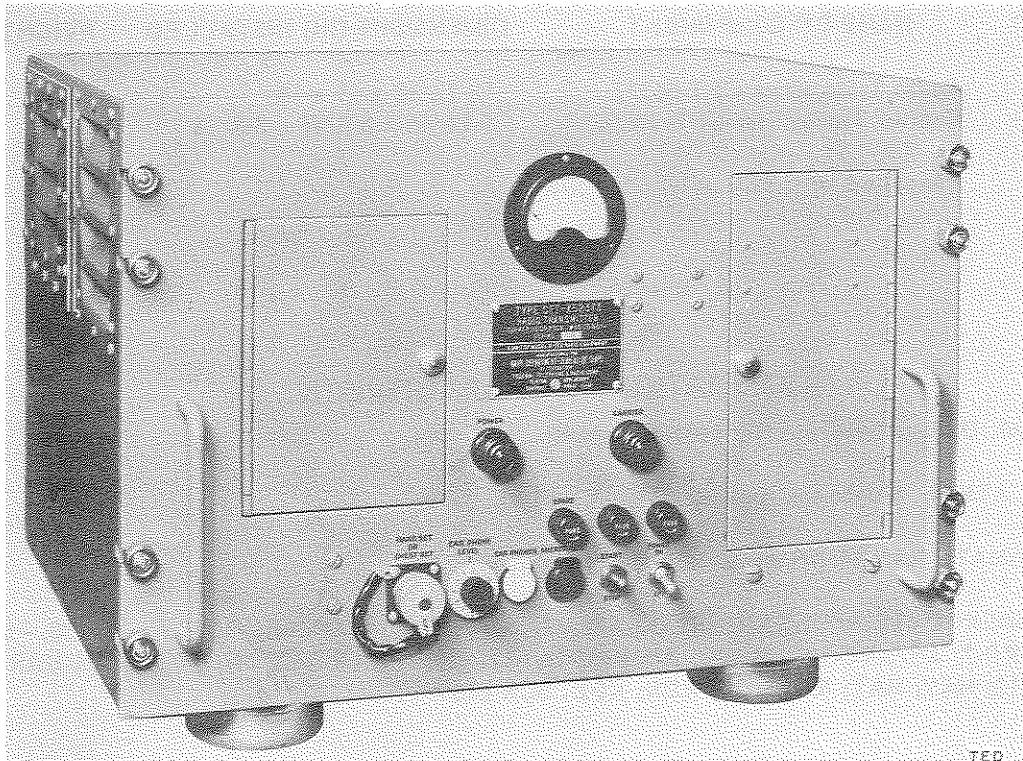


STATUS: Limited Standard
 CLASSIFICATION OF EQUIPMENT: Unclassified
 USING SERVICE: Navy
 DATE OF THIS SHEET: 9 May 52

AN/URT-TYPE

SERVICE TYPE NUMBER: TED, TED-1 and -2
 RADIO TRANSMITTING EQUIPMENT



Radio Transmitting Equipments TED, TED-1 and -2 are low-power a-m (cw, mcw, voice) u-h-f radio-telephone transmitters used primarily for shipboard and shore station aircraft traffic control. It may be used in conjunction with an associated receiver, and can be controlled through use of two control units; one for local operation, and one for limited remote control. Remote operation also is possible by use of standard shipboard remote control units.

Four preset crystal-controlled channels are available. This transmitter is operated in conjunction with Radio Receiving Set AN/URR-13.

This equipment is designed to be used with either Antenna Assembly NT-66147 (which is a vertical mounted half-wave center-fed dipole), Antenna AT-150/SRC (a broad-band dipole), or Antenna Assembly AS-390/SRC (which is of the broad-band unbalanced type).

The type antenna used is dependent upon installation requirements.

It may be table operated or mounted in standard relay racks.

| | | |
|------------------------------|--|---|
| AN/URT-TYPE | | INSTRUCTION LITERATURE: NavShips 91357 |
| TED, TED-1 and -2 | | CLASSIFICATION OF EQUIPMENT:Unclassified |
| :SERVICE TYPE NUMBER | | USING SERVICE : Navy |
| RADIO TRANSMITTING EQUIPMENT | | DATE OF THIS SHEET : 9 May 52 |

MAJOR COMPONENTS

| QUANT | NAME OF COMPONENT | DIMENSIONS (IN) INSTALLED | WEIGHT (LBS) |
|-------|--------------------------------|---------------------------|--------------|
| 1 | Radio Transmitter CFT-52373 | 13-23/32 x 19 x 15 | 135 |
| 1 | Control Transmitter CFT-23555* | 5-13/16 x 4-7/16 x 3-5/16 | 4 |

*Supplied with TED only.

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Aircraft traffic control stations.

INSTALLATION: Shipborne, ground.

APPROXIMATE RANGE (IN MILES): Line of sight.

CAN COMMUNICATE WITH: AN/ARC-12, -19, -27, -30, -33, -34; AN/GRC-16, -27, -29, -30, -32; AN/GRR-7; AN/MRC-12, -20, -22; AN/PRC-14, -17, -20; AN/TRC-32; AN/URC-4; AN/URR-9, -12, -13; MAR; MAY; R-278/GR; RDR; RDZ; SCR-616.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 225- 400.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Cw, mcw, voice.

POWER OUTPUT: 15 w.

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

PHYSICAL CHARACTERISTICS

Radio Transmitting Equipments TED, TED-1 and -2 measure 16-1/4 x 28-1/2 x 21-3/4 inches.