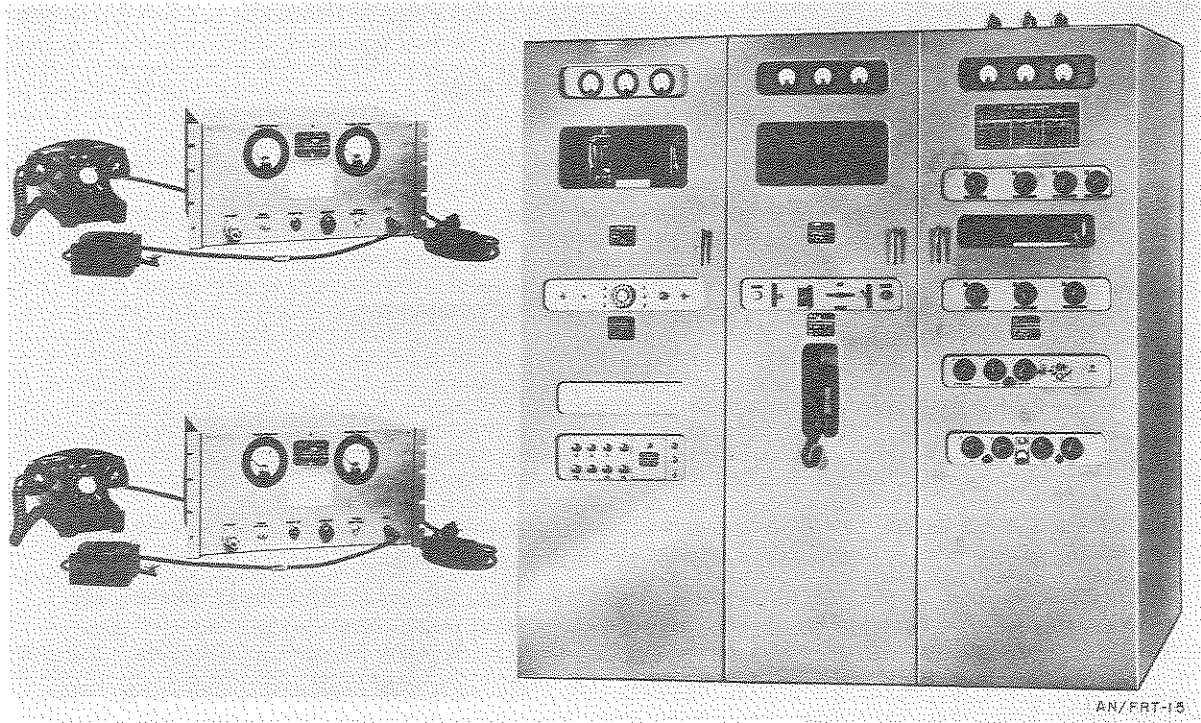


STATUS: Standard  
CLASSIFICATION OF EQUIPMENT: Unclassified  
USING SERVICE: Navy  
DATE OF THIS SHEET: 9 Jun 52

**AN/FRT-15**

RADIO TRANSMITTING SET



Radio Transmitting Set AN/FRT-15 is a general service, medium-power, am (cw, mcw, voice, frequency shift keying, facsimile) transmitter for shore-station use.

This equipment provides telephone dial-type, automatic tuning for ten preset crystal (or master oscillator) controlled channels.

Keying speeds up to 500 wpm on cw transmission, and 50 wpm on mcw are possible.

The transmitter has a built-in frequency shift keying unit.

Provisions are included for complete remote control of this set over a two-pair telephone line.

<b>AN/FRT-15</b>	INSTRUCTION LITERATURE: Not Available
	CLASSIFICATION OF EQUIPMENT: Unclassified
RADIO TRANSMITTING SET	USING SERVICE : Navy
	DATE OF THIS SHEET : 9 Jun 52

### MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Transmitter Group OA-205/FRT-15	84 x 29 x 31	775
1	Radio Modulator Group OA-204/FRT-15	84 x 29 x 31	830
1	Power Supply Group OA-206/FRT-15	84 x 26 x 31	1,350
2	Transmitter Control C-748/FRT-15	9 x 19 x 11	105

### OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shore stations.

INSTALLATION: Ground, fixed.

APPROXIMATE RANGE (IN MILES): Medium.

CAN COMMUNICATE WITH: AN/ARC-2, -5, -8, -9, -21, -25, -26; AN/ARR-15; AN/FRC-10; AN/FRR-3, -4, -7, -12, -28, -32; 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/TRQ-1; AN/URR-10, -12, -22, -23; AN/VRC-1, -4; AN/VRR-2; BC-312, -342, -348, -779, -787, -794, -1004; MBS; MQ; OA-58/FRC, -59/FRC; R-62/PR, -80/PR, -96/SR, -129/U, -137/GR, -203/SR, -205/U, -206/PR, -208/FR, -209/FR, -210/U, -211/U, -213/SR, -274/FRR, -320/FRC, -388/URR; RAL; RAO; RAS; RBB; RBC; RBG; RBH; RBK; RBM; RBO; RBP; RBS; RCF; RCG; RCH; RDE; RDM; REA; SCR-177, -188, -193, -244, -274, -281, -399, -499, -506, -536, -543, -585, -593, -607, -694, -704; TBO; TBX; TBY; TCH; TCP; TCS; AR-88 (RCA); Collins 185-4 (AF Model); Collins 75A-2; Fisher TS 28-3; Hammarlund SP-600-JX; National HRO-50.

### TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 2 - 30.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Cw, mcw, voice, frequency shift keying, facsimile.

POWER OUTPUT: 3,000 w.

POWER REQUIREMENTS: 9,920 w, 220 v, 50/60 cyc, 3 phase; and 110 v, 50/60 cyc, 1 phase, ac, for remote control unit.

### PHYSICAL CHARACTERISTICS

Radio Transmitting Set AN/FRT-15 measures 84 x 81-5/32 x 31 inches. Packed for domestic shipment: total weight 7,413 pounds, total volume 521.33 cu ft, 13 ship tons.