

STATUS: Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Navy

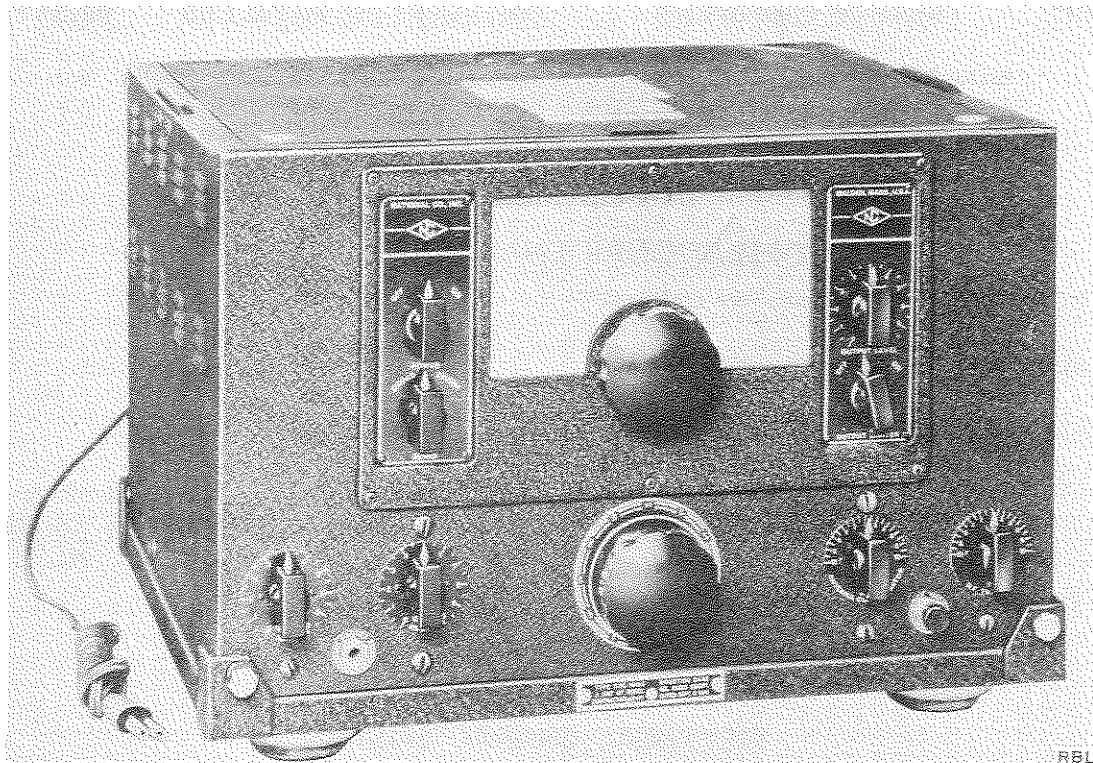
DATE OF THIS SHEET: 4 Apr 52

AN/URR-TYPE

SERVICE TYPE NUMBER:

RBL, RBL-1, -2

RADIO RECEIVING EQUIPMENT



Radio Receiving Equipments RBL, RBL-1 and RBL-2 are general purpose, tuned r-f receivers of telegraph signals between 0.015 to 0.6 mc. Voice reception is only possible above 0.2 mc. The level of r-f radiations is kept below 400 uuw making their use safe within combat areas.

These three receivers are identical.

Either a single-wire antenna or an unbalanced feed line can be used.

A receiving antenna and a 600-ohm headset are required but not supplied.

They can be operated either from ac or batteries. A special battery power socket is provided.

AN/URR-TYPE		INSTRUCTION LITERATURE: NavShips 900,353
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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Receiver CNA-46161	10-31/32 x 17-3/16 x 16-5/8	75.0
1	Mounting Base CNA-10124	2-9/16 x 17-17/32 x 16-5/16	5.5

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shipboard or shore stations.

INSTALLATION: Shipborne or ground.

APPROXIMATE RANGE (IN MILES): Medium.

CAN COMMUNICATE WITH: AN/ARC-9; AN/ART-13; AN/CRT-3, -5; AN/FRT-4, -10, -19; AN/GRT-2;
AN/MRC-20; AN/SRC-3; AN/SRT-1, -3; AN/TRQ-1; AN/URT-2, -3, -4; BC-291, -329, -365; SCR-177;
T-5/FRC, -171/FR; TAB; TAJ; TAQ; TBL; TBN; TBU; TBN; TCE; TCG; TCY; TCZ; TDD; TDE; TDK;
Marconi TH-41-B; Wilcox 99A.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 0.015 - 0.600 in 6 bands.

Band A: 0.015 - 0.025

Band C: 0.045 - 0.080

Band E: 0.155 - 0.310

Band B: 0.025 - 0.045

Band D: 0.080 - 0.155

Band F: 0.310 - 0.600.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Cw, icw, mcw, voice (above 0.2 mc).

POWER OUTPUT: 300 mw.

POWER REQUIREMENTS: 46 w, 115 v, 60 cyc, 1 phase, ac.

Battery operation: 14 w, 6.3 v and 4 w, 135 v, ac.

PHYSICAL CHARACTERISTICS

Radio Receiving Equipments RBL, RBL-1, -2 measure 12-13/32 x 17-11/16 x 17-1/4 inches, net weight 105.5 pounds, volume 1.8 cu ft. Packed for domestic shipment: total weight 225 pounds, total volume 9.7 cu ft. Shipped in 1 package.