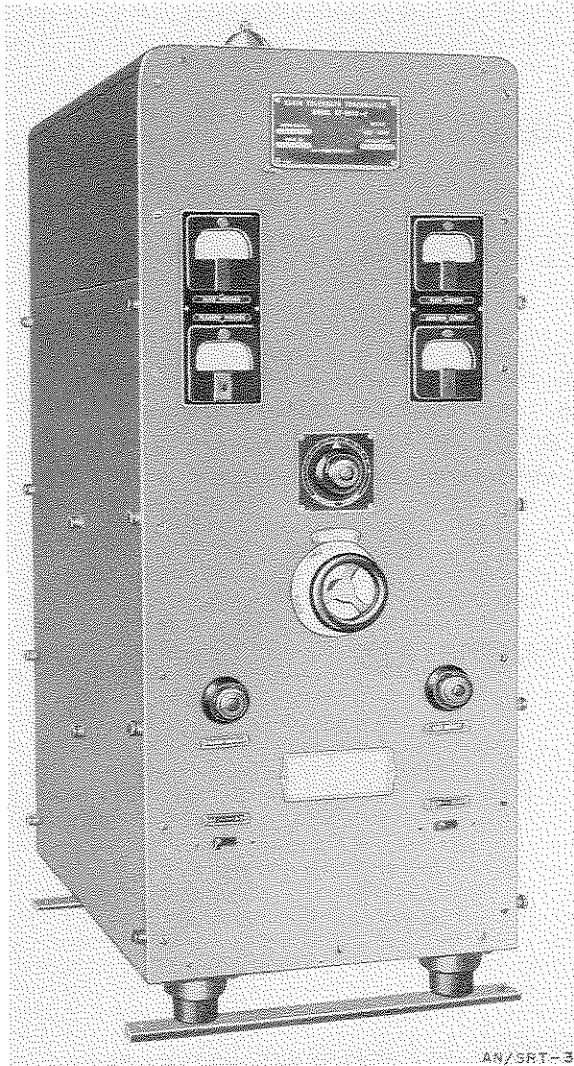


STATUS: Standard
CLASSIFICATION OF EQUIPMENT: Unclassified
USING SERVICE: Army
DATE OF THIS SHEET: 8 Jan 52

AN/SRT-3

RADIO TRANSMITTING SET



Radio Transmitting Set AN/SRT-3 is a medium-power, medium-range, crystal-controlled a-m (cw and mcw) transmitting equipment for ship-to-ship and ship-to-shore communication in the intermediate-frequency range.

This equipment consists of a floor-type transmitting assembly which is fitted with shock-mountings and includes a motor generator, plus associated components.

It can be used in emergencies by adding an emergency panel and a small dynamotor.

Operates in eight preset frequency channels and uses the normal ship's antenna system.

AN/SRT-3	INSTRUCTION LITERATURE: None
	CLASSIFICATION OF EQUIPMENT: Unclassified
RADIO TRANSMITTING SET	USING SERVICE: Army
	DATE OF THIS SHEET: 8 Jan 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Motor Generator	14-1/8 x 27-3/4 x 9-3/4	225
1	Transmitter	44-3/4 x 17-3/8 x 28-3/4	200

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shipboard.

INSTALLATION: Fixed station.

APPROXIMATE RANGE (IN MILES): Medium.

CAN COMMUNICATE WITH: AN/ARC-5, -8; AN/GRR-3; AN/MRC-20; AN/SRC-3; AN/SRR-3, -11, -12; AN/TRQ-1; AN/URR-23; AN/VRC-4; BC-314, -344, -349, -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: 0.35 - 0.515.

TYPE MODULATION: Am.

TYPE OF SIGNAL: cw, and mcw.

POWER OUTPUT: Mcw: 300 w; cw: 200 w.

POWER REQUIREMENTS: 1,300 w, 150/230 v, dc; 220/440 v, (4.5 amp) 60 cyc, 3 phase, ac.

PHYSICAL CHARACTERISTICS

Radio Transmitting Set AN/SRT-3 measures 45-3/16 x 17-3/4 x 29, net weight 425 pounds.