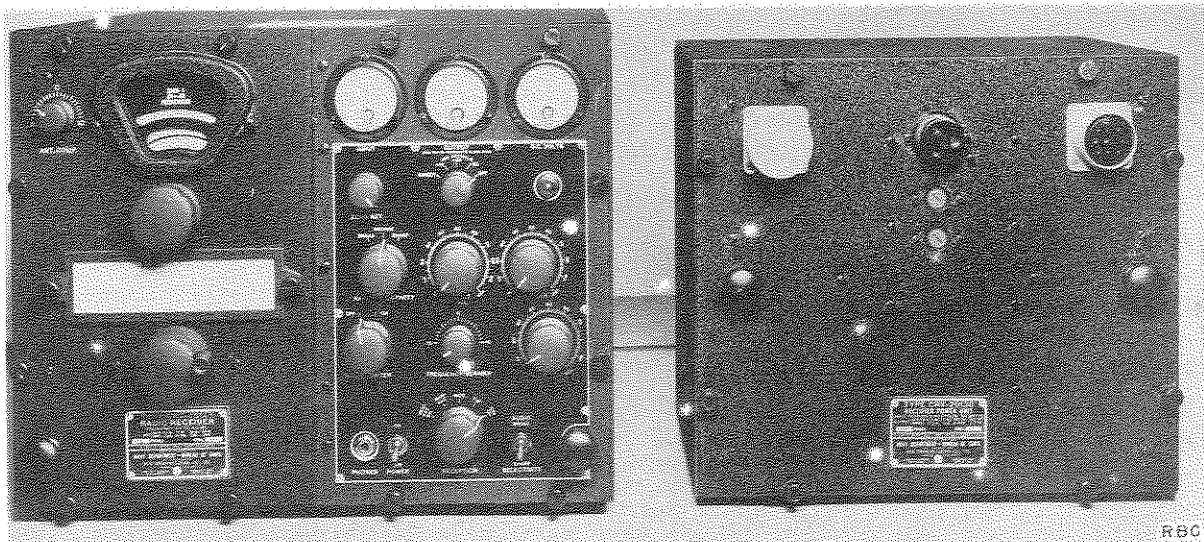


STATUS: Substitute Standard
CLASSIFICATION OF EQUIPMENT: Unclassified
USING SERVICE: Navy
DATE OF THIS SHEET: 29 Mar 52

AN/URR-TYPE

SERVICE TYPE NUMBER: RBC, RBC-1 through -6
RADIO RECEIVING EQUIPMENT



Radio Receiving Equipments RBC, RBC-1 through RBC-6 are general purpose, radiotelegraph, or radiotelephone receivers operating within the frequency band 4.0 to 27.0 mc.

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

Modifying kits are available which permit the adaptation of any RBC 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).

This equipment is often installed next to an RBB (series) receiver for continuous coverage in the 0.5 to 27.0 mc range.

A receiving antenna and headset are required but not supplied.

AN/URR-TYPE		INSTRUCTION LITERATURE: NavShips 900 477; 91101; 91469 CLASSIFICATION OF EQUIPMENT: Unclassified
RBC, RBC-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-46148, -46148-C, -46297, -46297-A	14-3/4 x 19-1/2 x 20-1/8	52
*1	Cabinet CRV-10350-A	13-31/32 x 17-9/16 x 19	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	13-31/32 x 17-1/8 x 19	Not Available
* Supplied with RBC-4. ** Supplied with RBC-4, RBC-6.			

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; AN/GRC-9, -13, -26; AN/MRC-2, -6, -16, -20, -22; AN/PRC-7, -19, -20; AN/SRT-4; AN/TRQ-1; AN/URT-2, -3, -4; AN/VRC-1, -4; BC-191, -339, -401, -447, -610; MBS; OA-60A/FRT, -60B/FRT; RC-52; SCR-177, -198, -193, -274, -399, -499, -506, -536, -543, -585, -694; T-4/FRC, -63/SR, -159/FRT, -159/FRT, -172/FR, -173/FR, -174/FR, -175/FR, -177/FR, -180/FR; TBA; TBC; TBK; TBL; TBM; TBN; TBO; TBW; TBX; TCB; TCC; TCE; TCH; TCK; TCO; TCS; TCZ; TDE; TDF; TDH; 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: 4.0 - 27.0 in 4 bands.

Band 1: 4.00 - 6.45

Band 3: 10.30 - 16.50

Band 2: 6.45 - 10.30

Band 4: 16.50 - 27.00.

TYPE MODULATION: Am.

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

POWER OUTPUT: 15mw into 600 ohms.

POWER REQUIREMENTS: 100 w, 110 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 RBC, RBC-1 through -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 305 pounds, total volume 22.8 cu ft, 0.57 ship ton. Shipped in 2 packages both domestic and export.