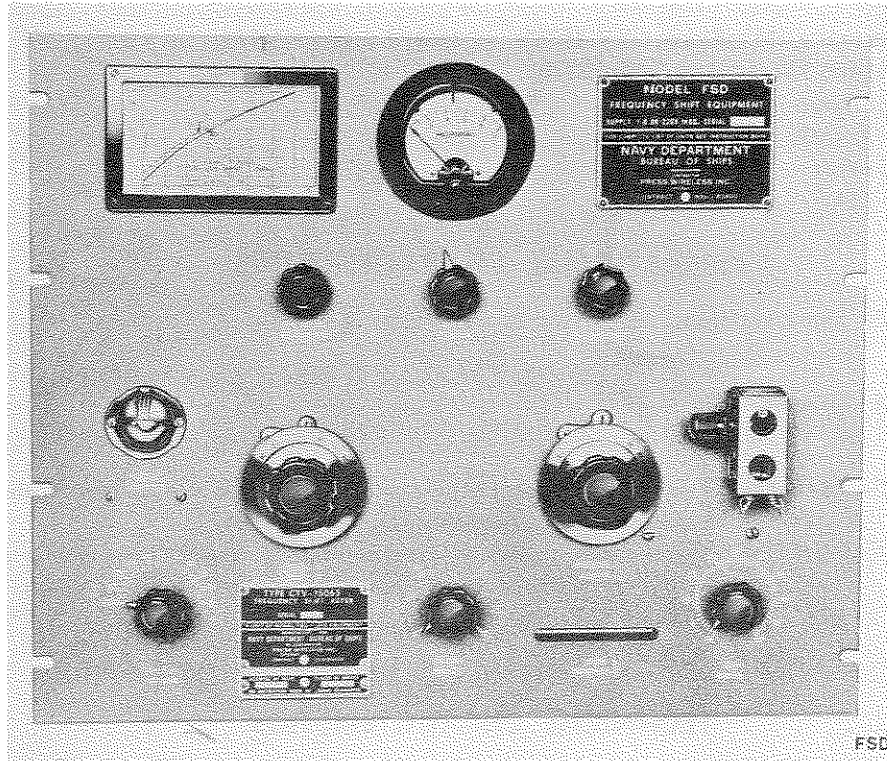


STATUS: Standard
 CLASSIFICATION OF EQUIPMENT: Unclassified
 USING SERVICE: Navy
 DATE OF THIS SHEET: 23 May 52

AN/GGA-TYPE

SERVICE TYPE NUMBER: FSD
 FREQUENCY SHIFT KEYER EQUIPMENT



Frequency Shift Keyer Equipment FSD is used to replace the exciter of a c-w transmitter with a source of r-f excitation that can be shifted in frequency a small value (higher and lower) to produce telegraph or facsimile signals corresponding to the signals at the keyer input. This frequency-shift method minimizes selective fading, interference, and static disturbances, thereby assuring high fidelity of transmission.

It is used at long distance transmitting stations to improve transmission.

Four preset crystal-controlled oscillator frequencies are provided.

AN/GGA-TYPE		INSTRUCTION LITERATURE: Not Available
		CLASSIFICATION OF EQUIPMENT: Unclassified
FSD	:SERVICE TYPE NUMBER	USING SERVICE : Navy
FREQUENCY SHIFT KEYSER EQUIPMENT		DATE OF THIS SHEET : 23 May 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Frequency Shift Keyer CYV-35065	15-3/4 x 19 x 12-1/2	65
1	Rectifier Power Unit CYV-20349	8-3/4 x 19 x 12	30

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shore stations.

INSTALLATION: Ground.

CAN COMMUNICATE WITH: This is signal-modifying equipment used in conjunction with primary communication apparatus.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE IN MEGACYCLES: 2 - 5.

TYPE MODULATION: Fm.

TYPE OF SIGNALS: Frequency-shift keying.

POWER OUTPUT: 1.5 w.

POWER REQUIREMENTS: 110 / 260 v, 60 cyc, 1 phase, ac.

PHYSICAL CHARACTERISTICS

Frequency Shift Keyer Equipment FSD measures 24-1/2 x 19 x 12-1/2 inches.