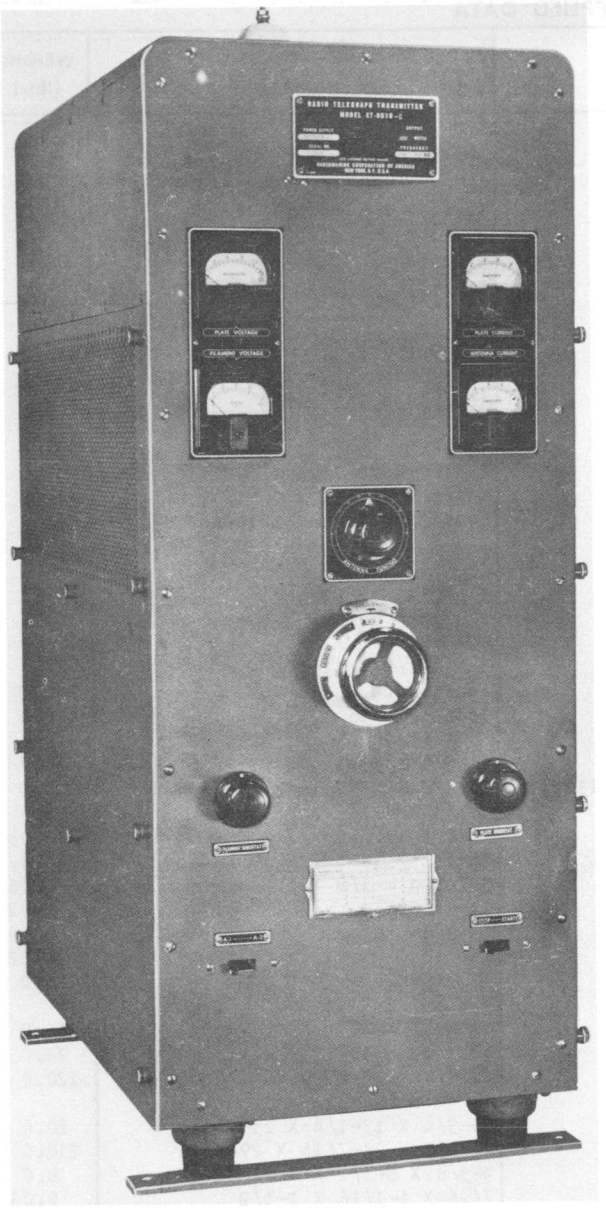
RADIOTELEGRAPH TRANSMITTING EQUIPMENT



Radiotelegraph Transmitting Equipment TDA

FUNCTIONAL DESCRIPTION

The Model TDA is a compact, medium power transmitter designed for shipboard use in effecting ship-to-shore and ship-to-ship continuous-wave and modulated continuous-wave transmission. It may be pre-tuned to eight frequencies in the 340 to 550 kilocycle band, and employs master-oscillator control of frequencies, but is so arranged that crystal units may be easily installed.

It is designed for a 115 volt direct-current supply, but may be converted to 230 volts direct-current operation.

No field changes in effect at time of preparation (4 November 1957).

RELATION TO OTHER EQUIPMENT

The Navy Model TDA is the same as Radiomarine Corporation of America Type ET-8010C.

ELECTRICAL AND MECHANICAL CHARACTERISTICS

FREQUENCY RANGE: 340 to 550 kc.
POWER OUTPUT
A1: 160 to 200 W.
A2: 200 W.
EMISSION: A1, A2.
FREQUENCY CONTROL: Master oscillator.
MODULATION: 70%.
KEYING SPEED
A1: 100 wpm.
A2: 50 wpm.
POWER REQUIREMENTS: 115 v DC.
ANTENNA REQUIREMENTS
TYPE: Any antenna with 500 to 1500 uuf capacitance and 4 to 10 ohms resistance.

MANUFACTURER'S OR CONTRACTOR'S DATA

Radiomarine Corporation of America, New York, N. Y.

TUBE AND/OR CRYSTAL COMPLEMENT

(2) 211W (2) 807
Total Tubes: (4)

No Crystals.

REFERENCE DATA AND LITERATURE

Technical Manual for Model TDA Radiotelegraph Transmitting Equipment.

TYPE CLASSIFICATION	
DESIGN COGNIZANCE	BUSHIPS
PROCUREMENT COGNIZANCE	
STOCK NO.	

RADIOTELEGRAPH TRANSMITTING EQUIPMENT

EQUIPMENT SUPPLIED DATA

QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
1	Radiotelegraph Transmitter Type ET-8010-C	17-3/4 x 29 x 45-3/16	175
1	Motor-Generator Type ET-8010	11 x 15 x 28	210
1	Motor Starter General Electric CR-4052-Y1		
1	Telegraph Key Type CQ		
5	Calibration Card		
1	Set of Equipment Spares		