

STATUS: Substitute Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

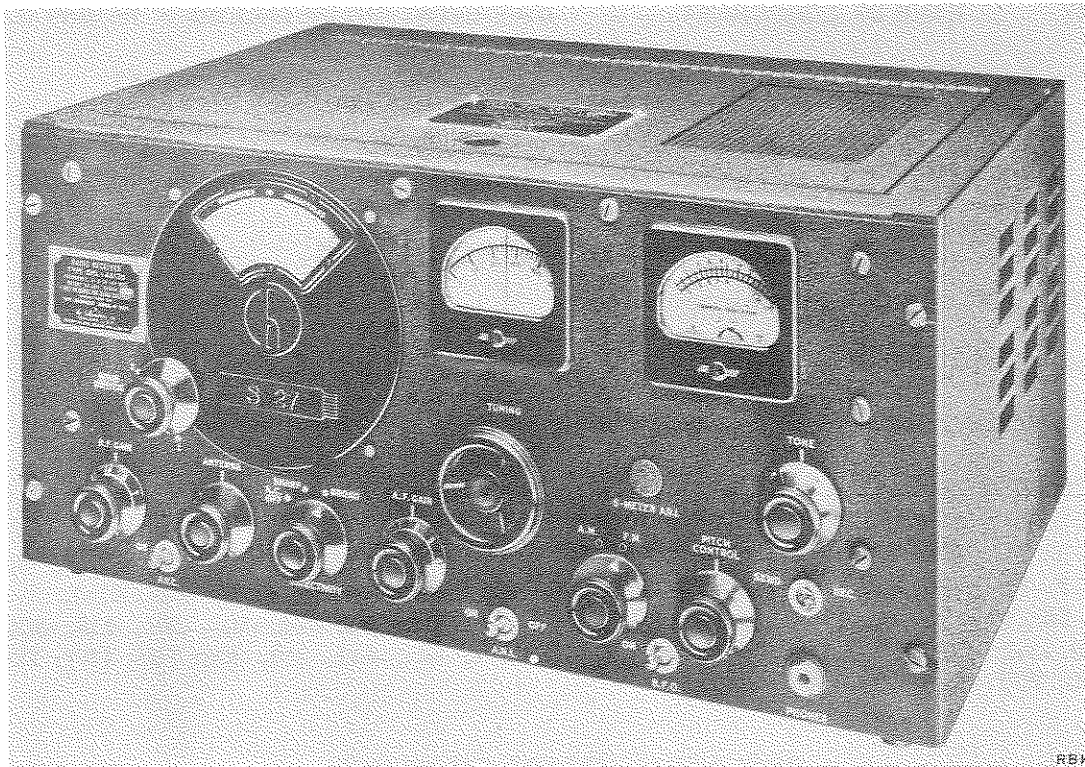
USING SERVICE: Navy

DATE OF THIS SHEET: 29 Mar 52

**AN/URR-TYPE**

SERVICE TYPE NUMBER: RBK, RBK-1, -2, -5, -7 thru 11

RADIO RECEIVING EQUIPMENT



Radio Receiving Equipments RBK and RBK-1, -2, -5, -7, -8, -9, -10, and -11 are v-h-f, general purpose radio receivers of either a-m or f-m radiotelephone and radiotelegraph signals.

These receivers are similar except that the RBK-7, -8, and -9 are equipped with a special jack for use with a panoramic adapter, and the RBK-5, -7, -8, and -9 can be operated from either 110- or 230-v a-c power sources.

Receiver disabling is provided by means of a "send-receive" switch and a special socket for connection to the control circuit of the associated transmitter.

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

<b>AN/URR-TYPE</b>	INSTRUCTION LITERATURE: NavShips 95244, 95245
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**MAJOR COMPONENTS**

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Receiver CHL-46130, -46130-A, -46130-B, -46162, 46241	9-3/8 x 19-1/8 x 14-3/16	63
1	Loudspeaker CHL-49149, or CHL-49172	9-1/4 x 10-1/4 x 7 10-7/8 x 16 x 11	Not Available 20

**OPERATIONAL CHARACTERISTICS**

TACTICAL USE: Shipboard or shore stations.

INSTALLATION: Shipborne, ground.

APPROXIMATE RANGE (IN MILES): Long.

CAN COMMUNICATE WITH: AN/ARC-1, -3, -5, -18, -28, -36; AN/CRC-2, -3; AN/FRC-6, -7, -9; AN/GRC-3, -4, -5, -6, -7, -8, -30; AN/MRC-5, -16, -22; AN/PRC-6, -8, -9, -10, -16, -17, -20; AN/TRC-1, -3, -4, -7, -8, -11, -12; AN/TRQ-1; AN/URC-4; AN/URT-7, -10; AN/VRC-1, -2, -3, -5, -7, -8, -9, -10, -13, -14, -15, -16, -17, -18, -20, -21, -22; AN/VRQ-1, -2, -3; AN/VRT-1; BC-640; MAN; MAW; MBF; MBS; MN; RC-257; SCR-177, -293, -298, -300, -508, -509, -510, -522, -528, -542, -573, -575, -608, -609, -610, -619, -624, -628, -641, -643, -808, -828; TBS; TBY; TDG; TDQ; TDT; Collins 32V-2; Wilcox 99A.

**TECHNICAL CHARACTERISTICS**

FREQUENCY RANGE IN MEGACYCLES: 27.8 - 143, in 3 bands.

Band 1: 27.8 — 46.

Band 2: 46 — 82.

Band 3: 82 — 143.

TYPE MODULATION: Am, fm.

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

POWER OUTPUT: 3 w into 500, 600, or 5,000 ohms.

POWER REQUIREMENTS: RBK, RBK-1, -2, -10, -11: 80 w, 110-125 v, 50/60 cyc, 1 phase.

RBK-5, -7, -8, -9: 80 w, 110-230 v, 50/60 cyc, 1 phase.

Battery operation: 28 w, 6.3 v and 35 w, 185 v.

**PHYSICAL CHARACTERISTICS**

Radio Receiving Equipments RBK, RBK-1, -2, -5, and -7 through -11 measure 20-1/4 x 19-1/8 x 14-3/16 inches each.