td> <td>8 3/4</td> <td>13</td> <td></td> </tr> <tr> <td>TRANSMITTER TUNING UNIT TU-22-A</td> <td>7 5/8</td> <td>16 3/4</td> <td>8 3/4</td> <td>13</td> <td></td> </tr> </tbody> </table> <p>NOTE: DUE TO VARIATIONS IN AIRCRAFT INSTALLATIONS, BOTH WEIGHTS AND VOLUMES OF COMPLETE SETS VARY CONSIDERABLY AND THE FIGURES SHOWN ARE THEREFORE APPROXIMATE.</p> <table border="1" data-bbox="868 1263 1776 1346"> <tr> <td>COMBINED WEIGHT OF COMPONENTS:</td> <td>250# APPROX.</td> </tr> <tr> <td>COMBINED VOLUME:</td> <td>6 CU. FT. APPROX.</td> </tr> <tr> <td>SHIP TONNAGE:</td> <td></td> </tr> </table>			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	RADIO RECEIVER BC-348-C	18	10 1/2	9 1/2	35.2	RESTRICTED	RADIO TRANSMITTER BC-375-C	21 21/32	23 1/8	9 5/16	53	RESTRICTED	ANTENNA TUNING UNIT BC-306-A	17 3/4	9 1/2	9 1/8	9.75	RESTRICTED	DYNAMOTOR PE-73-B	11	11	7 1/2	39		TRANSMITTER TUNING UNIT TU-5-A	7 5/8	16 3/4	8 3/4	13		TRANSMITTER TUNING UNIT TU-6-A	7 5/8	16 3/4	8 3/4	13		TRANSMITTER TUNING UNIT TU-7-A	7 5/8	16 3/4	8 3/4	13		TRANSMITTER TUNING UNIT TU-8-A	7 5/8	16 3/4	8 3/4	13		TRANSMITTER TUNING UNIT TU-9-A	7 5/8	16 3/4	8 3/4	13		TRANSMITTER TUNING UNIT TU-10-A	7 5/8	16 3/4	8 3/4	13		TRANSMITTER TUNING UNIT TU-22-A	7 5/8	16 3/4	8 3/4	13		COMBINED WEIGHT OF COMPONENTS:	250# APPROX.	COMBINED VOLUME:	6 CU. FT. APPROX.	SHIP TONNAGE:	
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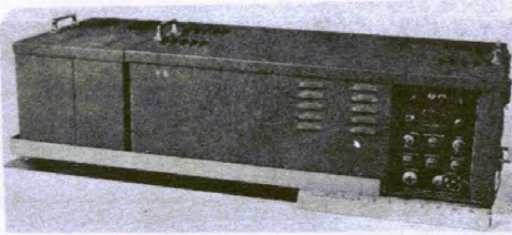
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THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	SUBST. STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: <h1 style="text-align: center;">SCR-288</h1>																																
 <div style="border: 1px solid black; padding: 2px; margin-top: 10px;"> <p style="font-size: small;">SIGNAL CORPS LABORATORIES, FORT MONMOUTH, N. J.</p> <p style="font-size: x-small;">PORTABLE RADIO EQUIPMENT 4 WATT (600 TYPE) READY FOR OPERATION</p> </div>			<p>PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)</p> <p>FREQUENCY RANGE: TRANS.: 3.5 - 6.3 (Mo) REOVR.: 2.3 - 6.5 (Mo)</p> <p>NUMBER OF CRYSTALS:</p> <p>PRESET FREQUENCIES:</p> <p>ANTENNA: 35' STRAIGHT INSULATED WIRE SUSPENDED APPROXIMATELY 15" ABOVE GROUND, WITH COUNTER-POISE.</p> <p>TUNING: (MO OR XTAL) MO</p> <p>SENSITIVITY: SELECTIVITY:</p> <p>POWER SOURCE: TRANS: HAND GENERATOR GN-144-A. REOVR: GENERATOR GN-144-A OR DRY BATTERIES.</p> <p>SIMILAR SETS:</p> <p>POWER OUTPUT: (WATTS) 4 75% MODULATION ON VOICE AND CW.</p> <p>TUBES: (TYPE AND NUMBER)</p> <table style="font-size: x-small;"> <tr><td>9</td><td>VT-107</td></tr> <tr><td></td><td>VT-146</td></tr> <tr><td></td><td>VT-147</td></tr> <tr><td></td><td>VT-148</td></tr> <tr><td></td><td>VT-149</td></tr> </table>	9	VT-107		VT-146		VT-147		VT-148		VT-149	<p>PART B - MILITARY CHARACTERISTICS (CLASSIFICATION:</p> <p>USE: INF: B, REGT. BN. FA: Div, ARTY, REGT, BN. Sig C: Co.</p> <p>RANGE: (MILES) STATIONARY: 30 USING CW; 10 USING VOICE.</p> <p>TO COMMUNICATE WITH: SCR-131; 161; 193; 238; 245.</p> <p>TO REPLACE IN PART: SCR-131; 161; 171.</p> <p>TRANSPORTATION: 2 MAN LOAD.</p> <p>TYPE OF SIGNAL: CW; VOICE.</p>																						
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<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ITEM</th> <th colspan="3">DIMENSIONS</th> <th rowspan="2">WEIGHT</th> <th rowspan="2">CLASSIFICATION</th> </tr> <tr> <th>HEIGHT</th> <th>WIDTH</th> <th>DEPTH</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">BC-1474-A</td> <td style="text-align: center;">18"</td> <td style="text-align: center;">9 1/2"</td> <td style="text-align: center;">7 1/2"</td> <td style="text-align: center;">84#</td> <td></td> </tr> <tr> <td colspan="4">COMBINED WEIGHT OF COMPONENTS:</td> <td style="text-align: center;">84#</td> <td></td> </tr> <tr> <td colspan="4">COMBINED VOLUME:</td> <td></td> <td></td> </tr> <tr> <td colspan="4">SHIP TONNAGE:</td> <td></td> <td></td> </tr> </tbody> </table>		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	BC-1474-A	18"	9 1/2"	7 1/2"	84#		COMBINED WEIGHT OF COMPONENTS:				84#		COMBINED VOLUME:						SHIP TONNAGE:							
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION																															
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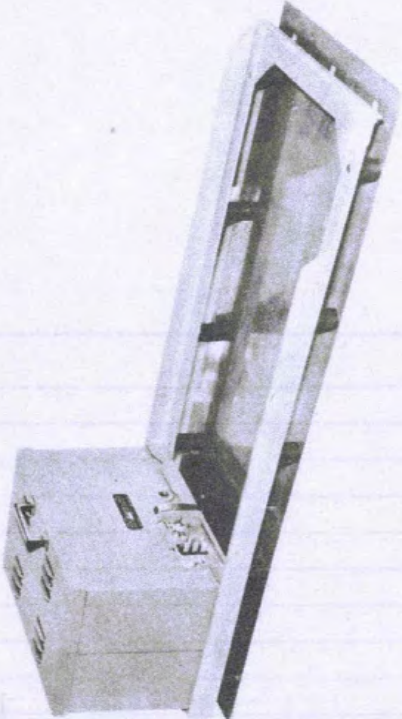
THIS SHEET IS CLASSIFIED: UNCLASSIFIED

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-293	
	CHANGE IN STATUS:		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (Mc) 20.0 - 28.0 NUMBER OF CRYSTALS: 5 IN REOVR. 5 IN TRANS. PRESET FREQUENCIES: 5 ANTENNA: 9' FISHPOLE AN-L2-A TYPE TO BE MOUNTED ON TURRET (WITH 2' EXTENSION FOR LOWER FREQ). TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 OR 24 V - VEHICULAR BATTERY. SIMILAR SETS: POWER OUTPUT: (WATTS) HIGH POWER-25 WATTS. LOW POWER-0.1-2.0 WATTS. TUBES: (TYPE AND NUMBER) SCR-293-A USES: 4 6AC7 4 12X6 5 12AB 4 12HG 7 12SJ7 2 12SA7 1 1625 2 12SL7GT		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: AF: IN TANK UNITS UP TO BNS. RANGE: (MILES) 5 MOVING; 7 STATIONARY. TO COMMUNICATE WITH: SCR-293; 294; 508; 509; 510; 528; 538. TO REPLACE IN PART: SCR-193; 245. TRANSPORTATION: TANK TYPE OF SIGNAL: VOICE (FM)
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)		
			ITEM	HEIGHT	WIDTH
LINK TRANS., REOVR. TYPE, 25 UFX, AND SEPARATE REOVR. TYPE, 11 TKR. TRANS. & REOVR. BC-500 REOVR. BC-499.	12" x 1 1/2"	3 1/4"	TO BE PLACED IN LEFT SPONSON OF LIGHT TANK (2.6 CU. FT.)	115#	RESTRICTED
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					
SIGNAL CORPS LABORATORIES • FORT MONMOUTH, N.J.					
RADIO SET SCR-293 FRONT VIEW					
APRIL 16, 1941			SCL-738		

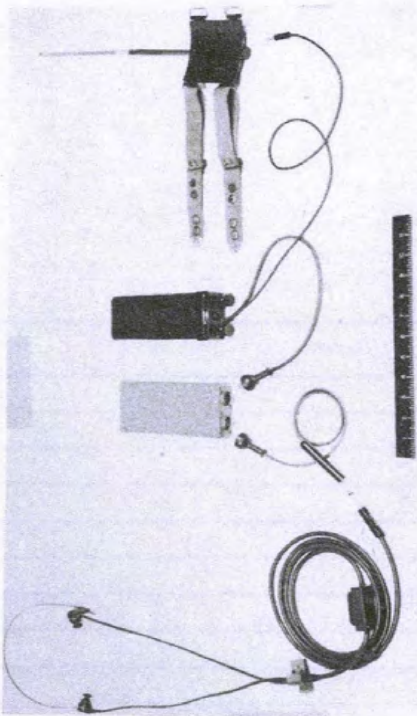
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-294	
	CHANGE IN STATUS:		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (Mc) 20.0 - 28.0 (RECEIVER ONLY) NUMBER OF CRYSTALS: 5 PRESET FREQUENCIES: 5 ANTENNA: 9' FISHPOLE (AN-42-A) TUNING: (MO OR XTAL) SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 OR 24 V CAR BATTERY. SIMILAR SETS: SCR-538 POWER OUTPUT: (WATTS) TUBES: (TYPE AND NUMBER) SCR-294-A USES: 2 12K8 2 6AC7 2 12SJ7 2 12A6 1 12SL7GT 2 12H6	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: AF: IN TANKS AND VEHICLES. RANGE: (MILES) TO COMMUNICATE WITH: SCR-293; 508; 509; 510; 528. TO REPLACE IN PART: SCR-210 TRANSPORTATION: TANKS AND VEHICLES. TYPE OF SIGNAL: FM RECEIVER.	
 <p style="text-align: center;">RADIO SET SCR-294 Radio Receiver BC-499 - 3/4 Front View</p> <p style="text-align: center;">SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J. - DA FORM 1-20-42 - 2657</p>			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)		
			ITEM	DIMENSIONS	
	HEIGHT	WIDTH	DEPTH		
BC-499-A	14"	14 1/2"	3 1/4"	56#	RESTRICTED
COMBINED WEIGHT OF COMPONENTS:				56#	
COMBINED VOLUME:				0.6 cu. FT.	
SHIP TONNAGE:					

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-295		
 <p style="text-align: center;">RADIO SET SCR-295 (Emerson Model.) Components - Showing Cable Connections</p> <p style="text-align: center;">NAVY 5-30-42 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J. - W. 88-4095</p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)	
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		USE: COMMANDERS OF FORWARD INFANTRY UNITS TO PERMIT VOICE RECEPTION FROM REGIMENTAL AND BATTALION HEADQUARTERS; SIGNAL CORPS.	
			FREQUENCY RANGE: (Mc) 2.0 - 5.8 (RECEIVER ONLY)		RANGE: (Miles)	
			NUMBER OF CRYSTALS:		TO COMMUNICATE WITH: SCR-245; 288; 284.	
			PRESET FREQUENCIES:		TO REPLACE IN PART: NONE	
			ANTENNA:		TRANSPORTATION: RECEIVER TO BE CARRIED IN BREAST POCKET, OR IN POUCH.	
			TUNING: (MO OR XTAL)		TYPE OF SIGNAL: VOICE (AM)	
			SENSITIVITY: SELECTIVITY:			
			POWER SOURCE: DRY BATTERIES FOR 8 HRS. OPERATION.			
			SIMILAR SETS: NONE			
			POWER OUTPUT: (WATTS)			
			TUBES: (TYPE AND NUMBER) 2 1T4; 1 1R5; 1 1S5; 1 1U4.			
			COMBINED WEIGHT OF COMPONENTS:			
			COMBINED VOLUME:			
			SHIP TONNAGE:			

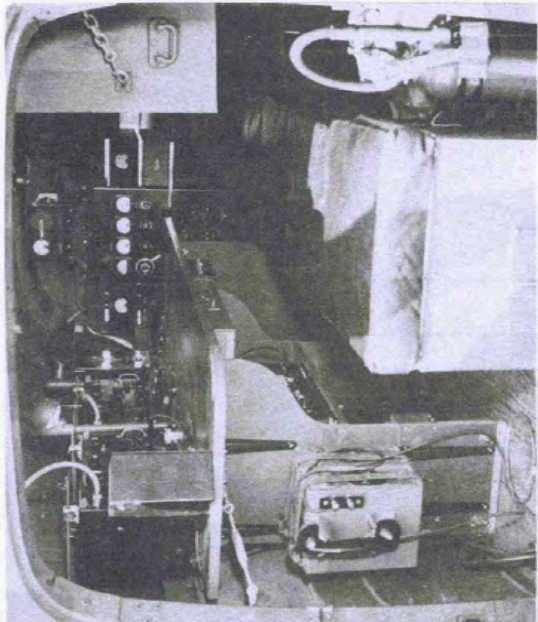
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THIS SHEET IS CLASSIFIED: UNCL 1001 F 1 ED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: UNDER DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-298				
	CHANGE IN STATUS:		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION:			
SET UNDER DEVELOPMENT NO PHOTOGRAPHS AVAILABLE		FREQUENCY RANGE: (Mc) 30 - 40 NUMBER OF CRYSTALS: 1 PRESET FREQUENCIES: 1 (NO SELECTION) ANTENNA: WHIP TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: 6 V VEHICULAR BATTERY. SIMILAR SETS: SCR-293 POWER OUTPUT: (WATTS) 25 TUBES: (TYPE AND NUMBER) EARLY MODEL USES: 1 EARLY LINK 11-UF MODEL RECVR. - 2 6K8; 1 608G; 2 6AC7/1852; 2 6SJ7; 2 6H6; 1 6V6; 1 6K6GT. 1 EARLY LINK 25 UFM MODEL TRANS. - 4 7C7; 2 7A8; 1 7C5; 1 807. NOTE: INFORMATION AVAILABLE STATES-SCR-298 LATE MODEL USES: 1 35UFM (ED 2 OR 3); 1 11UF (ED 3).	USE: FA: USED BY FIRE UMPIRE PERSONNEL. RANGE: (MILES) TO COMMUNICATE WITH: SCR-608; 628; 808; 828; 609; 610. TO REPLACE IN PART: TRANSPORTATION: VEHICLE TYPE OF SIGNAL: VOICE (FM)				
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)							
		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
			HEIGHT	WIDTH	DEPTH		
		TRANS. 25-UFM	9 "	17 "	8 1/4"	29 #	
		RECVR. 11-UF	9 "	13 "	7 1/2"	17 1/2#	
		POWER UNIT VPA-3A	8 1/2"	4 1/4"	5 "	7 1/4#	
		COMBINED WEIGHT OF COMPONENTS:					
		COMBINED VOLUME:					
		SHIP TONNAGE:					

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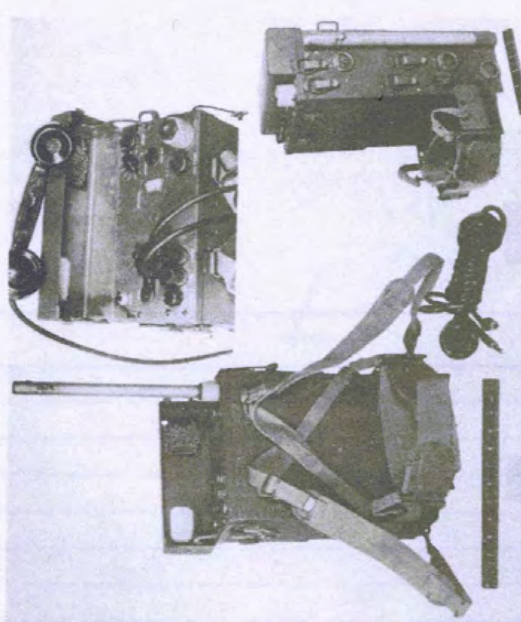
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-299-E	
	CHANGE IN STATUS:				
	PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		
	FREQUENCY RANGE: (Mc) 2 - 18 NUMBER OF CRYSTALS: 36 FURNISHED. PRESET FREQUENCIES: 3 ANTENNA: 15' WHIP OR LONG WIRE. TUNING: (MO OR XTAL) BOTH SENSITIVITY: SELECTIVITY: POWER SOURCE: COMMERCIAL 110V AC OR PE-95. SIMILAR SETS: SCR-299-A,B,C,D. POWER OUTPUT: (WATTS) 400 CW, 300 VOICE (2-8Mc) 300-CW, 250-Voice (8-12); 275-CW, 200-Voice (12-18). TUBES: (TYPE AND NUMBER) SCR-299-A USES: 1 BC-312-() - 2 6Q5; 1 6F6; 4 6K7; 1 6L7; 1 6R7. 1 BC-342-() - 2 6Q5; 1 6F6; 4 6K7; 1 6L7; 1 6R7; 1 5W4. 1 BC-614-B - 3 6SN7GT; 1 6SR7; 1 6S4T; 1 6J5; 1 80. 1 BC-610-B - 1 6V6; 1 6L6; 2 807; 1 250; 2 100; 2 2A3; 2 5Z3; 2 866A; 3 VR150-30.		USE: SIB C, AC, AF, FA, GAV, INF. FORM A - COMPONENTS INSTALLED IN SHELTER HO-17. FORM B - COMPONENTS PACKAGED FOR AIRBORNE SHIPMENT (NO SHELTER OR TRAILER PROVIDED)		
	RANGE: (MILES) 250-CW; 100-Voice.		TO COMMUNICATE WITH: SCR-177; ()-183; 187; 193; 209; 197; 237; 238; 245; 274-N; 284; 287; ()-283; 506; 285; 288; 511; 536; 543; 583.		
	TO REPLACE IN PART: SCR-197		TRANSPORTATION: POWER UNIT PE-95 IN 1 TON TRAILER. SHELTER HO-17 WITH COMPONENTS INSTALLED MOUNTS ON 2 1/2 TON, 6X6 CARGO TRUCK (TRUCK NOT PART OF SET) (LONG WHEELBASE). TYPE OF SIGNAL: CW; Voice (AM)		
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
TRANS. BC-610 REOVR. BC-312 & BC-342 SPEECH AMPLIFIER BC-614 ANT. TUNING UNIT BC-939					RESTRICTED RESTRICTED RESTRICTED
COMBINED WEIGHT OF COMPONENTS:			(RADIO COMPONENTS ONLY) 1000# APPROX.		
COMBINED VOLUME:					
SHIP TONNAGE:					

 RADIO SET SCR-299-A
 Truck K31 - Operating Table

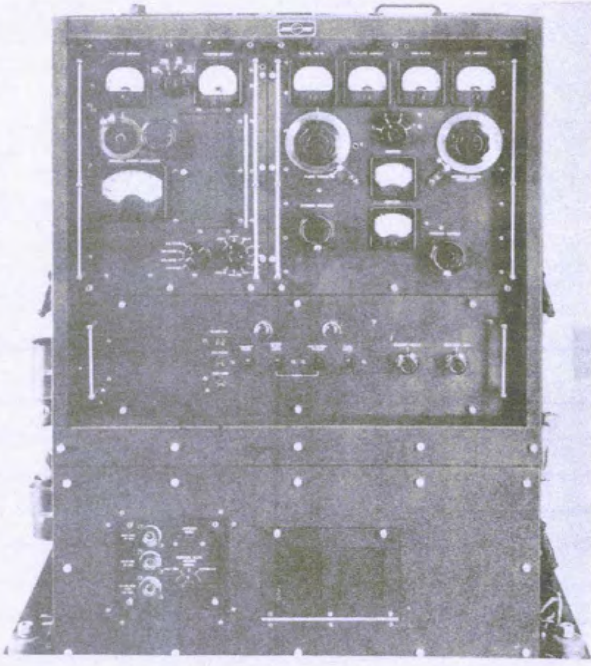
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-300				
	CHANGE IN STATUS:		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (Mc) 40.0 - 48.0 NUMBER OF CRYSTALS: 2 PRESET FREQUENCIES: None ANTENNA: FISHPOLE TYPE--PROVISION FOR HALF RHOMBIC DIRECTIONAL ANTENNA. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: LIGHT OR HEAVY DUTY (FOR LONGER OPERATIONAL HOURS) PLUG-IN TYPE DRY CELL BATTERY CONTAINING THE VOLTAGES FOR ALL TUBE ELEMENTS IN ONE UNIT. SIMILAR SETS: SCR-194 AND 195. POWER OUTPUT: (WATTS) APPROX. 1 TUBES: (TYPE AND NUMBER) VHF PORTABLE. 1 BC-1000 (NO SUFFIX YET); 1 TYPE 1-R-5; 3 TYPE 1-S-5; 6 TYPE 1-T-4; 1 TYPE 1-A-3; 5 TYPE 1-L-4; 2 TYPE 3-A-4.	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: INFANTRY, FIELD ARTILLERY, COAST ARTILLERY, ADVANCED FA, CA, AND INF UNITS. RANGE: (MILES) 5 TO 7 TO COMMUNICATE WITH: SCR-300 ONLY. TO REPLACE IN PART: SCR-194 AND 195. TRANSPORTATION: MAN-PACK. TYPE OF SIGNAL: FM; VOICE.				
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
				HEIGHT	WIDTH	DEPTH		
			RECVR. & TRANS. BC-1000 W/BATTERY (APPROX.)	15"	10"	6"	32#	
COMBINED WEIGHT OF COMPONENTS:								
COMBINED VOLUME:					1200 Cu. Ft.			
SHIP TONNAGE:								

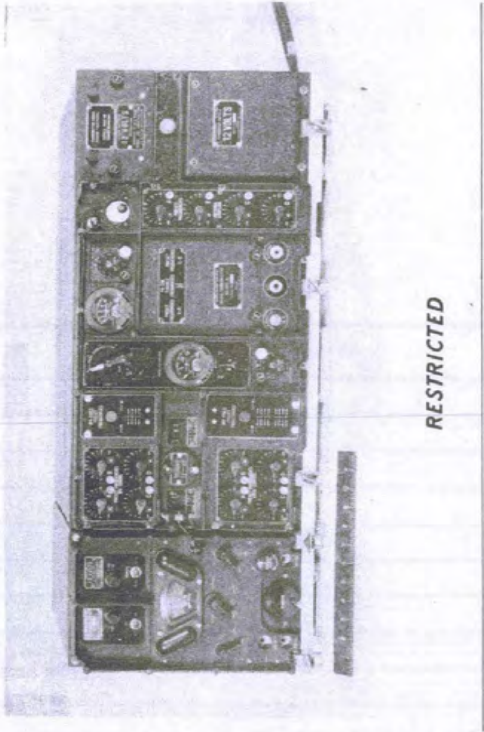
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	CANCELLED	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-505																																																																															
			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION:) FREQUENCY RANGE: (Mc) 1.5 to 18.0 NUMBER OF CRYSTALS: PRESET FREQUENCIES: ANTENNA: TUNING: (MO or XTAL) SENSITIVITY: SELECTIVITY: POWER SOURCE: DYNAMOTOR HOUSED IN TRAILER TO SUPPLY POWER FOR TRANSMITTER, RE- CEIVER, LIGHTS, HEAT AND VENTILATION SIMILAR SETS: SCR-197-(), 299 POWER OUTPUT: (WATTS) TUBES: (TYPE AND NUMBER)	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: USE: A.F. CORPS & DIVS. WITH HIGHER Hqs. & TRAINS, REAR INSTALLATIONS & AIR CORPS. RANGE: (Miles) 100 MILES MOVING, 250 MILES HALTED (VOICE) TO COMMUNICATE WITH: TO REPLACE IN PART: NONE TRANSPORTATION: TRUCK TRAILER TYPE OF SIGNAL: CW; TONE; VOICE.																																																																															
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)																																																																																
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DATE 2-3-22 SIGNAL CENTER LABORATORIES - FORT MONMOUTH - N. J. NO. MIL-2852																																																																																			

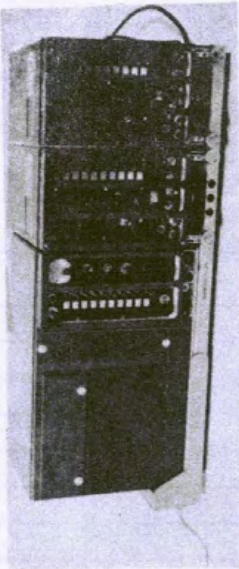
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-506																																		
 <p style="text-align: center;">RESTRICTED</p> <p style="text-align: center;">RADIO RECEIVER BC-652-A - RADIO TRANSMITTER BC-653-A - PART OF RADIO SET SCR-506-A Front View DATE 9-20-48 SIGNAL CORPS GROUND SIGNAL SERVICE NO. SC-5065 7906</p>		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (MO) TRANS. 2-4.5; RECVR 2 -6 NUMBER OF CRYSTALS: 1 (XTAL CALIBRATOR) PRESET FREQUENCIES: 4 ANTENNA: 15' FISHPOLE TO USED WHILE MOVING, WITH 10' EXTENSION TO BE USED WHILE AT A HALT. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: VEHICULAR POWER SYSTEM 12 OR 24 V. INPUT. SIMILAR SETS: POWER OUTPUT: (WATTS) 100 CW; 25 WATTS VOICE TUBES: (TYPE AND NUMBER) SCR-506-()USES: 1-BC-652-A: 2-6 SC 7; 2-12 SK 7; 2-12 K 8; 1-12 SR 7; 1-12 C 8; 1-6 K 8; 1-6 Y 6 G; 1-12 3G 7; 1-BC-653-A: 1-807; 2-814; 2-1613; 2-VR-105-20. REMARKS: 506-A ALSO LISTED: HAS 18 TUBES, ALSO IDENTICAL WITH SCR-506-() SHOWN ABOVE.	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: TD; ARMO F; CAV; ENGRS; FA; SIG C; USED IN LIGHT TANK M-3 & IN OTHER ARMORED VEHICLES. RANGE: (MILES) 70 CW; 25 VOICE. TO COMMUNICATE WITH: SAME AS SCR-245; SCR-131, 171, 187, 193, 203, 209, 210, 238, 245, 259, 287. TO REPLACE IN PART: SCR-193-IN AF TRANSPORTATION (AND OPERATION): IN VEHICLE IN WHICH SET IS INSTALLED. TYPE OF SIGNAL: CW; VOICE (AM)																																		
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)																																			
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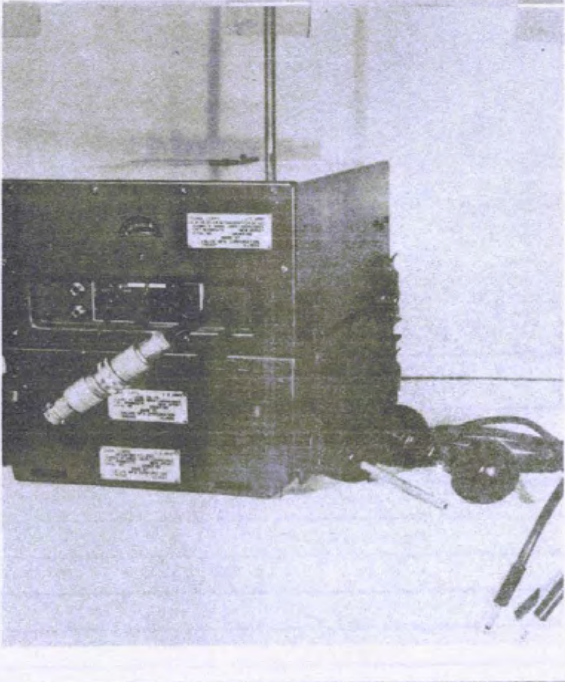
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-508																																																				
 <div data-bbox="681 657 814 1255" style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="text-align: center;">SIGNAL CORPS LABORATORIES, FORT MONMOUTH, N.J.</p> <p style="text-align: center;">508-() (12V MODEL AF-111A) RADIO SET SCR-524-() (24V MODEL AF-111A) FRONT VIEW</p> <p style="text-align: right;">SCL-747</p> <p style="text-align: right;">APRIL 23, 1941</p> </div>			<p style="text-align: center;">PART A-TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)</p> <p>FREQUENCY RANGE: (Mc) 20.0 TO 28.0</p> <p>NUMBER OF CRYSTALS: 80</p> <p>PRESET FREQUENCIES: 10 (PUSH BUTTON SELECTION).</p> <p>ANTENNA: 9 FT. FISHPOLE.</p> <p>TUNING: (MO OR XTAL) XTAL.</p> <p>SENSITIVITY: SELECTIVITY:</p> <p>POWER SOURCE: 12 OR 24 VOLT BATTERY.</p> <p>SIMILAR SETS: SCR-608-() EXCEPT FREQUENCY.</p> <p>POWER OUTPUT: (WATTS) 25 100% MODULATION.</p> <p>TUBES: (TYPE AND NUMBER) 8C-603-C REOVR. 1 TUBE TYPE 6 H 6; 1 TUBE TYPE 6 J 5; 1 TUBE TYPE 6 V 6 GT; 3 TUBES TYPE 6 A C 7; 2 TUBES TYPE 12 SB 7; 2 TUBES TYPE 6 SL 7 GT. 8C-604-C TRANS: 7 TYPE 1619 TUBES; 1 TYPE 1624 TUBES.</p>	<p style="text-align: center;">PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)</p> <p>USE: ARMORED FORCE, FIELD ARTILLERY. INSTALLATION IN COMMAND TANKS AND VEHICLES OF AF, GHQ., CORPS AND DIVS WHERE IT IS NECESSARY TO MONITOR 2 FREQUENCIES SIMULTANEOUSLY.</p> <p>RANGE: (MILES) ? IN MOTION.</p> <p>TO COMMUNICATE WITH: SCR-293-A, 294-A, 508-(), 509-(), 510-(), 528-(), 538-().</p> <p>TO REPLACE IN PART: SCR-193-(), 245-(), 293-().</p> <p>TRANSPORTATION: VEHICLE.</p> <p>TYPE OF SIGNAL: Voice; FM.</p>																																																				
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.		NOMENCLATURE DESIGNATION: SCR-509		
	CHANGE IN STATUS:		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)			PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)	
			FREQUENCY RANGE: (Mc) 20.0 - 28.0 NUMBER OF CRYSTALS: 80 PRESET FREQUENCIES: 2 ANTENNA: 8 FT. FISHPOLE (ANT. AN-45) TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: DRY BATTERIES BA-39; BA-40; BA-41. SIMILAR SETS: SCR-510 EXCEPT POWER SUPPLY. POWER OUTPUT: (WATTS) 1.8 100% MODULATION. TUBES: (TYPE AND NUMBER) SCR-509-A USES: 1 BC-620-A - 4 1LN5; 1 1LC6; 4 1299; 1 1294; 1 1LH4; 2 1291. 1 PE-97 - 1 VR-90-30; 1 CK1005.			USE: <u>ARMED FORCE</u> ; Tk Bn; ARMED REGT; INF REGT. SHORT RANGE RECONNAISSANCE AND SIMILAR MISSIONS. RANGE: (MILES) 5 ON GROUND. TO COMMUNICATE WITH: SCR-293; 294; 508; 510; 509; 528; 538. TO REPLACE IN PART: SCR-195 WITHIN THE ARMORED FORCE. TRANSPORTATION: MAN ON FOOT OR IN ANY VEHICLE. TYPE OF SIGNAL: Voice; (FM)	
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)				
ITEM			DIMENSIONS			WEIGHT	CLASSIFICATION
			HEIGHT	WIDTH	DEPTH		
RADIO RECVR. & TRANS. BC-620							RESTRICTED
COMBINED WEIGHT OF COMPONENTS:						50#	
COMBINED VOLUME:						1.3 CU. FT.	
SHIP TONNAGE:							

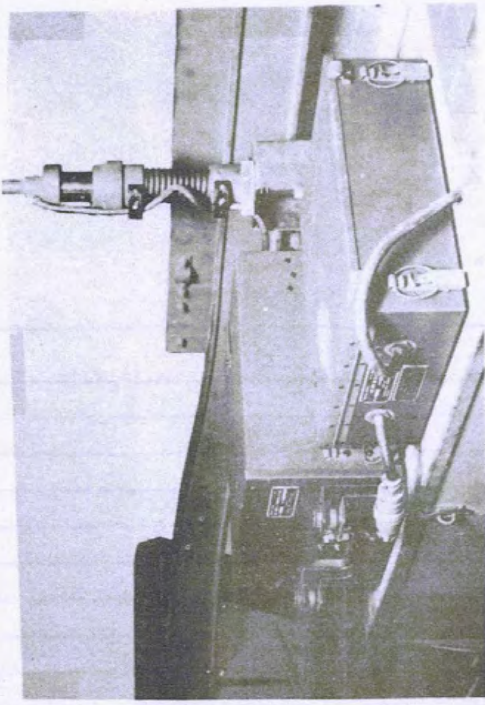
RADIO SET SCR-509
Setup for Operation - 3/4 View

DATE 12-24-41 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J. -

NO. REC- 2595


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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-510																															
 <p style="text-align: center;">RESTRICED</p> <p style="text-align: center;">PRINCIPAL COMPONENTS of RADIO SET SCR-510-() - MAST BASE MP-48 Installed on Right Front Ammunition Box of 81 mm Mortar Carrier M4. - Front 3/4 View</p>		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (Mc) 20.0 - 28.0. NUMBER OF CRYSTALS: 80 PRESET FREQUENCIES: 2 ANTENNA: 8 FT. TELESCOPI MAST. TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: DRY BATTERIES OR VIBRATOR PACK FOR OPERATION FROM ANY 6 OR 12 V VEHICULAR BATTERY. SIMILAR SETS: SCR-509 WHICH USES DRY BATTERIES ONLY. POWER OUTPUT: (WATTS) 1.8 100% MODULATION. TUBES: (TYPE AND NUMBER) SCR-510-A USES: 1 8C-620-A - 4 1LN5; 1 1LC6; 4 1299; 1 1294; 1 1LH4; 2 1291. 1 PE-97-A - 1 VR30-30; 1 CK1005.	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: FA: ARMD BTRY; MED: Co BN ARMD; Sig Co; Co ARMD; ARMD F; TD: BN. USED BY FORWARD OBSERVERS FOR LIAISON PURPOSES. RANGE: (MILES) 5 IN MOTION. TO COMMUNICATE WITH: SCR-293-A; 294-A; 508; 509; 510; 528; 538. TO REPLACE IN PART: SCR-194; 195. TRANSPORTATION: TRANSPORTED & OPERATED IN VEHICLE OR CARRIED BY MAN ON FOOT. TYPE OF SIGNAL: VOICE (FM)																															
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)																																
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RECOVR. & TRANS. 8C-620 PE-97					RESTRICTED																													
COMBINED WEIGHT OF COMPONENTS:		65#																																
COMBINED VOLUME:		1.3 cu. ft.																																
SHIP TONNAGE:																																		

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-511																													
			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)																													
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)																														
RADIO SET SCR-511 In Operating Position			FREQUENCY RANGE: (MC) 3.0 - 6.0. NUMBER OF CRYSTALS: 2 IN EACH TUNING UNIT; 13 TUNING UNITS/ SET AUTHORIZED. PRESET FREQUENCIES: 1 TUNING UNIT INSTALLED; 1 SPARE TUNING UNIT CARRIED WITH SET. ANTENNA: TELESCOPE MAST. THIS ANTENNA ACTUATES SET'S ON-OFF SWITCH WHEN EXTENDED. TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: INTEGRAL DRY BATTERIES BA-49. SIMILAR SETS: NONE POWER OUTPUT: (WATTS) 0.75 TUBE: (TYPE AND NUMBER) SCR-511-B USES: 1 BC-745 - 1 185; 3 174; 5 354.	USE: CAV. TR; ENGR. CO. & TR; INF; PARA, MYN, & AIRBORNE UNITS; Sig C; Co Mtn Div; Co Mtz Div; Co AMPHIBIAN. RANGE: (MILES) 5 NORMAL (10 TO 25 OPTIMUM) TO COMMUNICATE WITH: TO REPLACE IN PART: TRANSPORTATION: MAN ON FOOT, HORSE, OR VEHICLE. TYPE OF SIGNAL: VOICE (AM)																													
			<table border="1"> <thead> <tr> <th rowspan="2">ITEM</th> <th colspan="3">DIMENSIONS</th> <th rowspan="2">WEIGHT</th> <th rowspan="2">CLASSIFICATION</th> </tr> <tr> <th>HEIGHT</th> <th>WIDTH</th> <th>DEPTH</th> </tr> </thead> <tbody> <tr> <td>GUIDON STAFF, CHEST UNIT, 6 TUNING UNITS</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>COMBINED WEIGHT OF COMPONENTS:</td> <td></td> <td></td> <td></td> <td>20#</td> <td></td> </tr> <tr> <td>COMBINED VOLUME:</td> <td></td> <td></td> <td></td> <td>0.5 cu.ft.</td> <td></td> </tr> <tr> <td>SHIP TONNAGE:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	GUIDON STAFF, CHEST UNIT, 6 TUNING UNITS						COMBINED WEIGHT OF COMPONENTS:				20#		COMBINED VOLUME:				0.5 cu.ft.		SHIP TONNAGE:		
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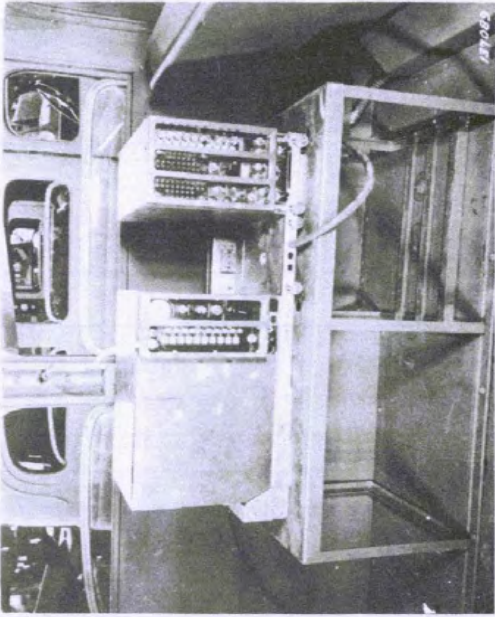
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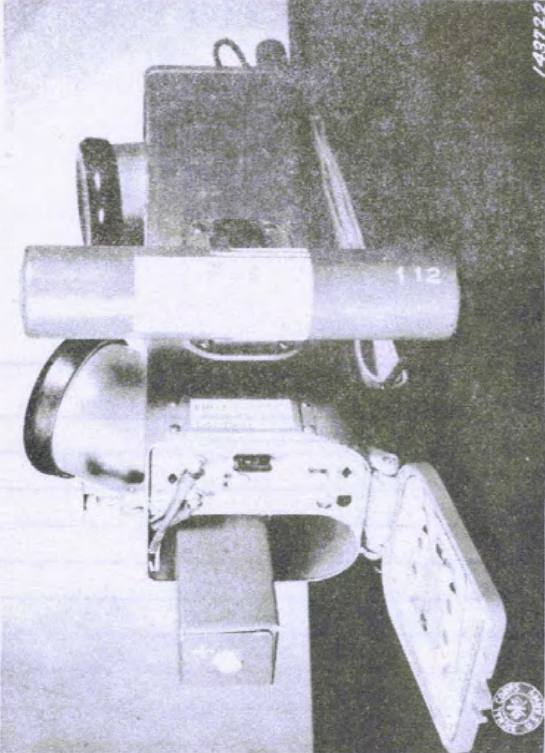
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: <h1 style="text-align: center;">SCR-522</h1>																																			
		<p>PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)</p> <p>FREQUENCY RANGE: (Mc) 100 - 156 Mcs</p> <p>NUMBER OF CRYSTALS: 8 (4 TRANS. 4 RECVR.)</p> <p>PRESET FREQUENCIES: 4 PRESET CHANNELS BOTH RECVR. & TRANS.</p> <p>ANTENNA: AN-7$\frac{1}{4}$ & AN-7$\frac{1}{4}$-A; AN-10$\frac{1}{4}$ & AN-10$\frac{1}{4}$-A - 1/4 WAVE, VERTICAL MAST.</p> <p>TUNING: (MO OR XTAL) CRYSTAL TUNING</p> <p>SENSITIVITY: SELECTIVITY:</p> <p>POWER SOURCE: 28 VOLTS. PRIMARY SOURCE AND PE-94-()</p> <p>SIMILAR SETS: RADIO SET SCR-542-(12 VOLT VERSION OF SCR-522-()).</p> <p>POWER OUTPUT: (WATTS) 6 WATTS TONE & VOICE.</p> <p>TUBES: (TYPE AND NUMBER) SCR-522-A USES:</p> <table border="0"> <tr> <td>1 - 12J5GT</td> <td>3 - 6X4</td> <td>1 - 6SS7</td> </tr> <tr> <td>1 - 12C8</td> <td>1 - 6Y6</td> <td></td> </tr> <tr> <td>1 - 90D2</td> <td>1 - 12A6</td> <td></td> </tr> <tr> <td>3 - 9003</td> <td>1 - 6AG6</td> <td></td> </tr> <tr> <td>1 - 12AH7GT</td> <td></td> <td></td> </tr> </table>	1 - 12J5GT	3 - 6X4	1 - 6SS7	1 - 12C8	1 - 6Y6		1 - 90D2	1 - 12A6		3 - 9003	1 - 6AG6		1 - 12AH7GT			<p>PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)</p> <p>USE: AIR CORPS - USED IN ALL TYPES OF AIRCRAFT. FOR: AIR-TO-AIR; AIR-TO-GROUND COMMUNICATION.</p> <p>RANGE: (MILES) 130 AT 10,000 FEET. (LINE OF SIGHT)</p> <p>TO COMMUNICATE WITH: VHF COMPONENTS OF RADIO SET SCR-274-N. AIR-TO-AIR. SCS-2 AND SCS-3 AIR-TO-GROUND.</p> <p>TO REPLACE IN PART: SCR-624</p> <p>TRANSPORTATION: AIRBORNE INSTALLATION.</p> <p>TYPE OF SIGNAL: TONE & VOICE.</p>																				
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1 - 12AH7GT																																						
<p>PRINCIPAL COMPONENTS OF RADIO SET SCR-522-T3: MADE BY BENDIX RADIO DIVISION OF BENDIX AVIATION CORP., ON ORDER NO. 409-ARL-42</p> <p>141-9314-42</p> <p>ATTACHED RADIO LABORATORY WEIGHT FEED, PHOTO OFFICIAL PHOTOGRAPH - NOT FOR PUBLICATION</p>		<p>PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)</p>																																				
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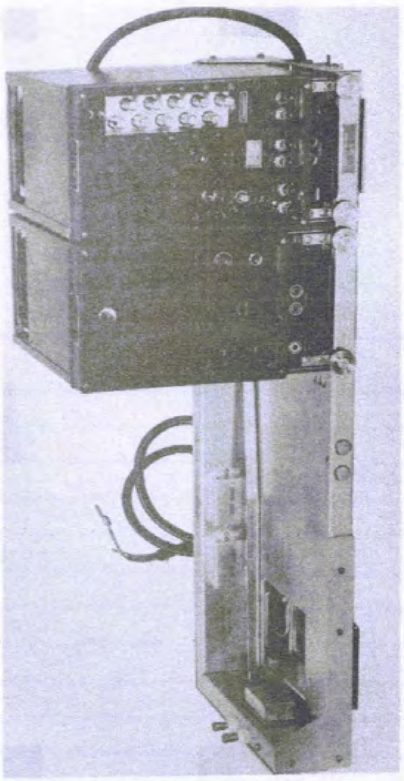
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-528																																																			
 <p data-bbox="820 808 858 1144" style="font-size: small;">FRAME PK-43 . As USED with RADIO SET SCR-528-() Installed in Dodge Truck, 3/4-Ton 4 x 4 Carry-all</p>		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (Mc) 20.0 to 27.9 NUMBER OF CRYSTALS: 80 PRESET FREQUENCIES: 10 ANTENNA: 9 FOOT FISHPOLE TUNING (MO OR XTAL): XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 v: (XMTR) DM-35 (RCVR) DM-34 24 v: (XMTR) DM-37 (RCVR) DM-36 SIMILAR SETS: SAME AS SCR-508 MINUS ONE RADIO RECEIVER BC-603 POWER OUTPUT: (WATTS) 25 AT 100% MODULATION TUBES: (TYPE AND NUMBER) SCR-528 USES: 1-BC-603-C REC.: 1-6H6; 1-6J5; 1-6V6GT; 3-6AC7/ 1852; 2-12 SG 7; 2-6 SL7 GT. 1-BC-604-C TRANS.: 7-1819; 1-1624. (TUBE CONTENTS MAY VARY IN DIFFERENT MODELS. MODEL 528-C IS CITED TO SHOW TUBE CONTENT AS BEING FAIR- LY TYPICAL.)	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: CW; ENBR; FA; MED DEPT; QMC; ARMD F; INTERMEDIATE COMMAND TMS & VEHICLES OF ARMORED FORCE, GHQ, CORPS AND DIVISIONS. RANGE: (MILES) 7 WHILE IN MOTION TO COMMUNICATE WITH: SCR-293, 294, 508, 509, 510, 528, 538. TO REPLACE IN PART: SCR-293, 245 IN ARMORED FORCE. TRANSPORTATION: AND OPERATION IN VEHICLES. TYPE OF SIGNAL: VOICE (FM)																																																			
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-536		
			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (Mc) 3.5 to 6.0 NUMBER OF CRYSTALS: THREE CRYSTALS COMPLETE WITH COIL UNITS, ARE FURNISHED, BUT CAN BE USED ONLY ONE AT A TIME. PRESET FREQUENCIES: SINGLE CRYSTAL CONTROLLED. ANTENNA: 144" WHIP ANTENNA - TELESCOPES INTO SET BOX. REGR. IS TURNED ON WHEN ANTENNA IS EXTENDED. TUNING: (MO OR XTAL) CRYSTAL. SENSITIVITY: SELECTIVITY: POWER SOURCE: SELF CONTAINED DRY BATTERIES. SIMILAR SETS: NONE. POWER OUTPUT: (WATTS) .015 TUBES: (TYPE AND NUMBER) 1 BC-611-B TRANSCEIVER, TUBES: 1, 1 R 5 TUBE; 1, 1 S 5 TUBE; 1, 1 T 4 TUBE; 2, 3 S 4 TUBE.		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: USED BY PARACHUTE TROOPS, AIRBORNE TROOPS, AND ANTI-TANK UNITS OF THE INFANTRY FOR SHORT RANGE COMMUNICATION. RANGE: (MILES) 1 1/2 TO COMMUNICATE WITH: SCR-187-(), 188-(), 192-(), 245-(), 274-N, 283, 287-(), 288. TO REPLACE IN PART: NONE. TRANSPORTATION: MAN PACK (CARRIED IN POKET OR POUCH). TYPE OF SIGNAL: VOICE ONLY.	
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)			
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
REGR. & TRANS. BC-611		HEIGHT	WIDTH	DEPTH	5.5#	
		15 3/4"	5 3/8"	3 3/4"		
					6 #	
COMBINED WEIGHT OF COMPONENTS:					4.80 Cu. IN.	
COMBINED VOLUME:					8 #	
SHIP TONNAGE:						

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-538																																		
	CHANGE IN STATUS:		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE (Mc) 20 TO 27.9 (RECEIVER ONLY) NUMBER OF CRYSTALS: PRESET FREQUENCIES: 10 - PUSH BUTTON SELECTION ANTENNA: 9 FT. FISHPOLE TUNING: (MO OR XTAL) SENSITIVITY: SELECTIVITY: POWER SOURCE: VEHICLE BATTERY (12 V OR 24 V) SIMILAR SETS: POWER OUTPUT: (WATTS) TUBES: (TYPE AND NUMBER) SCR-538 USES: 1-8C-603-A; 1-8C-605-A. 1-8C-603-A; 2-6 SL 7 GT; 1-6H6; 1-6J5; 1-6V6 GT; 3-6AC 7/1852; 2-12SG7. 1-605-A; 2-1619 TUBES.	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: Cav; Meoz & Mtzd; ARMD FI; TANK AND MAINTENANCE UNITS. RANGE: (MILES) TO COMMUNICATE WITH: SCR-293, 508, 509, 510, 528 TO REPLACE IN PART: SCR-210, 294. TRANSPORTATION: TRANSPORTED AND OPERATED IN VEHICLES TYPE OF SIGNAL: VOICE (FM)																																	
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		RADIO SET SCR-538-A Front View <small>ENVY 1-27-42 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J. - NA 88-2755</small>	<table border="1"> <thead> <tr> <th rowspan="2">ITEM</th> <th colspan="3">DIMENSIONS</th> <th rowspan="2">WEIGHT</th> <th rowspan="2">CLASSIFICATION</th> </tr> <tr> <th>HEIGHT</th> <th>WIDTH</th> <th>DEPTH</th> </tr> </thead> <tbody> <tr> <td>RECEIVER 8C-603, INTERPHONE AMP. 8C-605 MOUNTING BASE FT-237, ANT. MAST BASE MP-37 OR 57</td> <td>14 "</td> <td>14 1/2"</td> <td>3 1/4 "</td> <td>135 #</td> <td>RESTRICTED</td> </tr> <tr> <td>COMBINED WEIGHT OF COMPONENTS:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>COMBINED VOLUME:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>SHIP TONNAGE:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	RECEIVER 8C-603, INTERPHONE AMP. 8C-605 MOUNTING BASE FT-237, ANT. MAST BASE MP-37 OR 57	14 "	14 1/2"	3 1/4 "	135 #	RESTRICTED	COMBINED WEIGHT OF COMPONENTS:						COMBINED VOLUME:						SHIP TONNAGE:						
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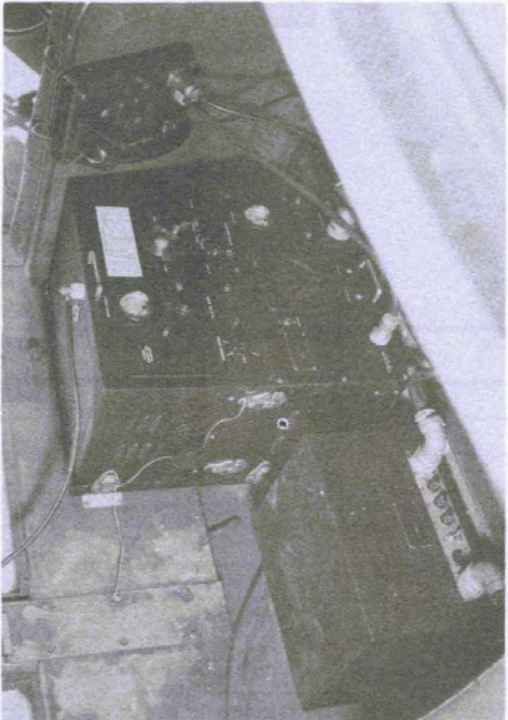
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	CHANGE IN STATUS:				<p>PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)</p> <p>FREQUENCY RANGE: (Mc) 100 - 156 Mcs. NUMBER OF CRYSTALS: 8 (1/4 TRANS. - 1/4 REOVR.) PRESET FREQUENCIES: 1/2 PRESEY CHANNELS, BOTH REOVR. AND TRANS. ANTENNA: 1/4 WAVE, VERTICAL MAST - AN-7L & AN-7L-A AN-10L & AN-10L-A. TUNING: (MO OR XTAL) XTAL TUNING. SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 VOLT PRIMARY SOURCE AND PE-98-() SIMILAR SETS: SCR-522 (EXCEPT VOLTAGE) POWER OUTPUT: (WATTS) 6 WATTS TONE & VOICE. TUBE: (TYPE AND NUMBER)</p>	<p>PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)</p> <p>USE: AIR CORPS - USED IN ALL TYPES OF AIRCRAFT. FOR: AIR-TO-AIR, AIR-TO-GROUND COMMUNI- CATION.</p> <p>RANGE: (MILES) 130 AT 1000 FT. (LINE OF SIGHT).</p> <p>TO COMMUNICATE WITH: VHF COMPONENTS OF SCR-27L-N, SCS-2, SCS-3 AND SCR-62L.</p> <p>TO REPLACE IN PART:</p> <p>TRANSPORTATION: AIRBORNE INSTALLATION.</p> <p>TYPE OF SIGNAL: TONE & VOICE.</p>																																
<p style="text-align: center;">AIRCRAFT RADIO LABORATORY, WEIGHT FIELD, ORID OFFICIAL PHOTOGRAPH - NOT FOR PUBLICATION</p>			<p>PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)</p> <table border="1"> <thead> <tr> <th rowspan="2">ITEM</th> <th colspan="3">DIMENSIONS</th> <th rowspan="2">WEIGHT</th> <th rowspan="2">CLASSIFICATION</th> </tr> <tr> <th>HEIGHT</th> <th>WIDTH</th> <th>DEPTH</th> </tr> </thead> <tbody> <tr> <td>TRANS. BC-(); REOVR. BC-()</td> <td></td> <td></td> <td></td> <td>91 #</td> <td>RESTRICTED</td> </tr> <tr> <td>COMBINED WEIGHT OF COMPONENTS:</td> <td></td> <td></td> <td></td> <td>91 # APPROX.</td> <td></td> </tr> <tr> <td>COMBINED VOLUME:</td> <td></td> <td></td> <td></td> <td>1.8 CU. FT. APPROX.</td> <td></td> </tr> <tr> <td>SHIP TONNAGE:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	TRANS. BC-(); REOVR. BC-()				91 #	RESTRICTED	COMBINED WEIGHT OF COMPONENTS:				91 # APPROX.		COMBINED VOLUME:				1.8 CU. FT. APPROX.		SHIP TONNAGE:					
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<p>MADE BY BENDIX RADIO CORPORATION ON ORDER NO. 1974-ARL-31</p>																																						
<p>PRINCIPAL COMPONENTS OF RADIO SET SCR-542-T2:</p>																																						

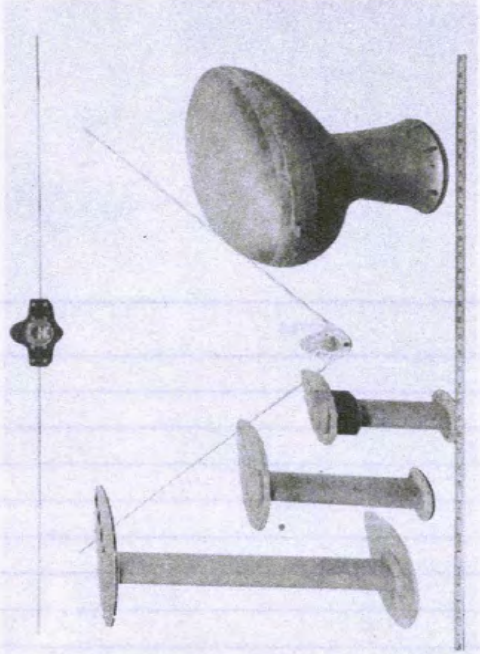
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 <p style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: small;">PRINCIPAL COMPONENTS of RADIO SET SCR-543-A - MOUNTED on ROADSIDE WALL of DOORIE TRUCK. 3/4-TON X 4 CARRY-ALL Front View</p>			<p style="text-align: center;">PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)</p> <p>FREQUENCY RANGE: (Mc) 1.7 - 4.4.</p> <p>NUMBER OF CRYSTALS: 6</p> <p>PRESET FREQUENCIES: 6</p> <p>ANTENNA: 15' WHIP ANTENNA MS-50, 51, 52, 53.</p> <p>TUNING: (MO OR XTAL) XTAL</p> <p>SENSITIVITY: SELECTIVITY:</p> <p>POWER SOURCE: PE-110 115V AC PF-108</p> <p>SIMILAR SETS:</p> <p>POWER OUTPUT: (WATTS) 45</p> <p>TUBES: (TYPE AND NUMBER) SCR-543-C USES: 1 BC-669 - 1 6H6; 1 6J5; 2 807; 1 6L6; 4 6L6G; 3 6SK7; 1 12J5GT; 1 6SA7; 1 6K6GT. 1 PE-110-C - 1 TYPE 80; 4 5Z5.</p>	<p style="text-align: center;">PART B - MILITARY CHARACTERISTICS (CLASSIFICATION:</p> <p>USE: CAC: FIRING BTRY, BARRAGE BLN UNITS, & AA UNITS.</p> <p>RANGE: (MILES) 15 MOVING. 20-30 STATIONARY.</p> <p>TO COMMUNICATE WITH:</p> <p>TO REPLACE IN PART:</p> <p>TRANSPORTATION: VEHICLE. (CAN BE DISMOUNTED QUICKLY AND OPERATED WITH INCREASED RANGE AS FIELD STATION)</p> <p>TYPE OF SIGNAL: VOICE ONLY (AM).</p>																										
			<p style="text-align: center;">PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)</p>																											
<table border="1" style="width: 100%;"> <thead> <tr> <th rowspan="2">ITEM</th> <th colspan="3">DIMENSIONS</th> <th rowspan="2">WEIGHT</th> <th rowspan="2">CLASSIFICATION</th> </tr> <tr> <th>HEIGHT</th> <th>WIDTH</th> <th>DEPTH</th> </tr> </thead> <tbody> <tr> <td>RECVR. & TRANS. BC-669, POWER UNIT PE-110, POWER UNIT PE-108.</td> <td>28 1/2"</td> <td>20 3/8"</td> <td>29 3/4"</td> <td>181#</td> <td>RESTRICTED</td> </tr> </tbody> </table>			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	RECVR. & TRANS. BC-669, POWER UNIT PE-110, POWER UNIT PE-108.	28 1/2"	20 3/8"	29 3/4"	181#	RESTRICTED	<table border="1" style="width: 100%;"> <thead> <tr> <th>HEIGHT</th> <th>WIDTH</th> <th>DEPTH</th> <th>WEIGHT</th> <th>CLASSIFICATION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION					
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COMBINED WEIGHT OF COMPONENTS:																														
COMBINED VOLUME:																														
SHIP TONNAGE:																														


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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: UNDER DEVELOPMENT DEC, 1942	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-570		
	CHANGE IN STATUS:	PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION:)		
 <p style="writing-mode: vertical-rl; transform: rotate(180deg);">PROJECT 32 (ITEM I-42-B) IIO-MC. EXPERIMENTAL HORIZONTAL ANTENNAS FOR RADIO SET SCR-570-T1 (DIPOLE, "V" AND LOOPS)</p>		FREQUENCY RANGE: (Mc) 103 - 111 NUMBER OF CRYSTALS: 6 PRESET FREQUENCIES: 6 ANTENNA: TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: 24 or 12 VOLTS DC (BATTERY). SIMILAR SETS: POWER OUTPUT: (WATTS) NONE TUBES: (TYPE AND NUMBER) ONE 6C-733-A: 2 - 12 SQ 7 2 - 12 SR 7 3 - WE 717 A 1 - 12 A 6 1 12 AH 7 GT 1 - 12 SQ 7	USE: AIRBORNE EQUIPMENT FOR RECEIVING LOCALIZER SIGNALS FOR USE IN INSTRUMENT LANDING AFTER THE AIRPLANE HAS ARRIVED IN THE VICINITY OF AN AIRPORT AND FOR SIMULTANEOUS VOICE SIGNAL RECEPTION. WILL ALSO INCLUDE SLIDE PATH RECEIVER WHEN DEVELOPED. RANGE: (MILES) TO COMMUNICATE WITH: SCR-591 (INST. LAND. LOCALIZER TRANS.) TO REPLACE IN PART: TRANSPORTATION: AIRCRAFT INSTALLATION. TYPE OF SIGNAL: CW; MCW AND SIMULTANEOUS VOICE SIGNAL RECEPTION.		
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)			
ITEM		DIMENSIONS			WEIGHT CLASSIFICATION
		HEIGHT	WIDTH	DEPTH	
NOTE: DUE TO VARIATIONS IN AIRCRAFT INSTALLATIONS BOTH WEIGHTS AND VOLUMES OF COMPLETE SETS VARY CONSIDERABLY AND THE FIGURES SHOWN ARE THEREFORE APPROXIMATE.					
COMBINED WEIGHT OF COMPONENTS:					22#
COMBINED VOLUME:					3.4 Cu.Ft. APPROX.
SHIP TONNAGE:					

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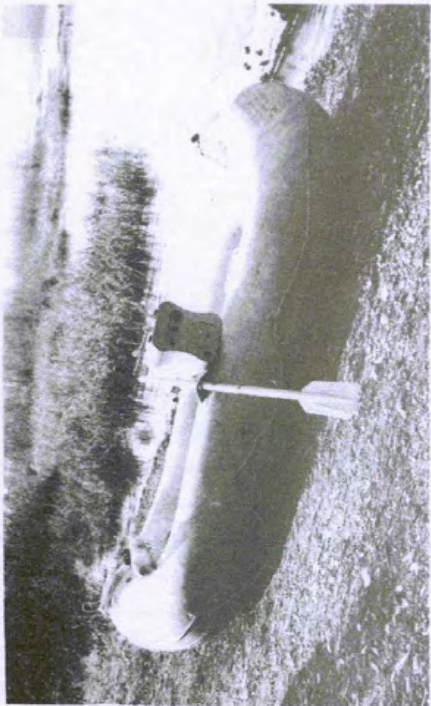
THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: UNDER DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-577				
	CHANGE IN STATUS:	PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)				
		FREQUENCY RANGE: (Mc) NUMBER OF CRYSTALS: PRESET FREQUENCIES: ANTENNA: TUNING: (MO OR XTAL) SENSITIVITY: SELECTIVITY: POWER SOURCE: 600 WATT 110V GASOLINE DRIVEN POWER UNIT. SIMILAR SETS: POWER OUTPUT: (WATTS) TUBES: (TYPE AND NUMBER)	USE: Sig C; BETWEEN HEADQUARTERS OF ARMY, ARMY CORPS AND DIVISIONS. RANGE: (Miles) 50 TO COMMUNICATE WITH: TO REPLACE IN PART: TRANSPORTATION: VEHICLE TYPE OF SIGNAL: TONE; VOICE.				
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
			HEIGHT	WIDTH	DEPTH		
		REOVR. D-151143; TRANS. D-151142; CONTROL UNIT D-151144					
		COMBINED WEIGHT OF COMPONENTS:			455#		
		COMBINED VOLUME:			13 Cu.Ft.		
		SHIP TONNAGE:					

RADIO RECEIVER D-151143 - RADIO TRANSMITTER D-151142 - MOUNTING D-151141
 Control Unit D-151144 with Connecting Cables (Western Electric) . For Radio Set SCR-577
 Front View

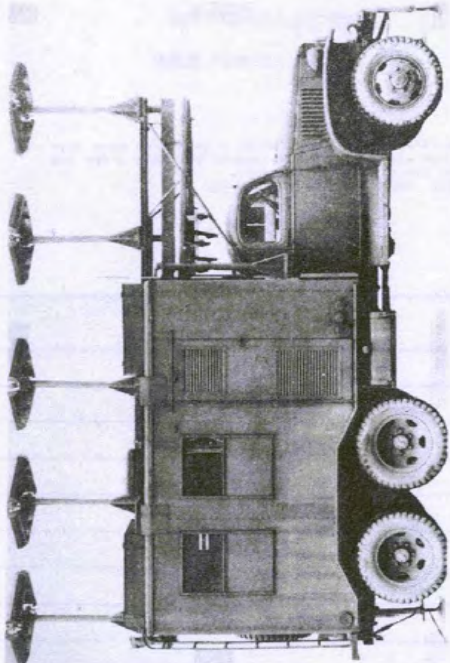
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS:	STANDARD DEC, 1942	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	SCR-578
	CHANGE IN STATUS:				
			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)
			FREQUENCY RANGE: (Mc) INTERNATIONAL DISTRESS FREQUENCY .500 MODULATED AT 1000 OPS. NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: PRETUNED TO .500 Mc. ANTENNA: 300 FT. ANTENNA WIRE W-148, WOUND ON REEL RL-48 AND RAISED BY BALLOON M-278-A OR KITE M-277-A. TUNING: (MO OR XTAL) SENSITIVITY: SELECTIVITY: POWER SOURCE: BUILT-IN GENERATOR, OPERATED BY HAND CRANK GC-18-A. SIMILAR SETS: CAPTURED GERMAN "NOT-SENDER". POWER OUTPUT: (WATTS) 4.8 TUBES: (TYPE AND NUMBER) <u>1 - BC 778-B TRANS:</u> 1 - 12-A-6 1 - 12-SC-7		USE: PORTABLE TRANSMITTER USED IN RUBBER DINGHIES FOR SEA-RESQUE PURPOSES. SHAPED TO FIT BETWEEN THE KNEES OF AN OPERATOR. IT IS WATERTIGHT AND WILL FLOAT. RANGE: (MILES) 200 (TO AIRCRAFT AT 2000 FT). TO COMMUNICATE WITH: TO REPLACE IN PART: TRANSPORTATION: AIRCRAFT (PORTABLE TRANS. USED FOR SEA-RESQUE). TYPE OF SIGNAL: MDW (1000 OPS) AUTOMATIC S.O.S. AND MANUAL KEYING ON FIXED DISTRESS FREQUENCY .500 MGS.
RADIO TRANSMITTER BC-778-T1 AND CRANK GC-18-T1 PARTS OF RADIO SET SCR-578-T1; SHOWN ON A RUBBER DINGHY TYPE A-2. (MFD. BY BENDIX AVIATION, LTD., N. HOLLYWOOD, CALIF.) AIRCRAFT RADIO LENSES, WEIGHT FIELD, 6810 OFFICIAL PHOTOGRAPH - NOT FOR PUBLICATION JEL - 328 - 18			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		
			ITEM	HEIGHT	WIDTH
2 ROLLS - 300 FT. EA ANTENNA WIRE	---	---	---	1.1	
1 BAG - HOUSING FOR ACCESSORIES	39 1/2"	X 7" Dia.		3.2	
1 BAG - HOUSING FOR TRANSMITTER	---	---	---	1.4	
2 BALLOONS	---	---	---	2.4	
1 HAND CRANK	---	---	---	.45	
2 HYDROGEN GENERATORS	---	---	---	5.92	
2 BALLOON INFLATING TUBES	---	---	---	1.6	
1 BOX KITE	---	---	---	1.45	
1 RADIO TRANSMITTER	10 1/2"	9 1/2"	9"	15.1	
1 SIGNAL LAMP	---	---	---	.2	
1 PARACHUTE	---	---	---	1.0	
COMBINED WEIGHT OF COMPONENTS:				35# APPROX.	
COMBINED VOLUME:				3 TO 4 CU. FT. APPROX.	
SHIP TONNAGE:					

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	SCR-591					
	CHANGE IN STATUS:		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)					
 <p>RADIO SET SCR-591-T6 INSTALLED IN TRUCK K-53. PREPRODUCTION SAMPLE SUBMITTED BY FEDERAL TELEGRAPH CO. ON CONTRACT NO. W535-SC-100, ORDER NO. 2400-ARL-42, NOVEMBER, 1942 AIRCRAFT RADIO LABORATORY, WRIGHT FIELD, OHIO OFFICIAL PHOTOGRAPHS - NOT FOR PUBLICATION</p>			FREQUENCY RANGE: (Mc) NUMBER OF CRYSTALS: 1 PRESET FREQUENCIES: 6 ANTENNA: PROVIDES CIRCULAR RADIATION PATTERN OF HORIZONTAL POLARIZATION (LOOP MAST). TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: 110 VOLTS 60 CYCLE AC GASOLINE ENGINE DRIVEN MOTOR GENERATOR. SIMILAR SETS: POWER OUTPUT: (WATTS) 250 TUBES: (TYPE AND NUMBER) (SEE REMARKS FOR TUBE CONTENT)		USE: TRANSMITS AND MONITORS A LOCALIZER BEAM FOR USE IN MAKING INSTRUMENT LANDING AFTER AIRCRAFT HAS ARRIVED IN THE VICINITY OF THE AIRPORT. RANGE: (MILES) 20 MILES USABLE. TO COMMUNICATE WITH: AIRCRAFT RADIO COMPASSES AND LANDING EQUIPMENT. TO REPLACE IN PART: TRANSPORTATION: TRUCK TYPE OF SIGNAL: CW AND MOD.					
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)							
			ITEM		DIMENSIONS		WEIGHT	CLASSIFICATION		
					HEIGHT	WIDTH			DEPTH	
			RC-107 LOCALIZER TRANS. EQUIPMENT CONSISTS OF: BC-915 CONTROL BOX & POWER UNIT BC-751 RADIO TRANS. BC-752 MOD. & BRIDGE UNIT BC-753 COURSE INDICATOR (FIXED) BC-754 COURSE INDICATOR (PORTABLE) BC-755 FIELD INTENSITY METER BC-777 INDICATOR BOX RC-109 ANTENNA EQUIPMENT SCR-610 RADIO SET M-321 HEATER MAINT. PARTS & TOOLS SURVEYING INSTRUMENT DC-8-() CRYSTAL UNIT IS-175 VOLTMETER IS-176 VOLTMETER							
			COMBINED WEIGHT OF COMPONENTS:				3095 #			
			COMBINED VOLUME:		INSTALLED IN K-53 TRUCK, 80-100 CU.FT. APPROX.					
			SHIP TONNAGE:							

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	UNDER DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-597			
<p style="text-align: center;"><u>SET UNDER DEVELOPMENT</u></p> <p style="text-align: center;"><u>NO PHOTOGRAPHS AVAILABLE</u></p>			<p style="text-align: center;">PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)</p> <p>FREQUENCY RANGE: (Mc) TRANS. 2 - 20, RECVR. 2 - 35</p> <p>NUMBER OF CRYSTALS:</p> <p>PRESET FREQUENCIES: 3</p> <p>ANTENNA:</p> <p>TUNING: (MO OR XTAL) MO</p> <p>SENSITIVITY: SELECTIVITY:</p> <p>POWER SOURCE: POWER PLANT 5-7½ KVA; 115V 60 CYCLES SINGLE PHASE.</p> <p>SIMILAR SETS:</p> <p>POWER OUTPUT: (WATTS) 500</p> <p>TUBES: (TYPE AND NUMBER) 1 BC-1127 - 2 6SK7; 2 6V6GT; 1 807; 1 812; 1 F12B-A; 2 6J5; 3 6L6G; 1 6H6. 1 BC-1131 - 2 6L6G; 2 F123-A; 4 5U4G; 2 F553-A.</p>	<p style="text-align: center;">PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)</p> <p>USE: ARMY GROUND FORCES; AIR FORCES. TO BE USED IN DIVISIONS, CORPS & ARMY NETS, AND AIR CORPS LONG DISTANCE NETS, & IN VARIOUS INSTALLATIONS OF AIRCRAFT DETECTOR EQUIPMENT.</p> <p>RANGE: (MILES) STATIONARY 100 MILES ON VOICE, 350 MILES ON CW.</p> <p>TO COMMUNICATE WITH:</p> <p>TO REPLACE IN PART: SCR-299, 197, 505.</p> <p>TRANSPORTATION: TRUCKS (2½ TON 6x6 CAPACITY)</p> <p>TYPE OF SIGNAL: CW; TONE (AM)</p>			
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)				
			ITEM				
			DIMENSIONS			WEIGHT	CLASSIFICATION
TRANS. BC-1127 - MODULATOR AND POWER UNIT BC-1131 RECVR. BC-997.			HEIGHT	WIDTH	DEPTH		
			COMBINED WEIGHT OF COMPONENTS:				
COMBINED VOLUME:							
SHIP TONNAGE:							

24-21558

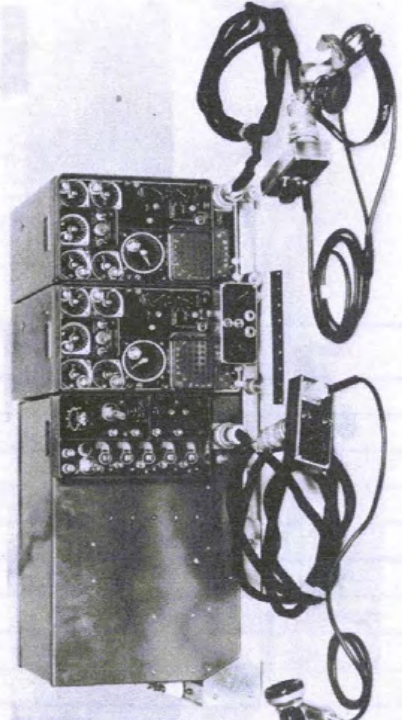
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	UNDER DEVELOPMENT DEC, 1942	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: <h1 style="text-align: center;">SCR-601</h1>				
<p style="text-align: center;">SET UNDER DEVELOPMENT</p> <p style="text-align: center;">NO PHOTOGRAPHS AVAILABLE</p>		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Mc) 100 - 156 TUNES OVER 5Mc. BAND. NUMBER OF CRYSTALS: UNDER DEVELOPMENT. PRESET FREQUENCIES: ANTENNA: VERTICALLY POLARIZED. TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: 115 VOLT 60 CYCLE SINGLE PHASE GENERATOR. 2 KVA-AC 6 VOLT 20 AMP. DC (ARL-118) SIMILAR SETS: SCR-277 GASOLINE MOTOR DRIVEN. POWER OUTPUT: (WATTS) CONE OF SILENCE 25 WATTS (ARL-117-1) RADIO TRANS. 100 WATTS CARRIER & 50 WATTS SIDE BAND ARL-119. TUBES: (TYPE AND NUMBER)		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: PORTABLE U.H.F. RADIO TWO COURSE AURAL RADIO RANGE WITH STATION IDENTIFICATION, PERIODIC QUADRANT IDENTIFICATION, AND SIMULTANEOUS PHONE TRANSMISSION. RANGE: (MILES) TO COMMUNICATE WITH: TO REPLACE IN PART: TRANSPORTATION: TRUCK TYPE OF SIGNAL: ARL-117 CW, ARL-119 MODULATED AT 1020 CPS. & VOICE OR CW, MCW & VOICE.				
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)						
		ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
				HEIGHT	WIDTH	DEPTH		
		COMBINED WEIGHT OF COMPONENTS:		TOTAL WEIGHT LESS THAN 2000#			WITHOUT VEHICLE. (TO BE	
		COMBINED VOLUME:		200#			CONSTRUCTED IN UNITS NONE OF WHICH IS TO WEIGH OVER	
		SHIP TONNAGE:						

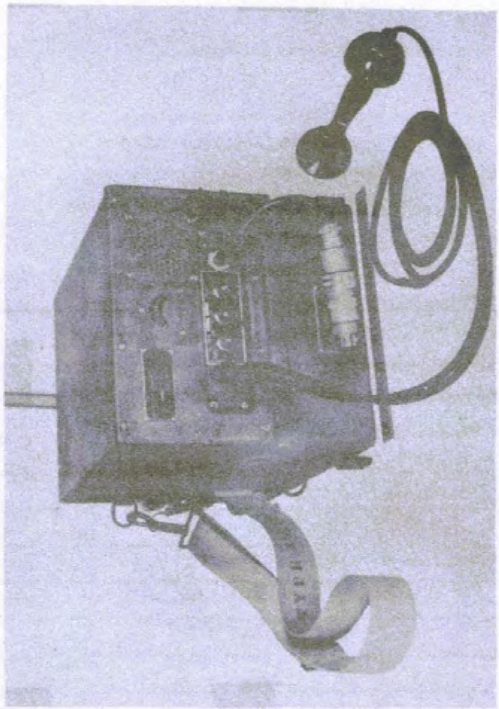
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-608																																																				
 <p style="text-align: center; font-size: small;">FIG. 24-2120-1 (Front View)</p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)																																																			
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)																																																					
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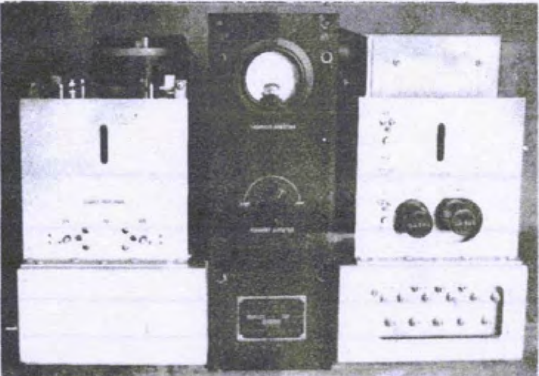
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIGO	STATUS: STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-609				
	CHANGE IN STATUS:		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (Mc) 27.0 - 38.9 NUMBER OF CRYSTALS: 120 PRESET FREQUENCIES: 2 ANTENNA: FISHPOLE TYPE AN-29-G TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: DRY BATTERIES; POWER UNIT PE-97. SIMILAR SETS: SCR-610 EXCEPT FOR POWER SUPPLY. POWER OUTPUT: (WATTS) 2 TUBES: (TYPE AND NUMBER) 1 BC-659-A 5 1LN5 2 1291 1 1299 1 1LM4 1 1294 1 1L06	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: FA: SHORT RANGE RECONNAISSANCE, FIRE CONTROL & SIMILAR USES. RANGE: (Miles) TO COMMUNICATE WITH: SCR-608, 609, 610, 628. TO REPLACE IN PART: SCR-284, 169, 194, 288. TRANSPORTATION: VEHICLE, OR MAN PACK. TYPE OF SIGNAL: Voice (FM)			
	RADIO SET SCR-609-() Set up for Field Operation	PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
			HEIGHT	WIDTH	DEPTH		
		RECVR. & TRANS. BC-659; CASE CS-79 (FOR BATTERIES); REMOTE CONTROL UNIT RM-29.					
		COMBINED WEIGHT OF COMPONENTS:				50#	
COMBINED VOLUME:				1.3 cu. ft.			
SHIP TONNAGE:							


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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	UNDER DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: <h2 style="text-align: center; margin: 0;">SCR-611</h2>		
			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		
			FREQUENCY RANGE: (Kc) 200 to 400 Kcs. NUMBER OF CRYSTALS: 2 PRESET FREQUENCIES: 201 - 219 Kcs. ANTENNA: ANTENNA COMPONENTS OF NEW DESIGN (NOT YET DETERMINED) TUNING: (MO OR XTAL) XTAL CONTROLLED SENSITIVITY: SELECTIVITY: POWER SOURCE: GASOLINE DRIVEN GENERATOR SIMILAR SETS: SCR-241-() POWER OUTPUT: (WATTS) 50 TUBES: (TYPE AND NUMBER)	USE: RADIO COMPASS LOCATOR AND MARKER BEACON USED AS A PART OF INSTRUMENT LANDING SYSTEM SCS-51 FOR AIRCRAFT LANDING. RANGE: (MILES) 20 MICRO VOLTS PER METER OF CARRIER AT 40 MILES ON GROUND. TO COMMUNICATION WITH: RADIO COMPASSES AND LANDING EQUIPMENT. TO REPLACE IN PART: REPLACES SCR-241-() TRANSPORTATION: TRUCK TYPE OF SIGNAL: MCW & CW		
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)						
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
		HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					360#	
COMBINED VOLUME:					2520 cu. ft.	
SHIP TONNAGE:						

THIS SHEET IS CLASSIFIED: RESTRICTED

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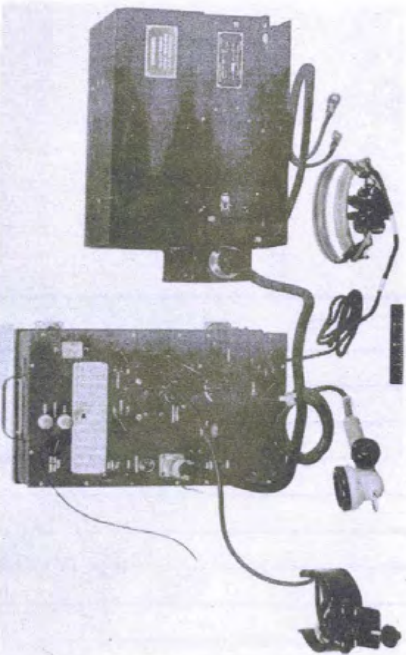
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	UNDER DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: <h2 style="text-align: center;">SCR-619</h2>			
		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)			
		FREQUENCY RANGE: (Mc) 27 - 38.9 NUMBER OF CRYSTALS: 22 PRESET FREQUENCIES: 2 ANTENNA: TUNING: (MO OR XTAL) XTAL SENSITIVITY: SELECTIVITY: POWER SOURCE: SIMILAR SETS: SCR-609, 610 POWER OUTPUT: (WATTS) 2 TUBES: (TYPE AND NUMBER) 6 1L4 1 1R5 3 1R5 3 3A5 1 1A3		USE: FIELD ARTILLERY. RANGE: (MILES) APPROX. 5 TO COMMUNICATE WITH: SCR-609, 608, 628. TO REPLACE IN PART: TRANSPORTATION: MAN CARRIED, ANIMAL PACK, OR FIELD ARTILLERY VEHICLE. TYPE OF SIGNAL: VOICE, (FM)			
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
<div style="text-align: center;">RESTRICTED</div> <div style="text-align: center; font-size: small;"> RADIO SET SCR-619 in CARRYING CASE Prepared for Transportation </div>		ITEM	DIMENSIONS			WEIGHT CLASSIFICATION	
			HEIGHT	WIDTH	DEPTH		
		COMBINED WEIGHT OF COMPONENTS:	NOT TO EXCEED			25#	
COMBINED VOLUME:							
SHIP TONNAGE:							

24-21282

Regraded Unclassified DOD DIR 5200.9

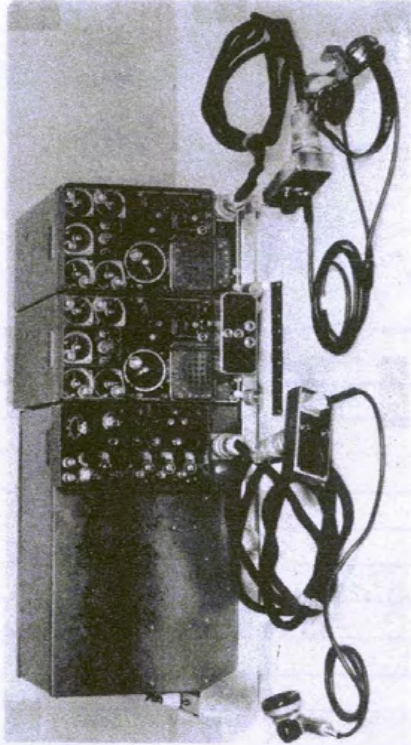
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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: UNDER DEVELOPMENT CHANGE IN STATUS:	UNDER DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-694		
 <p style="text-align: center;">RESTRICTED</p> <p style="text-align: center;">PRINCIPAL COMPONENTS of RADIO SET SCR-694(-) Prepared for Calculator Operation</p> <p style="text-align: center;">PART 2-1-43 SIGNAL CORPS GROUND SIGNAL SERVICE NO. SC694S721</p>			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Mc) 3.8 - 6 NUMBER OF CRYSTAL: 2 PRESET FREQUENCIES: 2 ANTENNA: 15' WHIP AN-123, 124. TUNING: (MO OR XTAL) BOTH SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 V VEHICLE BATTERY. VIBRATOR UNIT PE-156, GENERATOR GN-35. SIMILAR SETS: POWER OUTPUT: (WATTS) VEHICLE OPERATION A1-25, A3-7; FIELD OPERATION A1-20, A3-5. TUBES: (TYPE AND NUMBER) 1 TRANS.: 2 3A4; 1 HY65 1 TS70; 1 VR105-30. 1 REOVR.: 3 1T4; 1 1R5; 1 1R5; 1 3Q4. 1 PE-156 - 2 OK1006.		PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: INFANTRY PARACHUTE & AIRBORNE TROOPS. RANGE: (MILES) STATIONARY CW-30; VOICE-15; MOVING CW-15; VOICE-7. TO COMMUNICATE WITH: SCR-284, 536, 511. TO REPLACE IN PART: SCR-284. TRANSPORTATION: VEHICLE OR MAN PACK. TYPE OF SIGNAL: CW; VOICE (AM).	
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)			
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
TRANS. & REOVR. BC-1136; VIBRATOR UNIT PE-156; GENERATOR GN-35.		14"	9"	5"	17# (REOVR. & TRANS. ONLY)	RESTRICTED
COMBINED WEIGHT OF COMPONENTS:						
COMBINED VOLUME:						
SHIP TONNAGE:						

THIS SHEET IS CLASSIFIED: RESTRICTED

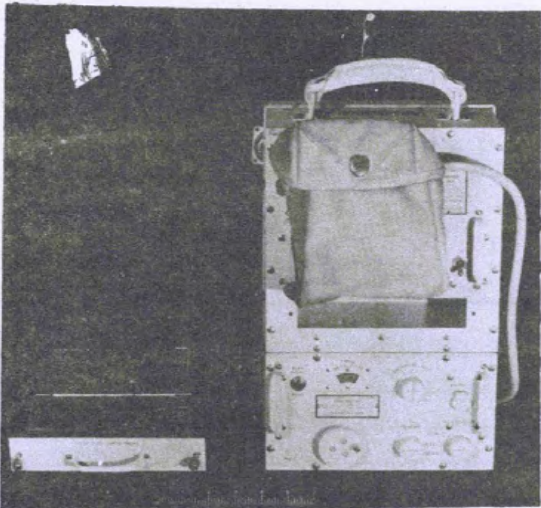
THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OC SIGO	STATUS:	UNDER DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-708				
	CHANGE IN STATUS:			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Mc) 20.0 - 27.9. NUMBER OF CRYSTALS: 2(ONE PER RECVR. BC-603 FOR CALIBRATING). PRESET FREQUENCIES: ANY 4 OR 120 AVAILABLE. ANTENNA: SECTIONAL MAST TYPE. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 or 24 V. VEHICULAR BATTERY. SIMILAR SETS: SCR-508, 608, 708, 808, 828. POWER OUTPUT: (WATTS) 25 TUBES: (TYPE AND NUMBER) NO TUBE INFORMATION AS YET. UNDER DEVELOPMENT.	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION:) USE: USED BY AF TANKS, SCOUT CARS, HALF-TRACKS ETC. COMMAND SET. RANGE: (MILES) 7 WHILE IN MOTION. TO COMMUNICATE WITH: SCR-293-A, 294-A, 508-(), 509-(), 528-(), 538-(), 510-(), TO REPLACE IN PART: SCR-508. TRANSPORTATION: VEHICLE. TYPE OF SIGNAL: FREQUENCY MODULATED. VOICE ONLY.			
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
				HEIGHT	WIDTH	DEPTH		
			UNDER DEVELOPMENT. SEE REMARKS.					
			COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:								
SHIP TONNAGE:								

24-21282

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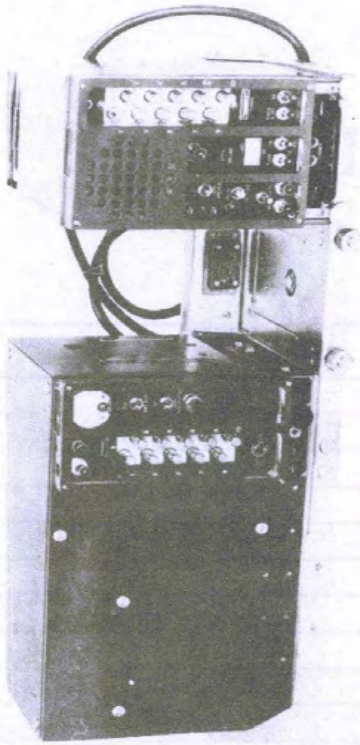
THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIGO	STATUS: UNDER DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-714																															
CHANGE IN STATUS:		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED) FREQUENCY RANGE: (Mc) 3.8 - 6 (RECEIVER ONLY) NUMBER OF CRYSTALS: NONE PRESET FREQUENCIES: NONE ANTENNA: LONG WIRE TUNING: (MO OR XTAL) SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 V VEHICLE BATTERY OR HAND GENERATOR. SIMILAR SETS: POWER OUTPUT: (WATTS) TUBES: (TYPE AND NUMBER) 1 1T4 1 1R5 1 1S5 1 3Q4	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: INFANTRY PARACHUTE AIRBORNE TROOPS. RANGE: (MILES) TO COMMUNICATE WITH: TO REPLACE IN PART: TRANSPORTATION: VEHICLE OR MAN PACK TYPE OF SIGNAL: CW; VOICE (AM)																															
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)																																
		<table border="1"> <thead> <tr> <th rowspan="2">ITEM</th> <th colspan="3">DIMENSIONS</th> <th rowspan="2">WEIGHT</th> <th rowspan="2">CLASSIFICATION</th> </tr> <tr> <th>HEIGHT</th> <th>WIDTH</th> <th>DEPTH</th> </tr> </thead> <tbody> <tr> <td>REGVR. & VIBRATOR UNIT BC-1137-A; MOUNTING FT-382</td> <td>1 1/4"</td> <td>9"</td> <td>5"</td> <td></td> <td>RESTRICTED</td> </tr> <tr> <td>COMBINED WEIGHT OF COMPONENTS:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>COMBINED VOLUME:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>SHIP TONNAGE:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	REGVR. & VIBRATOR UNIT BC-1137-A; MOUNTING FT-382	1 1/4"	9"	5"		RESTRICTED	COMBINED WEIGHT OF COMPONENTS:						COMBINED VOLUME:						SHIP TONNAGE:			
ITEM	DIMENSIONS				WEIGHT	CLASSIFICATION																												
	HEIGHT	WIDTH	DEPTH																															
REGVR. & VIBRATOR UNIT BC-1137-A; MOUNTING FT-382	1 1/4"	9"	5"		RESTRICTED																													
COMBINED WEIGHT OF COMPONENTS:																																		
COMBINED VOLUME:																																		
SHIP TONNAGE:																																		
RESTRICTED																																		
PRINCIPAL COMPONENTS of RADIO SET SCR-714-AW Front View . Spare Tube Compartment Removed																																		
DATE 3-22-43 SIGNAL CORPS GROUND SIGNAL SERVICE NO. SCOSS 7719																																		

24-21558

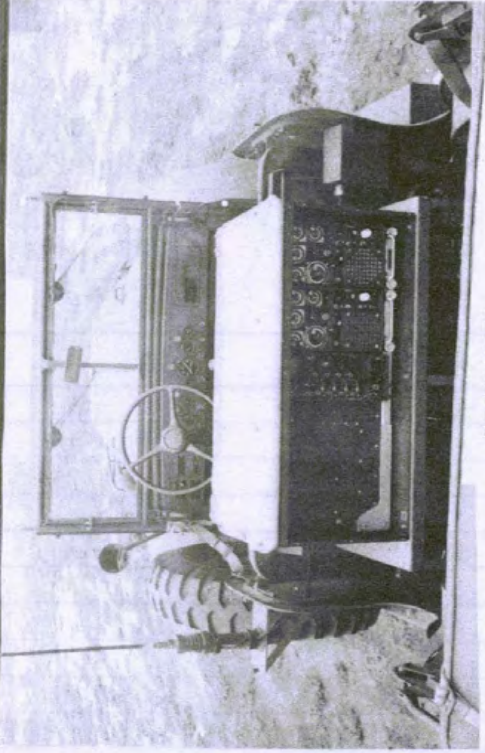
THIS SHEET IS CLASSIFIED: RESTRICTED

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: UNDER DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-728				
	CHANGE IN STATUS:		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: RESTRICTED)	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION:			
		FREQUENCY RANGE: (Mc) 20 - 27.9 NUMBER OF CRYSTALS: 1 (XTAL CALIB.) PRESET FREQUENCIES: 4 ANTENNA: WHIP TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 OR 24 V. VEHICLE BATTERY & DYNAMOTOR. SIMILAR SETS: SCR-528 POWER OUTPUT: (WATTS) 30 TUBES: (TYPE AND NUMBER)	USE: CAV; ENGRS; FA; MED DEPT; QMC; ARMO F. INTERMEDIATE COMMAND TANKS & VEHICLE OF ARMORED FORCE, GHQ, CORPS AND DIVISIONS. RANGE: (MILES) 7 WHILE IN MOTION. TO COMMUNICATE WITH: SCR-293; 294; 508; 509; 510; 528; 538. TO REPLACE IN PART: SCR-528 TRANSPORTATION: AND OPERATION IN VEHICLES. TYPE OF SIGNAL: VOICE (FM)				
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
			HEIGHT	WIDTH	DEPTH		
TRANS. BC-964; RECVR. BC-963.							
COMBINED WEIGHT OF COMPONENTS:							
COMBINED VOLUME:							
SHIP TONNAGE:							

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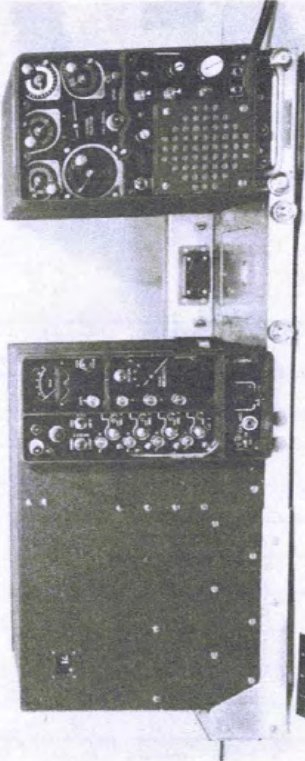
THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-808		
 <p style="text-align: center;">RESTRICTED</p> <p style="font-size: small;">RADIO SET SCR-908-() - INSTALLED IN 800SE TRUCK, 3/4-TON 4 X 4 COMMAND (Radio) Front View - Bowing Mast Base Bracket MP-5B and Mast Base MP-4B DATE 1-6-43 SIGNAL CORPS GENERAL DEVELOPMENT LABORATORY NO. SIGNAL-7054</p>		PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED) FREQUENCY RANGE: (MO) 27.0 - 38.9. NUMBER OF CRYSTALS: 2 (1 PER REOVR.). PRESET FREQUENCIES: ANY 4 OF 120 AVAILABLE. ANTENNA: SECTIONAL MAST TYPE. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: VEHICULAR BATTERY 12 OR 24 V. SIMILAR SETS: SCR-508, 608, 708, 808, 828. POWER OUTPUT: (WATTS) 35 TUBES: (TYPE AND NUMBER) 8C-923-() REOVRs; 4 TYPE 6A07; 2 TYPE 6SJ7 SPL.; 2 TYPE 12SA7; 4 TYPE 12SG7; 4 TYPE 12SJ7; 2 TYPE 6H6; 4 TYPE 6SL7GT; 2 TYPE 6V6GT; 2 TYPE VR15030; 6 TYPE 12SC7. 8C-924-() TRANS; 2 TYPE 6SJ7 SPL.; 1 TYPE VR-150-30; 1 TYPE 6AG7; 2 TYPE 815; 1 TYPE 6J5; 1 TYPE 6SL7GT; 1 TYPE 6V6GT.	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED) USE: COMPANY AND HIGHER COMMANDERS. TANK DESTROYER COMMAND. FIELD ARTILLERY. RANGE: (MILES) 10 MILES IN OPEN VEHICLE, MOVING; 5-7 MILES IN TANKS MOVING. TO COMMUNICATE WITH: SCR-608, 628, 609, 610; 10 CHANNELS TO BE COMMON WITH SCR-508, 509, 510. TO REPLACE IN PART: SCR-608. TRANSPORTATION: MOTOR VEHICLE IN WHICH IT IS INSTALLED. TYPE OF SIGNAL: FM; VOICE ONLY.		
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)			
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
UNDER DEVELOPMENT. SEE REMARKS.	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:				225# (APPROX.)	
COMBINED VOLUME:	14 1/2"	34"	14"		
SHIP TONNAGE:					

24-21282

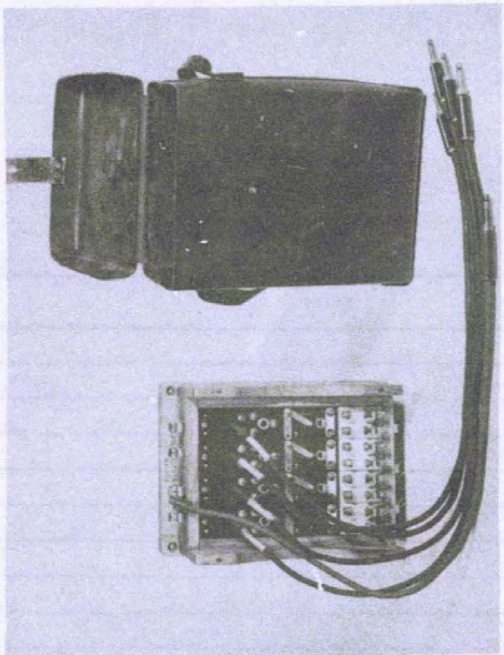
THIS SHEET IS CLASSIFIED: RESTRICTED

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH OCM. C. DIV. OCSIG O	STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: SCR-828					
	CHANGE IN STATUS:			PART A - TECHNICAL CHARACTERISTICS (CLASSIFICATION: UNCLASSIFIED)	PART B - MILITARY CHARACTERISTICS (CLASSIFICATION: RESTRICTED)				
			FREQUENCY RANGE: (Mc) 27 - 38.9 NUMBER OF CRYSTALS: 1 (XTAL CALIB.) PRESET FREQUENCIES: 4 ANTENNA: SECTIONAL MAST TYPE. TUNING: (MO OR XTAL) MO SENSITIVITY: SELECTIVITY: POWER SOURCE: 12 OR 24 V. VEHICLE BATTERY. DYNAMOTOR DM-64 & DM-65 FOR 12 V INPUT WITH RECVR. & TRANS. RESPECTIVELY. DYNAMOTOR DM-66 & DM-47 FOR 24 V INPUT WITH RECVR. & TRANS. RESPECTIVELY. SIMILAR SETS: SCR-528; 628; 728. POWER OUTPUT: (WATTS) 35 TUBES: (TYPE AND NUMBER) SCR-828: 2-6AC-7/1852; 3-6SJ7SP; 1-12 SA7; 2-12SQ 7; 2-12SJ7; 1-6HG; 3-6SL 7GT; 2-6V6GT; 2-VR150.30; 3-12-SC 7; 1-6AG7; 2-815; 1-6J5.			USE: FA: PLATOON COMMANDERS; TANK DESTROYER UNITS. RANGE: (MILES) 5-7 IN TANKS; 10 MILES IN OPEN VEHICLES. TO COMMUNICATE WITH: SCR-608, 628, 609, 610. TO REPLACE IN PART: SCR-628 TRANSPORTATION: VEHICLE TYPE OF SIGNAL: Voice (F.M.)			
			RADIO SET SCR-828-(-) - MOUNTED ON BASE FT-237-(-) Front View			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: RESTRICTED)			
RESTRICTED			ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
			TRANSMITTER BC-924, RECEIVER BC-923		HEIGHT	WIDTH	DEPTH		
			14 "	34"	14 1/2"			RESTRICTED	
			COMBINED WEIGHT OF COMPONENTS:						
			COMBINED VOLUME:						
			SHIP TONNAGE:						

THIS SHEET IS CLASSIFIED RESTRICTED

THIS SHEET IS CLASSIFIED: UNCLASSIFIED


PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: BD-9													
<div style="display: flex; justify-content: space-around; align-items: center;">  </div>		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)														
		SWITCHBOARD BD-9 MONOGORD TELEPHONE; 4-LINE; COMPRISES 1 CASE CS-5; 1 FRAME, FM-1; 8 FUSES, M-36; 1 SWITCHBOARD UNITS EE-2. PART OF PACK EQUIPMENT CE-1. WEIGHT PACKED: 20 POUNDS, Cu.Ft; 1/2														
<div style="display: flex; justify-content: space-between; font-size: 8px;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> SWITCHBOARD BD-9 Front View showing Case </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> DATE: 9-9-41 • SIGNAL C. I. PS LABORATORIES • FORT MONMOUTH • N. J. • NF 5CL-13 </div> </div>		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)														
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="width: 30%;">ITEM</th> <th colspan="3" style="text-align: center;">DIMENSIONS</th> <th rowspan="2" style="width: 10%;">WEIGHT</th> <th rowspan="2" style="width: 10%;">CLASSIFICATION</th> </tr> <tr> <th style="width: 10%;">HEIGHT</th> <th style="width: 10%;">WIDTH</th> <th style="width: 10%;">DEPTH</th> </tr> </thead> <tbody> <tr> <td style="height: 100px;"> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH				
ITEM	DIMENSIONS				WEIGHT	CLASSIFICATION										
	HEIGHT	WIDTH	DEPTH													
COMBINED WEIGHT OF COMPONENTS:		COMBINED VOLUME:														
SHIP TONNAGE:																

24-21558

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24-10991

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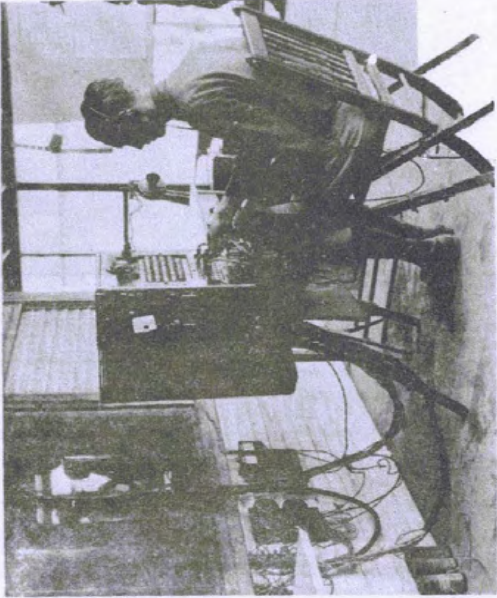
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OCSIG O	STATUS: STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: BD-11			
	CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)			
		SWITCHBOARD BD-11 MONOCORD TELEPHONE; 12 LINES; COMPRISES: 1 CASE, CS-7; 1 FRAME, FM-3; 24 FUSES, M-36; 12 SWITCHBOARD UNITS EE-2. WEIGHT 30 POUNDS PACKED. VOLUME: 1-1/2 CU.FT.				
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)				
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
		HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:						
COMBINED VOLUME:						
SHIP TONNAGE:						

70-1155

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24-10991

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: LIMITED STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: BD-14				
	CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)				
		SWITCHBOARD BD-14 TELEPHONE; CAMP; 40 LINE; 8 CORD; PORTABLE; COMPLETE, READY TO SET UP AND OPERATE; PERMANENTLY CONTAINED IN A CASE IN WHICH IS MOUNTED THE NECESSARY OPERATING EQUIPMENT, AND IN WHICH IS STORED THE REMOVABLE EQUIPMENT. WEIGHT, 325 POUNDS, PACKED. VOLUME, 15 CU. FT.					
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
			HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:							
COMBINED VOLUME:							
SHIP TONNAGE:							

18-7133

THIS SHEET IS CLASSIFIED UNCLASSIFIED

24-18941

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: BD-50			
	CHANGE IN STATUS:		PARTS A & B -- DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)			
(Empty space for drawing or additional information)		SWITCHBOARD BD-50 TELEGRAPH; 4-LINE; PEG-SWITCH TYPE. USED IN "WAY" OFFICES FOR SWITCHING AND TESTING. WEIGHT PACKED 18 POUNDS. VOL. 1.5 CU.FT.				
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)				
		ITEM	DIMENSIONS			WEIGHT
	HEIGHT	WIDTH	DEPTH			
COMBINED WEIGHT OF COMPONENTS:						
COMBINED VOLUME:						
SHIP TONNAGE:						

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: BD-51			
	CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)			
		SWITCHBOARD BD-51 TELEGRAPH; 8-LINE; PEG-SWITCH TYPE. USED IN "WW" OFFICES FOR SWITCHING AND TESTING. WEIGHT PACKED 32 POUNDS. VOL: 2 CU. FT.				
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)				
		ITEM	DIMENSIONS			WEIGHT
	HEIGHT	WIDTH	DEPTH			
COMBINED WEIGHT OF COMPONENTS:						
COMBINED VOLUME:						
SHIP TONNAGE:						

THIS SHEET IS CLASSIFIED: UNCLASSIFIED


THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: BD-52				
	CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)				
(This area is blank in the original document)		SWITCHBOARD BD-52 TELEGRAPH; 8-LINE; SINGLE-SPRING JACK, WITH CORDS AND WEDGES. WEIGHT, PACKED, 35 POUNDS. VOL. 2.07 CU. FT.					
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION: UNCLASSIFIED)					
		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
			HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:							
COMBINED VOLUME:							
SHIP TONNAGE:							

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

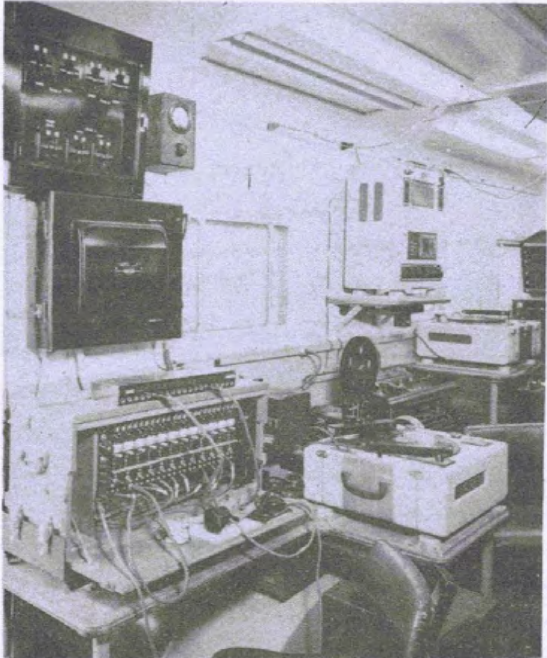
THIS SHEET IS CLASSIFIED: UNCLASSIFIED

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: BD-71			
	CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)			
		SWITCHBOARD BD-71.				
		SWITCHBOARD BD-71 IS AN IMPROVED PORTABLE MONOCORD SWITCHBOARD, DESIGNED TO PROVIDE ALL REQUISITE FACILITIES FOR TERMINATING, INTERCONNECTING, RINGING AND SUPERVISING LOCAL BATTERY TELEPHONE LINES. REPLACES SWITCHBOARD BD-9. THE CAPACITY OF SWITCHBOARD BD-71 IS 6 LINES. REPEATING COILS ARE AVAILABLE ON THE FIRST TWO LINES. CENTER TAPS ON BOTH REPEATING COILS PERMIT SIMPLEXING TELEGRAPH CIRCUITS OVER LINES SO EQUIPPED. MAJOR COMPONENTS: 6 SWITCHBOARD UNIT EE-2, 1 HEAD AND CHEST SET HS-19, 2 COILS C-161 (REPEATING), 1 GENERATOR GN-38.				
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)				
		DIMENSIONS			WEIGHT	CLASSIFICATION
ITEM		HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:						
COMBINED VOLUME:						
SHIP TONNAGE:						

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: BD-72																										
			<p style="text-align: center;">PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)</p> <p style="text-align: center;">SWITCHBOARD BD-72.</p> <p>SWITCHBOARD BD-72 IS AN IMPROVED PORTABLE MONOCORD SWITCHBOARD, DESIGNED TO PROVIDE ALL REQUISITE FACILITIES FOR TERMINATING, INTERCONNECTING, RINGING AND SUPERVISING LOCAL BATTERY TELEPHONE LINES. REPLACES SWITCHBOARD BD-11. THE CAPACITY OF SWITCHBOARD BD-72 IS 12 LINES. REPEATING COILS ARE AVAILABLE ON THE FIRST FOUR LINES. CENTER TAPS ON ALL FOUR REPEATING COILS PERMIT SIMPLEXING TELEGRAPH CIRCUITS OVER LINES SO EQUIPPED. THIS SWITCHBOARD IS COMPOSED OF THE SAME COMPONENTS AS SWITCHBOARD BD-71 EXCEPT THAT THE BD-72 CONTAINS TWELVE MONOCORD UNITS INSTEAD OF SIX. MAJOR COMPONENTS: 12 SWITCHBOARD UNIT EE-2, 1 HEAD AND CHEST SET HS-19, 4 COILS C-161 (REPEATING), 1 GENERATOR GN-38.</p>																											
<p style="text-align: center;">PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)</p>																														
<table border="1"> <thead> <tr> <th rowspan="2">ITEM</th> <th colspan="3">DIMENSIONS</th> <th rowspan="2">WEIGHT</th> <th rowspan="2">CLASSIFICATION</th> </tr> <tr> <th>HEIGHT</th> <th>WIDTH</th> <th>DEPTH</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH							<table border="1"> <thead> <tr> <th>HEIGHT</th> </tr> </thead> <tbody> <tr> <td> </td> </tr> </tbody> </table>	HEIGHT		<table border="1"> <thead> <tr> <th>WIDTH</th> </tr> </thead> <tbody> <tr> <td> </td> </tr> </tbody> </table>	WIDTH		<table border="1"> <thead> <tr> <th>DEPTH</th> </tr> </thead> <tbody> <tr> <td> </td> </tr> </tbody> </table>	DEPTH		<table border="1"> <thead> <tr> <th>WEIGHT</th> </tr> </thead> <tbody> <tr> <td> </td> </tr> </tbody> </table>	WEIGHT		<table border="1"> <thead> <tr> <th>CLASSIFICATION</th> </tr> </thead> <tbody> <tr> <td> </td> </tr> </tbody> </table>	CLASSIFICATION	
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SHIP TONNAGE:																														

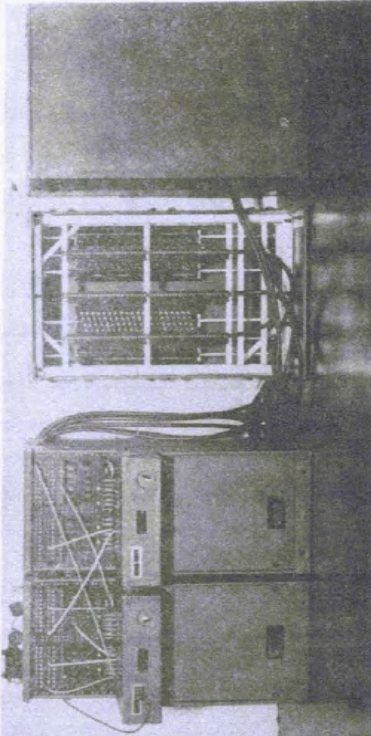
THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: BD-74	
	CHANGE IN STATUS:			
		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)		
		SWITCHBOARD BD-74 FIRE CONTROL, SINGLE-PANEL, UNIT TYPE, COMMON BATTERY WITH PROVISION FOR LOCAL BATTERY LINES TO TELEPHONES OR OTHER SWITCHBOARDS OF LOCAL BATTERY TYPE. CONSISTS OF FRAME CONTAINING APPARATUS IN A MAN-GRABY CABINET 8 1/2 INCHES HIGH, 2 1/4 INCHES WIDE AND 11 INCHES DEEP. SEVERAL OF THESE SWITCHBOARDS MAY BE INSTALLED SIDE BY SIDE AND USED AS ONE BOARD. SWITCHBOARDS ARE WIRED WITH DIFFERENT CIRCUIT COMBINATIONS DESIGNATED AS "CIRCUIT A", "CIRCUIT B", ETC. WEIGHT, INCLUDING CABINET, 800 POUNDS, PACKED. VOL: 19 CU. FT.		
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		
		ITEM	DIMENSIONS HEIGHT WIDTH DEPTH	WEIGHT
COMBINED WEIGHT OF COMPONENTS:				
COMBINED VOLUME:				
SHIP TONNAGE:				

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: BD-89-A	
<div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p style="text-align: center;">SCL-155</p> <p style="text-align: center;">SIGNAL CORPS LABORATORIES, FORT MONMOUTH, NEW JERSEY.</p> <p style="text-align: center;">TITLE: TWO SWITCHBOARDS BD-89-TI AND TWO CABINETS BE-79-TI, SHOWING USE AS ONE INSTALLATION</p> <p style="text-align: center;">DATE: 5-5-39</p> </div> </div>			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)		
			SWITCHBOARD BD-89-A TELEPHONE; PORTABLE; COMBINED MAGNETO AND COMMON BATTERY, NON-MULTIPLE ONE POSITION, 2 PANELS, MANUALLY OPERATED. COMPRISES COMMERCIAL EQUIPMENT, EXCEPT INCLUDES 1 EACH: COILS, C-105 AND C-278, JACK JK-37, HEAD AND CHEST SET HS-19, BINDING POST TM-179, GENERATOR GN-41 AND TERMINAL PANEL OF SIGNAL CORPS DESIGN; INCLUDES 13 COORD CIRCUITS, 37 COMMON BATTERY AND 20 MAGNETO LINE CIRCUITS, 1 DIAL AND 2 COMMON BATTERY MANUAL TRUNK CIRCUITS, 3 LINE CIRCUITS (OUTGOING), 2 LINE CIRCUITS (THROUGH), 1 OPERATOR'S CIRCUIT, 1 CONFERENCE CIRCUIT (5-JACKS), 1 NIGHT ALARM CIRCUIT, 1 FUSE ALARM CIRCUIT AND 1 24-VOLT BATTERY AND GROUND CIRCUIT. PART OF TELEPHONE CENTRAL OFFICE SET TO-2. OVER-ALL DIMENSIONS: 47-1/4 x 22-1/2 x 35-1/2 INCHES. WEIGHT 400 POUNDS.		
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-21553

THIS SHEET IS CLASSIFIED: RESTRICTED

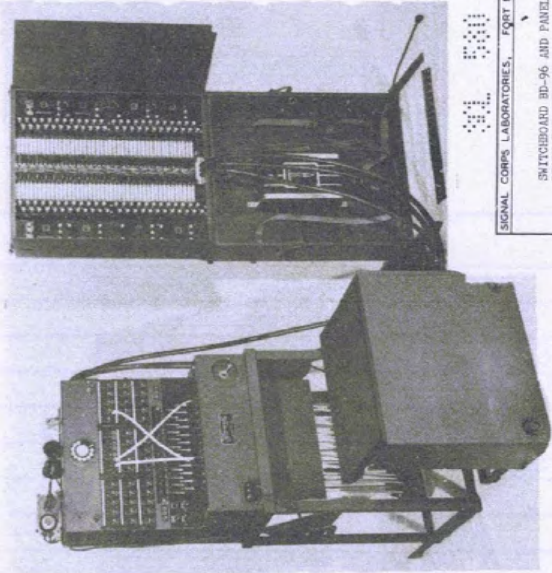
24-10941

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	<h1 style="text-align: right;">BD-95</h1>			
	CHANGE IN STATUS:					PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)		
			SWITCHBOARD BD-95 30 VOLTS; CORDLESS; FOR SWITCHING INCOMING "DRY" LINES TO CONNECTING CIRCUITS (SERIAL NUMBERS 530 TO 579, INCLUSIVE). CONSISTS ESSENTIALLY OF 20 INCOMING LINE CIRCUITS, 5 CONNECTING CIRCUITS, 1 OPERATOR'S TELEPHONE CIRCUIT, 1 NIGHT-ALARM CIRCUIT, 1 GENERATOR CIRCUIT, 1 BATTERY CIRCUIT AND A 110-VOLT HEATING CIRCUIT. MAY ALSO BE OBTAINED EQUIPPED WITH ONLY 12 INCOMING LINE CIRCUITS FOR USE IN PLACE OF SWITCHBOARD BD-105. OVER-ALL DIMENSIONS APPROXIMATELY 23 BY 13 BY 14 INCHES. WEIGHT PACKED 160 POUNDS.					
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
				HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:								
COMBINED VOLUME:								
SHIP TONNAGE:								

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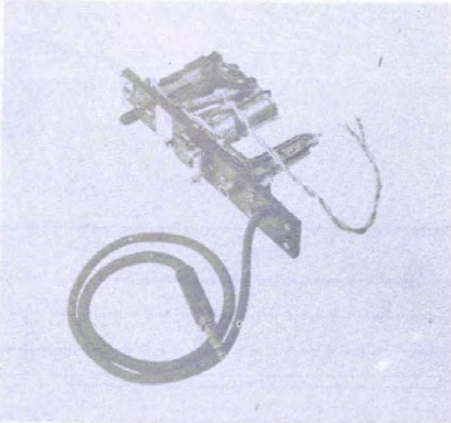
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: BD-96		
		SIGNAL CORPS LABORATORIES, FORT MONMOUTH, N. J. SWITCHBOARD BD-96 AND PANEL BD-97 READY FOR OPERATION	PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED) <p style="text-align: center;">SWITCHBOARD BD-96</p> <p style="text-align: center;">TELEPHONE; PORTABLE; SINGLE-POSITION, MANUALLY OPERATED; INCLUDES 2 OPERATOR'S TELEPHONE CIRCUIT, 12 CORD CIRCUITS, 1 RINGING CIRCUIT, 40 MAGNETO LINE CIRCUITS, 4 COMMON BATTERY AND DIAL TRUNK CIRCUITS, 1 DIAL CORD CIRCUIT, 1 CONFERENCE CIRCUIT, AND 1 NIGHT-ALARM CIRCUIT. OVER-ALL DIMENSIONS IN OPERATING POSITION 15 BY 22 BY 47 INCHES; WHEN PACKED, 15 BY 22 BY 25 INCHES. NO SEPARATE PACKING CASE REQUIRED. PART OF TELEPHONE CENTRAL OFFICE SET TC-4. NET WEIGHT: 200 POUNDS. VOLUME: 4.8 CU. FT.</p>		
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-21558

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-10881

THIS SHEET IS CLASSIFIED: UNCLASSIFIED


PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSNO	STATUS: STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: EE-2																
		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)																	
		SWITCHBOARD UNIT EE-2 MONOCORD TELEPHONE; INCLUDES A GREEN CORD CC-59, PLUS PL-11, 2 FUSES M-36 WITH JACK AND SIGNAL DROP; PART OF SWITCHBOARD BD-9 AND BD-11. WEIGHT PACKED: 3 POUNDS. VOLUME: .006 CU. FT.																	
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)																	
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="width: 30%;">ITEM</th> <th colspan="3" style="text-align: center;">DIMENSIONS</th> <th rowspan="2" style="width: 10%;">WEIGHT</th> <th rowspan="2" style="width: 10%;">CLASSIFICATION</th> </tr> <tr> <th style="width: 10%;">HEIGHT</th> <th style="width: 10%;">WIDTH</th> <th style="width: 10%;">DEPTH</th> </tr> </thead> <tbody> <tr> <td style="height: 150px;"> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH								
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		COMBINED VOLUME:																	
		SHIP TONNAGE:																	

SWITCHBOARD UNIT EE-2-C

DATE 3-14-60 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J. - NO. SKL. 374

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIGO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: EE-80-A	
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)		
SIGNAL LAMP EQUIPMENT EE-80-A SIGNAL LAMP EQUIPMENT DESIGNED TO TRANSMIT MESSAGES BY MEANS OF LIGHT FLASHES, WHICH ARE CONTROLLED BY OPERATING A KEY IN THE LAMP CIRCUIT. NOTES: THIS EQUIPMENT IS SIMILAR TO SIGNAL LAMP EQUIPMENT EE- 80 EXCEPT FOR PRE-FOCUSED BASE AND METAL REFLECTOR.					
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

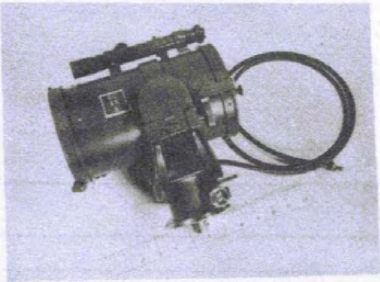
RESTRICTED

SIGNAL LAMP M-283 . TRIPOD LG-9 . For USE with SIGNAL LAMP EQUIPMENT EE-80
 Right Side View . Prepared for Operation

DATE 12-8-42 SIGNAL CORPS GENERAL DEVELOPMENT LABORATORY NR. 60001 6912

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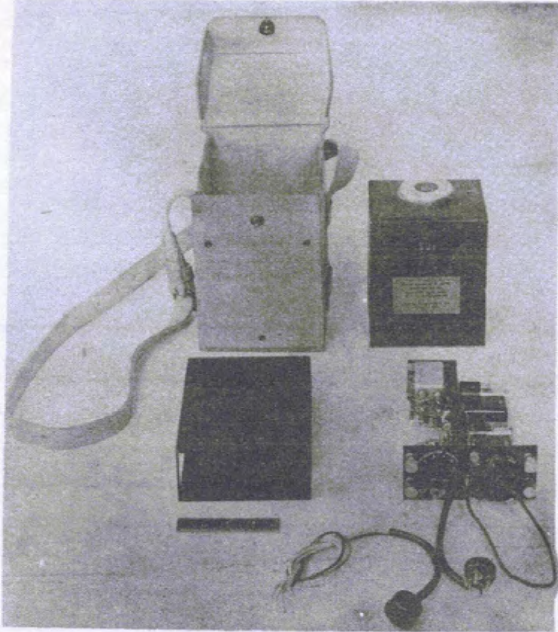
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	EE-84 PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)																																		
		SIGNAL LAMP EQUIPMENT EE-84. 5 1/2-INCH; A SEARCHLIGHT TYPE PORTABLE FIELD SIGNALING EQUIPMENT FOR TRANSMITTING MESSAGES BY MEANS OF RED OR WHITE FLASHES OF LIGHT. PROVIDES POINT TO POINT COMMUNICATION ON THE GROUND UP TO APPROXIMATELY 5,000 YARDS IN CLEAR BRIGHT SUNLIGHT AND MANY TIMES AS FAR AT NIGHT. REPLACEMENT FOR SIGNAL LAMP EQUIPMENT EE-6 AND EE-6-A. NET WEIGHT: 36.5 POUNDS EACH, PACKED.																																			
SIGNAL CORPS LABORATORIES • FORT MONMOUTH, N.J. SIGNAL LAMP M-132 AND LAMP MOUNTING FT-159 SIDE VIEW APRIL 29, 1941 SCL-780		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)																																			
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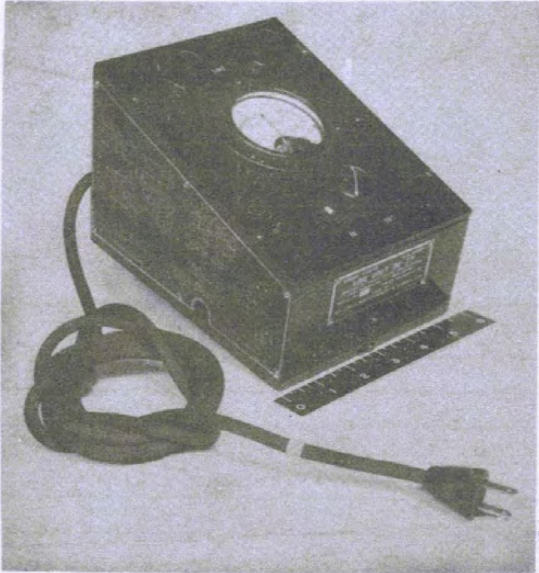
THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: DEVELOPMENT CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: EE-89-()		
		PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED) TELEPHONE REPEATER EE-89-(). A 21" TYPE (2 WAY, 1 ELEMENT) TELEPHONE REPEATER DEVELOPED BY SCGDL FOR USE ON TWO-WIRE CIRCUIT, EITHER AS TERMINAL OR INTERMEDIATE AMPLIFIER. USES ONE 2Q5GT VACUUM TUBE, POWERED BY ONE SELF-CONTAINED BATTERY BA-40 (90V "B", 1.5 "A") OR EXTERNAL AUXILIARY BATTERIES. SINGLE MONITORING RECEIVER PROVIDED. 20 CYCLE RINGING WILL OPERATE THROUGH THIS REPEATER, ALSO SIMPLEX TELEGRAPH CIRCUITS, IF SIMPLEX COILS ARE ADDED, EXTERNALLY. APPROXIMATE MAXIMUM USABLE 1300 CYCLE GAIN, 24 DB. HOUSED IN FIBRE CASE WITH CARRYING STRAP SIMILAR TO TELEPHONE EE-88. OVERALL SIZE 5-1/2" WIDE, 6-3/4" DEEP & 7-1/2" HIGH. ASSEMBLED WEIGHT, COMPLETE WITH BATTERY, 13 POUNDS.			
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

TELEPHONE REPEATER EE-89-13
 Unassembled

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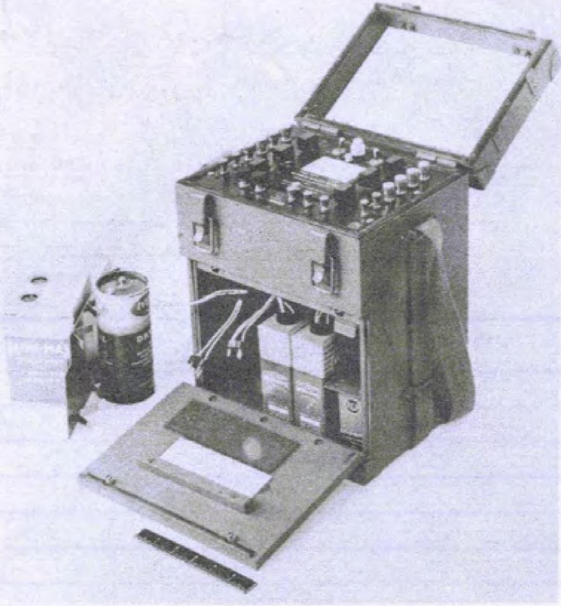
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: EE-97-A	
CHANGE IN STATUS:			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)		
			<p style="text-align: center;">TELETYPEWRITER SET EE-97-A</p> <p style="text-align: center;">SAME AS TELEGRAPH PRINTER SET EE-97 EXCEPT THAT RECTIFIER RA-87 AND CHEST CH-158, RESPECTIVELY, REPLACE RECTIFIER RA-37 AND CHEST CH-51, RESPECTIVELY, AND VOLTMETER IS-170 AND CORD CD-486 ARE OMITTED.</p> <p style="text-align: center;">NOTES: COVERED BY PARTS LIST.</p>		
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

TELEGRAPH PRINTER SET EE-97 AND EE-98
 Line Unit EE-77 . Front View

DAF 3-21-42 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J. - NO. SOL 3217

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	SUBSTITUTE STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: EE-99-()																											
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED) <p style="text-align: center;">TELEPHONE REPEATER EE-99-()</p> <p>VOICE FREQUENCY TELEPHONE REPEATER, 4-WIRE THROUGH OR 2-WIRE TERMINATING, FOR FIELD WIRE LINES. PROVIDES ADJUSTABLE GAIN AND ADJUSTABLE EQUALIZATION AT 1000 CYCLES - THE GAIN IS PRACTICALLY INDEPENDENT OF THE EQUALIZER SETTING. ALL CONTROLS ARE DESIGNATED IN TERMS OF TRANSMISSION DIRECTION, AB OR BA. PORTABLE, ASSEMBLED IN A WOODEN CASE, AND MAY BE OPERATED ON DRY CELLS OR EXTERNAL 12 VOLT STORAGE BATTERY WITH POWER SUPPLY PE-204-(). DRY CELLS AND PE-204-() ARE SAME PHYSICAL SIZE AND EITHER CAN BE HOUSED IN REPEATER CASE. DOES NOT INCLUDE DRY CELLS OR STORAGE BATTERY.</p>																												
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)																												
<p style="text-align: center;">TELEPHONE REPEATER EE-99-T3 Covers Open - Showing General Arrangement of Parts</p> <p style="font-size: small;">DATE 6-22-42 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J. - NO. SOL-4422</p>			<table border="1"> <thead> <tr> <th rowspan="2">ITEM</th> <th colspan="3">DIMENSIONS</th> <th rowspan="2">WEIGHT</th> <th rowspan="2">CLASSIFICATION</th> </tr> <tr> <th>HEIGHT</th> <th>WIDTH</th> <th>DEPTH</th> </tr> </thead> <tbody> <tr> <td>COMBINED WEIGHT OF COMPONENTS:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>COMBINED VOLUME:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>SHIP TONNAGE:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	COMBINED WEIGHT OF COMPONENTS:						COMBINED VOLUME:						SHIP TONNAGE:					
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COMBINED VOLUME:																															
SHIP TONNAGE:																															

26-21554

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

26-10941

THIS SHEET IS CLASSIFIED UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: EE-103				
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)					
			TELETYPEWRITER SET EE-103 SAME AS TELETYPEWRITER SET EE-97-A EXCEPT USES TELETYPE- WRITER TQ-37-().					
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
			HEIGHT	WIDTH	DEPTH			
			COMBINED WEIGHT OF COMPONENTS:					
			COMBINED VOLUME:					
			SHIP TONNAGE:					

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.		NOMENCLATURE DESIGNATION: PA-1-()	
	CHANGE IN STATUS:	PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)			
		PUBLIC ADDRESS SET PA-1 () (PORTABLE). 50 WATTS OUTPUT, OPERATES FROM 175-125 VOLTS, 60 CYCLES, INCLUDES TWO AMPLIFIERS, 2 MICROPHONES, PHONOGRAPH, SIX LOUDSPEAKERS, MICROPHONES AND STANDS, MISC CORDS, CARRYING CASES AND 650 WATT GASOLINE POWER UNIT. PUBLIC ADDRESS SET PA-1-A. (PORTABLE). 105-125 VOLTS, 60 CYCLES INPUT; 100 WATTS OUTPUT. INCLUDES 1 MICROPHONE (ANNOUNCING), 1 MICROPHONE (UNIDIRECTIONAL), 1 FLOOR STAND, 1 DESK STAND FOR MICROPHONE, 1 PHONOGRAPH, 2 AMPLIFIERS WITH TUBES, 6 LOUDSPEAKERS, 1 SET CORDS, 6 CARRYING CASES FOR LOUDSPEAKERS, 2 CARRYING CASES FOR AMPLIFIERS, 1 CARRYING CASE FOR RECORDS, 2 CARRYING CASES FOR MICROPHONES AND MISCELLANEOUS CORDS, 1 TEST RECORD, 1 SET PHONOGRAPH NEEDLES AND A 650-WATT GASOLINE POWER UNIT. WEIGHT PACKED: 1886 POUNDS. PUBLIC ADDRESS SET PA-1-B (PORTABLE). 105-125 VOLTS, 60 CYCLES INPUT; 100 WATTS OUTPUT. SIMILAR TO PUBLIC ADDRESS SET PA-1-A EXCEPT OMMITS CARRYING CASES FOR AMPLIFIERS AND STANDS FOR LOUD- SPEAKERS. WEIGHT PACKED: 1430 POUNDS.			
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)			
		ITEM	DIMENSIONS		
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-21558

THIS SHEET IS CLASSIFIED UNCLASSIFIED

74-10941

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	<h1 style="margin: 0;">PA-2-()</h1>																																	
CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)																																				
		<p style="text-align: center;">PUBLIC ADDRESS SET PA-2-().</p> <p style="text-align: center;">SAME AS PA-1-() EXCEPT INCLUDES ALSO A RADIO RECEIVER WITH A FISH-POLE ANTENNA AND A 1KW POWER UNIT IS SUBSTITUTED FOR THE 650 WATT POWER UNIT OF THE PA-1-().</p> <p style="text-align: center;">PUBLIC ADDRESS SET PA-2-A.</p> <p style="text-align: center;">PORTABLE; 105-125 VOLTS, 60 CYCLES INPUT; 100 WATTS OUTPUT. INCLUDES 1 MICROPHONE (ANNOUNCING), 1 MICROPHONE (UNIDIRECTIONAL), 1 FLOOR STAND, 1 DESK STAND FOR MICROPHONES, 1 PHONOGRAPH, 2 AMPLIFIERS WITH TUBES, 6 LOUDSPEAKERS, 1 SET CORDS, 6 CARRYING CASES FOR LOUDSPEAKERS, 2 CARRYING CASES FOR AMPLIFIERS, 1 CARRY- ING CASE FOR RECORDS, 2 CARRYING CASES FOR MICROPHONES AND MIS- CELLANEOUS CORDS, 2 STANDS FOR LOUDSPEAKERS, 1 TEST RECORD, 1 SET PHONOGRAPH NEEDLES, 1 ALL-WAVE-RADIO RECEIVER, 1 TELESCOPING FISH-POLE ANTENNA AND A 1 KW. GASOLINE POWER UNIT.</p> <p style="text-align: center;">WEIGHT PACKED: 1970 POUNDS.</p>																																				
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)																																				
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="width: 40%;">ITEM</th> <th colspan="3" style="text-align: center;">DIMENSIONS</th> <th rowspan="2" style="width: 10%;">WEIGHT</th> <th rowspan="2" style="width: 10%;">CLASSIFICATION</th> </tr> <tr> <th style="width: 10%;">HEIGHT</th> <th style="width: 10%;">WIDTH</th> <th style="width: 10%;">DEPTH</th> </tr> </thead> <tbody> <tr> <td style="height: 100px;"> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td colspan="6" style="padding: 5px;">COMBINED WEIGHT OF COMPONENTS:</td> </tr> <tr> <td colspan="6" style="padding: 5px;">COMBINED VOLUME:</td> </tr> <tr> <td colspan="6" style="padding: 5px;">SHIP TONNAGE:</td> </tr> </tbody> </table>				ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH							COMBINED WEIGHT OF COMPONENTS:						COMBINED VOLUME:						SHIP TONNAGE:					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION																																	
	HEIGHT	WIDTH	DEPTH																																			
COMBINED WEIGHT OF COMPONENTS:																																						
COMBINED VOLUME:																																						
SHIP TONNAGE:																																						

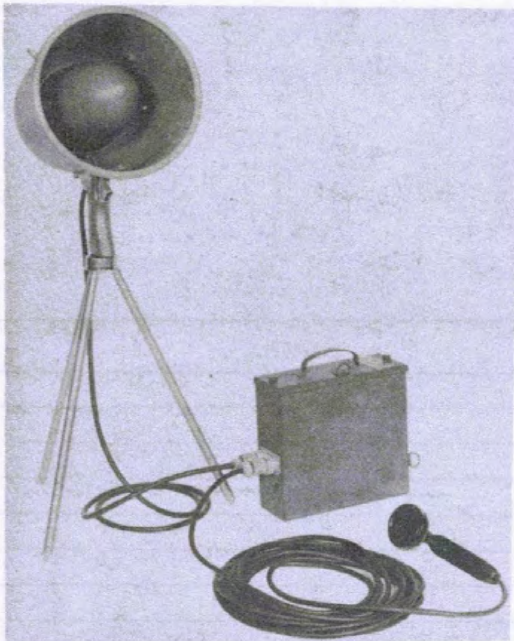
THIS SHEET IS CLASSIFIED: UNCLASSIFIED

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: PA-3-()		
	CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)		
		PUBLIC ADDRESS SET PA-3-() (PORTABLE). SAME AS PA-1-() EXCEPT LESS POWER UNIT. FOR OPERATION ON POST POWER ONLY.			
		PUBLIC ADDRESS SET PA-3-A. PORTABLE; 105-125 VOLTS, 60 CYCLES INPUT; 100 WATTS OUTPUT. SIMILAR TO PUBLIC ADDRESS SET PA-1-A EXCEPT WITHOUT 600-WATT GAS- OLINE POWER UNIT. WEIGHT PACKED: 1760 POUNDS.			
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)			
		ITEM	DIMENSIONS		
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIGO	STATUS: STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: PA-4-()															
		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)																
		<p style="text-align: center;">PUBLIC ADDRESS EQUIPMENT PA-4-() (POWER MEGAPHONE).</p> <p style="text-align: center;">PORTABLE PUBLIC ADDRESS UNIT RECOMMENDED FOR STANDARDIZATION BY TECH. COMM. (WILL PROBABLY CONSIST OF 1 REPRODUCER, 1 MICROPHONE UNIT, 1 AMPLIFIER UNIT AND 1 POWER SUPPLY UNIT) MOUNTED ON A TRIPOD.</p> <p style="text-align: center;">INCLUDES LS-6-(), T-36-(), BC-641-(), M-230-().</p> <p style="text-align: center;">USED WITH BUT DOES NOT INCLUDE: BA-30, BA-51.</p> <p style="text-align: center;">(COMPRISES A COMPLETE SELF-CONTAINED PUBLIC ADDRESS SYSTEM WITH LOUDSPEAKER, AMPLIFIER, TWO MICROPHONES, TRIPOD, SHOULDER HARNESS, AND A CARRYING CASE.)</p>																
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)																
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="width: 30%;">ITEM</th> <th colspan="3" style="text-align: center;">DIMENSIONS</th> <th rowspan="2" style="width: 10%;">WEIGHT</th> <th rowspan="2" style="width: 10%;">CLASSIFICATION</th> </tr> <tr> <th style="width: 10%;">HEIGHT</th> <th style="width: 10%;">WIDTH</th> <th style="width: 10%;">DEPTH</th> </tr> </thead> <tbody> <tr> <td style="height: 150px;"> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH							
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION													
	HEIGHT	WIDTH	DEPTH															
		COMBINED WEIGHT OF COMPONENTS:																
		COMBINED VOLUME:																
		SHIP TONNAGE:																

PUBLIC ADDRESS EQUIPMENT PA-4
 Loud Speaker LS-6-A, Tripod M-230-A, Amplifier BC-641-A And Microphone T-36-A
 Front View of Assembly

DATE 3-2- SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J. - NO. SOL. 3051

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: PA-5-()		
CHANGE IN STATUS:	PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)				
PUBLIC ADDRESS SET PA-5-(). FOR OPERATION ON EITHER 6 VOLT D.C. OR 115 VOLT A.C., CONSISTS OF A COMBINATION RECORD PLAYER AND 30 WATT AUDIO AMPLIFIER BUILT INTO ONE CASE, TWO DIRECTIONAL LOUDSPEAKERS (25 WATTS EACH), TWO DYNAMIC MICROPHONES AND STAND, AND NECESSARY BATTERIES AND CABLES.					
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
		DIMENSIONS			
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

2-21559

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

2-10941

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OCSIG O	STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: PA-6-()				
	CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)					
			PUBLIC ADDRESS SET PA-6-(). CONSISTS OF REPRODUCERS, AMPLIFIER AND SIGNAL GENERATOR, CONTROL STATION, AND A PORTABLE POWER SUPPLY FOR USE BY THE SQUADRON FOR PERSONNEL CALLING, TO REPLACE THE TELEPHONE SYSTEM IF OUT OF ORDER, FOR CODE SIGNALLING TO PERSONNEL, FOR THE ISSUANCE OF ORAL DIRECTIVES, AND AS A LISTENING DEVICE.					
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
				HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:								
COMBINED VOLUME:								
SHIP TONNAGE:								

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THIS SHEET IS CLASSIFIED: RESTRICTED

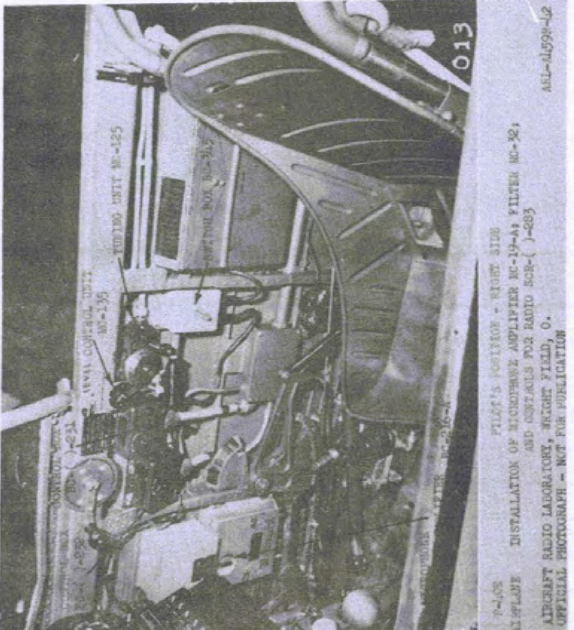
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OC SIG O	STATUS: CHANGE IN STATUS:		NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: PA-8-()	
			PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED)		
RESTRICTED INTERCOMMUNICATION SET PA-8-() <small>Front View</small> NAVY 2-24-43 SIGNAL CORPS GROUND SIGNAL SERVICE NO. SC-035 7528			INTERCOMMUNICATION SET PA-8-() AN INTERCOMMUNICATION SYSTEM FOR TWO-WAY VOICE TRANSMISSION BETWEEN A CENTRAL STATION AND ONE OR ANY COMBINATION OF FOUR REMOTE STATIONS. THE COMPLETE SYSTEM IS RAIN-PROOF, IS INTENDED FOR FIELD USE; AND IS COMPRISED OF A MASTER STATION, FOUR REMOTE STATIONS, BATTERY BOX, BATTERIES, TUBES, CORDS, HANDSET, AND CARRYING CASE. SPECIFICATIONS: SCL-614.		
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-72559

THIS SHEET IS CLASSIFIED: RESTRICTED

24-10991

THIS SHEET IS CLASSIFIED RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: RC-19-()	
			PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED) <p style="text-align: center;">MICROPHONE AMPLIFYING EQUIPMENT RC-19-().</p> <p style="text-align: center;">FOR USE AT EXTREMELY LOW-TEMPERATURES. FOR PERM. INSTALL. IN PLANE, WILL PROBABLY CONSIST OF:</p> <p style="text-align: center;">MICROPHONE AMPLIFIER RC-216-() CORD (MIG. TO AMPLIFIER) CD-309 CORD (AMPLIFIER TO CONTROL BOX) CD-198 CORD (AMPLIFIER TO JUNG. BOX; FOR POWER) CD-122</p> <p style="text-align: center;">USED WITH BUT DOES NOT INCLUDE MIG. T-20.</p>		
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

74-71856

THIS SHEET IS CLASSIFIED RESTRICTED

74-15881

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: RC-21		
	CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED)		
		INTERPHONE EQUIPMENT RC-21. TO PROVIDE TELEPHONE INTER-COMMUNICATION BETWEEN SIX TO TWENTY INDIVIDUAL STATIONS, AND TO PERMIT OPERATION OF THE RADIO SETS FROM CERTAIN DESIGNATED STATIONS IN THE AIRPLANE. INCLUDES PROVISION OF A LOUDSPEAKER IN EACH COMPARTMENT. FOR OPERATION FROM 12-1 $\frac{1}{2}$ V (110V-100 CYCLES). RC-41 COVERS SIMILAR EQUIPMENT FOR OPERATION FROM 24V. INCLUDES BC-212-B, BC-360-(), BC-361, BC-362, BC-363, BC-364, LS-4-(), LS-5-(), RA-26-().			
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)			
		ITEM	DIMENSIONS HEIGHT WIDTH DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

7-21854

THIS SHEET IS CLASSIFIED: RESTRICTED

7-21854

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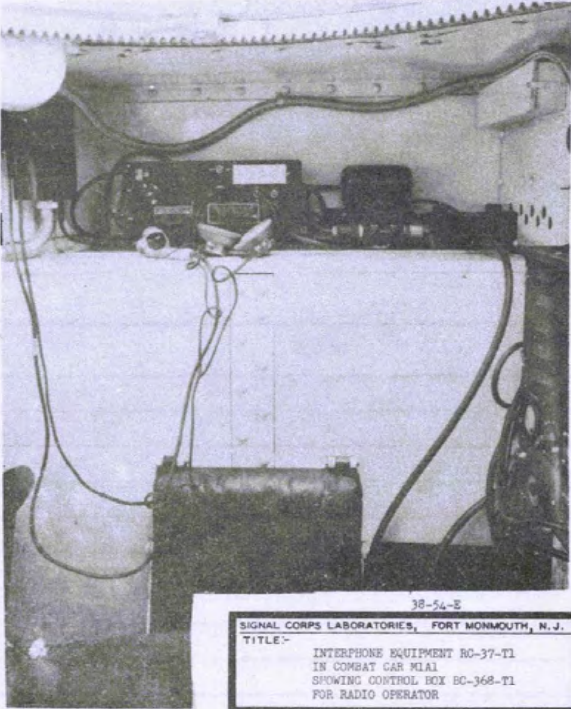
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS:	DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	RC-23			
	CHANGE IN STATUS:							
			PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED)					
			INTERPLANE COMMUNICATION EQUIPMENT RC-23. FOR INSTALLATION ON AIRCRAFT HAVING FIVE OR MORE OPERATING POSITIONS, FOR INTER-COMMUNICATION BY TELEPHONE BETWEEN ANY COM- BINATION OF POSITIONS AND REMOTE CONTROL, FROM ANY POSITION, OF ANY RADIO SET IN THE AIRPLANE EXCEPT THE MARKER BEACON RECEIVER. TO COMPRISE A SWITCHBOARD, LOUDSPEAKERS AND TELEPHONE HANDSETS.					
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
				HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:								
COMBINED VOLUME:								
SHIP TONNAGE:								

24-21556

THIS SHEET IS CLASSIFIED: RESTRICTED

14-18881

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OCSIG O	STATUS: DEVELOPMENT CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: RC-37			
		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)				
		INTERPHONE EQUIPMENT RC-37. CONSISTS OF: 1 INTERPHONE AMPLIFIER BC-367 1 JACK BOX BC-370 2 CONTROL BOX BC-368 1 CONTROL BOX BC-369 AND NECESSARY CORDS. USED WITH BUT NOT PART OF: COMBAT CAR M1A1.				
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)				
		ITEM	DIMENSIONS			WEIGHT
		HEIGHT	WIDTH	DEPTH		
		COMBINED WEIGHT OF COMPONENTS:				
		COMBINED VOLUME:				
		SHIP TONNAGE:				

38-54-E

SIGNAL CORPS LABORATORIES, FORT MONMOUTH, N. J.

TITLE:-
 INTERPHONE EQUIPMENT RC-37-T1
 IN COMBAT CAR M1A1
 SHOWING CONTROL BOX BC-368-T1
 FOR RADIO OPERATOR

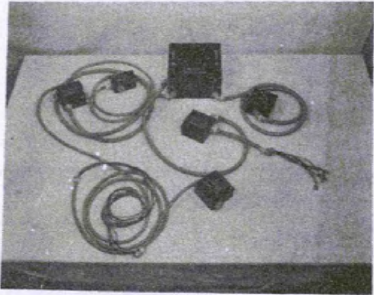
THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: RC-41		
			PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED) TELEPHONE EQUIPMENT RC-41. (COMPLETELY 24V, DC POWERED, OTHERWISE THE MILITARY CHARACTERISTICS ARE SIMILAR TO THOSE FOR INTERPHONE EQUIPMENT RC-21), INCLUDES: INTERPHONE AMPLIFIER BC-347 AUDIO AMPLIFIER BC-360- () DYNAMOTOR UNIT PE-68- () INTERPHONE CONTROL BOX BC-361, BC-362 SWITCHBOARD BC-363 LOUDSPEAKER LS-4- () LOUDSPEAKER LS-5- () LOUDSPEAKER CONTROL BOX BC-364 MOUNTING FT-198			
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)			
			ITEM	DIMENSIONS HEIGHT WIDTH DEPTH	WEIGHT	CLASSIFICATION
COMBINED WEIGHT OF COMPONENTS:						
COMBINED VOLUME:						
SHIP TONNAGE:						

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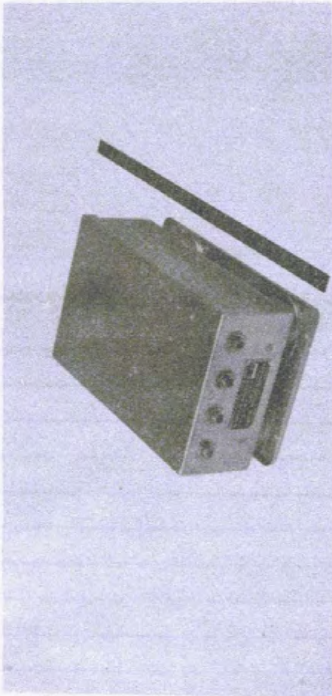
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: STANDARD CHANGE IN STATUS:		NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: RC-53												
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)													
			<p style="text-align: center;">INTERPHONE EQUIPMENT RC-53.</p> <p style="text-align: center;">CONSISTS OF: 1 INTERPHONE AMPLIFIER BC-367 1 JACK BOX BC-378 2 JACK BOX BC-379 1 CONTROL BOX BC-422 1 CONTROL BOX BC-448, AND INTERCONNECTING CONDUITS. FOR 7 POSITION INTERCOMMUNICATING SYSTEM FOR USE IN MEDIUM TANK M3.</p> <p style="text-align: center;">USED WITH BUT NOT PART OF: MEDIUM TANK M3.</p>													
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <p>SIGNAL CORPS LABORATORIES • FORT MONMOUTH, N.J.</p> <p style="text-align: center;">INTERPHONE EQUIPMENT RC-53</p> <p>June 16, 1941 SCL-2136</p> </div>			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)													
			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="width: 60%;">ITEM</th> <th colspan="3" style="text-align: center;">DIMENSIONS</th> <th rowspan="2" style="width: 10%;">WEIGHT</th> <th rowspan="2" style="width: 15%;">CLASSIFICATION</th> </tr> <tr> <th style="width: 15%;">HEIGHT</th> <th style="width: 15%;">WIDTH</th> <th style="width: 15%;">DEPTH</th> </tr> </thead> <tbody> <tr> <td style="height: 150px;"> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH			
ITEM	DIMENSIONS			WEIGHT		CLASSIFICATION										
	HEIGHT	WIDTH	DEPTH													
COMBINED WEIGHT OF COMPONENTS:			COMBINED VOLUME:													
SHIP TONNAGE:																

11-71556

THIS SHEET IS CLASSIFIED UNCLASSIFIED

24-10941

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: STANDARD	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: RC-73															
CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED)																	
		INTERPHONE EQUIPMENT RC-73. AN INTERPHONE EQUIPMENT FOR PRIMARY TRAINING TYPE AIR- PLANES COMPRISED OF THE FOLLOWING TENTATIVE COMPONENTS: SELF- CONTAINED BATTERY-OPERATED INTERPHONE AMPLIFIER (BC-709-()); 2 MICROPHONES, AND 2 HEADSETS. INCLUDES BC-709-().																	
INTERPHONE AMPLIFIER BC-709-A, (DIAGONAL VIEW); PART OF INTERPHONE EQUIPMENT RC-73; MADE BY KINGSTON PRODUCTS CORP., ON ORDER NO. 681-WF-112		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)																	
<small>ALINGMPT RADIO LABORATORY, WEST FIELDS, OHIO OFFICIAL PHOTOGRAPH - NOT FOR REPLICATION</small>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="width: 60%;">ITEM</th> <th colspan="3" style="text-align: center;">DIMENSIONS</th> <th rowspan="2" style="width: 10%;">WEIGHT</th> <th rowspan="2" style="width: 10%;">CLASSIFICATION</th> </tr> <tr> <th style="width: 15%;">HEIGHT</th> <th style="width: 15%;">WIDTH</th> <th style="width: 15%;">DEPTH</th> </tr> </thead> <tbody> <tr> <td style="height: 100px;"> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH						
ITEM	DIMENSIONS			WEIGHT		CLASSIFICATION													
	HEIGHT	WIDTH	DEPTH																
COMBINED WEIGHT OF COMPONENTS:		COMBINED VOLUME:																	
SHIP TONNAGE:		SHIP TONNAGE:																	

14-21554

THIS SHEET IS CLASSIFIED: RESTRICTED

24-18941

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: RC-137			
	CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED)			
		MICROPHONE AMPLIFYING EQUIPMENT RC-137 (24 VOLTS). CONSISTS OF MICROPHONE AMPLIFIER 6C-737 AND TWO TUBES VT-135; FOR A PRIMARY SUPPLY VOLTAGE OF 24 VOLTS. USED WITH BUT NOT PART OF: VARIOUS RADIO SETS FOR USE WHEN BRITISH MICROPHONES TYPE 25 ARE USED INSTEAD OF MICROPHONE T-17 OR T-30-().				
		MICROPHONE AMPLIFYING EQUIPMENT RC-137-Z (12 VOLTS) SAME AS RC-137 EXCEPT USES 12 VOLT POWER SUPPLY.				
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)				
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
		HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:						
COMBINED VOLUME:						
SHIP TONNAGE:						

24-21559

THIS SHEET IS CLASSIFIED: RESTRICTED

24-18991

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS:	SUBSTITUTE STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	RC-161-()
	CHANGE IN STATUS:	PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)			
THIS SHEET IS CLASSIFIED: UNCLASSIFIED		TELEPHONE EQUIPMENT RC-161-(). INCLUDES ONE TELEPHONE EE-B-A, 1 CHEST SET TD-1, 1 HEAD-SET HS-29-(), TWO WEATHERPROOF JUNCTION BOXES EACH CONTAINING TWO R.F. CHOKE COILS, ONE SLIP-RING AND COLLECTOR SYSTEM AND ONE LENGTH OF TWO CONDUCTOR CABLE. NOTES: PROVIDES FACILITIES FOR A TELEPHONE CIRCUIT FOR THE OPERATOR OF RADIO SET SCR-551-(). PART OF: SCR-551-().			
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)			
		ITEM	DIMENSIONS		
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS:	SUBSTITUTE STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	RC-161-()			
	CHANGE IN STATUS:			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)				
			TELEPHONE EQUIPMENT RC-161-(). INCLUDES ONE TELEPHONE EE-9-A, 1 CHEST SET TD-1, 1 HEAD- SET HS-29-(), TWO WEATHERPROOF JUNCTION BOXES EACH CONTAINING TWO R.F. CHOKE COILS, ONE SLIP-RING AND COLLECTOR SYSTEM AND ONE LENGTH OF TWO CONDUCTOR CABLE. NOTES: PROVIDES FACILITIES FOR A TELEPHONE CIRCUIT FOR THE OPERATOR OF RADIO SET SCR-551-(). PART OF: SCR-551-().					
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
			ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
				HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:								
COMBINED VOLUME:								
SHIP TONNAGE:								

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: RC-169-()			
	CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED)			
(Empty space for drawing or additional information)		RECORDING EQUIPMENT RC-169-() (GENERAL PURPOSE). PORTABLE EQUIPMENT FOR GENERAL MILITARY USE, FOR RECORDING AND IMMEDIATE REPRODUCTION OF AUDIBLE SPEECH SUCH AS VERBAL ORDERS AND CONFERENCES, AND SIGNALS FROM TELEGRAPH, TELEPHONE, RADIO OR OTHER ELECTRICAL SOURCES. SPEED VARIABLE IN 1 TO 4 RATIO OR AT LEAST 3 FIXED SPEEDS, WITH 15 MINUTES MINIMUM RECORDING TIME. FOR USE ON EITHER 110-VOLTS, 60-CYCLE SINGLE PHASE AC OR 12-VOLT STORAGE BATTERY WITH INVERTER.				
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)				
		ITEM	DIMENSIONS			WEIGHT
	HEIGHT	WIDTH	DEPTH			
COMBINED WEIGHT OF COMPONENTS:						
COMBINED VOLUME:						
SHIP TONNAGE:						

THIS SHEET IS CLASSIFIED: RESTRICTED

THIS SHEET IS CLASSIFIED: RESTRICTED

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: RC-175												
<div style="border: 1px solid black; height: 400px; width: 100%;"></div>			PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED)													
			<p style="text-align: center;">INTERPHONE EQUIPMENT RC-175-</p> <p>CONSISTS OF: (A) INTERPHONE AMPLIFIER BC-347-C (B) DYNAMOTOR UNIT PE-86-() (C) SWITCH SW-195 (D) SWITCH SW-119-() (E) RELAY BK-42-() (F) INDEFINITE LENGTH OF CORDAGE CO-122-A OR CO-122-B (G) INDEFINITE LENGTH OF CORDAGE CO-119-A OR CO-119-B (H) INDEFINITE LENGTH OF CORDAGE CO-219.</p> <p>() REMOVED 10/15/42.</p>													
<div style="border: 1px solid black; height: 400px; width: 100%;"></div>			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)													
			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="width: 60%;">ITEM</th> <th colspan="3" style="text-align: center;">DIMENSIONS</th> <th rowspan="2" style="width: 10%;">WEIGHT</th> <th rowspan="2" style="width: 15%;">CLASSIFICATION</th> </tr> <tr> <th style="width: 15%;">HEIGHT</th> <th style="width: 15%;">WIDTH</th> <th style="width: 15%;">DEPTH</th> </tr> </thead> <tbody> <tr> <td style="height: 150px;"> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH			
ITEM	DIMENSIONS			WEIGHT		CLASSIFICATION										
	HEIGHT	WIDTH	DEPTH													
COMBINED WEIGHT OF COMPONENTS:			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"> </td> <td style="width: 15%;"> </td> <td style="width: 15%;"> </td> <td style="width: 10%;"> </td> <td style="width: 15%;"> </td> </tr> </table>													
COMBINED VOLUME:			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"> </td> <td style="width: 15%;"> </td> <td style="width: 15%;"> </td> <td style="width: 10%;"> </td> <td style="width: 15%;"> </td> </tr> </table>													
SHIP TONNAGE:			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"> </td> <td style="width: 15%;"> </td> <td style="width: 15%;"> </td> <td style="width: 10%;"> </td> <td style="width: 15%;"> </td> </tr> </table>													

14-21552

THIS SHEET IS CLASSIFIED: RESTRICTED

14-18941

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: RC-179-()				
	CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED)				
		RECORDING EQUIPMENT RC-179-() (RADIO INTERCEPT). PORTABLE EQUIPMENT FOR RADIO SUPERVISION AND INTERCEPTION, FOR RECORDING AND IMMEDIATE REPRODUCTION OF TELEGRAPH, TELEPHONE, RADIO OR OTHER SIGNALS. SPEED CONTINUOUSLY VARIABLE OVER 1 TO 4 RATIO, WITH 15 MINUTES MINIMUM RECORD TIME. FOR USE ON 95-125 VOLT, 60 CYCLE SINGLE PHASE AC POWER.					
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
			HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:							
COMBINED VOLUME:							
SHIP TONNAGE:							

26-21558

26-10921

THIS SHEET IS CLASSIFIED: RESTRICTED

THIS SHEET IS CLASSIFIED: RESTRICTED

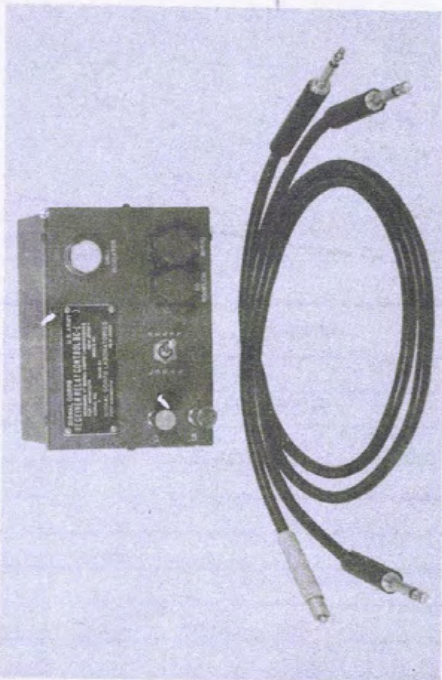
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS:	DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: RC-199-()	
	CHANGE IN STATUS:			PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED)	
			RECORDING EQUIPMENT RC-199-() (HIGH FIDELITY). PORTABLE EQUIPMENT FOR FIELD OR FIXED STATION USE. SYNCHRO- INTERCEPT ORGANIZATIONS FOR CONTINUOUS RECORDING AND TRANSSCRIB- ING RADIO TELEPHONE SIGNALS, PARTICULARLY WHEN SPEEDED UP, IN- VERTED OR SCRAMBLED, AND ALSO FOR OTHER WIDE BAND INTERCEPT WORK. SPEED VARIABLE IN 1 TO 1/4 RATIO, WITH 15 MINUTE MINIMUM RECORD TIME. FOR USE ON 115-230 VOLT, 50 TO 60 CYCLE SINGLE PHASE AC POWER SOURCE.		
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		
			ITEM	DIMENSIONS	
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-71556

THIS SHEET IS CLASSIFIED: RESTRICTED

24-10881

THIS SHEET IS CLASSIFIED: RESTRICTED

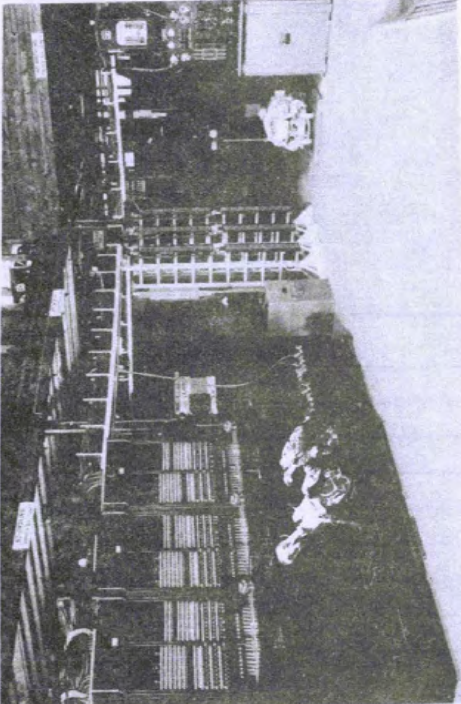
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: DEVELOPMENT CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: RC-208-()		
<div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 10px; writing-mode: vertical-rl; transform: rotate(180deg); font-size: small;"> RADIO RECEIVER RELAY CONTROL BOX - PART OF RADIO RELAY CONTROL UNIT RC-208 Front View </div> </div> <p style="text-align: center; font-weight: bold; margin-top: 10px;">RESTRICTED</p>		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)			
		RADIO CONTROL EQUIPMENT RC-208-(). COUPLING EQUIPMENT FOR AUTOMATIC RELAY FROM ONE RADIO CIRCUIT TO ONE OR MORE OTHER RADIO CIRCUITS TO PERMIT EXTENDED RANGE OF COMMUNICATION. OPERATED FROM THE SAME POWER SOURCE AS THE RADIO SETS WITH WHICH IT IS USED. USED WITH BUT NOT PART OF: SCR-508, 528, 608, 628, 708, 728, 808, 828.			
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-21592

THIS SHEET IS CLASSIFIED: RESTRICTED

24-10891

THIS SHEET IS CLASSIFIED: UNCLASSIFIED


PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: LIMITED STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-1		
<div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 10px;"> <p style="font-size: 0.8em;">TELEPHONE CENTRAL OFFICE SET TC-1 Complete Set Up</p> <p style="font-size: 0.6em;">NAV 11-17-41 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N.J. - NS 51 800</p> </div> </div>		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)			
		<p style="text-align: center;">TELEPHONE CENTRAL OFFICE SET TC-1 (ARMY)</p> <p style="text-align: center; font-size: 0.8em;">A COMPLETE TRANSPORTABLE TELEPHONE EXCHANGE OR CENTRAL OFFICE FOR USE AT HEADQUARTERS REQUIRING A TELEPHONE SWITCHBOARD OF THE CAPACITY OF 1 TO 6 SWITCHBOARDS BD-80-A.</p>			
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-21556

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

24-21556

THIS SHEET IS CLASSIFIED. UNCLASSIFIED

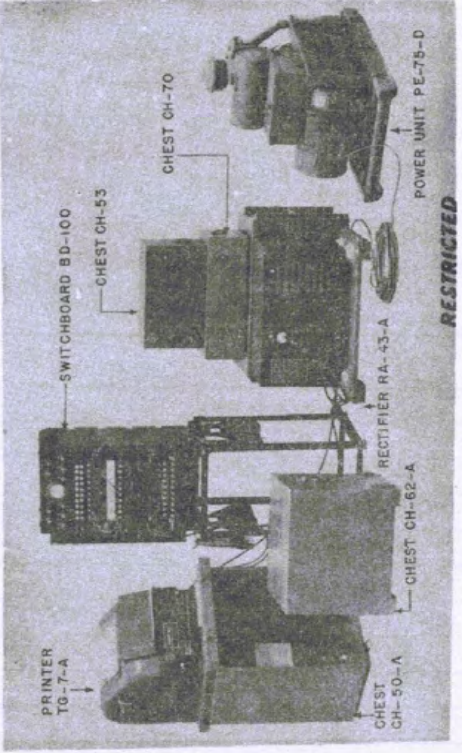
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-2		
<div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 10px; writing-mode: vertical-rl; transform: rotate(180deg); font-size: small;"> TELEPHONE CENTRAL OFFICE SET TC-2 DRAWING NO. 1-13-12 · SIGNAL CORPS GENERAL DEVELOPMENT LABORATORY · HQ, SIGNAL · 5399 </div> </div>		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)			
		<p style="text-align: center;">TELEPHONE CENTRAL OFFICE SET (Corps) TC-2.</p> <p style="text-align: center; font-size: small;"> A COMPLETE TRANSPORTABLE TELEPHONE EXCHANGE OR CENTRAL OFFICE FOR USE AT HEADQUARTERS REQUIRING A TELEPHONE SWITCHBOARD OF THE CAPACITY OF 1 OR 2 SWITCHBOARDS BD-89. </p> <p style="text-align: center; font-size: small;">NET WEIGHT: 2900 POUNDS EACH, PACKED.</p>			
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)			
		DIMENSIONS			
ITEM	HEIGHT	WIDTH	DEPTH	WEIGHT	CLASSIFICATION
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-2155a

THIS SHEET IS CLASSIFIED. UNCLASSIFIED

24-10901

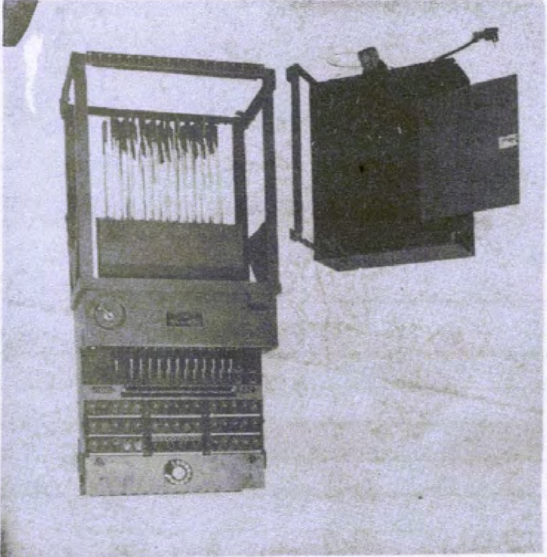
THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-3		
<div style="display: flex; justify-content: space-around; align-items: center;">  <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; font-size: 1.2em;">RESTRICTED</div> </div> <p style="font-size: 0.8em; margin-top: 5px;">TELEGRAPH CENTRAL OFFICE SET TC-3 Prepared for operation</p> <p style="font-size: 0.7em; margin-top: 5px;">FORM 12-7-52 SIGNAL CORPS GENERAL DEVELOPMENT LABORATORY DA FORM 8895</p>		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)			
		TELEGRAPH CENTRAL OFFICE SET TC-3 (PRINTER). INCLUDES SWITCHBOARD BD-100, PRINTER TG- () AND ALL OTHER EQUIPMENT NECESSARY TO SET UP COMPLETE CENTRAL.			
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-21359

THIS SHEET IS CLASSIFIED: RESTRICTED

24-18941

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-4																											
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)																												
			TELEPHONE CENTRAL OFFICE SET TC-4. DIVISIONS A COMPLETE TRANSPORTABLE TELEPHONE EXCHANGE OR CENTRAL OFFICE FOR USE AT HEADQUARTERS REQUIRING A TELEPHONE SWITCHBOARD OF THE CAPACITY OF SWITCHBOARD BD-96. NET WEIGHT: 625 POUNDS EACH, PACKED.																												
TELEPHONE CENTRAL OFFICE SET TC-4 Switchboard BD-96 . Front Cover Removed GATE 2-11-47 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J. - WD 87- 581			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)																												
			<table border="1"> <thead> <tr> <th rowspan="2">ITEM</th> <th colspan="3">DIMENSIONS</th> <th rowspan="2">WEIGHT</th> <th rowspan="2">CLASSIFICATION</th> </tr> <tr> <th>HEIGHT</th> <th>WIDTH</th> <th>DEPTH</th> </tr> </thead> <tbody> <tr> <td>COMBINED WEIGHT OF COMPONENTS:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>COMBINED VOLUME:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>SHIP TONNAGE:</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH	COMBINED WEIGHT OF COMPONENTS:						COMBINED VOLUME:						SHIP TONNAGE:					
ITEM	DIMENSIONS			WEIGHT		CLASSIFICATION																									
	HEIGHT	WIDTH	DEPTH																												
COMBINED WEIGHT OF COMPONENTS:																															
COMBINED VOLUME:																															
SHIP TONNAGE:																															

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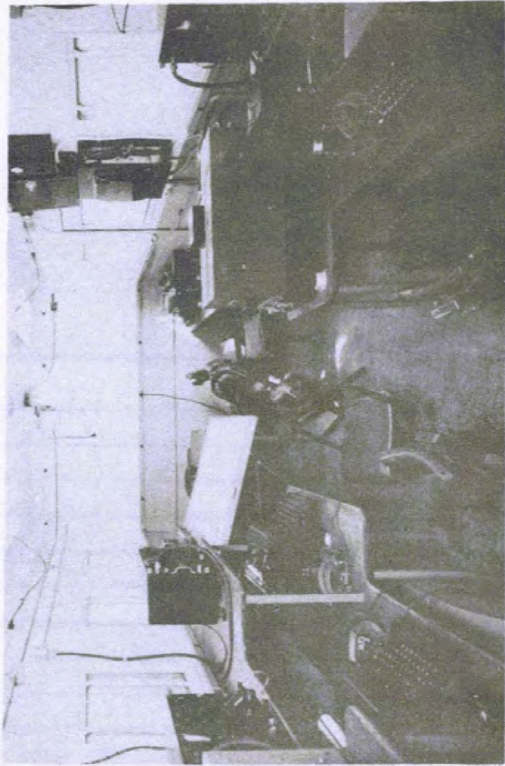
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-5				
	CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)				
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
			HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:							
COMBINED VOLUME:							
SHIP TONNAGE:							

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

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AUXILIARY TELEPHONE CENTRAL EQUIPMENT TC-5,
 FOR USE WITH TELEPHONE CENTRAL OFFICE SET TC-1 (ARMY).

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OCSIG O	STATUS: STANDARD		NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-8	
CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)			
		<p style="text-align: center;">RADIO DIRECTION FINDER CENTRAL TC-8.</p> <p style="text-align: center;">TRAILER CONTAINS (VEHICULAR, NOT MOBILE) UNIT FOR PURPOSE OF COORDINATION AND PLOTTING INFORMATION RECEIVED BY RADIO AND WIRE FROM DIRECTION FINDER STATIONS.</p> <p style="text-align: center;">INCLUDES RADIO RECEIVING APPARATUS, TELEPHONE SWITCHBOARD, AND PLOTTING BOARD.</p>			
MOBILE RADIO DIRECTION FINDER CENTRAL TRAILER View of Interior - Looking Forward		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)			
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

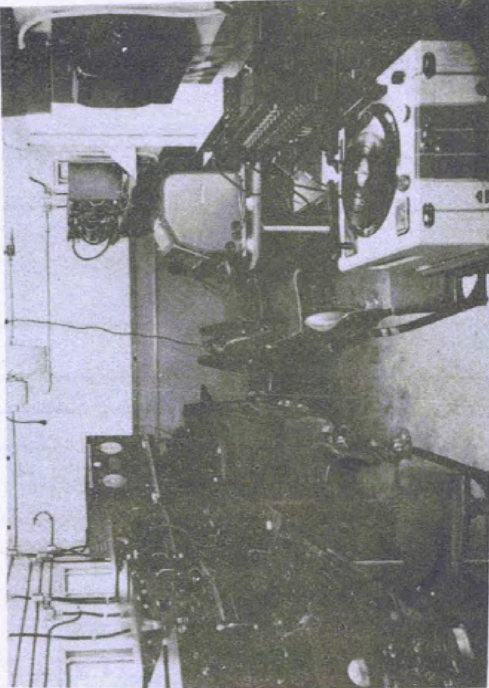
24-21556

DRY 2-28-42 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N. J. - NO. 861,301

24-10941

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-9		
<div style="display: flex; align-items: center;">  <div style="margin-left: 10px; font-size: 8px;"> MOBILE RADIO INTERCEPT CENTRAL TRAILER VIEW OF INTERIOR - LOOKING FORWARD MAT 2-28-42 - SIGNAL CORPS LABORATORIES - FORT MONMOUTH - N.J. - NA FILE 3005 </div> </div>		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)			
		RADIO INTERCEPT CENTRAL TC-9. TRAILER CONTAINED (VEHICULAR, NOT MOBILE) UNIT FOR PURPOSE OF INTERCEPTING, RECORDING, INTERPRETING, RADIO COMMUNICATIONS. CONSISTS OF RADIO RECEIVERS, RECORDERS, SWITCHBOARD, ANTENNA.			
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

14-21512

26-18941

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIGO	STATUS: STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-10				
	CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)				
		TELEPHONE CENTRAL OFFICE SET TC-10 (ARMY). THIS TELEPHONE CENTRAL OFFICE SET IS THE SAME AS TC-1 EXCEPT THAT BD-80-() IS REPLACED BY BD-110-(). NOTES: THIS SET WILL BE PROCURED IN LIMITED QUANTITIES PENDING THE DESIGN AND STANDARDIZATION OF THE ULTIMATE TC-().					
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
			HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:							
COMBINED VOLUME:							
SHIP TONNAGE:							

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-12			
	CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)			
(Empty space for drawing or additional information)		TELEPHONE CENTRAL OFFICE SET TC-12. CONSISTS OF 1 SWITCHBOARD BD-91-(), 2 CHEST SET TD-1, 2 HEAD-SET HS-30-(), 8 BATTERIES BA-30 (6 IN USE, 2 SPARE CARRIED IN A COMPARTMENT IN SWITCHBOARD BD-91-(), CONVERTER M-222, 1 GROUND ROD GF-29, 14 BATTERIES BA-23 (12 IN USE, 2 SPARE)				
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)				
		ITEM	DIMENSIONS			WEIGHT
	HEIGHT	WIDTH	DEPTH			
COMBINED WEIGHT OF COMPONENTS:						
COMBINED VOLUME:						
SHIP TONNAGE:						

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS:		NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-14-()	
CHANGE IN STATUS:			PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED)		
		<p style="text-align: center;"> TELEPHONE REPEATER SET TC-14-() (VOICE FREQUENCY, 2 WIRE). A 2 ELEMENT, 2 WAY TYPE TELEPHONE REPEATER FOR USE WITH TWO WIRE LINES. CONTAINS AMPLIFYING EQUIPMENT FOR IMPROVING TEL- EPHONE TRANSMISSION. PROVISION IS MADE FOR CONTAINING A DRY BATTERY POWER SUPPLY. </p>			
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

THIS SHEET IS CLASSIFIED: RESTRICTED

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-16-()													
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)														
			REPERFORATOR-TELETYPEWRITER SET TC-16-(). CONSISTS OF: 1 REPERFORATOR TRANSMITTER TG-26-() (TYPING TELETYPE) 1 LINE UNIT BE-77-A AND ASSOCIATED EQUIPMENT.														
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)														
			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="width: 60%;">ITEM</th> <th colspan="3" style="text-align: center;">DIMENSIONS</th> <th rowspan="2" style="width: 10%;">WEIGHT</th> <th rowspan="2" style="width: 10%;">CLASSIFICATION</th> </tr> <tr> <th style="width: 10%;">HEIGHT</th> <th style="width: 10%;">WIDTH</th> <th style="width: 10%;">DEPTH</th> </tr> </thead> <tbody> <tr> <td style="height: 100px;"> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	HEIGHT	WIDTH	DEPTH					
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			COMBINED WEIGHT OF COMPONENTS:														
			COMBINED VOLUME:														
			SHIP TONNAGE:														

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-20				
	CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED)				
		TELEPHONE CENTRAL OFFICE SET TC-20 (ARMY). THIS EQUIPMENT WILL PROVIDE FOR COMMON BATTERY AND MAGNETO LINES AND WILL INCLUDE THE NECESSARY TELEPHONE SWITCHBOARD, DISTRIBUTING FRAME AND POWER PANEL. NOTES: IT IS INTENDED THAT THIS EQUIPMENT WILL SUPERSEDE TELEPHONE CENTRAL OFFICE SET TC-10 WHEN AVAILABLE. (TC-10 IS STOP GAP SET UNTIL ABOVE IS DEVELOPED.)					
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
			HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:							
COMBINED VOLUME:							
SHIP TONNAGE:							

THIS SHEET IS CLASSIFIED: RESTRICTED

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. G. DIV. OG SIGO	STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-26-()				
	CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)				
		REPEATER SET TC-26-(). COMPLETE ELECTRONIC REGENERATIVE REPEATER SET CONSISTING OF: 1 REPEATER TG-29 (ELECTRONIC, REGENERATIVE) 2 GROUND RODS GP-29 1 TELEGRAPH SET TG-32-().					
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
			HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:							
COMBINED VOLUME:							
SHIP TONNAGE:							

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-27-()			
	CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)			
		REPEATER SET TC-27-(). COMPLETE MOTOR-DRIVEN REGENERATIVE REPEATER SET CONSISTING OF:				
		1 REPEATER TG-28 (MOTOR-DRIVEN, REGENERATIVE) 2 GROUND RODS GP-29 1 TELEGRAPH SET TG-32-()				
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)				
		ITEM	DIMENSIONS			WEIGHT
	HEIGHT	WIDTH	DEPTH			
COMBINED WEIGHT OF COMPONENTS:						
COMBINED VOLUME:						
SHIP TONNAGE:						

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

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THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS: STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.		NOMENCLATURE DESIGNATION: TC-29-()		
	CHANGE IN STATUS:	PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)				
<p style="text-align: center;"> TELEPHONE REPEATER SET TC-29-() (VOICE FREQUENCY, 4 WIRE) CONSISTS OF TELEPHONE REPEATER EE-99-() AND AUXILIARY EQUIP- MENT. THE AUXILIARY EQUIPMENT INCLUDES SUITABLE GROUNDING RODS, POWER PAD, SPARE VACUUM TUBES, TELEPHONE EE-3 FOR MONITORING AND WIRE FOR CONNECTING THE REPEATER EQUIPMENT. BATTERIES FOR OPERATION SHALL BE ORDERED SEPARATELY AS NOTED ON PARTS LIST. </p>						
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)						
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
		HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:						
COMBINED VOLUME:						
SHIP TONNAGE:						

24-21551

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24-15891

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-33-()				
	CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED)				
		CONVERTER SET TC-33-() (CARRIER, 2 WIRE-4 WIRE). A CONVERTER SET INCLUDING ONE "CONVERTER CF-4-() (CARRIER, 2 WIRE-4 WIRE)" AND NECESSARY AUXILIARY EQUIPMENT NEEDED FOR CONNECTING, GROUNDING, AND POWERING THE CF-4-(). USED WITH BUT NOT PART OF: TC-37-(), AND CARRIER EQUIPMENTS SUCH AS TC-23 OR TC-21.					
		PART G - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
			HEIGHT	WIDTH	DEPTH		
		COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:							
SHIP TONNAGE:							

24-21555

THIS SHEET IS CLASSIFIED: RESTRICTED

24-15941

THIS SHEET IS CLASSIFIED: RESTRICTED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OCSIG O	STATUS:	DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TC-37-()	
	CHANGE IN STATUS:			PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED)	
			REPEATER SET TC-37-() (CARRIER 2-WIRE). A REPEATER SET INCLUDING ONE "REPEATER CF-5-() (CARRIER 2-WIRE)" AND NECESSARY AUXILIARY EQUIPMENT NEEDED FOR CONNECTING, GROUNDING, AND POWERING THE CF-5-(). USED WITH BUT NOT PART OF: TC-33-(), AND OTHER SUCH CARRIER EQUIPMENTS AS TC-23, AND TC-21.		
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

74-71556

THIS SHEET IS CLASSIFIED: RESTRICTED

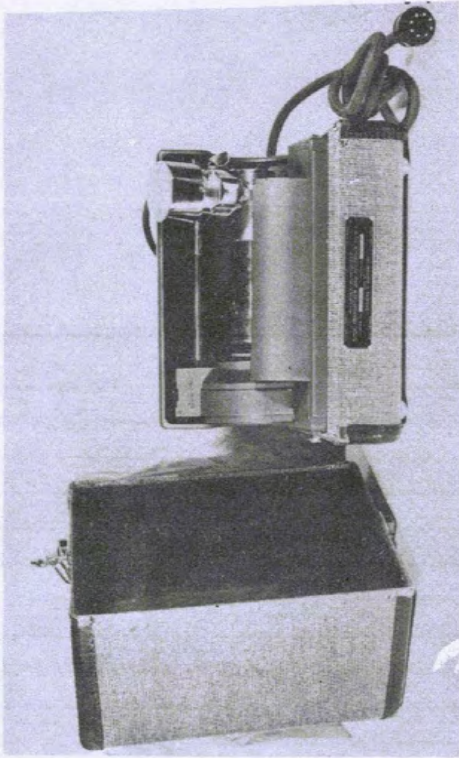
24-10881

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TG-7-()		
<div data-bbox="323 500 637 1250" data-label="Image"> </div> <div data-bbox="733 738 771 1015" data-label="Caption"> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">PRINTERS TG-7, TG-7-53, TG-7-74, TG-7-75 Shown From Left to Right</p> </div> <div data-bbox="771 560 799 1177" data-label="Text"> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">DATE: 8-12-53 • SIGNAL CORPS LABORATORIES • FORT MONMOUTH • N.J. • NF SCL-2287</p> </div>			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED) <p style="text-align: center;">PRINTER TG-7-A</p> <p>PAGE TYPE TELETYPE; CONSISTS OF A KEYBOARD TRANSMITTER, A TYPING UNIT, A CASE ON WHICH ARE MOUNTED THE DRIVING MOTOR AND AUXILIARY EQUIPMENT, AND A SOUND REDUCING DUST COVER. PART OF TELEGRAPH PRINTER SETS EE-97, AND EE-98.</p> <p style="text-align: center;">TELETYPEWRITER TG-7-B</p> <p>SIMILAR TO PRINTER TG-7-A, EXCEPT WITH SIMPLIFIED CIRCUIT, ELIMINATING LINE RELAY MOUNTING AND ASSOCIATED WIRING AND EQUIPMENT.</p> <p>NOTE: "TELETYPEWRITER" NOMENCLATURE REPLACES "PRINTER" BUT DOES NOT INDICATE CHANGE IN EQUIPMENT.</p>			
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)						
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION	
	HEIGHT	WIDTH	DEPTH			
COMBINED WEIGHT OF COMPONENTS:						
COMBINED VOLUME:						
SHIP TONNAGE:						

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

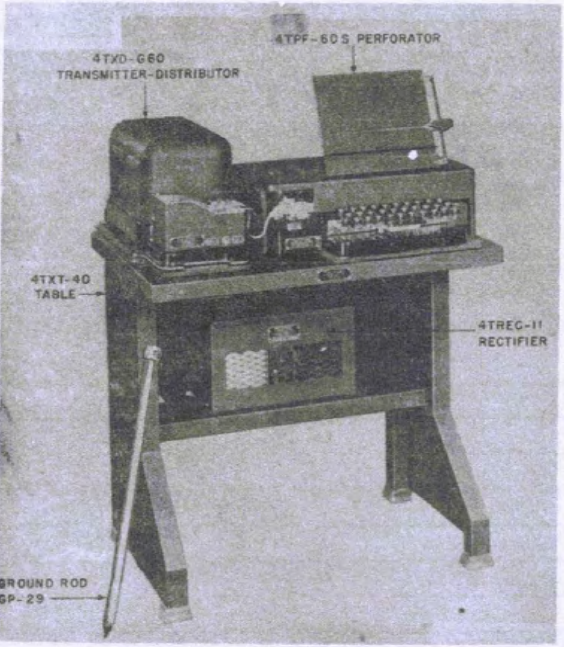
THIS SHEET IS CLASSIFIED UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TG-8-()		
<div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px; writing-mode: vertical-rl; transform: rotate(180deg);"> CODE TRANSMITTER & RECORDER TG-8 </div> </div>		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)			
		CODE TRANSMITTER AND RECORDER TG-8-(). TELEGRAPH & RADIO CODE TRAINING EQUIPMENT. SPECIFICATION: 71-491.			
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-25551

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24-25551

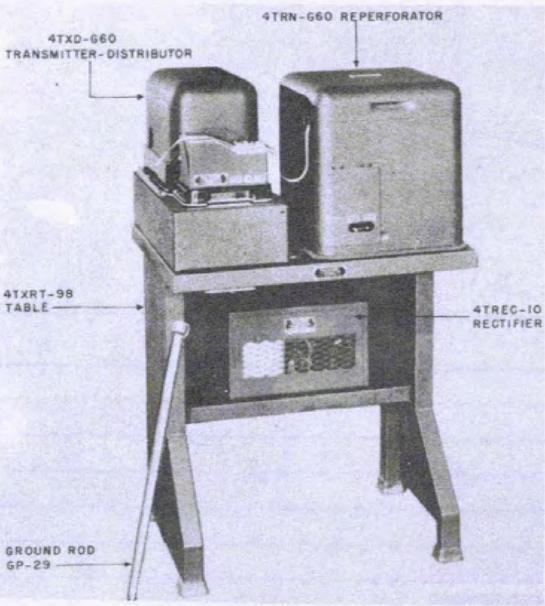
PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: SUBSTITUTE STANDARD CHANGE IN STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TG-23		
		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED) PERFORATOR TRANSMITTER SET TG-23 (NON-TYPING TELETYPE). STANDARD KEYBOARD EQUIPPED WITH SERIES GOVERNED MOTOR AND RECTIFIER FOR OPERATION OF 50-60 CYCLE, 115 V POWER SUPPLY. INCLUDES STEEL TABLE FOR MOUNTING ALL UNITS. SIMILAR TO TG-11 WITH ADDED TRANSMITTER-DISTRIBUTOR. NOTES: AS MFG. BY TELETYPE CORP.			
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

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PERFORATOR TRANSMITTER SET TG-23 (Teletype Model 14 Perforator Transmitter Distributor Set)
 Prepared for Operation

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS:	SUBSTITUTE STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	<h1 style="margin: 0;">TG-25</h1>	
CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)			
<div style="text-align: center;">  </div>		<p style="text-align: center;">REPERFORATOR TRANSMITTER SET TG-25 (NON-TYPING, TELETYPE).</p> <p style="text-align: center;">EQUIPPED WITH SERIES GOVERNED MOTOR AND RECTIFIER FOR OPERATION ON 50-60 CYCLE, 115 VOLT POWER SUPPLY. INCLUDES STEEL TABLE FOR MOUNTING ALL UNITS. AS MFG. BY TELETYPE CORP.</p>			
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

REPERFORATOR TRANSMITTER TG-25 (Teletype Model 14 Non-Typing Reperforator Transmitter Distributor Set)
 Prepared for Operation

DATE 12-31-42 SIGNAL CORPS GENERAL DEVELOPMENT LABORATORY NO. 60001-7029

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS: CHANGE IN STATUS:	DEVELOPMENT	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TG-29-()		
			PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED)			
			<p>REPEATER TG-29-() (ELECTRONIC, REGENERATIVE).</p> <p>VACUUM TUBE OPERATED, PORTABLE FIELD TYPE. FOR OPERATION ON 50-60 CYCLE, 115 VOLT COMMERCIAL POWER OR FIELD POWER UNITS, OR ON BATTERY SUPPLY.</p> <p>USED WITH BUT NOT PART OF: BD-100 AND OTHER TELEGRAPH COMMUNICATION EQUIPMENT.</p>			
PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)						
ITEM		DIMENSIONS			WEIGHT	CLASSIFICATION
		HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:						
COMBINED VOLUME:						
SHIP TONNAGE:						

24-21598

THIS SHEET IS CLASSIFIED: RESTRICTED

24-18941

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS:		NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION:	<h1 style="text-align: center;">TG-30</h1>	
	CHANGE IN STATUS:					
			PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)			
			REPEATER TG-30 (TERMINAL).			
			<small>TERMINAL TYPE D.O. TELEGRAPH REPEATER WITH LINE SIDE ARRANGED FOR POLAR OR POLARENTIAL OPERATION. LOCAL SIDE ARRANGED FOR NEUTRAL OPERATION TO SIGNAL CORPS TELEGRAPH SWITCHBOARDS, TELETYPEWRITERS OR OTHER TELEGRAPH TERMINAL APPARATUS.</small>			
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)			
			ITEM	DIMENSIONS		
	HEIGHT	WIDTH	DEPTH			
COMBINED WEIGHT OF COMPONENTS:						
COMBINED VOLUME:						
SHIP TONNAGE:						

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TG-31		
	CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)		
		REPEATER TG-31 (INTERMEDIATE). INTERMEDIATE TYPE D.O. TELEGRAPH REPEATER DESIGNED FOR POLARENTIAL OPERATIONS IN EITHER DIRECTION FROM AN INTERMEDIATE POINT OF A LINE EQUIPPED WITH SUITABLE TERMINAL REPEATERS.			
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)			
		ITEM	DIMENSIONS		WEIGHT
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: CHANGE IN STATUS:	STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TG-32-()	
			PARTS A & B - DESCRIPTION (CLASSIFICATION: RESTRICTED) TELEGRAPH SET TG-32-(). PORTABLE TYPE SENDING AND RECEIVING SET SIMILAR TO TELEGRAPH SET TG-5-B EXCEPT WITH MODIFIED EXTERNAL CONNECTING EQUIPMENT INCLUDING CORDS AND PLUGS SUITABLE FOR CONNECTING TO REPEATER OR TERMINAL EQUIP- MENT. FOR MANUAL MONITORING OF TELEGRAPH PRINTER CIRCUITS. ALSO EQUIPPED WITH BINDING POSTS FOR CONNECTING TO FIELD WIRE. ALL EQUIP- MENT INCLUDING CORDS AND PLUGS IS ENCLOSED IN A COMPACT CARRYING CASE. PART OF: TC-26, TC-27, TC-18, TC-19.		
			PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)		
			ITEM	DIMENSIONS	WEIGHT
	HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:					
COMBINED VOLUME:					
SHIP TONNAGE:					

24-21556

THIS SHEET IS CLASSIFIED: RESTRICTED

24-10003

PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIG O	STATUS: STANDARD	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TG-34-()				
	CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)				
(Empty space for drawing or additional notes)		KEYS: TG-34-(). PORTABLE KEYS: WATERS CONLEY TYPE #908-20 OR EQUAL. NOTES: TO BE USED IN PLACE OF TG-10-() IN FUTURE PROCUREMENTS. PART OF: CODE PRACTICE EQUIPMENTS EE-94-C, EE-95-C & EE-96-C.					
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
			HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:							
COMBINED VOLUME:							
SHIP TONNAGE:							

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PREPARED BY MILITARY INTELLIGENCE BRANCH COM. C. DIV. OC SIGO	STATUS:	NOTE: SEE INDIVIDUAL SECTIONS FOR SECTION CLASSIFICATION.	NOMENCLATURE DESIGNATION: TG-37-()				
	CHANGE IN STATUS:		PARTS A & B - DESCRIPTION (CLASSIFICATION: UNCLASSIFIED)				
		TELETYPEWRITER TG-37- (). SAME AS TELETYPEWRITER TG-7-B EXCEPT WITH WEATHER SYMBOL KEY-BOARD.					
		PART C - PRINCIPAL COMPONENTS (CLASSIFICATION:)					
		ITEM	DIMENSIONS			WEIGHT	CLASSIFICATION
			HEIGHT	WIDTH	DEPTH		
COMBINED WEIGHT OF COMPONENTS:							
COMBINED VOLUME:							
SHIP TONNAGE:							

THIS SHEET IS CLASSIFIED: UNCLASSIFIED

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Acc 234
Jan 57

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FORT MONMOUTH, NEW JERSEY
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