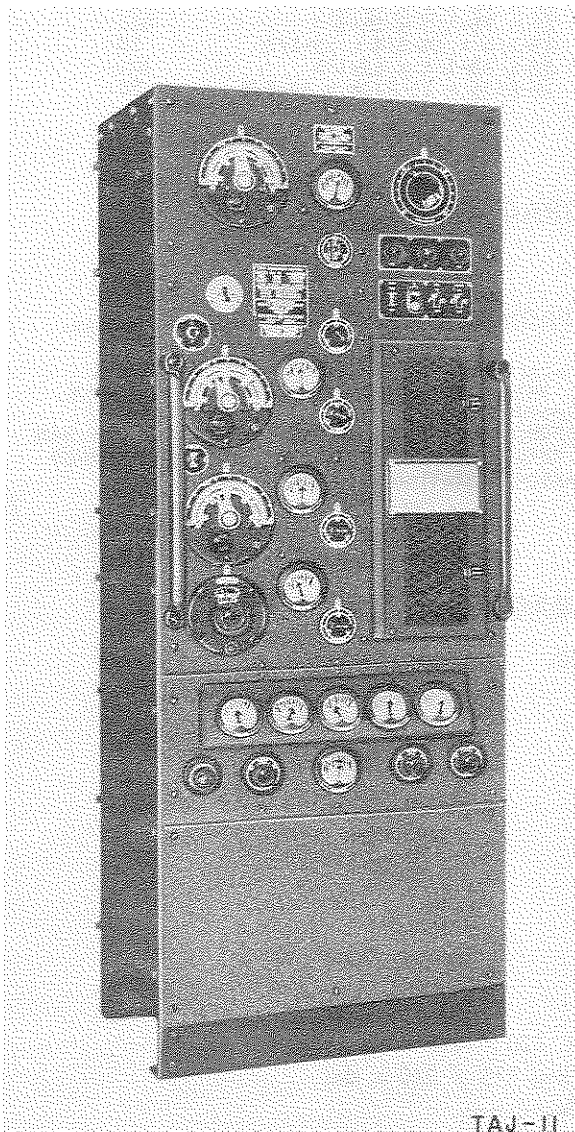


STATUS: Limited Standard
 CLASSIFICATION OF EQUIPMENT: Unclassified
 USING SERVICE: Navy
 DATE OF THIS SHEET: 29 May 52

AN/SRT-TYPE

SERVICE TYPE NUMBER: TAJ-11, -12, -14, -15, -18, -19
 500 WATT TRANSMITTING EQUIPMENT



500 Watt Transmitting Equipments TAJ-11, -12, -14, -15, -18, -19 are general purpose, m-f, medium power a-m (cw, mcw) radiotelegraph transmitters for shipboard use. The transmitters may be operated locally, or remotely over a standard four- or six- wire control system.

These equipments employ continuously variable master oscillator frequency control. They may be relay keyed at speeds up to 100 wpm on cw and vacuum tube keyed at speeds up to 50 wpm.

The type of transmitter and power equipment employed is dependent upon power source available.

AN/SRT-TYPE	INSTRUCTION LITERATURE: NavShips 900,863; 900,833; 900,492-1B
	CLASSIFICATION OF EQUIPMENT:Unclassified
TAJ-11, -12, -14, -15, -18, -19 :SERVICE TYPE NUMBER	USING SERVICE : Navy
500 WATT TRANSMITTING EQUIPMENT	DATE OF THIS SHEET : 29 May 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Transmitter CG-52240, -52240-A, -52241, -52241A, CRR-52259, -52260	74 x 27 x 25 74 x 27 x 25	540 540
1	Motor-Generator Set CG-21756, -21756A, -21757, -21757A, -21759, -21956, -21783, -21784, -21785	20 x 76-1/2 x 19-3/4 20 x 76-1/2 x 19-3/4 20 x 76-1/2 x 18-3/4	960 1,040 850
1	Magnetic Controller CAO-21752, -21753, CG-21754, -21755, CAE-21874, -21875, CG-211086, -211087, -211088, -211089	29-3/4 x 14-1/4 x 13-1/4 22 x 19-1/4 x 12-1/4 17-5/16 x 11-9/16 x 10-5/8	70 101 55

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shipboard.

INSTALLATION: Shipborne.

APPROXIMATE RANGE (IN MILES): Medium.

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 - 0.60.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Cw, mcw.

POWER OUTPUT: 500 w on cw, 250 w on mcw.

POWER REQUIREMENTS: TAJ-11, -12, -14, -18, -19: 220 / 440 v, 60 cyc,
3 phase, ac; or 3.2/3.46 kw, 115 / 230 v, dc.
TAJ-15: 3.40 kw, 230 v dc.

PHYSICAL CHARACTERISTICS

Information on 500 Watt Transmitting Equipments TAJ-11, -12, -14, -15, -18, -19 not available.