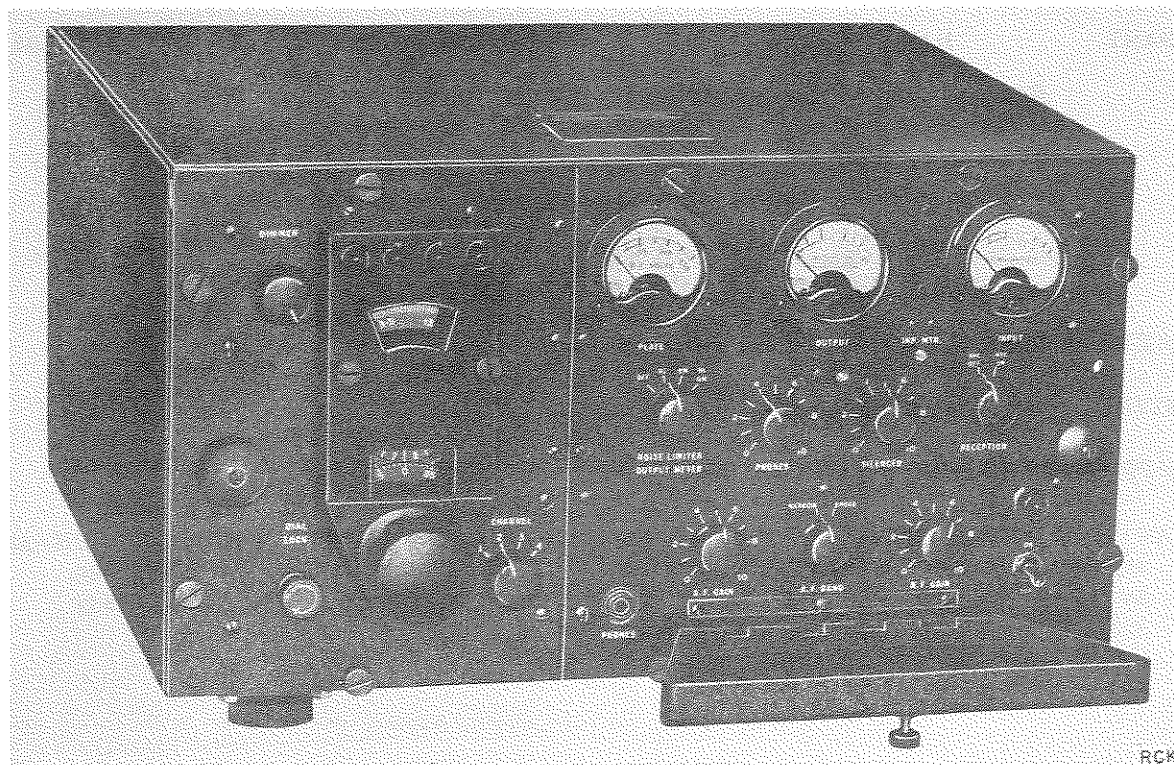


STATUS: Limited Standard
 CLASSIFICATION OF EQUIPMENT: Unclassified
 USING SERVICE: Navy
 DATE OF THIS SHEET: 14 May 52

AN/URR-TYPE

SERVICE TYPE NUMBER: RCK, RCK-a
 RADIO RECEIVING EQUIPMENT



Radio Receiving Equipments RCK and RCK-a are a-m (voice, mcw) v-h-f receivers used in conjunction with VHF Radio Transmitting Equipment TDQ on aircraft carriers and at shore stations for communicating with aircraft.

Four preset crystal-controlled channels are available, and the receivers have a high degree of stability, freedom from cross modulation and radiation, and continuous tuning by means of a single dial.

Both receivers are designed for use with a 50 ohm fixed antenna.

Reception of signals, by radio telephones or through remote control stations, is possible if a suitable power amplifier is connected between the receiver and the remote operating point.

RCK and RCK-a are identical equipments except that RCK-a has been modified to extend the upper limit of audio frequency response.

AN/URR-TYPE		INSTRUCTION LITERATURE: NavShips 900,228-1B
RCK, RCK-a	: SERVICE TYPE NUMBER	CLASSIFICATION OF EQUIPMENT: Unclassified
RADIO RECEIVING EQUIPMENT		USING SERVICE : Navy
		DATE OF THIS SHEET : 14 May 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Receiver CZC-46223 (RCK)	10-1/2 x 18-1/8 x 22-7/8	115

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Aircraft carriers and shore stations.

INSTALLATION: Shipborne, ground.

APPROXIMATE RANGE (IN MILES): Long.

CAN COMMUNICATE WITH: AN/ARC-1, -3, -5, -18, -28, -36; AN/CRC-2; AN/FRC-7; AN/GRC-30;
 AN/MRC-16, -20, -22; AN/PRC-17, -20; AN/TRC-7; AN/TRQ-1; AN/URC-4; AN/URT-7, -10;
 AN/VRC-1; BC-640; MAW; MBS; RC-257; SCR-522, -542, -573, -575, -624, -641, -643;
 TDG; TDQ; TDT; ARC Type 12; Wilcox 99A.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 115 - 156.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Voice, mcw.

POWER OUTPUT: 15 mw into 600 ohms.

POWER REQUIREMENTS: 106 w, 115 v, 60 cyc, 1 phase, ac.

PHYSICAL CHARACTERISTICS

Radio Receiving Equipments RCK, RCK-a measure 10-1/2 x 18-1/8 x 22-7/8 inches, net weight
 115 pounds.