

STATUS: Standard

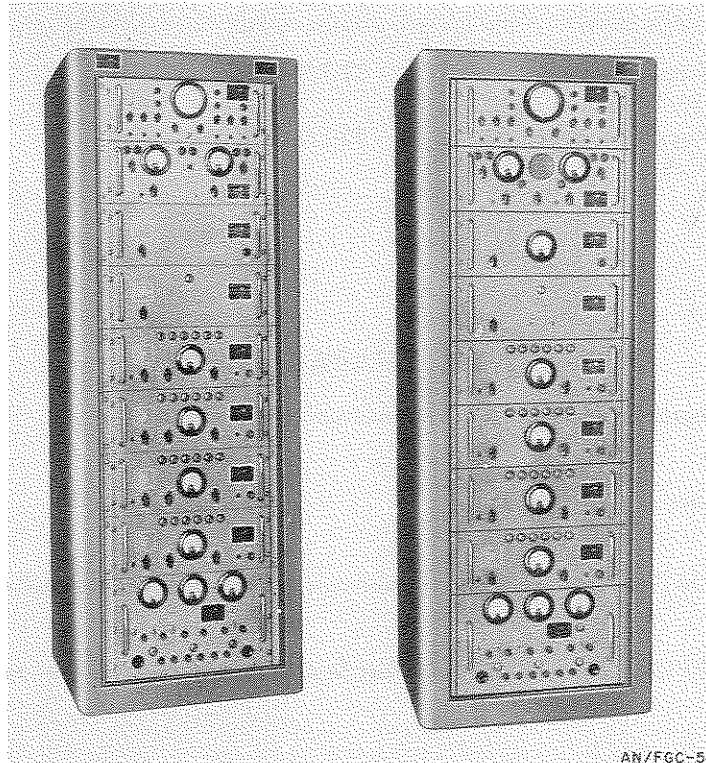
CLASSIFICATION OF EQUIPMENT: Unclassified

USING SERVICE: Navy

DATE OF THIS SHEET: 8 May 52

**AN/FGC-5**

TELEGRAPH TERMINAL SET



AN/FGC-5

Telegraph Terminal Set AN/FGC-5 provides two-, three-, or four-channel multiplex teletypewriter operation on a single voice channel on the basis of a time division system.

All components except the power supply are of the tilt-up drawer type; the power supply slides out horizontally on rails.

The equipment, as supplied, is for 60-wpm operation but may be modified by a wiring change to 75 wpm.

The number of channels in which the AN/FGC-5 can be operated depends upon the circuit characteristics. Narrow bands or circuits with excessive distortion may limit operation to three, or even two, multiplex channels.

<b>AN/FGC-5</b>	INSTRUCTION LITERATURE: NavShips 91265
	CLASSIFICATION OF EQUIPMENT: Unclassified
TELEGRAPH TERMINAL SET	USING SERVICE: Navy
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### MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN) INSTALLED	WEIGHT (LBS)
1	Telegraph Transmitting Group OA-150/FGC-5	72-7/8 x 27 x 24-3/16	720
1	Telegraph Receiving Group OA-151/FGC-5	72-7/8 x 27 x 24-3/16	732

### OPERATIONAL CHARACTERISTICS

**TACTICAL USE:** Telegraph and teletypewriter communication stations.

**INSTALLATION:** Ground.

**MAXIMUM SYSTEM LENGTH:** Limited only by maximum range of associated radio equipment.

**CAN COMMUNICATE WITH:** Identical or equivalent facilities at the distant, or opposite, terminal.

### TECHNICAL CHARACTERISTICS

**FACILITIES REQUIRED FOR TRANSMISSION:** Radio or wire.

**FACILITIES AFFORDED:** Two, three, or four start-stop channels on a single voice-frequency channel.

**POWER REQUIREMENTS:** 1,380 w, 115/230-v, 50/60 cyc, 1 phase.

### PHYSICAL CHARACTERISTICS

Telegraph Terminal Set AN/FGC-5 measures 72-7/8 x 54 x 24 inches, net weight 1,452 pounds, volume 57 cu ft, 1.4 ship tons. Packed for domestic shipment: total weight 2,622 pounds, total volume 178.8 cu ft, 4.6 ship tons. Shipped in 6 packages.