

STATUS: Limited Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Navy

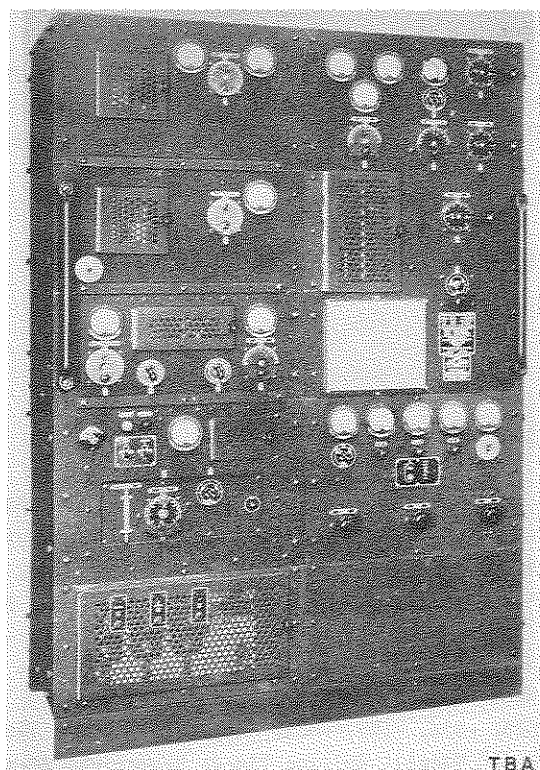
DATE OF THIS SHEET: 29 Apr 52

AN/SRT-TYPE

SERVICE TYPE NUMBER:

TBA

RADIO TRANSMITTING EQUIPMENT



TBA

Radio Transmitting Equipment TBA is a medium power h-f ship-to-shore and ship-to-ship radio-telegraph transmitter for use on large surface vessels.

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

Sixteen crystal-controlled channels are provided.

A single-wire antenna is recommended for frequencies between 4.0 to 8.0 mc, either a single-wire or a horizontal doublet type is recommended at frequencies above 8.0 mc.

AN/SRT-TYPE		INSTRUCTION LITERATURE: NavShips 95289
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RADIO TRANSMITTING EQUIPMENT		DATE OF THIS SHEET: 29 Apr 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Transmitter CG-4613	72 x 49 x 33-5/32	1,010
1	Motor Generator Set CG-12A396	23-11/16 x 80-1/4 x 23-3/8	1,660
1	Magnetic Controller CG-4615	23-3/4 x 16-1/2 x 13-11/16	72
1	Filter Unit CG-4614	25-1/8 x 15-1/8 x 6-3/16	82

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shipboard.

INSTALLATION: Shipborne.

APPROXIMATE RANGE (IN MILES): Medium to long.

CAN COMMUNICATE WITH: AN/ARC-2, -5, -8, -9, -21, -25, -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/MRC-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 183-4 (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: At 4 mc: 1 w; at 26 mc: 600 w.

POWER REQUIREMENTS: 6.3 kw, 230 v, dc.

PHYSICAL CHARACTERISTICS

Radio Transmitting Equipment TBA measures 72 x 49 x 33-5/32 inches, net weight 2,828 pounds.