

STATUS: Limited Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Navy

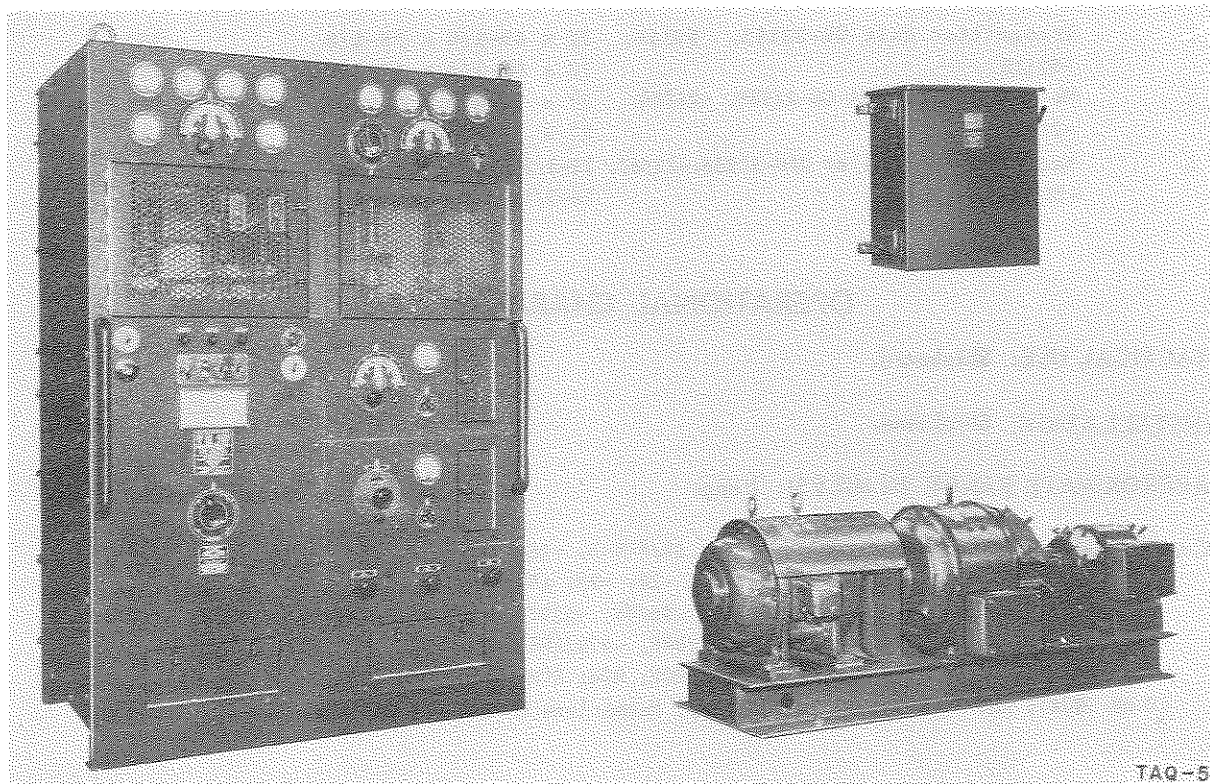
DATE OF THIS SHEET: 2 May 52

AN/SRT-TYPE

SERVICE TYPE NUMBER:

TAQ-5

2 KW TRANSMITTING EQUIPMENT



2 KW Transmitting Equipment TAQ-5 is a shipboard radio transmitter of unmodulated or modulated telegraph signals within the low frequency range.

There are four different versions of this equipment, permitting operation from either a 115-v d-c, a 230-v d-c, a 220-v a-c, or a 440-v a-c power source.

This transmitter can be operated locally, or from a remote point by means of a Navy standard 4- or 6-wire remote control unit.

AN/SRT-TYPE		INSTRUCTION LITERATURE: NavShips 900,248
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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Transmitter Unit CG-52113, -52114,	72 x 49-1/4 x 34-1/8	985
	-52115	72 x 49-1/4 x 34-1/8	1,050
1	Motor Generator Set CG-21358, -21359,	27 x 78-3/8 x 22-1/4	1,325
	-21360	27 x 71-5/8 x 22-1/4	1,185
1	Magnetic Controller CAO-21366, -21367,	22-1/2 x 13-1/2 x 14-1/2	109
	-21368, -21369	26-7/16 x 25-15/16 x 12-19/32	140

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shipboard.

INSTALLATION: Shipborne.

APPROXIMATE RANGE (IN MILES): Long.

CAN COMMUNICATE WITH: AN/ARC-5, -8; AN/FRR-4, -28; AN/GRR-2, -3; AN/MRC-20; AN/SRC-3; AN/SRR-3, -11, -12; AN/TRQ-1; AN/URR-10, -22, -23; AN/VRC-4; BC-314, -344, -348, -453, -779, -1004; MBS; OA-58/FRC; R-62/PR, -80/PR, -96/SR, -129/U, -203/SR, -205/U, -206/PR, -210/U, -211/U, -212/SR, -213/SR, -215/SR, -247/URR, -274/FRR, -320/FRC, -388/URR; RAK; RAL; RAO; RAS; RBA; RBB; RBG; RBN; RBL; RDM; RBO; RCF; RCG; RCH; RDF; RDM; SCR-177, -244, -274, -614; AR-88 (RCA); ARC Type 12; Fisher TS 25-3; Hammarlund SP-600-JX; National HRO-50.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 0.175 - 0.600.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Cw, mcw.

POWER OUTPUT: Cw: 2 kw.
Mcw: 1 kw.

POWER REQUIREMENTS: 8 kw, 440 v, 60 cyc, 3 phase, ac; or 8 kw, 220 v, 60 cyc, 3 phase, ac;
or 8.6 kw, 230 v, dc; or 8.6 kw, 115 v, dc.

PHYSICAL CHARACTERISTICS

2 KW Transmitting Equipment TAQ-5 measures 72 x 63-3/4 x 34-1/8 inches.