

STATUS: Standard

CLASSIFICATION OF EQUIPMENT:Unclassified

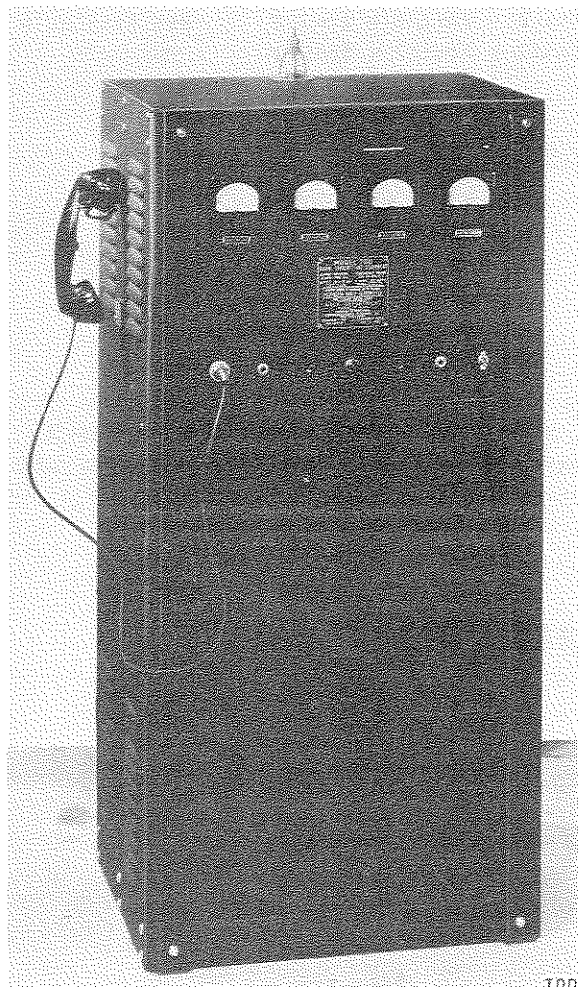
USING SERVICE: Navy

DATE OF THIS SHEET: 14 May 52

AN/FRT-TYPE

SERVICE TYPE NUMBER: TDD, TDD-1 through -4

RADIO TELEPHONE TRANSMITTING EQUIPMENT



Radio Telephone Transmitting Equipments TDD and TDD-1 through -4 are single-frequency, low-power, a-m (voice) transmitters for use in airport traffic control towers.

This equipment has one preset crystal-controlled channel and the antenna load coil incorporates a variometer adjustment for fine tuning. Taps on the stator permit course adjustment, thus providing a wide choice of antenna types.

Provisions are made for connection of a remote telephone or microphone, and a muting relay is utilized to prevent feedback or objectionable interference when a receiver is used in conjunction with this transmitter.

TDD

AN/FRT-TYPE		INSTRUCTION LITERATURE: NavShips 900,271	
		CLASSIFICATION OF EQUIPMENT: Unclassified	
TDD, TDD-1 through -4	: SERVICE TYPE NUMBER	USING SERVICE :	Navy
RADIO TELEPHONE TRANSMITTING EQUIPMENT		DATE OF THIS SHEET : 14 May 52	

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Radio Transmitter CCI-52258, or anyone of the following:	52 x 25-1/2 x 18	190
	CCI-52258-A	52 x 25-1/2 x 18	190
	CBST-52258-B	51-1/2 x 22-1/2 x 17-1/2	Not Available
	CCI-52258-C	51-1/2 x 22-1/2 x 17-1/2	" "

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Airport control towers.

INSTALLATION: Ground, fixed.

APPROXIMATE RANGE (IN MILES): Line of sight.

CAN COMMUNICATE WITH: AN/ARC-5, -8; AN/GRR-3; AN/MRC-20; AN/SRC-3; AN/SRR-3, -11, -12; AN/TRQ-1; AN/VRC-4; BC-344, -348, -453, -779; MBS; R-96/SR, -129/U, -203/SR, -206/PR, -210/U, -211/U, -212/SR, -213/SR, -215/SR, -247/URR; RAK; RAL; RAS; RBA; RBH; RBL; RBM; RCH; RDF; SCR-177, -274, -614; ARC Type 12; Fisher TS 25-3; National HRO-50.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 0.20 - 0.55.

TYPE MODULATION: Am.

TYPE OF SIGNAL: Voice.

POWER OUTPUT: 15 w.

POWER REQUIREMENTS: 330 w, 115 v, 60 cyc, 1 phase, ac.

PHYSICAL CHARACTERISTICS

Radio Telephone Transmitting Equipment TDD or TDD-1 through -4 measures 52 x 25-1/2 x 18 inches.
Packed for domestic shipment: total weight 475 pounds.