

STATUS: Substitute Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Navy

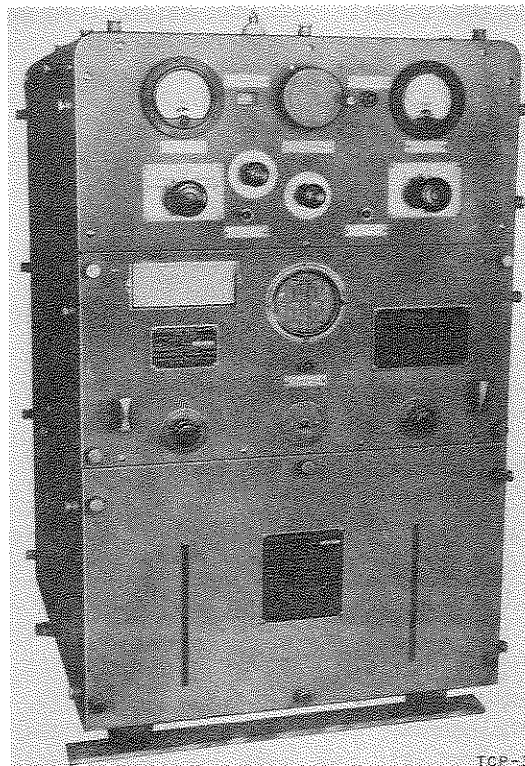
DATE OF THIS SHEET: 2 May 52

AN/SRC-TYPE

SERVICE TYPE NUMBER:

TCP-3

RADIO TELEPHONE TRANS & REC EQUIPMENT



Radio Telephone Transmitting and Receiving Equipment TCP-3 is a compact, medium-power m-f transmitter-receiver for shipboard use in ship-to-ship, and ship-to-shore radiotelephone communication.

A selective ringer may be used with this equipment to enable a shore station to signal the operator by ringing a bell aboard the ship.

Ten preset crystal-controlled transmitting and receiving channels are provided.

A single vertical-wire antenna 25 to 35 feet in length should be used.

TCP-3 is available for operation from 32, 115, or 230-v dc; or 115-v, 50/60 cyc, ac.

AN/SRC-TYPE		INSTRUCTION LITERATURE: NavShips 95318
TCP-3	SERVICE TYPE NUMBER	CLASSIFICATION OF EQUIPMENT: Unclassified
RADIO TELEPHONE TRANS & REC EQUIPMENT		USING SERVICE: Navy
		DATE OF THIS SHEET: 2 May 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (I N) INSTALLED	WEIGHT (LBS)
1	Transmitter-Receiver Unit CRM-43010-A* 43009-A**, 43061***, 43062****	37 x 20-1/8 x 22	310
1	Remote Control Unit CRM-23230	10-1/4 x 13-5/8 x 5-3/8	11
1	Line Filter Unit CRM-53086*, CRM-53085** or 53192***	10-9/16 x 9-3/8 x 3-5/8	9
	* 115-v dc. ** 32-v dc.		
	*** 230-v dc. **** 115-v, 50/60 cyc, 1 phase, ac.		

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shipboard.

INSTALLATION: Shipborne.

APPROXIMATE RANGE (IN MILES): 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, -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; RBG; RBH; RBM; RBO; RBP; RBS; RC-52;
 RCF; RCG; RCH; RDE; RDM; 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; TBX; TCB; TCC;
 TCE; TCH; TCK; TCP; TCS; TCZ; TDE; TDF; TDH; TDN; 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 TH-41-B;
 National HRO-50; Westinghouse Type MW; Wilcox 96D, 99A.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 2.0 - 3.0.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Voice.

POWER OUTPUT: Transmitter: 75 w.
 Receiver: 1 w.

POWER REQUIREMENTS: 830 w, 32 v, dc; or
 920 w, 115-230 v, dc; or
 690 w, 115 v, 50/60 cyc, 1 phase, ac.

PHYSICAL CHARACTERISTICS

Radio Telephone Transmitting and Receiving Equipment TCP-3 measures 37 x 20-1/8 x 22 inches.