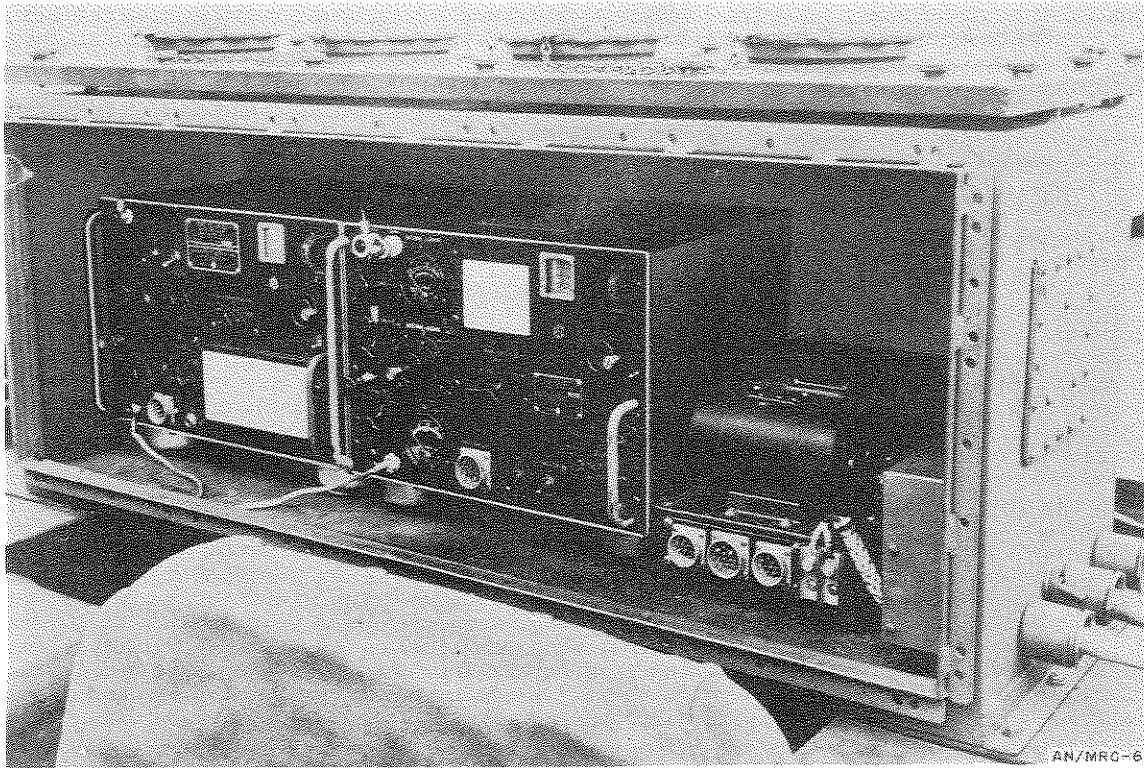


STATUS: Standard
 CLASSIFICATION OF EQUIPMENT: Unclassified
 USING SERVICE: Navy
 DATE OF THIS SHEET: 23 May 52

AN/MRC-6

RADIO SET



Radio Sets AN/MRC-6, -6A, and -6B are am (cw, voice) mobile communications equipments for internal security and field use. They consist primarily of a 1/4 ton truck (jeep), Radio Transmitting and Receiving Equipment TCS (or similar), submersible cabinet, a remote control unit, and accessories.

Radio Sets AN/MRC-6, -6A, -6B are functionally similar although components and type numbers vary.

The AN/MRC-6A and -6B use Radio Transmitter-Receiver Assembly OA-26A/MRC in place of the TCS.

The AN/MRC-6B includes an additional power generator operating off the vehicle engine and 2 additional storage batteries.

AN/MRC-6	INSTRUCTION LITERATURE: NavShips 91308, 95319
	CLASSIFICATION OF EQUIPMENT: Unclassified
RADIO SET	USING SERVICE: Navy
	DATE OF THIS SHEET: 23 May 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN)	INSTALLED	WEIGHT (LBS)
1	Radio Transmitter-Receiver Assembly OA-26A/MRC-6	Not Available		Not Available
1	Installation Kit MX-566A/MRC	"	"	"
1	Truck V-35/U	"	"	"
1	Power Supply Kit MX-736A/MR	"	"	137
2	Battery BB-221/U	10-5/8 x 7-7/8 x 12-11/16		30

The above components apply to the AN/MRC-6B only.

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Mobile shore facilities.

INSTALLATION: Mobile.

APPROXIMATE RANGE (IN MILES): Short.

CAN COMMUNICATE WITH: AN/ARC-2, -5, -8, -9, -21, -25, -26; AN/ARR-15; AN/ART-13; AN/CRT-3; AN/FRC-10; AN/FRR-3, -4, -7, -12, -28, -32; AN/FRT-5, -6, -15, -17, -18; AN/GRC-9, -13, -26; AN/GRR-2, -3, -5; AN/MRC-2, -6, -16, -20, -22; AN/PRC-7, -19, -20; AN/SRR-3, -8, -12, -13; AN/SRT-4; AN/TRQ-1; AN/URR-10, -22, -23; AN/URT-2, -3, -4; AN/VRC-1, -4; AN/VRR-2; BC-191, -312, -314, -339, -342, -344, -348, -401, -447, -610, -779, -794, -1004; MBS; MQ; OA-58/FRC, -59/FRC, -60A/FRT, -60B/FRT; R-62/PR, -80/PR, -96/SR, -129/U, -203/SR, -205/U, -206/PR, -209/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; RC-52; RCF; RCG; RCH; RDE; RDM; REA; SCR-177, -188, -193, -244, -274, -281, -399, -499, -506, -536, -543, -585, -593, -607, -694, -704; T-4/FRC, -83/SR, -158/FRT, -159/FRT, -172/FR, -173/FR, -174/FR, -175/FR, -177/FR, -180/FR, TBA; TBC; TBK; TBL; TBM; TBN; TBO; TBU; TBW; TBX; TCB; TCC; TCE; TCH; TCK; TCO; TCP; TCS; TCZ; TDE; TDF; TDH; TDN; TDO; TEB; TEC; TEF; AR-88 (RCA); Collins 18S-4 (AF Model); Collins 32V-2, 75A-2; Fisher TS 25-3; Hammarlund SP-600-JX; Marconi TH-41-B; National HRC-50; Westinghouse Type MW; Wilcox 96D, 99A.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 1.5- 12.0 continuously variable, in three bands.
 Band 1: 1.5 - 3.0 Band 2: 3.0 - 6.0 Band 3: 6.0 - 12.0.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Cw, voice.

POWER OUTPUT: Transmitter: 25 w cw, 10w voice.
 Receiver: 2.5w audio.

POWER REQUIREMENTS: Radio equipment obtains power from storage batteries connected to the vehicle's electrical system.

PHYSICAL CHARACTERISTICS

Information on Radio Set AN/MRC-6, -6A, -6B not available.