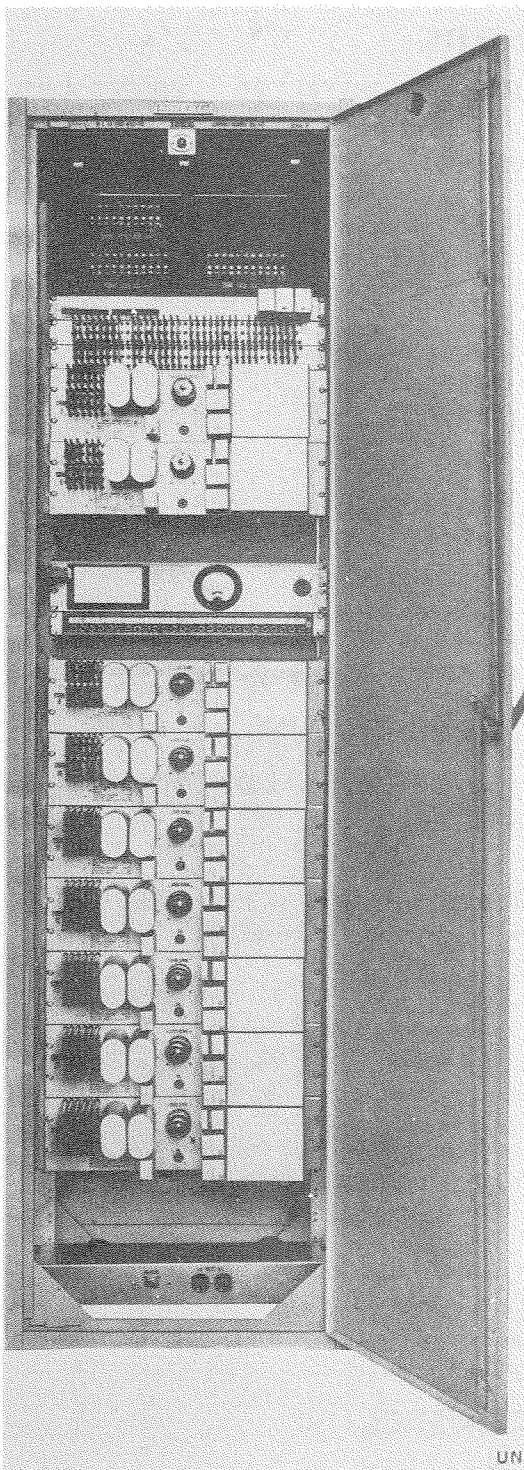


STATUS: Standard
 CLASSIFICATION OF EQUIPMENT: Unclassified
 USING SERVICE: Navy
 DATE OF THIS SHEET: 29 May 52

AN/FCC-TYPE

SERVICE TYPE NUMBER: UN
 CARRIER CONTROL SYSTEM



UN

Carrier Control System UN is a multi-channel carrier communications equipment capable of furnishing a variety of narrow and wide band a-f telegraph channels as well as voice channels, simultaneously, over one radio carrier circuit or a two- or four-wire line.

This system consists of a number of panel units, which may be ordered as required, to provide different combinations of telegraph and telephone terminal facilities.

When the v-f telegraph equipment and the telephone carrier equipment are used together, operation is possible on three voice-telephone channels.

One or more of these may be used for three wide band or 12 narrow band v-f telegraph carriers.

The narrow band channels are capable of keying speeds up to 100 wpm; the wide band channels can be keyed at speeds up to 300 wpm.

AN/FCC-TYPE		INSTRUCTION LITERATURE: NavShips 95591, 900, 201, 900, 840
		CLASSIFICATION OF EQUIPMENT: Unclassified
UN	:SERVICE TYPE NUMBER	USING SERVICE : Navy
CARRIER CONTROL SYSTEM		DATE OF THIS SHEET : 29 May 52

MAJOR COMPONENTS

QUANT	NAME OF COMPONENT	DIMENSIONS (IN)	INSTALLED	WEIGHT (LBS)
1	Four Wire Terminating and Signaling Bay CW-50250	84 x 26-1/4 x 17		Not Available
1	Power Supply Cabinet includes Rectifier Power Unit CW-20140 through -20142	84 x 26-1/4 x 17		" "

(Other components will vary with the number of narrow and wide telegraph and voice channels required.)

OPERATIONAL CHARACTERISTICS

TACTICAL USE: Shore stations.

INSTALLATION: Ground, fixed.

CAN COMMUNICATE WITH: Terminal, repeater, and modifying equipment operating in the connecting facility or composing the primary communicating system.

TECHNICAL CHARACTERISTICS

FACILITIES REQUIRED FOR TRANSMISSION: Radio or wire line capable of 200 to 10,300 cps operation.

FACILITIES AFFORDED: Without telephone terminal equipment: 12 narrow or 3 wide band telegraph channels, or single voice channel. With telephone terminal, 3 voice channels.

FREQUENCY: 300 to 10,150 cps.

TYPE OF MODULATION: Am.

TYPE RINGING: 1,000/20 cps.

POWER REQUIREMENTS: 105-125 v. Wattage dependent on components used. The carrier equipment will operate from a 50/60 cyc power source, except that ringing will be satisfactory only with a 60 cyc power source.

PHYSICAL CHARACTERISTICS

Information on Carrier Control System UN not available.