

STATUS: Standard

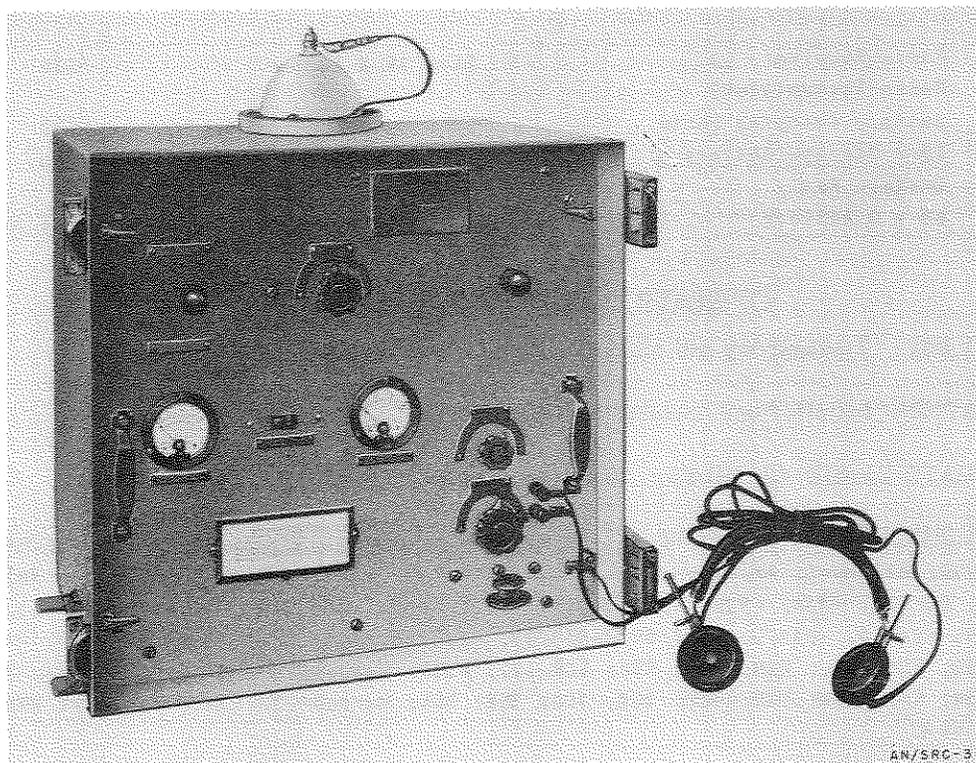
CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army, Navy

DATE OF THIS SHEET: 15 Feb 52

AN/SRC-3

RADIO SET



Radio Set AN/SRC-3 is a crystal-controlled, fixed frequency, transmitting and receiving equipment which operates in the distress-frequency range for a-m (cw) communication from lifeboats.

This equipment consists of a single unit containing transmitting and receiving components and includes a charging panel, batteries, and headphones.

It can be used for distress (SOS) signaling or for emergency cw communication by means of the telegraph hand key on the front panel. It uses a conventional long-wire type of antenna.

Power is furnished by 1 storage battery and a 45-v dry cell.

AN/SRC-3	INSTRUCTION LITERATURE: None
	CLASSIFICATION OF EQUIPMENT: Unclassified
RADIO SET	USING SERVICE : Army, Navy
	DATE OF THIS SHEET : 15 Feb 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Receiver)	21 x 18 x 22	110
1	Radio Transmitter)		
1	Battery Charging Panel	12 x 12 x 8	9
2	12-v Storage Battery & Battery Box	19-3/4 x 33-3/8 x 12	330
1	45-v B Battery	Not Available	Not Available

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Transmitting and receiving signals from lifeboat.

INSTALLATION: Installed and operated in lifeboat.

APPROXIMATE RANGE (IN MILES): Short and medium.

CAN COMMUNICATE WITH: AN/ARC-5, -9; AN/ART-13; AN/CRT-3, -5; AN/FRT-19; AN/GRT-2; AN/MRC-20; AN/SRC-3; AN/SRR-3, -11, -12; AN/SRT-1, -3; AN/TRQ-1; AN/URR-23; AN/URT-2, -3, -4; BC-191, -314, -329, -344, -348, -365, -453; MBS; R-62/PR, -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, -274; T-5/FRC, -171/FR; TAB; TAJ; TAQ; TBL; TBN; TBU; TBW; TCE; TCY; TCZ; TDD; TDE; TDK; Marconi TH-41-B; National HRO-50; Wilcox 99A.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: Transmitter: 0.5.
Receiver : 0.35 - 0.55.

TYPE MODULATION: Am.

TYPE OF SIGNAL: lcw and cw.

POWER OUTPUT: 50 w.

POWER REQUIREMENTS: 2 each 12-v storage batteries and one 45-v B battery.

PHYSICAL CHARACTERISTICS

Information on Radio Set AN/SRC-3 not available.