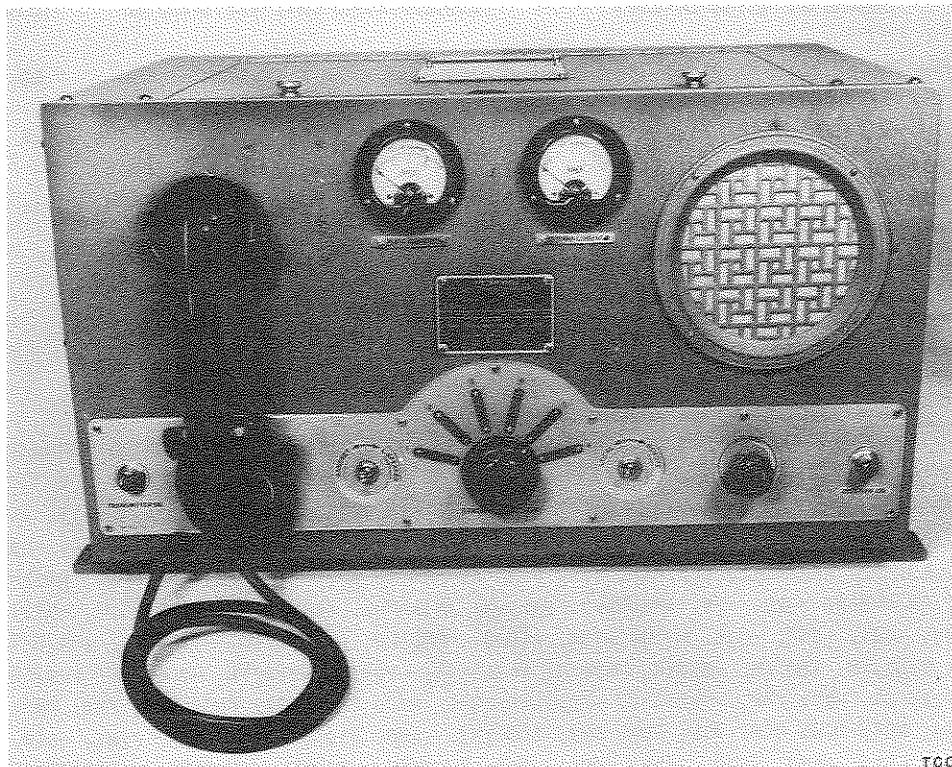


STATUS: Limited Standard
CLASSIFICATION OF EQUIPMENT: Unclassified
USING SERVICE: Navy
DATE OF THIS SHEET: 29 May 52

AN/SRC-TYPE

SERVICE TYPE NUMBER: TCO, TCO-1 through -4
RADIO TELEPHONE TRANS & REC EQUIP



Radio Telephone Transmitting and Receiving Equipments TCO, and TCO-1 through -4 are m-f, a-m (voice) medium-power radiotelephone equipments for ship-to-ship and ship-to-shore communication. A selective ringer may be added to enable a local coastal harbor station to ring a bell aboard ship on which set is installed.

Provision is made for remote operation of the transmitter-receiver after the set has been turned on, and the desired frequency selected.

Six preset crystal-controlled channels are available.

This equipment is designed to be used with either a "T", "L", or vertical rod antenna. The "T" or "L" types should be from 25 to 35 feet long.

AN/SRC-TYPE		INSTRUCTION LITERATURE: NavShips 95314; 95315
TCO, TCO-1 through -4		CLASSIFICATION OF EQUIPMENT: Unclassified
:SERVICE TYPE NUMBER		USING SERVICE : Navy
RADIO TELEPHONE TRANS & REC EQUIP		DATE OF THIS SHEET: 29 May 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN)	INSTALL ED	WEIGHT (LBS)
1	Radio Transmitter-Receiver CRM-43008, -43026, -43026-A, -43026-B	13-3/16 x 24 x 18-3/16		80
1	Power Unit CRM-21563* -21564** -21565***, -20120****, -21554*****	12-7/8 x 22 x 5		44
1	Remote Control Unit CRM-23229, -23229-A *12-v, dc operation. **32 v, dc operation. ***115-v, dc. ****230-v, dc operation. *****115-v, 60 cyc, 1 phase, ac.	10-3/8 x 13-5/8 x 5-3/8		11

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shipboard.

INSTALLATION: Shipborne.

APPROXIMATE RANGE (IN MILES): Short to medium.

CAN COMMUNICATE WITH: AN/ARC-2, -5, -8, -9, -21, -25, -26; AN/ARR-15; AN/ART-13; AN/CRT-3;
AN/FRC-10; AN/FRR-3, -4, -7, -12, -28, -32; AN/FRT-5, -6, -15, -17, -18; AN/GRC-9, -13, -26;
AN/GRR-2, -3, -5; AN/MRC-2, -6, -16, -20, -22; AN/PRC-7; AN/SRR-3, -8, -12, -13; AN/SRT-4;
AN/TRQ-1; AN/URR-10, -22, -23; AN/URT-2, -3, -4; AN/VRC-1, -4; AN/VRR-2; BC-191, -312, -339,
-342, -348, -401, -447, -610, -779, -794, -1004; MBS; MQ; OA-58/FRC, -59/FRC, -60A/FRT,
-60B/FRT; R-62/PR, -80/PR, -96/SR, -129/U, R-203/SR, -205/U, -206/PR, -208/FR, -209/FR, -210/U,
-211/U, -213/SR, -274/FRR, -320/FRC, -388/URR; RAL; RAO; RAS; RBB; RBC; RBG; RBH; RBM; RBP;
RBS; RC-52; RCF; RCG; RCH; RDE; RDH; REA; SCR-177, -188, -193, -244, -274, -281, -399, -499,
-506, -536, -543, -585, -593, -607, -694, -704; T-4/FRC, -83/SR, -158/FRT, -159/FRT, -172/FR,
-173/FR, -174/FR, -175/FR, -177/FR, -180/FR; TBA; TBC; TBK; TBL; TBM; TBN; TBO; TBU; TBW; TBX;
TCB; TCC; TCE; TCH; TCK; TCO; TCP; TCS; TCZ; TDE; TDF; TDH; TDM; TDO; TEB; TEC; TEF; AR-88(RCA);
Collins 18S-4 (AF Model); Collins 32V-2, 75A-2; Fisher TS 25-3; Hammarlund SP-600-JX; Marconi
TM-41-B; National HRO-50; Westinghouse Type MW; Wilcox 96D, 99A.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: TCO, TCO-1: 2.0 - 3.0
TCO-2, -3 and -4: 2.0 - 3.5.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Voice.

POWER OUTPUT: Transmitter: 25 w.
Receiver: 50 mw to loudspeaker.

POWER REQUIREMENTS: 345/384 w, 12/32/115/220 v, dc; or 345 w, 115 v, 60 cyc, 1 phase, ac.

PHYSICAL CHARACTERISTICS

Information on Radio Telephone Transmitting and Receiving Equipments TCO, TCO-1 through -4 not available.