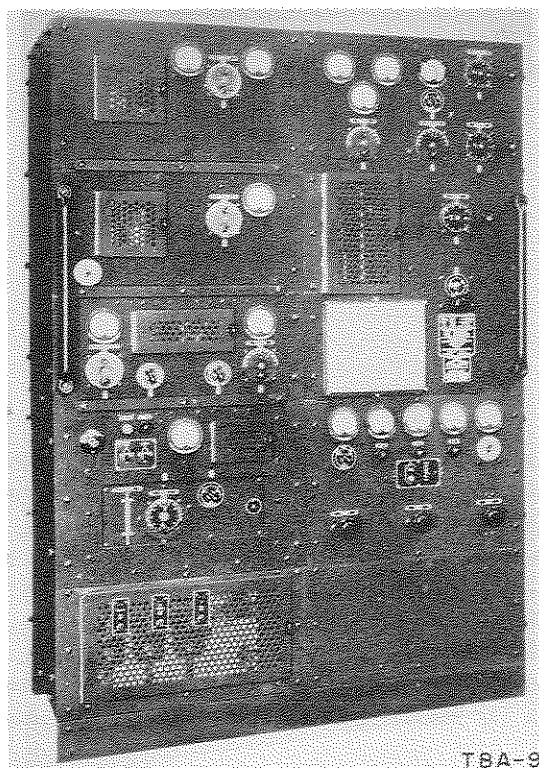


STATUS: Limited Standard
CLASSIFICATION OF EQUIPMENT: Unclassified
USING SERVICE: Navy
DATE OF THIS SHEET: 29 Apr 52

AN/SRT-TYPE

SERVICE TYPE NUMBER: TBA-9
RADIO TRANSMITTING EQUIPMENT



TBA-9

Radio Transmitting Equipment TBA-9 is a medium power, ship-to-shore, h-f, radiotelegraph transmitter.

It may be keyed at speeds up to 100 wpm throughout its frequency range.

A single vertical-wire antenna is recommended for this transmitter.

This equipment can be operated from a remote location with a standard four- or six-wire Navy control unit.

Frequency control is by means of a continuously variable oscillator.

AN/SRT-TYPE		INSTRUCTION LITERATURE: NavShips 900,454
TBA-9	SERVICE TYPE NUMBER	CLASSIFICATION OF EQUIPMENT: Unclassified
RADIO TRANSMITTING EQUIPMENT		USING SERVICE: Navy
		DATE OF THIS SHEET: 29 Apr 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Transmitter CG-52281	72 x 49 x 31-1/8	1,044
2	Motor Generator Set CG-21899	19-15/16 x 71-5/16 x 16-5/8	820
2	Magnetic Controller CG-21898	23-7/8 x 21-7/16 x 9-1/16	74

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shipboard.

INSTALLATION: Shipborne.

APPROXIMATE RANGE (I N MILES): Long.

CAN COMMUNICATE WITH: AN/ARC-2, -5, -8, -9, -21, -23, -26; AN/ARR-15; AN/FRC-10; AN/FRR-3, -4, -12, -28, -32; AN/GRC-3, -4, -9, -13, -26; AN/GRR-2, -3, -5; AN/HRC-2, -6, -16, -22; AN/PRC-7, -8, -19, -20; AN/SRR-3, -8, -12, -13; AN/TRQ-1; AN/URR-10, -22, -23; AN/VRC-1, -5, -8, -13, -16, -20; AN/VRQ-1; BC-312, -342, -348, -779, -794, -1004; MBS; OA-58/FRC, -59/FRC; 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; RBC; RBG; RBH; RBM; RBO; RBP; RBS; RCF; RCG; RCH; RDE; RDM; REA; SCR-177, -188, -193, -244, -274, -293, -294, -298, -399, -499, -506, -508, -509, -510, -528, -536, -543, -585, -593, -694, -704; TBO; TBX; TCH; TCO; TCS; AR-88 (RCA); Collins 18S-4 (AF Model); Collins 75A-2; Hammarlund SP-600-JX; National HRO-50.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 4.0 - 26.0.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Cw, icw.

POWER OUTPUT: 1 kw.

POWER REQUIREMENTS: 4.6 kw, 440 v, 60 cyc, 3 phase, ac.

PHYSICAL CHARACTERISTICS

Radio Transmitting Equipment TBA-9 measures 72 x 49 x 31-1/8 inches, net weight 3,174 pounds, volume 80.1 cu ft, 2 ship tons. Packed for domestic shipment: total weight 5,374 pounds, total volume 99 cu ft, 2.47 ship tons. Shipped in 11 packages.