

STATUS: Limited Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Navy

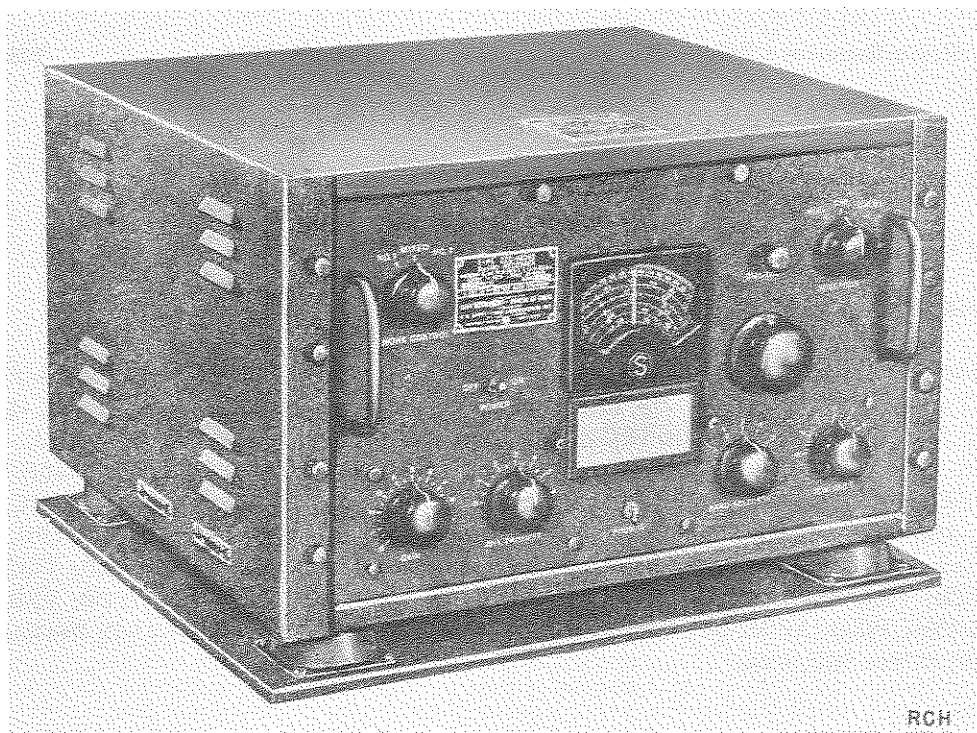
DATE OF THIS SHEET: 29 Apr 52

AN/URR-TYPE

SERVICE TYPE NUMBER:

RCH

RADIO RECEIVING EQUIPMENT



Radio Receiving Equipment RCH is a general purpose receiver of radiotelegraph or radiotelephone signals in the m-f and h-f ranges. Radiations from the internal oscillator have been reduced to a safe level, permitting operation in combat areas.

This receiver has a mounting plate and shock mounts for table top installation.

Its audio output circuit can be connected (by means of a special socket) to the output of another receiver so that listening to either receiver or to both receivers simultaneously is possible.

A single wire or balanced feed line type antenna can be used.

AN/URR-TYPE		INSTRUCTION LITERATURE: NavShips 900,339
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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Receiver CZC-46209	13-7/8 x 21 x 20-13/16	106

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shipboard or shore stations.

INSTALLATION: Shipborne, ground.

APPROXIMATE RANGE (IN MILES): Medium.

CAN COMMUNICATE WITH: AN/ARC-5, -8, -9, -21, -25; AN/ART-13; AN/CRT-3, -5; AN/FRC-10; AN/FRT-4, -5, -6, -10, -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/YRC-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; TCG; 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: 0.08 - 0.56 and 1.9 - 24.0, in 5 bands.

Band 1: 0.08 — 0.22

Band 3: 1.9 — 5.1

Band 2: 0.21 — 0.56

Band 4: 4.5 — 12.0

Band 5: 8.8 — 24.0.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Cw, mcw, voice.

POWER OUTPUT: 100 mw for 600 - or 20,000-ohm headset.
2 w for 600-ohm loudspeaker.

POWER REQUIREMENTS: 86 w, 110-125 v, 58/62 cyc, 1 phase.

PHYSICAL CHARACTERISTICS

Radio Receiving Equipment RCH measures 13-7/8 x 21 x 20-13/16.