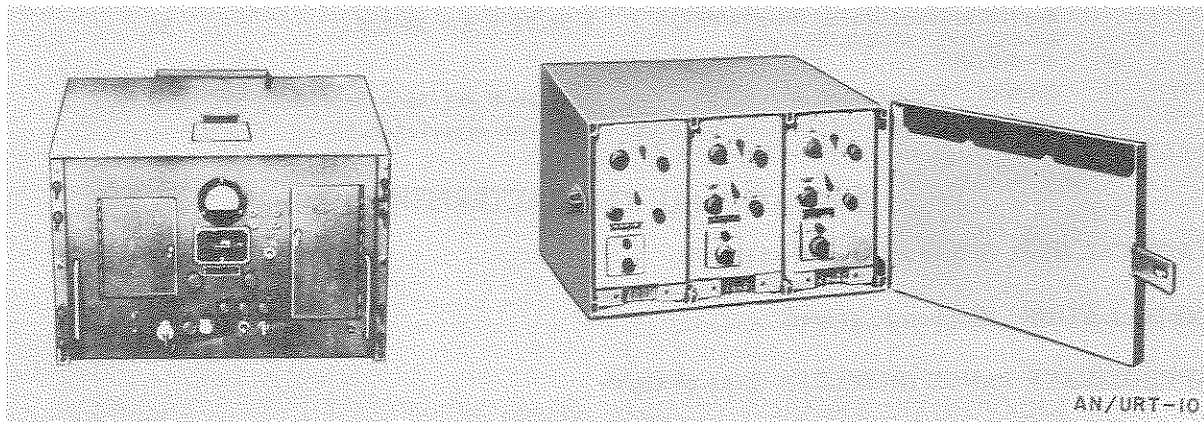


STATUS: Standard  
CLASSIFICATION OF EQUIPMENT: Restricted  
USING SERVICE: Navy  
DATE OF THIS SHEET: 14 May 52

**AN/URT-10**

TRANSMITTING SET, RADIO



Transmitting Set, Radio AN/URT-10 is a v-h-f/u-h-f transmitter employed for a-m radiotelephone and mcw communication aboard ship or on shore.

The control unit is intended primarily for limited remote control up to five miles at shore stations; the transmitter can also be operated from standard shipboard remote units.

Four interchangeable units Amplifier-Oscillator AM-634/URT, AM-635/URT, AM-636/URT and AM-637/URT are provided to cover the frequency range, each employs a crystal-controlled master oscillator for frequency control.

Audio input to modulator and receiver monitoring is provided.

Two associated amplifier units are employed for monitoring purposes. The transmitter may be either table- or rack-mounted.

# AN/URT-10

INSTRUCTION LITERATURE: Not Available  
 CLASSIFICATION OF EQUIPMENT: Restricted  
 USING SERVICE: Navy  
 DATE OF THIS SHEET: 14 May 52

TRANSMITTING SET, RADIO

## MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Transmitter, Radio T-335/URT-10 includes one each:	13-23/32 x 19 x 16-1/2	146
	Amplifier-Oscillator AM-634/URT, AM-635/URT, AM-636/URT and AM-637/URT	9-31/32 x 5 x 14-1/2	30
1	Control, Transmitter CFT-23555 (Weight of transmitter includes (1) amplifier-oscillator.)	5-13/16 x 4-7/16 x 3-5/16	4

## OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shipboard or shore stations.

INSTALLATION: Shipborne, ground.

APPROXIMATE RANGE (IN MILES): Line of sight.

CAN COMMUNICATE WITH: AN/ARC-1, -3, -5, -12, -18, -19, -27, -28, -30, -33, -34, -36; AN/CRC-2; AN/CRW-7; AN/FRC-7; AN/FRR-12, -28, -32; AN/GRC-16, -27, -29, -30, -32; AN/GRR-2, -3, -7; AN/MRC-12, -16, -20, -22; AN/PRC-14, -17, -20; AN/SRR-13; AN/TRC-7, -32; AN/TRQ-1; AN/URC-4; AN/URR-9, -10, -12, -13, -21, -23; AN/VRC-1; AN/VRR-3; BC-639, -797, -794; MAR; MAW; MAY; MBF; MBS; OA-59/FRC; R-62/PR, -80/PR, -137/GR, -205/U, -211/U, -274/FRR, -278/GR, -320/FRC, -388/URR; RAO; RAS; RBQ; RBK; RBQ; RC-103, -256; RCF; RCG; RCK; RCO; RDM; RDR; RDZ; SCR-522, -542, -574, -575, -607, -616, -624, -641, -644, -704; TBS; TBY; AR-98 (RCA); ARC Type 12; Collins 75A-2; Hammarlund SP-600-JX; National HRO-50.

## TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 30 - 400 in 4 ranges.

AM-634/URT: 30 - 60                      AM-636/URT: 115 - 225  
 AM-635/URT: 60 - 115                    AM-637/URT: 225 - 400.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Mcw, voice.

POWER OUTPUT: 15 to 30 w.

POWER REQUIREMENTS: 750 w, 115/230 v, 50/60 cyc, 1 phase, ac.

## PHYSICAL CHARACTERISTICS

Transmitting Set, Radio AN/URT-10 measures 13-23/32 x 19 x 16-1/2 inches, net weight 240 pounds, volume 2.75. Packed for domestic shipment: Shipped in 3 packages.