STATUS: Standard

CLASSIFICATION OF EQUIPMENT : Unclassified

USING SERVICE: Navy

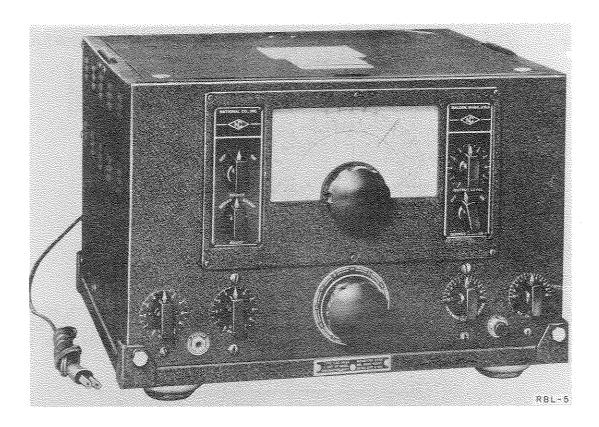
DATE OF THIS SHEET: 4 Apr 52

AN/URR-TYPE

SERVICE TYPE NUMBER:

RBL-<u>5,-6</u>

RADIO RECEIVING EQUIPMENT



Radio Receiving Equipments RBL-5 and -6 are general purpose radiotelegraph receivers which operate in the frequency range 0.015 to 0.6 mc. Voice reception is possible only above 0.2 mc. The level of r-f radiations is kept below 400 micromicrowatts, permitting their use within combat areas.

These two receivers are similar. The RBL-5 is supplied with a mounting base and the RBL-6 is inclosed in a large metal cabinet with shock mounts and a drawer-type chassis.

They can be operated either from a source of a-c power or from batteries. A special battery cable and a-c jumper-plug receptacle are provided.

A coaxial antenna input receptacle permits the use of an unbalanced feed line or a single wire antenna.

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

SERVICE TYPE NUMBER

RADIO RECEIVING EQUIPMENT

INSTRUCTION LITERATURE:
NavShips 900, 350
CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Navy

DATE OF THIS SHEET: 4 Apr 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
gazone	Radio Receiver CNA-46161-B* or CNA-46235**	10-21/32 × 17-3/16 × 16-5/8 12-7/16 × 19 × 17-7/8	80.5 104.0
* 1	Mounting Base CNA-10124	2-9/16 × 17-21/32 × 16-5/16	5.5

* Supplied with RBL-5

* * Supplied with RBL-6

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shipboard or shore stations.

INSTALLATION: Shipborne, ground.

APPROXIMATE RANGE (IN MILES): Medium

CAN COMMUNICATE WITH: AN/ARC-8; 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-191, -329, -365; SCR-177; T-5/FRC, -171/FR; TAB; TAJ; TAQ; TBL; TBN; TBU; TBW; TCE; TCG; TCY; TCZ; TDD; TDE; TDK; Marconi TH-41-B; Wilcox 99A.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 0.015 - 0.600, in six bands.

Band D: 0.080 - 0.155 Band A: 0.015 - 0.025 Band E: 0.155 _ 0.310 Band B: 0.025 _ 0.045 Band F: 0.310 - 0.600. Band C: 0.045 - 0.080

TYPE MODULATION: Am.

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

POWER OUTPUT: 300 mw.

POWER REQUIREMENTS: 46 w, 115 v, 50/60 cyc, 1 phase.

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

PHYSICAL CHARACTERISTICS

Radio Receiving Equipment RBL-5, RBL-6 measures 12-13/32 x 17-21/32 x 18-1/16 inches, net weight 169 pounds, volume 5.1 cu ft. Packed for domestic shipment: total weight 255 pounds, total volume 8.75 cu ft. Shipped in 1 package.

CONFIDENTIAL—Security Information

ORIGINAL