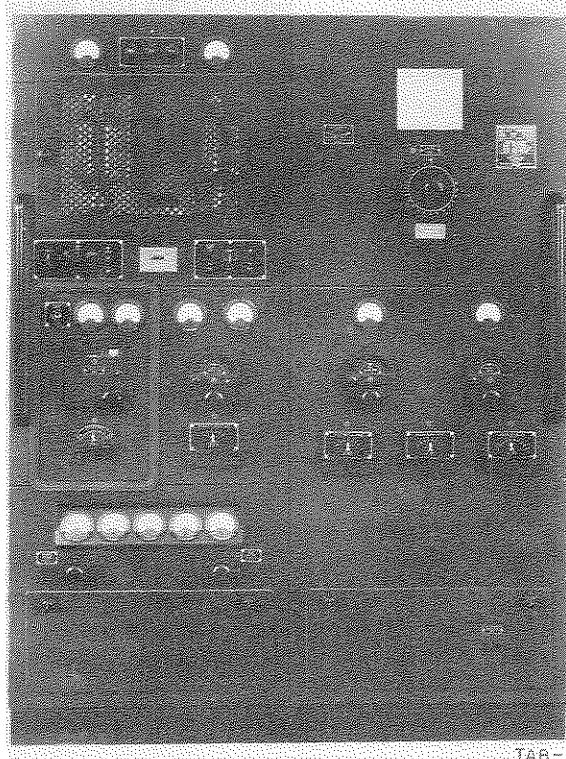


STATUS: Substitute Standard	AN/FRT-TYPE	
CLASSIFICATION OF EQUIPMENT: Unclassified		
USING SERVICE: Navy		SERVICE TYPE NUMBER: TAB-5
DATE OF THIS SHEET: 2 May 52		2 KW TRANSMITTING EQUIPMENT



TAB-5

2 KW Transmitting Equipment TAB-5 is a medium-power, fixed station transmitter of radiotelegraph signals within the l-f and m-f range 0.1 to 0.555 mc.

Two motor generator sets, two magnetic controllers, and an a-c power transfer panel are supplied to provide operational and stand-by equipment.

The TAB-5 can be operated either locally or from a remote point over a single telephone pair.

It starts when the telegraph key is operated and automatically shuts down 30 seconds after keying is stopped.

Its antenna selector switch makes possible a quick change from one transmitting antenna to another when two antennas are used to cover the frequency range.

AN/FRT-TYPE	INSTRUCTION LITERATURE: NavShips 95287
	CLASSIFICATION OF EQUIPMENT: Unclassified
TAB-5	SERVICE TYPE NUMBER
2 KW TRANSMITTING EQUIPMENT	
USING SERVICE: Navy	
DATE OF THIS SHEET: 2 May 52	

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Transmitter CAY-52164, -52165	76 x 57-1/2 x 37	1,065
1	Land Line Control Unit CAY-23216, -23217	20-11/16 x 20-7/16 x 10-3/4	54
1	AC Power Transfer Panel CAY-24084, -24084-A	39-13/16 x 20-1/4 x 11	77
2	Motor Generator Set CAY-21503, CC-21507	25-5/16 x 72-1/2 x 22	2,450

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shore stations.

INSTALLATION: Ground.

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/FR, -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; TDM; 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: 0.1 - 0.555.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Cw, mcw.

POWER OUTPUT: Cw: 2 kw.
Mcw: 1 kw.POWER REQUIREMENTS: 7.2 kw, 220 v, 60 cyc, 3 phase or
7.2 kw, 220 v, 25 cyc, 3 phase or
7.2 kw, 440 v, 25 cyc, 3 phase.**PHYSICAL CHARACTERISTICS**

2 KW Transmitting Equipment TAB-5 measures 76 x 57-1/2 x 37 inches, net weight 4,020 pounds.
Packed for domestic shipment: total weight 5,350 pounds, total volume 223.49 cu ft, 5.6 ship tons.
Shipped in 10 packages.