

STATUS: Standard

CLASSIFICATION OF EQUIPMENT:Unclassified

USING SERVICE: Navy

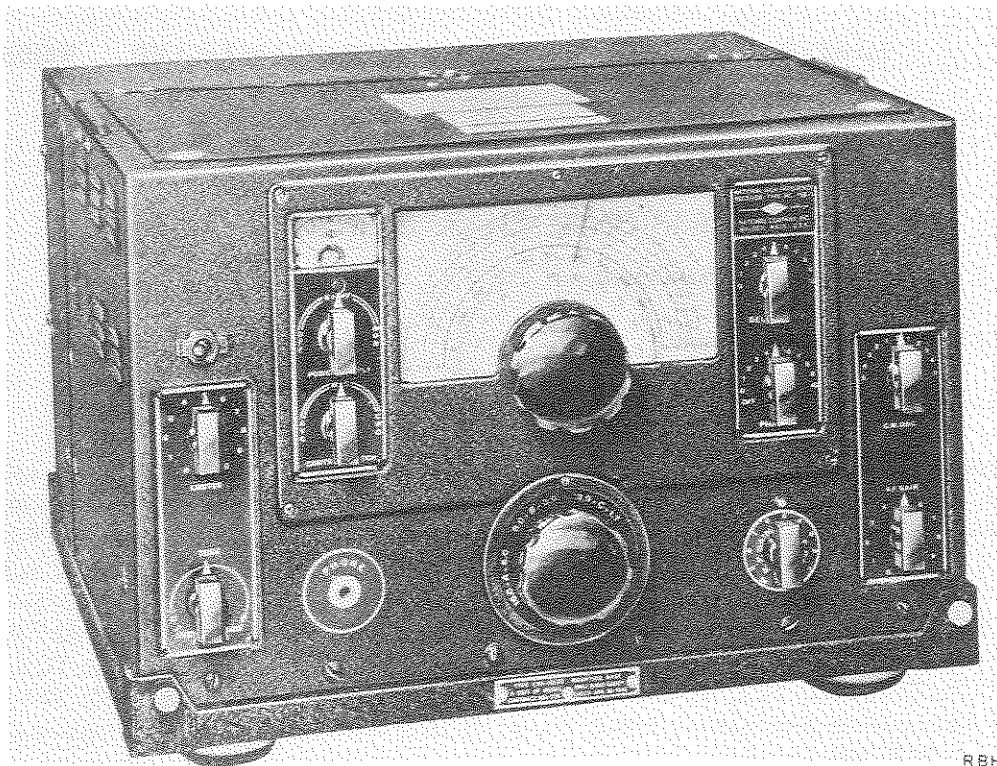
DATE OF THIS SHEET: 4 Apr 52

AN/URR-TYPE

SERVICE TYPE NUMBER:

RBH

RADIO RECEIVING EQUIPMENT



Radio Receiving Equipment RBH is a general purpose radio receiver of radiotelegraph or voice signals. Radiation of r-f power from the internal heterodyne oscillator has been kept below safe limits to permit use of this receiver in the combat zone.

The antenna input circuit is suitable for use with either a single wire antenna or a balanced feed line (70 ohms).

The loudspeaker supplied with the equipment matches the loudspeaker output circuit of the receiver. A headset output jack is also provided (600 ohms). The loudspeaker is shorted out when the headset is connected.

Crystal selectivity is provided in the first i-f stage of the receiver.

A receiving antenna and headset are required but not supplied.

AN/URR- TYPE		INSTRUCTION LITERATURE: NavShips 95242
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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Receiver CNA-46144	11 x 17-9/16 x 13-3/8	55
1	Loudspeaker CNA-49106	9-1/2 x 10-1/4 x 7-3/8	11

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shipboard or shore stations.

INSTALLATION: Shipborne, ground.

APPROXIMATE RANGE (IN MILES): Long.

CAN COMMUNICATE WITH: AN/ARC-2, -5, -8, -9, -21, -25; AN/ART-13; AN/CRT-3, -5; AN/FRC-10; AN/FRT-5, -6, -15, -17, -18, -19; AN/GRC-9, -13, -26; AN/GRT-2; AN/MRC-2, -6, -16, -20, -22; AN/PRC-7, -19, -20; AN/SRC-3; AN/SRT-1, -3, -4; AN/TRQ-1; AN/URT-2, -3, -4; AN/VRC-1, -4; BC-191, -329, -339, -365, -401, -447, -610; MBS; MQ; OA-60A/FRT, -60B/FRT; RC-52; SCR-177, -188, -193, -274, -281, -399, -499, -506, -536, -543, -585, -694; T-4/FRC, -5/FRC, -83/SR, -158/FRT, -159/FRT, -171/FR, -172/FR, -173/FR, -174/FR, -175/FR, -177/FR, -180/FR; TAB; TAJ; TAQ; TBA; TBC; TBK; TBL; TBM; TBN; TBO; TBU; TBW; TBX; TCB; TCC; TCE; TCH; TCK; TCP; TCS; TCY; TCZ; TDD; TDE; TDF; TDH; TDK; TDN; TDO; TEB; TEC; TEF; Collins 18S-4 (AF Model); Collins 32V-2; Fisher TS 25-3; Marconi TH-41-B; Westinghouse Type MW; Wilcox 96D, 99A.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 0.3 - 1.2 and 1.7 - 16.0, in 5 bands.

Band 1: 0.3 — 0.6

Band 4: 3.9 — 8.0

Band 2: 0.6 — 1.2

Band 5: 8.0 — 16.0.

Band 3: 1.7 — 3.9

TYPE MODULATION: Am.

TYPE OF SIGNAL: Cw, icw, mcw, voice.

POWER OUTPUT: 12 mw into 600-ohm load or 2 w into 5,000-ohm load.

POWER REQUIREMENTS: 70 w, 115 v ($\pm 10\%$) 50/62 cyc, 1 phase.

PHYSICAL CHARACTERISTICS

Radio Receiving Equipment RBH measures 20-1/2 x 17-9/16 x 13-3/8 inches, net weight 85 pounds.