

STATUS: Limited Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Navy

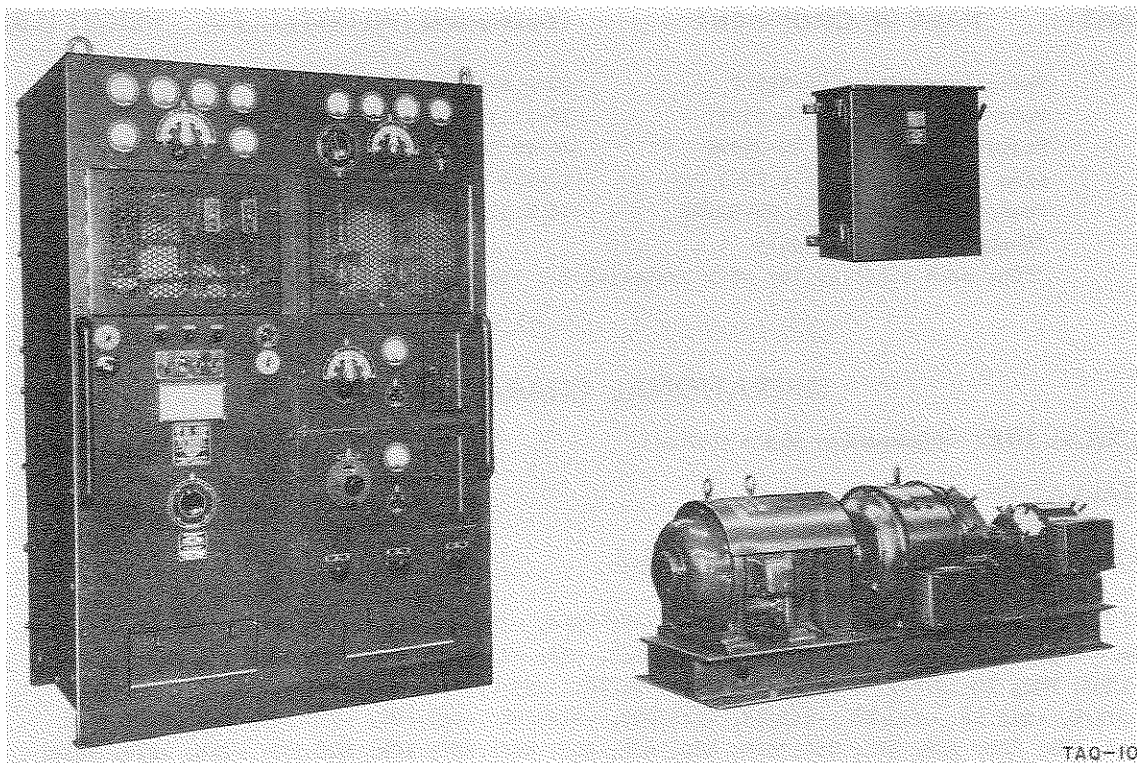
DATE OF THIS SHEET: 2 May 52

AN/URT-TYPE

SERVICE TYPE NUMBER:

TAQ-10

2 KW TRANSMITTING EQUIPMENT



2 KW Transmitting Equipment TAQ-10 is a radio transmitter of unmodulated, or modulated telegraph signals within the low frequency range.

Two different component groupings of this equipment are available depending on installation requirements.

For shipboard installation, the equipment consists of three major units, and is similar to previous TAQ series models.

For shore installation, the motor generator set and magnetic controller are duplicated, and in addition, a power transfer switch and landline control unit make the installation more flexible.

Either remote or local control of the transmitter is possible.

AN/URT-TYPE		INSTRUCTION LITERATURE: NavShips 900,549
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MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Transmitter CG-52279	72 x 49-1/4 x 34-1/8	960
**	Motor Generator Set CG-21892	26-11/16 x 71-5/8 x 21-1/2	1,200
**	Magnetic Controller CG-21896	26-15/16 x 24-7/8 x 10-7/8	100
*1	Land Line Control Unit CG-23269	42-1/8 x 24 x 14-1/2	165
*1	Power Transfer Switch CG-24092	16 x 12-1/2 x 9-1/4	26

*Shore installation only.

**One each supplied for ship installation, two each for shore installation.

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shipboard or shore stations.

INSTALLATION: Shipborne, ground.

APPROXIMATE RANGE (IN MILES): Extended.

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; RBH; RBL; RBM; 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, 220 v, 60 cyc, 3 phase, ac.

PHYSICAL CHARACTERISTICS

2 KW Transmitting Equipment TAQ-10 for shore installation measures 72 x 74-1/8 x 34-1/8 inches.