

STATUS: Limited Standard

CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Army

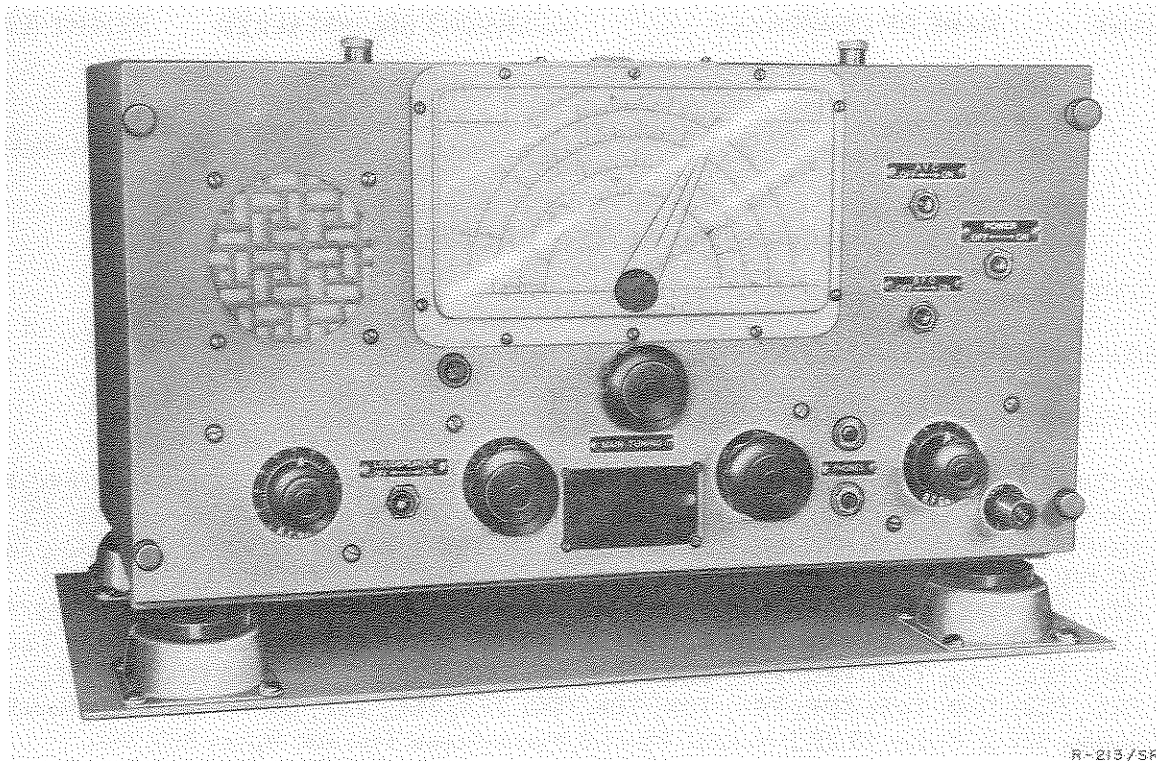
DATE OF THIS SHEET: 22 Jan 52

AN/SRR-TYPE

AN/COMP TYPE NUMBER:

R-213/SR

RADIO RECEIVER



Radio Receiver R-213/SR is a transportable, a-m (voice, tone, and cw) receiving equipment used for communication in the low-, medium-, and high-frequency bands in shipborne and similar marine applications or in fixed land stations.

This equipment is a self-contained, table model radio receiver inclosed in a metal cabinet and provided with a shock mount. It has a built-in loudspeaker and jacks for high- or low- impedance headphones and is provided with a beat-frequency oscillator, automatic or manual volume control, and electrical band-spread tuning.

Operates in four frequency bands and uses a doublet or other suitable antenna array.

Can be operated from either a-c or d-c power.

AN/SRR-TYPE		INSTRUCTION LITERATURE: None
R-213/SR	:AN/COMP TYPE NUMBER	CLASSIFICATION OF EQUIPMENT: Unclassified
RADIO RECEIVER		USING SERVICE : Army
		DATE OF THIS SHEET : 22 Jan 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio receiver	11-3/4 x 21 x 13-1/16	63
1	Line filter unit	7-1/4 x 6-7/8 x 3-5/8	5
1	External resistor unit	Not Available	Not Available

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Primarily shipboard.

INSTALLATION: Shipboard or fixed station.

APPROXIMATE RANGE (IN MILES): Medium-long.

CAN COMMUNICATE WITH: AN/ARC-2, -5, -8, -9, -21, -25; AN/ART-13; AN/CRT-3, -5; AN/FRC-10; AN/FRT-5, -6, -15, -17, -18, -19; AN/GRC-9, -13, -26; AN/GRT-2; AN/MRC-2, -6, -16, -20, -22; AN/PRC-7, -19, -20; AN/SRC-3; AN/SRT-1, -3, -4; AN/TRQ-1; AN/URT-2, -3, -4; AN/VRC-1, -4; BC-191, -329, -339, -365, -401, -447, -610; MBS; MQ; OA-60/FRT; RC-52; SCR-177, -188, -193, -274, -281, -399, -499, -506, -536, -543, -585, -694; T-4/FRC, -5/FRC, -83/SR, -158/FRT, -159/FRT, -171/FR, -172/FR, -173/FR, -174/FR, -175/FR, -177/FR, -180/FR; TAB; TAJ; TAQ; TBA; TBC; TBK; TBL; TBM; TBN; TBO; TBU; TBW; TBX; TBY; TCB; TCC; TCE; TCH; TCK; TCP; TCS; TCY; TCZ; TDD; TDE; TDF; TDH; TDK; TDN; TDO; TEB; TEC; TEF; Collins 18S-4 (AF Model); Collins 32V-2; Fisher TS 25-3; Marconi TH-41-B; Westinghouse Type MW; Wilcox 96D, 99A.

TECHNICAL CHARACTERISTICS**FREQUENCY RANGE IN MEGACYCLES:**

Band 1: 0.21 — 0.55	Band 3: 5.2 — 12.0
Band 2: 1.90 — 5.40	Band 4: 11.5 — 25.0.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Cw, tone, voice.

POWER REQUIREMENTS: 45 w, 115 v ac or dc.
90 w, 250 v ac or dc w/325-ohm, 75-w external resistor unit.

PHYSICAL CHARACTERISTICS

Radio Receiver R-213/SR measures 11-3/4 x 21 x 13-1/16 inches, net weight 68 pounds, volume 2.2 cu ft. Packed for domestic shipment: total weight 100 pounds, total volume 4.5 cu ft.