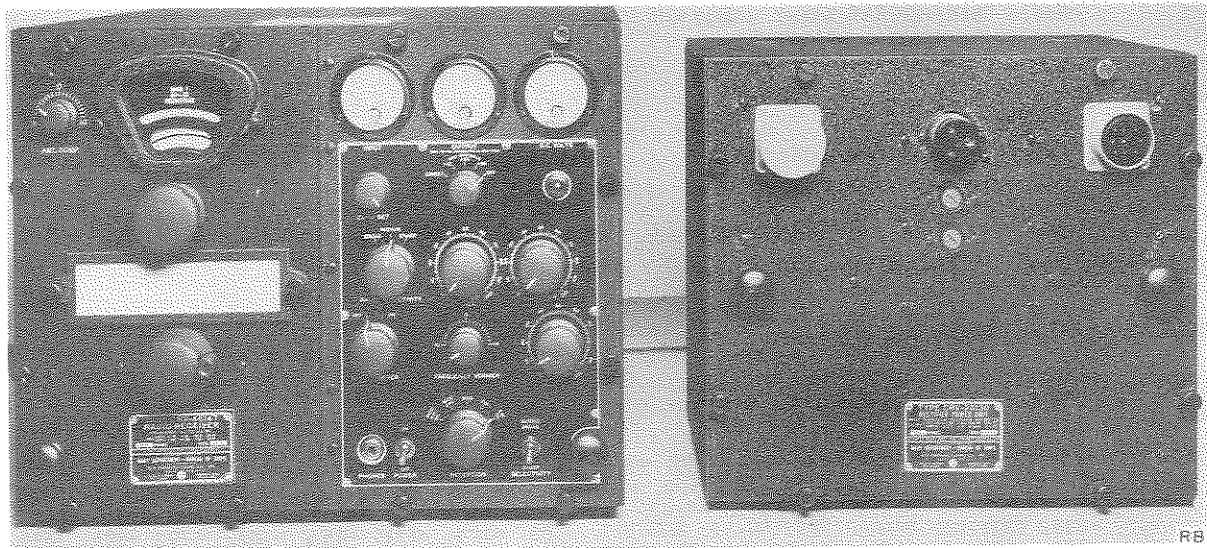


STATUS: Substitute Standard	AN/URR-TYPE
CLASSIFICATION OF EQUIPMENT: Unclassified	
USING SERVICE: Navy	
DATE OF THIS SHEET: 29 Mar 52	
SERVICE TYPE NUMBER: RBB, RBB-1 through -6	
RADIO RECEIVING EQUIPMENT	



Radio Receiving Equipments RBB, RBB-1 through RBB-6 are general purpose receivers of radiotelegraph or telephone signals within the frequency band 0.5 to 4.0 mc.

RBB, RBB-1, -2, -3, and -5 are designed for shelf installation; RBB-4 and -6 are intended for relay rack installation.

Modifying kits are available which permit the adaptation of any RBB model to crystal-controlled reception, panoramic reception in conjunction with panoramic Radio Adaptor RBV series, and frequency shift reception in association with Frequency Shift Receiver Converter Equipments FRA and FRF.

It is often installed next to an RBC (series) receiver for continuous coverage of 0.5 to 27.0 mc.

A receiving antenna and headset are required but not supplied.

AN/URR-TYPE	INSTRUCTION LITERATURE: NavShips 900,477; 91101; 91469
	CLASSIFICATION OF EQUIPMENT: Unclassified
RBB, RBB-1 through -6 :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 CRV-46147, -46147-C, -46147-D, -46296, -46296-A	14-3/4 x 18-1/2 x 20-1/8	52
* 1	Cabinet CRV-10350-A	Not Available	Not Available
1	Rectifier Power Unit CRV-20130, -20130-B	13-7/16 x 15 x 9-7/8	52
** 1	Mounting Shelf CRV-10349-A * Supplied with RBB-4 **Supplied with RBB-4, RBB-6.	Not Available	Not Available

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shipboard or shore stations.

INSTALLATION: Shipborne or ground.

APPROXIMATE RANGE (IN MILES): Medium.

CAN COMMUNICATE WITH: AN/ARC-2, -5, -8, -9, -21, -25, -26; AN/ART-13; AN/CRT-3; AN/FRC-10; AN/FRT-5, -6, -15, -17, -18, -19; AN/GRC-9, -13, -26; AN/MRC-2, -6, -16, -20, -22; AN/PRC-7; AN/SRC-3; AN/SRT-1, -3, -4; AN/TRQ-1; AN/URT-2, -3, -4; AN/VRC-1, -4; BC-191, -339, -365, -401, -447, -610; MBS; MQ; OA-60B/FRT; RC-52; SCR-177, -188, -193, -274, -281, -399, -499, -506, -536, -543, -585, -694; T-4/FRC, -5/FRC, -93/SR, -158/FRT, -159/FRT, -171/FR, -172/FR, -173/FR, -174/FR, -175/FR, -177/FR, -190/FR; TAB; TAJ; TAQ; TBA; TBC; TBK; TBL; TBM; TBN; T80; T8U; TBW; TBX; TCB; TCC; TCE; TCH; TCK; TCP; TCS; TCY; TCZ; TDE; TDF; TDH; TDK; TDN; TDO; TEB; TEC; Collins 18S-4 (AF Model); Fisher TS 25-3; Marconi TH-41-B; Westinghouse Type MM; Wilcox 96D, 99A.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 0.5 - 4.0 in 4 bands.

Band 1: 0.50 - 0.84 Band 3: 1.41 - 2.37
Band 2: 0.84 - 1.41 Band 4: 2.37 - 4.0.

TYPE MODULATION: Am.

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

POWER OUTPUT: 15 mw into 600 ohms.

POWER REQUIREMENTS: 100 w, 110 - 120 v, 55/65 cyc, 1 phase, ac.
(In an emergency, the same power unit may be used for two receivers with a total power requirement of 160 w.)

PHYSICAL CHARACTERISTICS

Radio Receiving Equipments RBB, RBB-1 through RBB-6 measure 28-3/16 x 18-1/2 x 20-1/2 inches, net weight 166 pounds, volume 6.43 cu ft. Packed for domestic shipment: total weight 261 pounds, total volume 18.3 cu ft. Packed for export shipment: total weight 312 pounds, total volume 22.8 cu ft, 0.57 ship ton. Shipped in 2 packages both domestic and export.