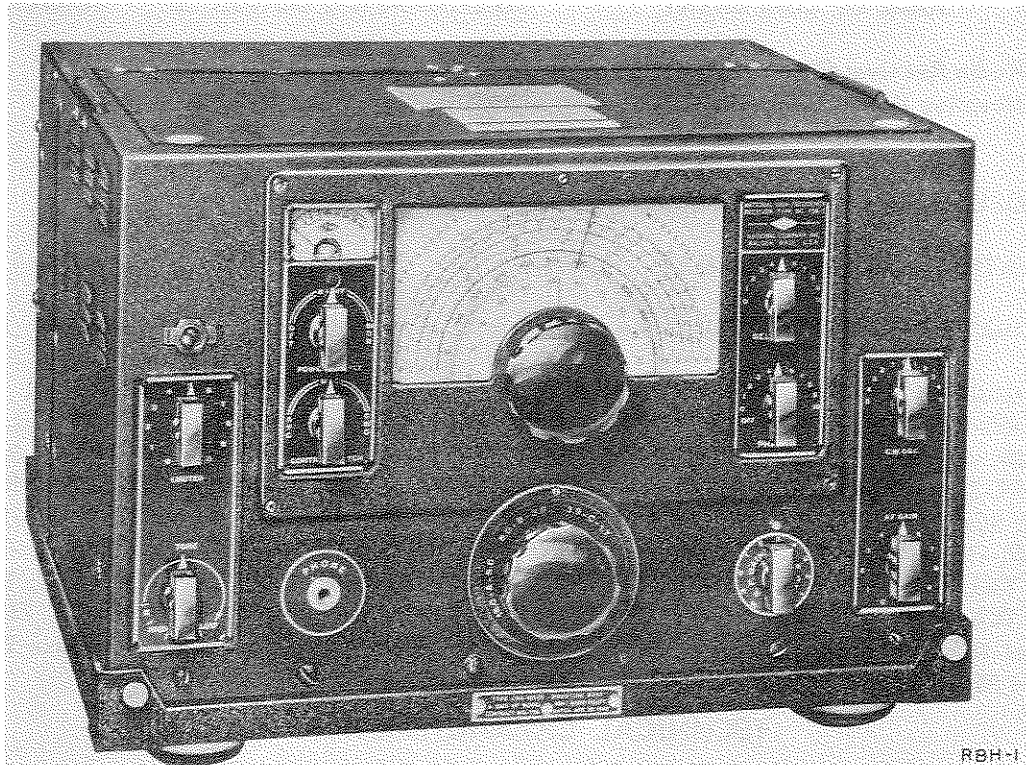


STATUS: Standard
CLASSIFICATION OF EQUIPMENT: Unclassified
USING SERVICE: Navy
DATE OF THIS SHEET: 29 Mar 52

AN/URR-TYPE

SERVICE TYPE NUMBER: RBH-1, -2, -3
RADIO RECEIVING EQUIPMENT



RBH-1

Radio Receiving Equipments RBH-1, -2, and -3 are general purpose receivers of radiotelegraph or voice signals. Radiations of r-f power from the internal heterodyne oscillator have been reduced to less than 400 uuw at antenna terminals.

These receivers are similar in design and construction; RBH-3 has a coaxial antenna input jack and mating plug. All three models are supplied with mounting bases and can be operated directly from batteries in an emergency.

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

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

AN/URR-TYPE		INSTRUCTION LITERATURE: NavShips 900,411
RBH-1, -2, -3		CLASSIFICATION OF EQUIPMENT: Unclassified
:SERVICE TYPE NUMBER		USING SERVICE: Navy
RADIO RECEIVING EQUIPMENT		DATE OF THIS SHEET: 29 Mar 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Receiver CNA-46188, -46188-A	10-3/4 x 17-1/4 x 18-11/16	74
1	Mounting Base CNA-10125	2-9/16 x 17-21/32 x 17-1/32	5.75

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, -26; 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 A: 8.0 - 16.0

Band C: 1.7 - 3.9

Band E: 0.3 - 0.6.

Band B: 3.9 - 8.0

Band D: 0.6 - 1.2

TYPE MODULATION: Am.

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

POWER OUTPUT: 300 mw into 600-ohm load.

POWER REQUIREMENTS: 60 w, 115 v ($\pm 10\%$) 50 / 60 cyc, 1 phase.

Battery operation: 22 w, 6.3 v and 8 w, 180 v.

PHYSICAL CHARACTERISTICS

Radio Receiving Equipment RBH-1, -2, or -3 measures 14-13/32 x 17-21/32 x 18-11/16 inches, net weight 109.75 pounds, volume 2.7 cu ft. Packed for domestic shipment: total weight 200 pounds, total volume 8.1 cu ft. Shipped in 1 package.