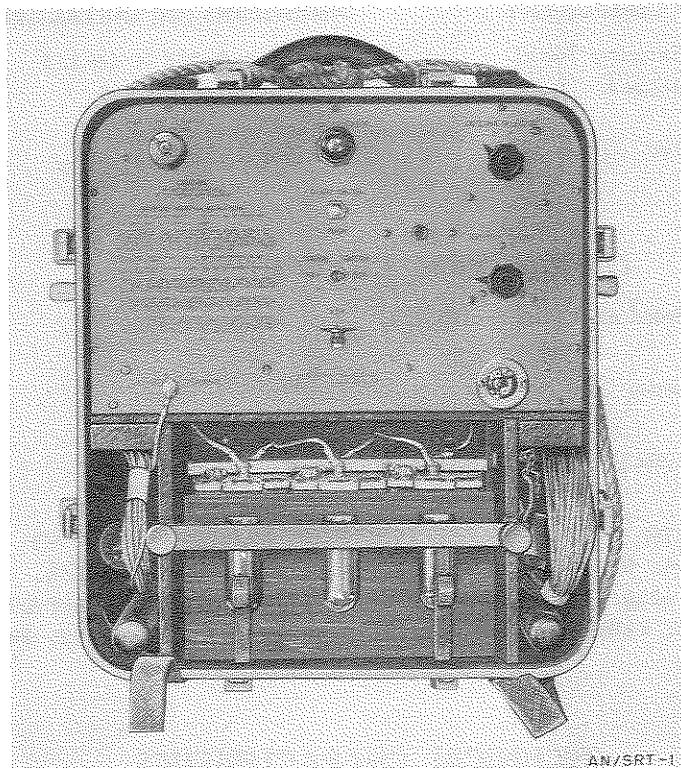


STATUS: Standard
 CLASSIFICATION OF EQUIPMENT: Unclassified
 USING SERVICE: Army, Navy
 DATE OF THIS SHEET: 8 Jan 52

AN/SRT-1

RADIO TRANSMITTING SET



Radio Transmitting Set AN/SRT-1 is a compact, fixed-frequency, single-channel, a-m radio ~~receiver~~^{transmitter} designed for operation in the distress-frequency band by means of c-w and i-c-w signals. It is designed to be carried on shipboard for use in life-saving rafts and similar craft but may be used for emergency c-w communication.

This equipment consists of a radio ~~receiver~~^{transmitter} having a built-in telegraph key (for manual code transmission). It includes a 6-v storage battery, conventional and phantom antenna, and related accessories.

This set can be arranged for automatic transmission of SOS signals, plus a long dash, 6 times in 2 minutes, and will then shut down. Can be operated once each hour for 48 hours without recharge of battery.

AN/SRT-1	INSTRUCTION LITERATURE: TM 11-830
	CLASSIFICATION OF EQUIPMENT: Unclassified
	USING SERVICE: Army, Navy
RADIO TRANSMITTING SET	DATE OF THIS SHEET: 8 Jan 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Battery Charging Panel	20-1/4 x 8-1/4 x 14-1/2	16
1	Battery BB-54-A	3-31/32 x 5-1/2 x 3	4.50
1	Rope	480 (long)	1.75
2	Antenna Wire	600 (long)	1.875

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shipboard or rescue craft.

INSTALLATION: Shipborne.

APPROXIMATE RANGE (IN MILES): 50 to 100.

CAN COMMUNICATE WITH: AN/ARC-5, -8; AN/MRC-20; AN/SRC-3; AN/SRR-3, -11, -12; AN/TRQ-1; AN/URR-23; AN/VRC-4; BC-314, -344, -348, -453, -779; MBS; R-62/PR, -96/SR, -129/U, -203/SR, -206/PR, -210/U, -211/U, -212/SR, -213/SR, -215/SR, -247/URR, -388/URR; RAK; RAL; RAS; RBA; RBB; RBH; RBL; RBM; RCH; RDF; SCR-177; ARC Type 12; National HRO-50.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 0.5.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Cw and icw.

POWER OUTPUT: 5 w.

POWER REQUIREMENTS: 6 v (16 amp) dc (storage battery).

PHYSICAL CHARACTERISTICS

Radio Transmitting Set AN/SRT-1 measures 18 x 16 x 12 inches, net weight 60 pounds, volume 2 cu ft. Packed for domestic shipment: total weight 150 pounds, total volume 10.3 cu ft. Packed for export shipment: total weight 190 pounds, 11.46 cu ft. Shipped in 2 packages both domestic and export.