

**INDEX OF TELETYPEWRITER,
FACSIMILE AND
ASSOCIATED EQUIPMENT**

Prepared by

**NAVAL ELECTRONIC SYSTEMS ENGINEERING CENTER PORTSMOUTH
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FOREWORD

The purpose of this Index is to list and briefly describe teletypewriter, facsimile and meteorological equipment presently in use or planned for the Navy. Documentation, logistics and other support information is furnished.

Teletype Corporation supplied much of the research material and all of the photographs used.

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CHAPTER 1

SECTION I.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)

AN/FGC-21	Model 28 Automatic Send-Receive Page Printer Set. Consists of floor cabinet, friction feed typing unit, keyboard, electrical service unit, transmitter distributor, synchronous motor and gear set for 74.2 baud. 7.42 unit code, 60 Hz, 115 VAC. Includes weather symbol arrangement.
AN/FGC-21X	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/FGC-21 except uses 50/60 Hz series governed motor in lieu of 60 Hz synchronous motor.
AN/FGC-56 115VAC.	Model 28 Automatic Send-Receive Page Printer Set. Consists of floor cabinet, friction feed typing unit, typing perforator, transmitter distributor, keyboard, electrical service unit, synchronous motor and gears for 45.5, 56.9 and 74.2 baud. 7.42 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement. Wired for polar operation, selective calling.
AN/FGC-56X	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/FGC-56 except uses 50/60 Hz series governed motors LMU39 and LMU41 instead of synchronous motor LMU12.
AN/FGC-58	Model 28 Automatic Send Receive Page Printer Set. Consists of floor cabinet, friction feed typing unit, keyboard, chadless typing perforator, transmitter distributor, 2 synchronous motors, 2 electrical service units, auxiliary chadless typing re-perforator and gears for 45.5, 56.9 and 74.2 baud. 7.42 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement and selective calling feature.
AN/FGC-58X	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/FGC-58 except uses 50/60 Hz series governed motor units LMU39 and LMU41. This equipment is not shock mounted.
AN/FGC-59	Model 28, Torn Tape System, Send-Receive Page Printer Set. Consists of floor cabinet, sprocket feed typing unit, 2 bases, typing re-perforator, 6 transmitter distributors, 2 synchronous motors and gears for 45.5 and 74.2 baud. 7.42 unit code, 115VAC, 60 Hz. Includes communication symbol arrangement.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

AN/FGC-69	Model 28 Multiple Page Printer Monitor Group. Consists of floor cabinet, 3 friction feed typing units, keyboard, 3 synchronous motors and gears for 45.5, 56.9 and 74.2 baud. 7.42 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement, 3 paper winders and selective calling feature.
AN/FGC-69X	Model 28 Multiple Page Printer Monitor Set. Same as AN/FGC-69 except uses (2) LMU28 and (1) LMU41, 50/60 Hz series governed motor units instead of 3 synchronous motor units.
AN/FGC-72AX	Model 28 Keyboard Send-Receive Page Printer Set. Same as AN/FGC-72X except uses gear set for 45.5 and 75 baud. CRITICOM type.
AN/FGC-72BX	Model 28 Keyboard Send-Receive Page Printer Set (Mobile). Same as AN/FGC-72AX except includes gears for 75 baud, paper winder, copy display rack and dolly. CRITICOM type.
AN/FGC-72X	Model 28 Keyboard Send-Receive Page Printer Set. Consists of floor cabinet, friction feed typing unit, keyboard, series governed motor, electrical service unit and gear set for 75 baud. 7.00 unit code, 50/60 Hz, 115VAC. Includes communication symbol arrangement, stepping magnet and sub base for stand-up operation. CRITICOM type.
AN/FGC-74 unit	Model 28 Multiple Page Printer Monitor Group. Consists of floor cabinet, 3 friction feed typing units, keyboard, 3 synchronous motors and gears for 45.5, 50 and 75 baud. 7.00 code, 60 Hz, 115VAC. Includes communication symbol arrangement, 3 paper winders and keyboard switching.
AN/FGC-74A gears	Model 28 Multiple Page Printer Monitor Group. Same as AN/FGC-74 except includes for 75 baud, gold plated contacts in keyboard, two tube drivers and no keyboard switching.
AN/FGC-74X 50/60	Model 28 Multiple Page Printer Monitor Group. Same as AN/FGC-74 except includes Hz series governed motors and tuning fork.
AN/FGC-79	Model 28 Multiple Page Printer Monitor Group. Consists of floor cabinet, 3 friction feed typing units, keyboard, 3 synchronous motors and gears for 45.5 and 74.2 baud. 7.42 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement, 3 paper winders and keyboard switching.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

AN/FGC-79A	Model 28 Multiple Page Printer Monitor Group. Same as AN/FGC-79 except includes stepping magnet in keyboard.
AN/FGC-79AX	Model 28 Multiple Page Printer Monitor Group. Same as AN/FGC-79A except includes 50 Hz synchronous motors.
AN/FGC-79X 50/60	Model 28 Multiple Page Printer Monitor Group. Same as AN/FGC-79 except includes Hz series governed motors.
AN/FGC-96	Model 28 Multiple Page Printer Monitor Group. Consists of floor cabinet, 3 friction feed typing units, keyboard with gearshift, 3 synchronous motors and gears for 45.5 and 75 baud. 7.00 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement, 3 paper winders and stepping magnet in keyboard.
AN/FGC-96A	Model 28 Multiple Page Printer Monitor Group. Same as AN/FGC-96 except includes weather character arrangement.
AN/FGC-96X 50/60	Model 28 Multiple Page Printer Monitor Group. Same as AN/FGC-96 except includes Hz series governed motors and tuning fork.
AN/FGC-97	Model 28 Keyboard Send-Receive Page Printer Set (Mobile). Consists of floor cabinet, friction feed typing unit, keyboard, synchronous motor, electrical service unit, gear sets for 45.5 and 75 baud, sub-base for stand-up operation and dolly. 7.00 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement and stepping magnet.
AN/FGC-97X	Model 28 Keyboard Send-Receive Page Printer Set. Same as AN/FGC-97 except includes 50/60 Hz series governed motor and tuning fork and does not include sub-base and dolly.
AN/FGC-98X	Model 28 Keyboard Send-Receive Page Printer Set (Relay Rack Mountable). Consists of cover, friction feed typing unit, keyboard, series governed motor, electrical service unit, gear set for 75 baud, paper winder and tuning fork. 7.00 unit code, 47-63 Hz, 115VAC. Includes communication symbol arrangement and stepping magnet. CRITICOM type.
AN/FGC-100	Model 28 Multiple Page Printer Monitor Group. Consists of floor cabinet, 4 friction feed typing units, 4 synchronous motors and gear sets for 75 baud. 7.00 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement and 4 paper winders.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

AN/FGC-100A	Model 28 Multiple Page Printer Monitor Group. Same as AN/FGC-100 except includes contact in stunt boxes for control purposes.
AN/FGC-101	Model 28 Multiple Page Printer Monitor Group. Same as AN/FGC-100 except includes 50 Hz synchronous motors.
AN/FGC-116	Model 28 Receive-Only Page Printer Set (Relay Rack Mountable). Consists of cover, friction feed typing unit, base, synchronous motor, electrical service unit, gears for 75 baud and paper winder. 7.00 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement. CRITICOM type.
AN/FGR-5 arrangement	Model 28 Torn Tape Receiver Group. Consists of floor cabinet, 2 bases, (6) RY33 line relays, 2 synchronous motors, 6 fully perforated typing reperforators and gears for 45.5, 50 and 75 baud. 7.00 unit code, 60 Hz, 115VAC. Includes communication symbol and remote control noninterfering LETTERS tape feed out.
AN/FGR-5A	Model 28 Torn Tape Receiver Group. Same as AN/FGR-5 except for different cabinet (LBAC243BR) and omission of line relays.
AN/FGR-6 relays,	Model 28 Torn Tape Monitor Group. Consists of floor cabinet, 2 bases, (6) RY33 line relays, 2 synchronous motors, 6 fully perforated typing reperforators, gears for 45.5, 50 and 75 baud and 2 tape winders. 7.00 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement.
AN/FGR-6A	Model 28 Torn Tape Monitor Group. Same as AN/FGR-6 except for different cabinet (LBAC242BR) and omission of line relays.
AN/FGR-8	Model 28 Torn Tape Monitor Group Consists of floor cabinet, 2 bases, 2 series governed motors, 6 fully perforated typing reperforators, gears for 75 baud and 2 tape winders. 7.00 unit code, 47-63 Hz, 115VAC. Includes communication symbol arrangement. CRITICOM type.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

AN/FGR-9	Model 28 Torn Tape Receiver Group. Consists of floor cabinet, 2 bases, 2 series governed motors, 6 fully perforated typing reperforators, 2 (LMU) plates, tuning fork. 7.00 unit code, 50/60 Hz, 115VAC. Includes communication symbol arrangement.
AN/FGT-4 Hz,	Model 28 Torn Tape Transmitter Group. Consists of floor cabinet, 2 bases, 2 synchronous motors, 6 transmitter distributors and gears for 45.5, 50 and 75 baud. 7.00 unit code, 60 115VAC. Includes 6 numbering modules for 6 circuit or 3 circuit tandem operation.
AN/FGT-5	Model 28 Transmitter Distributor Set (Standard Size). Consists of cover, base, transmitter distributor, series governed motor, gears for 45.5, 50, 56.9 and 74.2 baud and tuning fork. 7.42 unit code, 47-63 Hz, 115VAC.
AN/FGT-6 Hz,	Model 28 Torn Tape Transmitter Group. Consists of floor cabinet, 2 bases, 2 series governed motors, 6 transmitter distributors and gears for 75 baud. 7.00 unit code, 47-63 115VAC. Includes 3 numbering modules for three circuit tandem operation. CRITICOM type.
AN/GGA-19	High Speed Tape Punch Set. Consists of punch, base, cover, tuning fork, and synchronous motor unit. Free speed 1100 WPM. 5-8 code level; 11/16 or 1 in. fully perforated tape. 50/60 Hz synchronous motor, 110 CPS.
AN/GGA-20	High speed Tape Reader Set. Consists of reader, base, cover, synchronous motor unit. Transmitting speed 1071 WPM. 5-8 code level; 11/16, 7/8 or 1 in. fully perforated tape. 60 Hz synchronous motor, 107 CPS.
AN/GGC-12	Model 28 Torn Tape Multiplication, for use with route line segregators. Consists of floor cabinet, 2 bases, 4 fully perforated typing reperforators, 2 synchronous motors, and gears included in base for 75 baud. unit code, 60 Hz, 115VAC.
AN/GGR-1	Model 28 Torn Tape Receiver Group. Consists of floor cabinet, base, 6 fully perforated typing reperforators, 2 synchronous motors, and gears included in base for 75 baud. Six 177010 selector magnet drivers instead of 6 vacuum tube keys. 7.00 unit code, 60 Hz, 115VAC. Includes communications symbol arrangement.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

AN/GGR-1A	Model 28 Torn Tape Receiver Group. Same as AN/GGR-1 except it has an additional sprocket for 45.5 baud.
AN/GGR-1X	Model 28 Torn Tape Receiver Group. Same as AN/GGR-1 except uses 2 series governed motors 50/60 Hz with speed indicator lights instead of synchronous motors, and a tuning fork. Also has an additional sprocket for 45.5 baud.
AN/GGR-2	Model 28 Torn Tape Monitor Group. Consists of floor cabinet, 2 bases, 2 synchronous motors, 6 fully perforated typing reperforators, gears for 75 baud and 2 tape winders. 7.00 unit code, 60 Hz, 115VAC. Includes communications symbol arrangement.
AN/GGR-2A sprockets	Model 28 Torn Tape Monitor Group. Same as AN/GGR-2 except it has additional for 45.5 baud.
AN/GGR-2X	Model 28 Torn Tape Monitor Group. Same as AN/GGR-2 except includes series governed motors and tuning fork.
AN/GGT-3	Model 28 Torn Tape Transmitter Group -i Consists of floor cabinet, 2 bases, 6 transmitter distributors, 2 synchronous motors and gears for 75 baud. 7.00 unit code, 60 Hz, 115VAC, 6 channels. Wired for polar transmission.
AN/GGT-3X	Model 28 Torn Tape Transmitter Group. Same as AN/GGT-3 except uses 50/60 Hz series governed motors instead of synchronous motors.
AN/GGT-4	Model 28 Torn Tape Transmitter Group. Same as AN/GGT-3 except not wired for polar transmission.
AN/UGA-7	Model 28 Transmitter Distributor set (Mobile). Consists of cover, base, transmitter distributor, series governed motor, gears for 45.5 and 75 baud, tuning fork, table and dolly. 7.00 unit code, 47-63 Hz, 115VAC. Includes stepping magnets.
AN/UGC-5 motor,	Model 28 Automatic Send-Receive Page Printer Set. Consists of floor cabinet, friction feed typing unit, keyboard, chadless typing perforator, transmitter distributor, synchronous electrical service unit and gears for 45.5, 56.9 and 74.2 baud. 7.42 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

AN/UGC-5A	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-5 except includes modified typing unit LP14RN/AGH.
AN/UGC-5AX	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-5 except includes series governed motor, tuning fork and contact in stunt box for reperforator control purposes.
AN/UGC-5B	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-5 except includes SMD in electrical service unit, stepping magnets in keyboard and transmitter distributor, automatic line feed with carriage return and gears for 45.5, 50 and 74.2 baud.
AN/UGC-5BX includes	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-5B except series governed motor and tuning fork.
AN/UGC-5C	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-5B except includes paper winder and copy display rack.
AN/UGC-5X	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-5 except includes series governed motor and tuning fork.
AN/UGC-6 45.5,	Model 28 Automatic Send-Receive Page Printer Set. Consists of floor cabinet, friction feed typing unit, keyboard, chadless typing perforator, transmitter distributor, 2 synchronous motors, 2 electrical service units, auxiliary chadless typing reperforators and gears for 56.9 and 74.2 baud. 7.42 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement.
AN/UGC-6A	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-6 except includes contact in stunt box for reperforators control purposes.
AN/UGC-6AX includes	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-6A except (2) 50/60 Hz series governed motors and tuning fork.
AN/UGC-6B	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-6 except includes gears for 45.5, 50 and 74.2 baud and contact in stunt box for reperforator motor control.
AN/UGC-6C	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-6B except includes tape feed out switch.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

AN/UGC-6D transmitter	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-6 except includes SMD in electrical service unit for typing unit, stepping magnets for keyboard and distributor and gears for 74.2 baud.
AN/UGC-6E	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-6D except includes gears for 45.5, 50 and 74.2 baud and contact in stunt box for reperforator control.
AN/UGC-6F	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-6E except includes automatic line feed with carriage return and does not include contact in stunt box for reperforator control.
AN/UGC-6FX includes	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-6F except (2) 50/60 Hz series governed motors.
AN/UGC-6G includes	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-6F except contact in stunt box for reperforator control and does not include automatic line feed with carriage return.
AN/UGC-6HX includes	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-6F except (2) 50 Hz synchronous motors and gears for 45.5 and 74.2 baud.
AN/UGC-6J	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-6F except includes paper winder, copy display rack and SMD for auxiliary reperforator.
AN/UGC-6JX includes	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-6J except (2) 50/60 Hz series governed motors and tuning fork.
AN/UGC-6K	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-6J except does not include paper winder and copy display rack.
AN/UGC-6L	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-6K except includes contact in stunt box for reperforator control and does not include automatic line feed with carriage return.
AN/UGC-6MY includes	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-6L except (2) 50 Hz synchronous motors, paper winder and copy display rack.
AN/UGC-6NX includes	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-6L except (2) 50/60 Hz series governed motors, paper winder copy display rack and tuning fork.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

AN/UGC-6X	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-6 except includes (2) 50/60 Hz series governed motors and tuning fork.
AN/UGC-7	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-5 except includes weather symbol arrangement.
AN/UGC-7X	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-7 except includes 50/60 Hz series governed motor and tuning fork.
AN/UGC-8 reperforator	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-7 except for the following additions: electrical service unit LESU12, motor unit LMU3 and typing LPR9ARE.
AN/UGC-8A	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-8 except includes modified typing unit LP14RE/ACX.
AN/UGC-8 AX	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-8A except uses 50/60 Hz series governed motors LMU39 and LMU41 instead of synchronous motors.
AN/UGC-8B furnished LESU13,	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-8 except with modified typing unit LP14RE/AJG, electrical service unit LESU111 instead of keyboard LAK42ARE instead of LAK4ARE, and transmitter distributor LXD27 instead of LXD3.
AN/UGC-8X	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-8 except uses 50/60 Hz series governed motors LMU39 and LMU41 instead of synchronous motors.
AN/UGC-13 feed	Model 28 Automatic Send-Receive Page Printer Set. Consists of floor cabinet, friction typing unit, keyboard, fully perforated typing reperforator, transmitter distributor, 2 synchronous motors, electrical service unit, auxiliary fully perforated typing reperforator, gears for 75 baud and sub-base for stand up operation. 7.00 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement. CRITICOM type.
AN/UGC-13AX includes	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-13 except (2) 50/60 Hz series governed motors. CRITICOM type.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued'

AN/UGC-13B different	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-13 except keyboard, transmitter distributor and electrical service unit. CRITICOM type.
AN/UGC-13BX	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-13AX except includes power tape back space on reperforator. CRITICOM type.
AN/UGC-13C includes	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-13 except numbering module and 2 transmitter distributors for tandem operation. CRITICOM type.
AN/UGC-13CX includes	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-13 except (2) 50/60 Hz series governed motors. CRITICOM type.
AN/UGC-13X	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-13 except uses 50/60 Hz series governed motors LMU39 and LMU41 instead of synchronous motors. CRITICOM type
AN/UGC-14	Model 28 Reperforator-Transmitter Set. Consists of floor cabinet, 2 bases, 2 relay lines, 2 reel assembly tapes, 2 transmitter distributors, 2 typing reperforators and 2 synchronous motors. 7.00 unit code, 60 Hz, 115VAC. CRITICOM type. Includes communication symbol arrangement.
AN/UGC-15	Model 28 Automatic Send-Receive Page Printer Set. Consists of floor cabinet, friction feed typing unit, typing reperforator, keyboard, electrical service unit, transmitter distributor with base, synchronous motor and gears for 45.5, 50 and 75 baud. 7.00 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement.
AN/UGC-15X	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-15 except uses series governed motor LMU14 instead of synchronous motor LMU12 and tuning fork.
AN/UGC-16 unit	Model 28 Automatic Send-Receive Page Printer Set. Consists of floor cabinet, friction feed typing unit, 2 electrical service units, keyboard, transmitter distributor, 2 typing reperforators, 2 bases, 2 synchronous motors and gears for 45.5, 50 and 75 baud. 7.00 code, 60 Hz, 115VAC. Includes communication symbol arrangement.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

AN/UGC-16A Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-16 with modified typing unit LP108RN/AGH.

AN/UGC-17 assembly Model 28 Reperforator-Transmitter Set. Consists of floor cabinet, 2 bases, 2 reel tapes, 2 transmitter distributors, 2 typing reperforators and 2 synchronous motors. 7.00 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement.

AN/UGC-18 feed unit Model 28 Automatic Send-Receive Page Printer Set. Consists of floor cabinet, friction typing unit, 2 electrical service units, keyboard, transmitter distributor, 2 typing reperforators, 2 bases, 2 synchronous motors and gears for 45.5, 50 and 75 baud. 7.00 code, 60 Hz, 115VAC. Includes weather symbol arrangement.

AN/UGC-19 Model 28 Keyboard Send-Receive Page Printer Set (Relay Rack Mountable). Consists of cover, friction feed typing unit, keyboard, series governed motor, gears for 45.5, 50 and 75 baud and tuning fork. 7.00 unit code, 47-63 Hz, 115VAC. Includes communication symbol arrangement and stepping magnet.

AN/UGC-20 Model 28 Keyboard Send-Receive Page Printer Set (Compact). Consists of cover, friction feed typing unit, keyboard and synchronous motor. 7.42 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement and gearshift for 45.5, 50 and 74.2 baud.

AN/UGC-20A Model 28 Keyboard Send-Receive Page Printer Set (Compact). Same as AN/UGC-20 except includes automatic line feed with carriage return.

AN/UGC-20AX Model 28 Keyboard Send-Receive Page Printer Set (Compact). Same as AN/UGC-20A except utilizes 50 Hz synchronous motor LMU51 in lieu of 60 Hz synchronous motor LMU37 and keyboard LLK3CRL in lieu of LLK2ARN.

AN/UGC-20B Model 28 Keyboard Send-Receive Page Printer Set (Compact). Same as AN/UGC-20A except capable of following signal operation:

Half Duplex:	60 ma.	120VDC
Full Duplex:	60 ma.	120VDC or 70 microamp. 1.5VDC-Transmit
	60 ma.	120VDC-Receive

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

AN/UGC-20BX	Model 28 Keyboard Send-Receive Page Printer Set (Compact). Same as AN/UGC-20B except utilizes 50 Hz synchronous motor LMU51 in lieu of 60 Hz synchronous motor LMU37, and gears 304668, 304669 in lieu of gears 145365, 145366.
AN/UGC-20X	Model 28 Keyboard Send-Receive Page Printer Set (Compact). Same as AN/UGC-20 except utilizes 50 Hz synchronous motor LMU51 in lieu of 60 Hz synchronous motor LMU37 and keyboard LLK3ARN in lieu of LLK2ARN.
AN/UGC-22	Model 28 Keyboard Send-Receive Page Printer Set (Rack Mounted). Consists of friction feed typing unit, keyboard, electrical service unit, cover, series governed motor and gears for 45.5, 56.9 and 74.2 baud. 7.42 unit code, 50/60 Hz, 115VAC. Includes communication symbol arrangement.
AN/UGC-22A	Model 28 Keyboard Send-Receive Page Printer Set (Rack Mounted). Same as AN/UGC-22 except uses modified typing unit LP65WY/AJG, keyboard LK48BRJ in lieu of LK8ARN, and 50 Hz synchronous motor LMU38 in lieu of 60 Hz series motor LMU41.
AN/UGC-25	Model 28 Receive-Only Page Printer Set (Compact). Consists of friction feed typing unit, cover, base unit, synchronous motor and gearshift for 45.5, 50 and 74.2 baud. 7.42 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement.
AN/UGC-25A automatic	Model 28 Receive-Only Page Printer Set (Compact). Same as AN/UGC-25 except the typing unit LP111RN/AY is replaced by LPIWY/AJG. AJG arrangement performs carriage return on line feed with line feed suppression on the next two characters
AN/UGC-25AX	Model 28 Receive-Only Page Printer Set (Compact). Same as AN/UGC-25A except includes 50 Hz synchronous motor.
AN/UGC-25X	Model 28 Receive-Only Page Printer Set (Compact). Same as AN/UGC-25 except utilizes 50 Hz synchronous motor LMU51 in lieu of 60 Hz synchronous motor LMU37.
AN/UGC-31	Model 28 Reperforator, Transmitter Group. Consists of floor cabinet, base, 2 transmitter distributors, 2 typing reperforators and 2 synchronous motors. 7.00 unit code, 60 Hz, 115VAC. Cabinet equipped with (2) 177010 selector magnet drivers in lieu of vacuum tube driver.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

AN/UGC-32	Model 28 Automatic Send-Receive Page Printer Set. Consists of floor cabinet, friction feed typing unit, keyboard, fully perforated typing reperforator, transmitter distributor, 2 synchronous motors, electrical service unit, auxiliary fully perforated typing reperforator, gears for 75 and 45.5 baud operation and sub-base for stand up operation. 7.00 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement. Polar operation negative mark.
AN/UGC-32X includes	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-32 except (2) 50/60 Hz series governed motors.
AN/UGC-32Y	Model 28 Automatic Send-Receive Page Printer Set. Same as AN/UGC-32 except utilizes (2) 50 Hz synchronous motors LMU38 and LMU50 in lieu of 60 Hz synchronous motors, and additional gears for 50 baud.
AN/UGC-34 symbol	Model 28 Keyboard Send-Receive Page Printer Set (Relay Rack Mountable). Consists of cover, friction feed typing unit, keyboard, synchronous motor, electrical service unit and gears for 45.5, 50 and 74.2 baud. 7.42 unit code, 60 Hz, 115VAC. Includes weather arrangement.
AN/UGC-35	Model 28 Automatic Send-Receive Page Printer Set. Consists of floor cabinet, friction feed typing unit, keyboard, fully perforated typing reperforator, transmitter distributor, 2 synchronous motors, electrical service unit, auxiliary fully perforated typing reperforator, gears for 75 baud and sub-base for stand up operation. 7.00 unit code, 60 Hz, 115VAC. Same as AN/UGC-13B except includes weather symbol arrangement.
AN/UGC-37 feed	Model 28 Automatic Send-Receive Page Printer Set. Consists of floor cabinet, friction typing unit, 2 bases, transmitter distributor, electrical service unit, 2 typing reperforators, 2 synchronous motors and gears for 45.5 and 75 baud. 7.00 unit code, 60 Hz, 115VAC. Includes weather symbol arrangement.
AN/UGC-43	Model 28 Keyboard Send-Receive Page Printer Set (Compact). Consists of cover, friction feed typing unit, keyboard, synchronous motor and power line filter. Includes weather symbol arrangement and gearshift for 45.5, 50 and 74.2 baud. Same as AN/UGC-20A except includes weather symbol arrangement and power line filter.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

- AN/UGC-44 Model 28 Automatic Send-Receive Page Printer Set. Consists of floor cabinet, friction feed typing unit, keyboard, fully perforated typing reperforator, transmitter distributor, 2 series governed motors, electrical service unit, auxiliary fully perforated typing reperforator, gears for 75 and 45.5 baud operation and sub-base for stand up operation. 7.00 unit code, 47-63 Hz, 115VAC. Includes weather symbol arrangement. Same as AN/UGC-32X except includes weather symbol arrangement.
- AN/UGC-45 Model 28 Reperforator Transmitter Group. Same as AN/UGC-31 except uses (2) 50/60 Hz series governed motors LMU13 in lieu of 60 Hz synchronous motors LMU11.
- AN/UGC-59 Model 35 Automatic Send-Receive Page Printer Set. Consists of floor cabinet, sprocket feed typing unit, keyboard, fully perforated non-typing reperforator, transmitter distributor, 2 synchronous motors, electrical service unit and gears for 110 baud operation. 11.00 unit code, 60 Hz, 115VAC. Includes ASCII upper case communication symbol arrangement.
- AN/UGC-59A Model 35 Automatic Send-Receive Page Printer Set. Consists of floor cabinet, friction feed typing unit, keyboard, fully perforated non-typing reperforator, transmitter distributor, 2 synchronous motors, electrical service unit and gears for 110 baud operation. 11.00 unit code, 60 Hz, 115VAC. Includes ASCII upper case communication symbol arrangement. Same as AN/UGC-59 except includes friction feed typing unit.
- AN/UGC-62 Model 28 Automatic Send-Receive Page Printer Set. Consists of floor cabinet, friction feed typing unit, keyboard, fully perforated typing reperforator, transmitter distributor, 2 synchronous motors, electrical service unit, auxiliary fully perforated typing reperforator gears for 74.2 baud operation. 7.42 unit code, 60 Hz, 115VAC. Includes weather symbol arrangement. Same as AN/UGC-35 except includes 7.42 unit code and negative voltage MARK signal and does not include sub-base for stand up operation.
- and
- AN/UGC-63 Model 28 Keyboard Send-Receive Page Printer Set (Relay Rack Mountable). Consists of cover, friction feed typing unit, keyboard, synchronous motor, electrical service unit, gear set for 75 baud, paper winder and copy display rack.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

- AN/UGC-63- 7.00 unit code, 60 Hz, 115VAC. continued CRITICOM type. Includes communication symbol arrangement. Same as TT-307A/UG except does not include power factor correction.
- AN/UGC-65 Model 28 Torn Tape Transmitter Group. Consists of floor cabinet, 2 bases, 2 synchronous motors, 6 transmitter distributors and gears for 45.5, 56.9 and 74.2 baud operation. 7.42 unit code, 60 Hz, 115VAC. Includes 6 numbering modules for 6 circuit or 3 circuit tandem operation. Same as AN/FGT-4 except includes 7.42 unit code operation.
- AN/UGC-67 Model 28 Automatic Send-Receive Page Printer Set. Consists of floor cabinet, friction feed typing unit, keyboard, fully perforated typing reperforator, transmitter distributor, 2 synchronous motors, electrical service unit, auxiliary fully perforated typing reperforator gears for 74.2 baud operation. 7.42 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement. Same as AN/UGC-62 except includes communication symbol arrangement.
- and
- AN/UGC-68 Model 28 Torn Tape Receiving Group. Consists of floor cabinet, 2 bases, 6 typing reperforators, 2 synchronous motors and gears for 74.2 baud. Cabinet has selector magnet driver and open line detector instead of line relay. 7.42 unit code, 60 Hz, 115VAC.
- AN/UGC-69 Model 28 Automatic Send-Receive Page Printer Set. Consists of table cabinet, friction feed typing unit, keyboard, chadless typing perforator, transmitter distributor, 2 synchronous motors, electrical service unit, auxiliary chadless typing reperforator and gears for 45.5, 50 and 74.2 baud operation. 7.42 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement.
- AN/UGC-70 Model 28 Receive-Only Typing Reperforator Set (Standard Size). Consists of cover, fully perforated typing reperforator, synchronous motor, mounting base, electrical service unit, gears for 74.2 baud operation and table. Includes communication symbol arrangement and remote control noninterfering LETTERS tape feed out.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

AN/UGC-71	Model 28 Manual Routing Line Segregator Set. Consists of cover, base, transmitter distributor, synchronous motor, gears for 75 baud, table and control facilities. 7.00 unit code, 60 Hz, 115VAC.
AN/UGC-79	Model 35 Keyboard Send-Receive Page Printer Set. Consists of floor cabinet, friction feed typing unit, keyboard, synchronous motor, electrical service unit and gears for 110 baud operation. 11.00 unit code, 60 Hz, 115VAC. Includes ASCII upper case communication symbol arrangement.
AN/UGC-83 typing	Model 37 Automatic Send-Receive Page Printer Set. Consists of floor console, sprocket feed typing unit for 9-1/2" wide paper, keyboard, RT module with fully perforated non-punch and reader, 2 synchronous motors and gears for 150 baud. 10.00 unit code, 60 Hz, 115VAC. Includes ASCII communication up-low symbol arrangement, forward and reverse full and 1/2 line feed, two color printing, tape winder, tape storage bin, form accumulation shelf, paper supply box and E1A RS-232-B interface.
AN/UGC-105	Model 28 Keyboard Send-Receive Page Printer Set. Consists of floor cabinet, friction feed typing unit, keyboard, synchronous motor, electrical service unit and gears for 74.2 baud operation. 7.42 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement, stepping magnet and power factor correction.
AN/UGC-106	Model 28 Keyboard Send-Receive Page Printer Set. Consists of floor cabinet, friction feed typing unit, keyboard, synchronous motor, electrical service unit and gears for 74.2 baud operation. 7.42 unit code, 60 Hz, 115VAC. Includes weather symbol arrangement, stepping magnet and power factor correction. Same as AN/UGC-105 except includes weather symbol arrangement.
AN/UGC-107 56.9	Model 28 Keyboard Send-Receive Page Printer Set. Consists of floor cabinet, friction feed typing unit, keyboard, synchronous motor, electrical service unit and gearshift for 45.5, and 74.2 baud operation. Includes communication symbol arrangement, stepping magnet and power factor correction. Same as AN/UGC-105 except includes gearshift.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

- AN/UGC-108 Model 28 Multiple Page Printer Monitor Group. Consists of floor cabinet, 3 friction feed typing units, keyboard with gearshift for 45.5, 56.9 and 74.2 baud, 3 synchronous motors and gears for 74.2 baud. 7.42 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement, 3 paper winders and stepping magnet.
- AN/UGC-111 Model 35 Keyboard Send-Receive Page Printer Set. Consists of table cabinet, friction feed typing unit, keyboard, synchronous motor, electrical service unit and gears for 110 baud operation. 11.00 unit code, 60 Hz, 115VAC. Includes ASCII upper case communication symbol arrangement.
- AN/UGC-112 Model 28 Keyboard Send-Receive Page Printer with Typing Reperforator. Consists of cover, friction feed typing unit, keyboard, series governed motor, chadless typing reperforator and gears for 75 baud operation. 7.00 unit code, 47-63 Hz, 115VAC. Includes communication symbol arrangement, tape back space and stepping magnet.
- AN/UGC-113 Model 28 Keyboard Send-Receive Page Printer Set (Relay Rack Mountable). Consists of cover, friction feed typing unit, keyboard, series governed motor and gears for 75 baud operation. 7.00 unit code, 47-63 Hz, 115VAC. Includes communication symbol arrangement and stepping magnet.
- AN/UGC-116 Model 35 Automatic Send-Receive Page Printer Set. Consists of floor cabinet, friction feed typing unit, keyboard, fully perforated typing reperforator, transmitter distributor, 2 synchronous motors, electrical service unit and gears for 110 baud operation. 11.00 unit code, 60 Hz, 115VAC. Includes ASCII upper case communication symbol arrangement. Same as AN/UGC-59A except includes fully perforated typing reperforator.
- AN/UGC-122 Model 40 Keyboard-Display-Printer Terminal. Consists of floor cabinet, friction feed printer, display, operator console and controller. 10.00 unit code, 60 Hz, 115VAC. Includes ASCII monospace communication symbol arrangement, 72 line display memory, E11 signal interface and 1050 or 1200 baud operation.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

AN/UGR-1	Model 28 Receive-Only Page Printer Projector Set. Consists of floor cabinet, friction feed typing unit, tape printer, 2 synchronous motors, screen, mirror, lamp and gears for 45.5, 50 and 74.2 baud operation. 7.42 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement.
AN/UGR-1A	Model 28 Receive-Only Page Printer Projector Set. Consists of floor cabinet, friction feed typing unit, tape printer, 2 synchronous motors, screen, mirror, lamp and gears for 45.5, 50 and 74.2 baud operation. 7.42 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement. Same as AN/UGR-1 except includes automatic carriage return and line feed and automatic line feed with carriage return.
AN/UGR-2	Model 28 Receive-Only Typing Reperforator Set (Miniature Size). Consists of cover, chadless typing reperforator, synchronous motor, mounting base, sliding base, electrical service unit and gearshift for 45.5, 50 and 75 baud operation. 7.00 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement, power tape back space and automatic non-interfering LETTERS tape feed out. Same as TT-192A/UG except includes electrical service unit.
AN/UGR-3 unit,	Model 28 Receive-Only Page Printer Set. Consists of floor cabinet, friction feed typing base, synchronous motor, electrical service unit and gears for 45.5, 50 and 74.2 baud operation. 7.42 unit code, 60 Hz, 115VAC. Includes weather symbol arrangement.
AN/UGR-4	Model 28 Receive-Only Page Printer Set (Compact). Consists of cover, friction feed typing unit, base and synchronous motor. 7.42 unit code, 60 Hz, 115VAC. Includes weather symbol arrangement, gearshift for 45.5, 50 and 74.2 baud and automatic line feed with carriage return. Same as AN/UGC-25A except includes weather symbol arrangement.
AN/UGR-14	Inktronic Receive-Only Page Printer Set. Consists of floor cabinet, friction feed non-impact printer and control logic. 7.00 unit code, 600 baud, 60 Hz, 115VAC. Includes communication symbol arrangement.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

AN/UGR-17 Model 28 Receive-Only Typing Reperforator Set (Standard Size). Consists of cover, chadless typing reperforator, series governed motor, mounting base, electrical service unit and gearshift for 45.5, 50 and 75 baud operation. Includes communication symbol arrangement, power tape back space and automatic non-interfering LETTERS tape feed out.

AN/UGR-18 Model 28 Receive-Only Page Printer Set (Relay Rack Mountable). Consists of cover, friction feed typing unit, base, series governed motor and gears for 75 baud operation. 7.00 unit code, 47-63 Hz, 115VAC. Includes communication symbol arrangement.

AN/UGR-19 Model 28 Torn Tape Receiver Group. Consists of floor cabinet, 2 bases, 2 series governed motors, 6 chadless typing reperforators and gears for 75 baud. Includes communication symbol arrangement and remote control non-interfering LETTERS tape feed out. 7.00 unit code, 47-63 Hz, 115VAC.

AN/UGR-20 Model 28 Torn Tape Monitor Group. Consists of floor cabinet, 2 bases, 2 series governed motors, 6 chadless typing reperforators, gears for 75 baud and 2 tape winders. 7.00 unit code, 47-63 Hz, 115VAC. Includes communication symbol arrangement.

AN/UGT-8 Model 28 Torn Tape Transmitter Group. Consists of floor cabinet, 2 bases, 2 series governed motors, 6 transmitter distributors and gears for 75 baud. 7.00 unit code, 47-63 Hz, 115VAC. Includes 6 numbering modules for 6 circuit or 3 circuit tandem operation.

TT-47/UG Model 28 Keyboard Send-Receive Page Printer Set. Consists of floor cabinet, friction feed typing unit, electrical service unit, keyboard, synchronous motor and gears for 45.5 baud. 7.42 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement and selective calling feature.

TT-47A/UG Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-47/UG except has improved design with optional gears for 56.9 and 74.2 baud.

TT-47B/UG Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-47/UG except has improved design.

TT-47C/UG Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-47B/UG except has improved design. 7.42 unit code, 60 Hz, 115VAC.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

TT-47D/UG	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-47C/UG except has improved design with optional gears for 50 and 74.2 baud.
TT-47E/UG	Model 28 Keyboard Send-Receive Page Printer Set, Same as TT-47D/UG except has improved design.
TT-47F/UG	Model 28 Keyboard Send-Receive Page Printer Set, Same as TT-47E/UG except has improved design and additional gears for 45.5, 50 and 74.2 baud.
TT-47G/UG	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-47F/UG except has modified typing unit LP14RN/AGH in lieu of LP14RN/AY.
TT-47H/UG	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-47G/UG except uses typing unit LP108RN/AY and keyboard LK35ARN. 7.00 unit code.
TT-47J/UG	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-47H/UG except uses typing unit LP14RN/AJG and keyboard LK49ARN -
TT-47K/UG	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-47J/UG except includes contact in stunt box for reperforator control and gears for 45.5, 56.9 and 74.2 baud and does not include stepping magnet.
TT-47L/UG	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-47J/UG except includes 7.00 unit code and gears for 75 baud.
TT-48/UG	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-47/UG except uses series governed motor LMU4.
TT-48A/UG	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-48/UG except improved design.
TT-48B/UG improved	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-48A/UG except design.
TT-48C/UG	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-48B/UG except uses keyboard LK10ARN in lieu of LK4RN126. 7.42 unit code, 50/60 Hz, 115VAC.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

TT-48D/UG	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-48C/UG except uses typing unit LP108RN/AY, keyboard LK35ARN and has additional gears for 45.5, 50 and 75 baud. 7.00 unit code.
TT-48E/UG	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-48D/UG except uses typing unit LP14RN/AGH, keyboard LK1OARN and has gears for 45.5 and 74.2 baud.
TT-48F/UG	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-47J/UG except includes series governed motor and tuning fork.
TT-48G/UG	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-47J/UG except includes 50 Hz synchronous motor and gears for 45.5 and 74.2 baud and does not include stepping magnet.
TT-48H/UG	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-48G/UG except uses modified typing unit, keyboard LK49ARN and series governed motor 25, 50 and 60 Hz. with gears for 45.5, 50, and 74.2 baud.
TT-48J/UG	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-48F/UG except includes contact in stunt box for reperforator control.
TT-48K/UG	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-47L/UG except includes 50 Hz synchronous motor.
TT-69/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted). Consists of shelf cabinet, friction feed typing unit, electrical service unit, keyboard, synchronous motor geared for 45.5 baud. 7.42 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement, stepping magnet and selective calling features. Same as TT-70/UG except has synchronous motor. Same as TT-47/UG except for mounting.
TT-69A/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted). Same as TT-69/UG except improved design.
TT-69B/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted). Same as TT-69A/UG except improved design.
TT-69C/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted). Same as TT-69B/UG except uses keyboard LK1OARN. 7.42 unit code, 60 Hz, 115VAC.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

TT-69D/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted). Same as TT-69C/UG except uses typing unit LP108RN/AY, keyboard LK35ARN (7.00 unit code) and gears for 45.5, 50 and 75 baud.
TT-69E/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted). Same as TT-69D/UG except includes 7.42 unit code, gears for 45.5, 50 and 74.2 baud and carriage return with line feed.
TT-69F/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted). Same as TT-69E/UG except does not include stepping magnet.
TT-69G/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted). Same as TT-69E/UG except includes stunt box contact for reperforator control and gears for 74.2 baud only.
TT-70/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted). Same as TT-69/UG except has series governed motor. Same as TT-48/UG except for mounting.
TT-70A/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted). Same as TT-70/UG except improved design.
TT-70B/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted) Same as TT-70A/UG except improved design.
TT-70C/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted). Same as TT-70B/UG except improved design (7.42 unit code).
TT-70D/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted). Same as TT-70C/UG except improved design.
TT-70E/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted). Same as TT-70D/UG except has automatic line feed function in "stunt box", stepping magnets in keyboard and gears for 45.5, 50 and 74.2 baud.
TT-70F/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted). Same as TT-70/UG, 70A, 70B, 70C, 70D, 70E except uses PD-18A/U motor in lieu of PD-18/U motor.
TT-128/UG calling	Model Keyboard Send-Receive Page Printer Set. Consists of floor cabinet, friction feed typing unit, electrical service unit, keyboard and synchronous motor geared for 45.5 baud. 7.42 unit code, 60 Hz, 115VAC. Includes weather symbol arrangement and selective feature. Same as TT-47/UG except modified for weather circuits.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

TT-128A/UG improved	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-128/UG except design (7.42 unit code). Same as TT-47C/UG except modified for weather characters.
TT-128B/UG	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-48K/UG except includes weather symbol arrangement, 60 Hz synchronous motor and gears for 45.5, 50 and 75 baud.
TT-128C/UG includes	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-128B/UG except 7.42 unit code, gears for 45.5, 50 and 74.2 baud and carriage return with line feed.
TT-129/UG	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-48/UG except modified for weather circuits. Same as TT-128/UG except uses series governed motor.
TT-129A/UG Same	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-128A/UG except has series governed motor. Same as TT-48B/UG except modified for weather characters. as TT-129/UG except improved design (7.42 unit code).
TT-130/UG	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-69/UG except modified for weather characters.
TT-130A/UG	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-69C/UG except modified for weather characters. Same as TT-130/UG except improved design (7.42 unit code).
TT-130B/UG	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-130A/UG except uses keyboard LK1OARE in lieu of LK3RE101.
TT-130C/UG	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-69E/UG except includes weather symbol arrangement. Same as TT-130B/UG except uses modified typing unit LP14RE/AJX and keyboard LK49ARE.
TT-131/UG	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-130/UG except uses series governed motor. Same as TT-70/UG except modified for weather characters.
TT-131A/UG	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-130A/UG except uses series governed motor. Same as TT-131/UG except improved design.
TT-171/UG	Model 28 Receive-Only Page Printer Set. Same as TT-47A/UG except uses base LB3/101 and is without a keyboard.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

TT-171A/UG	Model 28 Receive-Only Page Printer Set. Same as TT-47C/UG except uses a base and is without a keyboard. Same as TT-171/UG except improved design.
TT-171B/UG	Model 28 Receive-Only Page Printer Set. Same as TT-47H/UG except uses base LB29/000 and is without a keyboard. Same as TT-171A/UG except improved design.
TT-171C/UG	Model 28 Receive-Only Page Printer Set Same as TT-47J/UG except uses receive-only base and is without a keyboard. Same as TT-171B/UG except improved design.
TT-176/UG	Model 28 Keyboard Send-Receive Page Printer Set (Relay Rack Mounted). Consists of cover, friction feed typing unit, keyboard, electrical service assembly, synchronous motor and gears for 45.5 baud. 7.42 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement, stepping magnets, automatic carriage return and line feed.
TT-176A/UG	Model 28 Keyboard Send-Receive Page Printer Set (Relay Rack Mounted). Same as TT-176/UG except uses modified keyboard-transmitter LK8ARN and typing unit LP65RN/AGB (7.42 unit code).
TT-176B/UG	Model 28 Keyboard Send-Receive Page Printer Set (Relay Rack Mounted). Same as TT-176A/UG except uses modified keyboard-transmitter LK30BRJ, typing unit LP105WY/AGB and has additional gears for 45.5, 50 and 75 baud (7.00 unit code).
TT-176C/UG	Model 28 Keyboard Send-Receive Page Printer Set (Relay Rack Mounted). Same as TT-176B/UG except uses modified keyboard-transmitter LK78BRJ, typing unit LP65WY/AJD and gears for 45.5, 50 and 74.2 baud (7.42 unit code).
TT-187/UG	Model 28 Transmitter Distributor Set (Standard Size). Consists of cover, base, transmitter distributor, synchronous motor and gears for 45.5, 56.9 and 74.2 baud. 7.42 unit code, 60 Hz, 115VAC.
TT-187A/UG	Model 28 Transmitter Distributor Set (Miniature Size). Same as TT-187/UG except miniature size. No synchronous pulse in selector magnets.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

TT-187B/UG	Model 28 Transmitter Distributor Set (Miniature Size). Same as TT-187A/UG except includes 7.00 unit code, gears for 45.5, 50 and 75 baud and stepping magnet.
TT-187C/UG	Model 28 Transmitter Distributor Set (Miniature Size). Same as TT-187A/UG except includes gears for 45.5 and 74.2 baud and stepping magnet.
TT-187D/UG	Model 28 Transmitter Distributor Set (Miniature Size). Same as TT-187/UG series except uses transmitter-distributor LXD29 with gold plated contacts, base unit LXDB7596S and gear set for 75 baud (7.00 unit code).
TT-187E/UG	Model 28 Transmitter Distributor Set (Miniature Size). Same as TT-187B/UG except includes gears for 75 baud and gold plated contacts.
TT-192/UG	Model 28 Receive-Only Typing Reperforator Set (Miniature Size). Consists of cover, chadless typing reperforator, base unit, synchronous motor and gearshift for 45.5, 56.9 and 74.2 baud. 7.42 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement, power tape backspace and BLANK metered tape feed-out.
TT-192A/UG	Model 28 Receive-Only Typing Reperforator Set (Miniature Size). Same as AN/UGR-2 except does not have electrical service unit.
TT-192B/UG	Model 28 Receive-Only Typing Reperforator Set (Miniature Size). Same as TT-192/UG except uses base LRB49 in lieu of LRB8.
TT-192C/UG	Model 28 Receive-Only Typing Reperforator Set (Miniature Size). Consists of cover, fully perforated typing reperforator with vacuum chad removal feature, mounting base and slide base, synchronous motor and gears for 45.5, 50 and 75 baud. 7.00 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement, automatic non- interfering tape feed-out and end of feed-out timing contact.
TT-234/SGA-3	Model 28 Keyboard Send-Receive Page Printer Set. Consists of floor cabinet, friction feed typing unit, keyboard, synchronous motor, electrical service unit and gears for 56.9 baud. 7.42 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement, automatic carriage return and line feed and power and signal line filters.
TT-240/UG	Model 28 Keyboard Send-Receive Page Printer Set (Relay Rack Mounted). Same as TT-176/UG except uses series governed motor.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

TT-241/UG	Model 28 Receive-Only Page Printer Set. Same as TT-171/UG except uses series governed motor and has additional gears for 45.5, 56.9 and 74.2 baud.
TT-243/UG	Model 28 Keyboard Send-Receive Page Printer Set. Consists of floor cabinet, friction feed typing unit, keyboard, electrical service unit, synchronous motor and gears for 45.5, 56.9 and 74.2 baud. 7.42 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement, selective calling feature and wired for polar operation. Equipment not shock mounted.
TT-244/UG 56.9	Model 28 Keyboard Send-Receive Page Printer Set. Consists of floor cabinet, friction feed typing unit, keyboard, electrical service unit, series governed motor and gears for 45.5, 56.9 and 74.2 baud. 7.42 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement and selective calling feature. Equipment is not shock mounted.
TT-244A/UG	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-244/UG except has typing unit LP19RN/AN in lieu of LP6RA/AN172 (7.42 unit code).
TT-247/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted). Same as TT-243/UG except table mounted.
TT-248/UG not	Model 28 Keyboard Send-Receive Page Printer Set. Same as TT-70A/UG except for selective calling feature and additional gears for 45.5, 56.9 and 74.2 baud. Equipment is shock mounted.
TT-253/UG	Model 28 Keyboard Send-Receive Typing Reperforator Set. Consists of cover, fully perforated typing reperforator, keyboard, synchronous motor and gears for 45.5, 56.9 and 74.2 baud. 7.42 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement, remote control non-interfering BLANK tape feed-out, power tape backspace and stepping magnet.
TT-253A/UG out	Model 28 Keyboard Send-Receive Typing Reperforator Set. Same as TT-253/UG except has modification kit to provide vacuum chad disposal non-interfering LETTER tape feed-out and uses a different keyboard and typing reperforator (7.00 unit code). Gear sets are 45.5, 50 and 75 baud.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

TT-253B/UG	Model 28 Keyboard Send-Receive Typing Reperforator Set. Same as TT-253A/UG except uses different keyboard. 7.42 unit code and gear sets for 45.5, 50 and 74.2 baud.
TT-253C/UG	Model 28 Keyboard Send-Receive Typing Reperforator Set. Same as TT-253B/UG except uses keyboard LTRK6BRJ.
TT-253D/UG	Model 28 Keyboard Send-Receive Typing Reperforator Set. Same as TT-253C/UG except includes chadless typing reperforator, remote control non-interfering BLANK tape feed out and does not include vacuum chad facilities.
TT-261/UG	Model 28 Receive-Only Page Printer Set (Shelf Mounted). Same as TT-171A/UG except table mounted.
TT-261A/UG	Model 28 Receive-Only Page Printer Set (Shelf Mounted). Same as TT-261/UG except uses typing unit LP108RN/AY and base LB29/000.
TT-261B/UG has	Model 28 Receive-Only Page Printer Set (Shelf Mounted). Same as TT-261/UG except modified typing unit LP14RN/AJG and base LB4/161. Table not included.
TT-262/UG	Model 28 Send-Receive Page Printer Projector Set. Consists of floor cabinet, friction feed typing unit, base, synchronous motor and gears for 45.5 and 74.2 baud. 7.42 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement.
TT-273/UG	Model 28 Transmitter Distributor Set (Standard Size). Same as TT-187/UG except uses series governed motor.
TT-273A/UG	Model 28 Transmitter Distributor Set (Standard Size). Same as TT-187C/UG except includes 50 Hz synchronous motor and standard size cover and base.
TT-274/UG	Model 28 Receive-Only Typing Reperforator Set (Standard Size). Consists of cover, chadless typing reperforator, series governed motor and mounting base. 7.42 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement, gearshift for 45.5, 50 and 74.2 baud, power tape backspace and remote control non-interfering BLANK tape feed out.
TT-274A/UG	Model 28 Receive-Only Typing Reperforator Set (Standard Size). Same as TT-274/UG except uses 50 Hz synchronous motor.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

TT-274B/UG	Model 28 Receive-Only Typing Reperforator Set (Standard Size). Consists of cover, fully perforated typing reperforator, series governed motor, electrical service unit and mounting base. 7.42 unit code, 47-63 Hz, 115VAC. Includes communication symbol arrangement, gearshift for 45.5, 50 and 74.2 baud, manual tape backspace and remote control non-interfering LETTERS tape feed out.
TT-275/UG	Model 28 Receive-Only Page Printer Set (Shelf Mounted). Same as TT-261/UG except uses series governed motor. TT-283/UG Model 28 Receive-Only Page Printer Set. Consists of floor cabinet, friction feed typing unit, base, series governed motor, electrical service unit and gears for 45.5 and 74.2 baud. 7.42 unit code, 47-63 Hz, 115VAC. Includes communication symbol arrangement and automatic carriage return and line feed.
TT-283A/UG	Model 28 Receive-Only Page Printer Set. Same as TT-283/UG except includes 50 Hz synchronous motor and automatic line feed on carriage return.
TT-287/GPA-73	Model 28 Send-Receive Page Printer Projector Set. Consists of floor cabinet, friction feed typing unit, base, series governed motor and gears for 45.5 and 74.2 baud. 7.42 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement with capability of modifying typing unit for selective calling feature.
TT-292/UG	Model 28 Keyboard Send-Receive Typing Reperforator Set. Same as TT-253D/UG except includes series governed motor, tuning fork and gears for 45.5, 56.9 and 74.2 baud and does not include stepping magnet.
TT-292A/UG	Model 28 Keyboard Send-Receive Typing Reperforator Set. Same as TT-253C/UG except includes 50 Hz synchronous motor and gears for 45.5 and 74.2 baud.
TT-306/UG	Model 28 Receive-Only Page Printer Set (Relay Rack Mounted). Consists of cover, friction feed typing unit, base, synchronous motor, electrical service unit, gears for 75 baud, paper winder, and copy display. 7.00 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement. CRITICOM type.
TT-306A/UG	Model 28 Receive-Only Page Printer Set (Relay Rack Mounted). Same as TT-306/UG except uses modified typing unit S; CRITICOM type.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

TT-306B/UG	Model 28 Receive-Only Page Printer Set (Relay Rack Mountable). Same as TT-306A/UG except includes two tube driver. CRITICOM type.
TT-306X/UG	Model 28 Receive-Only Page Printer Set (Relay Rack Mounted). Same as TT-306/UG except uses series governed motor. CRITICOM type.
TT-307/UG	Model 28 Keyboard Send-Receive Page Printer Set (Relay Rack Mounted). Same as TT-306/UG except includes keyboard and stepping magnet. CRITICOM type.
TT-307A/UG	Model 28 Keyboard Send-Receive Page Printer Set (Relay Rack Mountable). Same as TT-306A/UG except includes keyboard and stepping magnet. CRITICOM type.
TT-307B/UG	Model 28 Keyboard Send-Receive Page Printer Set (Relay Rack Mounted). Same as TT-306B/UG except includes keyboard LK51BRW which has gold plated signal generator contact parts.
TT-308/UG	Model 28 Torn Tape Receiver Group. Consists of floor cabinet, 2 bases, 2 synchronous motors, 6 fully perforated typing perforated and gears for 45.5 and 75 baud. 7.00 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement. CRITICOM type.
TT-308A/UG	Model 28 Torn Tape Receiver Group. Same as TT-308/UG except uses cabinet LBAC260BR, 45.5 baud is eliminated.
TT-308X/UG	Model 28 Torn Tape Receiver Group. Same as TT-308/UG except includes series governed motors. CRITICOM type.
TT-309/UG	Model 28 Torn Tape Monitor Group. Consists of floor cabinet, 2 bases, 2 synchronous motors, 6 fully perforated typing reperforators, gears for 45.5 and 75 baud and 2 tape winders. 7.00 unit code, 60 Hz, 115VAC. Includes communication symbol arrangement. CRITICOM type.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

- TT-309A/UG Model 28 Torn Tape Monitor Group.
Same as TT-309/UG except uses cabinet LBAC259BR, includes two tube driver.
CRITICOM type.
- TT-310/UG Model 28 Torn Tape Transmitter Group.
Consists of floor cabinet, 2 bases, 2 synchronous motors, 6 transmitter distributors and gears for 45.5 and 75 baud.
7.00 unit code, 60 Hz, 115VAC.
Includes 3 numbering modules for tandem operation and stepping magnets.
CRITICOM type.
- TT-310A/UG Model 28 Torn Tape Transmitter Group.
Same as TT-310/UG except includes gold plated contacts.
CRITICOM type.
- TT-329/UG High Speed Tape Punch Set.
Consists of typing reperforator, base, cover and synchronous motor. Transmitting speed 1100 WPM.
8 code level, 1 inch fully perforated tape.
60 Hz synchronous motor, 110 CPS.
- TT-331/UG Model 28 Torn Tape Receiver Group.
Consists of floor cabinet, 2 bases, 2 synchronous motors, 6 fully perforated typing reperforators and gears for 45.5, 56.9 and 74.2 baud.
7.42 unit code, 60 Hz, 115VAC.
Includes communication symbol arrangement and remote control non-interfering LETTERS tape feed out.
- TT-331A/UG Model 28 Torn Tape Receiver Group.
Same as TT-331/UG except uses cabinet LBAC231BR and has additional gears to include 50 baud.
- TT-332/UG Model 28 Torn Tape Monitor Group.
Consists of floor cabinet, 2 bases, 2 synchronous motors, 6 fully perforated typing reperforators, 2 tape winders and gears for 45.5, 56.9 and 74.2 baud.
7.42 unit code, 60 Hz, 115VAC.
Includes communication symbol arrangement.
- TT-332A/UG Model 28 Torn Tape Monitor Group.
Same as TT-332/UG except uses cabinet LBAC242BR equipped with selector magnet drivers and has additional gears to include 50 baud.
- TT-333/UG Model 28 Torn Tape Transmitter Group.
Consists of floor cabinet, 2 bases, 2 synchronous motors, 6 transmitter distributors and gears for 45.5, 56.9 and 74.2 baud.
7.42 unit code, 60 Hz, 115VAC.
Includes communication symbol arrangement.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

- TT-333A/UG Model 28 Torn Tape Transmitter Group.
Same as TT-333/UG except uses different cabinet, base units and has additional gears to include 50 baud.
Includes 3 numbering modules for tandem operation.
- TT-340/UG Model 28 Receive-Only Page Printer Set (Relay Rack Mounted).
Same as TT-306/UG except uses series governed motor and electrical service unit 173816.
CRITICOM type.
- TT-340A/UG Model 28 Receive-Only Page Printer Set (Relay Rack Mounted).
Same as TT-340/UG except uses improved motor LMU41.
CRITICOM type.
- TT-340B/UG Model 28 Receive-Only Page Printer Set (Relay Rack Mountable).
Same as TT-306A/UG except includes series governed motor and tuning fork.
CRITICOM type.
- TT-341/UG Model 28 Keyboard Send-Receive Page Printer Set (Relay Rack Mounted).
Same as TT-307/UG except uses series governed motor.
CRITICOM type.
- TT-341A/UG Model 28 Keyboard Send-Receive Page Printer Set (Relay Rack Mountable).
Same as TT-307A/UG except includes series governed motor and tuning fork and does not include display rack.
CRITICOM type.
- TT-341B/UG Model 28 Keyboard Send-Receive Page Printer Set (Relay Rack Mountable).
Same as TT-341A/UG except includes gears for 45.5, 50 and 75 baud and does not include paper winder and tuning fork.
CRITICOM type.
- TT-341C/UG Model 28 Keyboard Send-Receive Page Printer Set (Relay Rack Mountable).
Same as TT-341A/UG except includes display rack.
CRITICOM type.
- TT-350/UG High Speed Tape Punch Set.
Consists of punch, base, cover and synchronous motor.
5 level, 60 Hz, 63.3 CPS, 11/16 in. fully perforated tape.
- TT-403/UG Model 28 Torn Tape Receiver Group.
Same as TT-331/UG except uses series governed motor.

Description of High Level Teletypewriter Equipment (Ashore and Afloat) -Continued)

TT-403A/UG	Model 28 Torn Tape Receiver Group. Same as TT-331A/UG except includes 50 Hz synchronous motors and gears for 45.5 and 74.2 baud.
TT-404/UG	Model 28 Torn Tape Monitor Group. 4C Same as TT-332/UG except uses series governed motor.
TT-404A/UG	Model 28 Torn Tape Monitor Group. Same as TT-332A/UG except includes 50 Hz synchronous motors and gears for 45.5 and 74.2 baud.
TT-405/UG	Model 28 Torn Tape Transmitter Group. Same as TT-333/UG except uses series governed motor.
TT-405A/UG	Model 28 Torn Tape Transmitter Group. Same as TT-333A/UG except includes 50 Hz synchronous motors and gears for 45.5 and 74.2 baud.
TT-461/UG	Model 28 Torn Tape Monitor-Transmitter Group. Same as AN/FGC-59 except uses two 50 Hz synchronous motors in lieu of 60 Hz synchronous motors and uses modified typing perforators.
TT-461A/UG	Model 28 Torn Tape Monitor-Transmitter Group. Same as TT-461/UG except includes 3 numbering modules in cabinet for tandem operation.
TT-462/UG	Model 28 Torn Tape Monitor-Transmitter Group. Same as AN/FGC-59 except uses modified typing perforators.
TT-462A/UG	Model 28 Torn Tape Monitor-Transmitter Group. Same as the TT-462/UG except uses cabinet LBAC240BR.
TT-463/UG	Model CX High Speed Tape Reader Set. Consists of cover, reader, base and fully punched synchronous motor. Transmitting speed 1050 WPM. 8 level, 1 in. fully perforated tape, 60 Hz synchronous motor, 107 CPS.
TT-509/UG	Teletype High Speed Tape Punch Set. Consists of cover, fully perforated non-typing punch, synchronous motor, base and drive parts for 110 operations per second. 50 Hz, 115VAC. Includes parallel wire input to code and feed magnets of 1 amp. at 28VDC, chad box and manual tape feed out. Fully perforates 11/16" wide tape and is capable of edge notching the sides of the tape.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

- TT-515/UYK Teletypewriter, UNIVAC 1533 Keyboard Printer.
Consists of cabinet, keyboard, electrical service unit, synchronous motor and page printer.
Manufactured by UNIVAC Division of Sperry-Rand Corporation.
Part No. 7033650-00.
Functions as input/output device to computer AN/UYK-5(V). Data entered by keyboard and received on 100 WPM page printer.
11.0 unit code, 60 Hz, 115VAC.
- TT-525/UG Model 28 Receive-Only Page Printer Set.
Consists of floor cabinet, friction feed typing unit, base, synchronous motor, electrical service unit, paper winder and sub-base for stand up operation.
7.00 unit code, 60 Hz, 115VAC.
Includes communication symbol arrangement.
CRITICOM type.
- TT-525X/UG Model 28 Receive-Only Page Printer Set.
Same as TT-525/UG except uses series governed motor.
- TT-533/UG Model 28 Transmitter Distributor Set (Standard Size).
Consists of cover, base, transmitter distributor, series governed motor, gears for 45.5, 50 and 75 baud and tuning fork.
7.00 unit code, 47-63 Hz, 115VAC.
Includes stepping magnet.
CRITICOM type.
- TT-553/UG Model 28 self-contained Transmitter Distributor Set.
Consists of cover (drawer mounted), transmitter distributor, base, tuning fork, series governed motor and gears for 45.5, 50 and 75 baud.
7.00 unit code, 60 Hz, 115VAC.
Includes communication symbol arrangement and stepping magnet.
- TT-556/UG Model 28 Torn Tape Transmitter Group.
Same as TT-310/UG except includes 50 Hz synchronous motor and gears for 45.5, 50 and 75 baud.
CRITICOM type.
- TT-575/UG Teletype High Speed Tape Punch Set.
Same as TT-509/UG except includes 60 Hz synchronous motor.
- TT-583/UG Model 28 Receive-Only Page Printer Set (Relay Rack Mountable).
Same as AN/FGC-116 except includes improved paper winder.
CRITICOM type.
- TT-584/UG Model 28 Receive-Only Page Printer Set.
Same as TT-525X/UG except uses: paper winder LPW300BR instead of PW201BR, electrical service unit 304206 instead of 173783, base LB4/249 instead of LB10/000.
Has gears for 45.5 and 75 baud.

Description of High Level Teletypewriter Equipment (Ashore and Afloat)-Continued

- TT-622/UG Model 28 Torn Tape Transmitter Group (Miniature Size).
Consists of cover, transmitter distributor, base, series governed motor, tuning fork and gears for 74.2 baud.
7.42 unit code, 50/60 Hz, 115VAC.
Includes communication symbol arrangement.
- TT-627/UG Model 28 Receive-Only Page Printer Set.
Consists of floor cabinet, friction feed typing unit, base, synchronous motor, electrical service unit and gears for 74.2 baud.
7.42 unit code, 60 Hz, 115VAC.
Includes communication symbol arrangement and selective calling feature.
- TT-659/UG Model 28 Transmitter Distributor Set (Standard Size).
Consists of cover, base, transmitter distributor, series governed motor and gears for 75 baud.
7.00 unit code, 47-63 Hz, 115VAC.
Includes gold plated contacts and stepping magnet.

SECTION II.

Description of Low Level Teletypewriter Equipment (Ashore and Afloat)

- AN/FGC-144 Model 28 Low Level Keyboard Send-Receive Page Printer Set.
Consists of floor cabinet, friction feed typing unit, keyboard, series governed motor, electrical service unit, signal and clutch electrical service assemblies, gears for 45.5 and 75 baud, tuning fork and sub-base for stand-up operation.
7.00 unit code, 47-63 Hz, 115VAC.
Includes communication symbol arrangement, MIL-STD-188B six volt polar interface and Teletype's TEMPEST feature.
CRITICOM type.
- AN/FGC-148 Model 28 Low Level Keyboard Send-Receive Page Printer Set.
Same as AN/FGC-144 except includes 60 Hz synchronous motor and does not include tuning fork.
CRITICOM type.
- AN/UGC-47 Model 28 Low Level Keyboard Send-Receive Page Printer Set.
Consists of floor cabinet, friction feed typing unit, keyboard, synchronous motor, electrical service unit, signal and clutch electrical service assemblies and gears for 45.5, 50 and 75 baud.
7.00 unit code, 60 Hz, 115VAC.
Includes communication symbol arrangement, MIL-STD-188B six volt polar interface, Teletype's TEMPEST feature, automatic carriage return and line feed and carriage return with line feed.
- AN/UGC-47X Model 28 Low Level Keyboard Send-Receive Page Printer Set.
Same as AN/UGC-47 except includes 50/60 Hz series governed motor.
- AN/UGC-48 Model 28 Low Level Automatic Send-Receive Page Printer Set.
Consists of floor cabinet, friction feed typing unit, keyboard, chadless typing perforator, transmitter distributor, 2 synchronous motors, electrical service unit, signal and clutch electrical service assemblies, auxiliary chadless typing perforator and gears for 45.5, 50 and 74.2 baud.
7.42 unit code, 60 Hz, 115VAC.
Includes communication symbol arrangement, MIL-STD-188B six volt polar interface, Teletype's TEMPEST feature, automatic carriage return and line feed, carriage return with line feed and gear shift with auxiliary perforator for 45.5, 50 and 74.2 baud.
- AN/UGC-48A Model 28 Low Level Automatic Send-Receive Page Printer Set.
Same as AN/UGC-48 except includes fully perforated typing perforator, auxiliary fully perforated typing reperforator and chad facilities.

Description of Low Level Teletypewriter Equipment (Ashore and Afloat)-Continued

- AN/UGC-48BY Model 28 Low Level Automatic Send-Receive Page Printer Set.
Same as AN/UGC-48A except includes 2 series governed motors.
- AN/UGC-48X Model 28 Low Level Automatic Send-Receive Page Printer Set.
Same as AN/UGC-48 except includes (2) 50 Hz synchronous motors.
- AN/UGC-49 Model 28 Low Level Automatic Send-Receive Page Printer Set.
Consists of floor cabinet, friction feed typing unit, keyboard, fully perforated typing reperforator, transmitter distributor, 2 synchronous motors, electrical service unit, signal and clutch electrical service assemblies, auxiliary fully perforated typing reperforator and gears for 45.5 and 75 baud.
7.00 unit code, 60 Hz, 115VAC.
Includes communication symbol arrangement, MIL-STD-188B six volt polar interface and Teletype's TEMPEST feature.
CRITICOM type.
- AN/UGC-49X Model 28 Low Level Automatic Send-Receive Page Printer Set.
Same as AN/UGC-49 except includes (2) 50/60 Hz series governed motors and gears for 75 baud.
- AN/UGC-50 Model 28 Low Level Receive-Only Page Printer Set (Relay Rack Mountable).
Consists of cover, friction feed typing unit, base, synchronous motor, signal electrical service assembly, gears for 45.5, 50 and 75 baud, paper winder and copy display.
7.00 unit code, 60 Hz, 115VAC.
Includes communication symbol arrangement, MIL-STD-188B six volt polar interface and Teletype's TEMPEST feature.
CRITICOM type.
- AN/UGC-50AY Model 28 Low Level Receive-Only Page Printer Set (Relay Rack Mountable).
Same as AN/UGC-50 except includes 50/60 Hz series governed motor and gears for 75 baud.
CRITICOM type.
- AN/UGC-50X Model 28 Low Level Receive-Only Page Printer Set (Relay Rack Mountable).
Same as AN/UGC-50 except includes 50 Hz synchronous motor.
CRITICOM type.
- AN/UGC-50Y Model 28 Low Level Receive-Only Page Printer Set (Relay Rack Mountable).
Same as AN/UGC-50AY except includes tuning fork.
CRITICOM type.

Description of Low Level Teletypewriter Equipment (Ashore and Afloat)-Continued

- AN/UGC-51 Model 28 Low Level Keyboard Send-Receive Page Printer Set (Relay Rack Mountable).
Consists of cover, friction feed typing unit, keyboard, synchronous motor, electrical service assembly, gears for 45.5, 50 and 75 baud, paper winder and copy display.
7.00 unit code, 60 Hz, 115VAC.
Includes communication symbol arrangement, MIL-STD-188B six volt polar interface and Teletype's TEMPEST feature.
CRITICOM type.
- AN/UGC-51AY Model 28 Low Level Keyboard Send-Receive Page Printer Set (Relay Rack Mountable).
Same as AN/UGC-51 except includes 50/60 Hz series governed motor and gears for 75 baud.
CRITICOM type.
- AN/UGC-51X Model 28 Low Level Keyboard Send-Receive Page Printer Set (Relay Rack Mountable).
Same as AN/UGC-51 except uses 50 Hz synchronous motor LMU38 in lieu of 60 Hz synchronous motor LMU3.
- AN/UGC-51Y Model 28 Low Level Keyboard Send-Receive Page Printer Set (Relay Rack Mountable).
Same as AN/UGC-51AY except includes gears for 45.5, 50 and 75 baud.
CRITICOM type.
- AN/UGC-54 Model 28 Low Level Automatic Send-Receive Page Printer Set.
Consists of floor cabinet, friction feed typing unit, keyboard, fully perforated typing reperforator, transmitter distributor, 2 series governed motors, electrical service unit, signal and clutch electrical service assemblies, auxiliary fully perforated typing reperforator, gears for 45.5 and 75 baud, tuning fork and sub-base for stand-up operation.
7.00 unit code, 47-63 Hz, 115VAC.
Includes communication symbol arrangement. MIL-STD-188B six volt polar interface and Teletype's TEMPEST feature.
CRITICOM type.
- AN/UGC-54B Model 28 Low Level Automatic Send-Receive Page Printer Set.
Same as AN/UGC-54 except includes 75 baud gears and does not include tuning fork.
CRITICOM type.
- AN/UGC-55 Model 28 Low Level Keyboard Send-Receive Page Printer Set (Relay Rack Mountable).
Same as AN/UGC-51Y except includes tuning fork.
CRITICOM type.

Description of Low Level Teletypewriter Equipment (Ashore and Afloat)-Continued

- AN/UGC-56 Model 28 Low Level Torn Tape Monitor Group.
Consists of floor cabinet, 2 bases, 2 series governed motors, 6 fully perforated typing reperforators, gears for 45.5 and 75 baud and 2 tape winders.
7.00 unit code, 47-63 Hz, 115VAC.
Includes communication symbol arrangement, MIL-STD-188B six volt polar interface and Teletype's TEMPEST feature.
CRITICOM type.
- AN/UGC-57 Model 28 Low Level Automatic Send-Receive Page Printer Set.
Same as AN/UGC-54 except includes 60 Hz synchronous motors and 75 baud gears.
CRITICOM type.
- AN/UGC-58 Model 28 Low Level Receive-Only Page Printer Set (Relay Rack Mountable).
Same as AN/UGC-50Y except includes gears for 45.5, 50 and 75 baud.
- AN/UGC-60 Model 28 Low Level Keyboard Send-Receive Page Printer Set.
Same as AN/UGC-47 except includes 7.42 unit code and gears for 45.5, 50 and 74.2 baud,
- AN/UGC-60X Model 28 Low Level Keyboard Send-Receive Page Printer Set.
Same as AN/UGC-60 except includes 50 Hz synchronous motor and gears for 74.2 baud.
- AN/UGC-61 Model 28 Low Level Multiple Page Printer Monitor Group.
Consists of floor cabinet, 3 friction feed typing units, keyboard, 3 synchronous motors and gears for 45.5 and 74.2 baud.
7.42 unit code, 60 Hz, 115VAC.
Includes communication symbol arrangement, MIL-STD-188B six volt polar interface, Teletype's TEMPEST feature, automatic carriage return and line feed, carriage return with line feed and 3 paper winders.
- AN/UGC-61A Model 28 Low Level Multiple Page Printer Monitor Group.
Same as AN/UGC-61 except includes more rigid cabinet and parts for bulkhead mounting.
- AN/UGC-61X Model 28 Low Level Multiple Page Printer Monitor Group.
Same as AN/UGC-61 except includes 50 Hz synchronous motors.
- AN/UGC-61Y Model 28 Low Level Multiple Page Printer Monitor Group.
Same as AN/UGC-61 except includes series governed motors and gears for 74.2 baud.

Description of Low Level Teletypewriter Equipment (Ashore and Afloat)-Continued

- AN/UGC-64 Model 28 Low Level Receive-Only Typing Reperforator Set (Standard Size).
Consists of cover, chadless typing reperforator, series governed motor, mounting base and electrical service assembly.
7.42 Unit code, 47-63 Hz, 115VAC.
Includes communication symbol arrangement, MIL-STD-188B six volt polar interface, Teletype's TEMPEST feature, gearshift for 45.5, 56.9 and 74.2 baud and remote control non-interfering BLANK tape feed out.
- AN/UGC-66 Model 28 Low Level Transmitter Distributor Set (Standard Size).
Consists of cover, base, transmitter distributor, series governed motor, gears for 45.5, 50 and 75 baud and tuning fork.
7.00 unit code, 47-63 Hz, 115VAC.
Includes MIL-STD-188B six volt polar interface and Teletype's TEMPEST feature.
- AN/UGC-77 Model 28 Low Level Keyboard Send-Receive Page Printer Set (Compact).
Consists of cover, friction feed typing unit, keyboard, synchronous motor and signal and clutch electrical service assemblies.
7.42 unit code, 60 Hz, 115VAC.
Includes communication symbol arrangement, MIL-STD-188B six volt polar interface, Teletype's TEMPEST feature, gearshift for 45.5, 50 and 74.2 baud, automatic carriage return and line feed and carriage return with line feed.
- AN/UGC-77X Model 28 Low Level Keyboard Send-Receive Page Printer Set (Compact).
Same as AN/UGC-77 except includes 50 Hz synchronous motor.
- AN/UGC-78 Model 28 Low Level Keyboard Send-Receive Typing Reperforator Set.
Consists of cover, fully perforated typing reperforator, keyboard, synchronous motor, signal and clutch electrical service assemblies, gears for 45.5, 50 and 74.2 baud and vacuum chad facilities.
7.42 unit code, 60 Hz, 115VAC.
Includes communication symbol arrangement, MIL-STD-188B six volt polar interface, Teletype's TEMPEST feature, remote control non-interfering BLANK tape feed out and power tape backspace.
- AN/UGC-87 Model 28 Low Level Automatic Send-Receive Page Printer Set.
Same as AN/UGC-54B except includes numbering module.
CRITICOM type.
- AN/UGC-88 Model 37 Low Level Automatic Send-Receive Page Printer Set.
Consists of floor console, sprocket feed typing unit for 8-1/2" wide paper, keyboard, RT module with fully perforated non-typing

Description of Low Level Teletypewriter Equipment (Ashore and Afloat)-Continued

- AN/UGC-88-continued reperfector and reader, 2 series governed motors and gears for 150 baud. 10.00 unit code, 47-63 Hz, 115VAC. Includes ASCII communication up-low symbol arrangement, MIL-STD-188C six volt polar interface, Teletype's TEMPEST feature, converts five level paper tape to ASCII 10.00 unit code on-line, full and half forward and reverse line feed, two color printing, horizontal and vertical tabulation, automatic carriage return and line feed, paper out alarm, form accumulator and paper supply rack.
- AN/UGC-88A Model 37 Low Level Automatic Send-Receive Page Printer Set. Consists of floor console, friction feed typing unit, keyboard, RT module with fully perforated non-typing reperfector and reader, 2 series governed motors and gears for 150 baud. 10.00 unit code, 47-63 Hz, 115VAC. Includes ASCII communication up-low symbol arrangement, MIL-STD-188C six volt polar interface, Teletype's TEMPEST feature, five level 7.00 unit code at 75 baud or eight level 10.00 unit code at 150 baud on-line operation, conversion of five level Baudot code to eight level ASCII code or eight level ASCII code to five level Baudot code, full and half forward and reverse line feed, two color printing, horizontal and vertical tabulation, automatic carriage return and line feed and low paper alarm.
- AN/UGC-88B Model 37 Low Level Automatic Send-Receive Page Printer Set. Same as AN/UGC-88A except includes fully perforated typing perforated.
- AN/UGC-89 Model 37 Low Level Keyboard Send-Receive Page Printer Set. Consists of floor console, sprocket feed typing unit for 8-1/2" wide paper, keyboard, series governed motor and gears for 150 baud. 10.00 unit code, 47-63 Hz, 115VAC. Includes ASCII communication up-low symbol arrangement, MIL-STD-188C six volt polar interface, Teletype's TEMPEST feature, full and half forward and reverse line feed, two color printing, horizontal and vertical tabulation, automatic carriage return and line feed, paper out alarm form, accumulator and paper supply rack.
- AN/UGC-89A Model 37 Low Level Keyboard Send-Receive Page Printer Set. Same as AN/UGC-89 except uses a friction feed typing unit in lieu of sprocket feed. Part Nos. 333158 fanfold rack and 328672 form accumulator are not provided with friction feed units.
- AN/UGC-89B Model 37 Low Level Keyboard Send-Receive Page Printer Set. Same as AN/UGC-89A except prints on perforated tape and has 8 to 5 code conversion in addition to 5 to 8.

Description of Low Level Teletypewriter Equipment (Ashore and Afloat)-Continued

- AN/UGC-90 Model 28 Low Level Automatic Send-Receive Page Printer Set.
Same as AN/UGC-87 except includes two transmitter distributors for tandem operation, two 60 Hz synchronous motors and gears for 45.5 and 75 baud.
CRITICOM type.
- AN/UGC-90X Model 28 Low Level Automatic Send-Receive Page Printer Set.
Same as AN/UGC-90 except includes (2) 50/60 Hz series governed motors and gears for 75 baud.
CRITICOM type.
- AN/UGC-91 Model 28 Low Level Keyboard Send-Receive Page Printer Set (Compact).
Same as AN/UGC-77 except includes weather symbol arrangement.
- AN/UGC-92 Model 37 Low Level Automatic Send-Receive Page Printer Set.
Consists of floor console, sprocket feed typing unit for 9-1/2" wide paper, keyboard, RT module with fully perforated non-typing reperforator and reader, 2 series governed motors and gears for 150 baud.
10.00 unit code, 47-63 Hz, 115VAC.
Includes ASCII communication up-low symbol arrangement, MIL-STD-188C six volt polar interface, Teletype's TEMPEST feature, full and half forward and reverse line feed, two color printing, horizontal and vertical tabulation, automatic carriage return and line feed, paper out alarm, form accumulator, paper, supply rack and 12 characters per inch horizontal spacing.
- AN/UGC-92A Model 37 Low Level Automatic Send-Receive Page Printer Set.
Same as AN/UGC-92 except cabinets have been ruggedized for shipboard use.
- AN/UGC-93 Model 37 Low Level Keyboard Send-Receive Page Printer Set.
Same as AN/UGC-92 except does not include RT module.
- AN/UGC-93A Model 37 Low Level Keyboard Send-Receive Page Printer Set.
Same as AN/UGC-93 except includes ruggedized furniture.
- AN/UGC-96 Model 37 Low Level Automatic Send-Receive Page Printer Set Consists of floor console, friction feed typing unit, keyboard, RT module with fully perforated non-typing reperforator and reader, 2 series governed motors and gears for 150 baud.
10.00 unit code, 47-63 Hz, 115VAC.
Includes communication up-low symbol arrangement, MIL-STD-188C six volt polar interface, Teletype's TEMPEST feature, full and half forward and reverse line feed, 2 color printing, horizontal and vertical tabulation, automatic carriage return and line feed and low paper alarm.
- AN/UGC-104 Model 37 Low Level Keyboard Send-Receive Page Printer Set.
Same as AN/UGC-96 except does not include RT module.

Description of Low Level Teletypewriter Equipment (Ashore and Afloat)-Continued

- AN/UGC-109 Model 37 Low Level Keyboard Send-Receive Page Printer Set.
Consists of floor console, friction feed typing unit, keyboard, series governed motor and gears for 150 baud.
10 unit code, 47-63 Hz, 115VAC.
Includes ASCII communication up-low symbol arrangement, MIL-STD-188C six volt polar interface, Teletype's TEMPEST feature, five level 7.00 unit code at 75 baud or eight level 10.00 unit code at 150 baud on-line operation, conversion of five level Baudot code to eight level ASCII code or eight level ASCII code to five level Baudot code, automatic carriage return and line feed, low paper alarm and ruggedized furniture.
- AN/UGC-110 Model 37 Low Level Automatic Send-Receive Page Printer Set.
Same as AN/UGC-109 except includes RT module with one fully perforated typing reperforator (11/16" wide tape), one fully perforated typing reperforator (1"wide tape) and reader.
- AN/UGC-115 Model 37 Low Level Multiple Page Printer Monitor Group.
Consists of floor rack, 3 friction feed typing units, keyboard, 3 series governed motors and gears for 150 baud.
10.00 unit code, 47-63 Hz, 115VAC.
Includes ASCII communication up-low symbol arrangement, MIL-STD-188C six volt polar interface, Teletype's TEMPEST feature, five level 7.00 unit code at 75 baud or 8 level 10.00 unit code at 150 baud on-line operation, automatic carriage return and line feed, low paper alarm and 3 paper winders.
- AN/UGC-118 Model 37 Low Level Keyboard Send-Receive Page Printer Set (Relay Rack Mountable).
Consists of sprocket feed typing unit for 8-1/2" wide paper, keyboard, series governed motor and gears for 150 baud.
10.00 unit code, 47-63 Hz, 115VAC.
Includes ASCII communication up-low symbol arrangement, MIL-STD-188C six volt polar interface, Teletype's TEMPEST feature, five level 7.00 unit code at 75 baud or eight level 10.00 unit code at 150 baud on-line operation, automatic carriage return and line feed, paper out alarm and rack mounting hardware.
- AN/UGC-119 Model 37 Low Level Keyboard Send-Receive Page Printer Set.
Same as AN/UGC-118 except includes floor console and ruggedized furniture.
- AN/UGC-121 Model 37 Low Level Dual Keyboard Send-Receive Page Printer Set.
Consists of floor rack, 2 friction feed typing units, 2 keyboards, 2 series governed motors and gears for 150 baud.
10.00 unit code, 47-63 Hz, 115VAC.
Includes ASCII communication up-low symbol arrangement, MIL-STD-188C six volt polar interface, Teletype's TEMPEST feature, five level 7.00 unit code at 75 baud or eight level 10.00 unit code at 150 baud on-line operation, automatic carriage return and line feed and low paper alarm.

Description of Low Level Teletypewriter Equipment (Ashore and Afloat)-Continued

- AN/UGC-123' Model 28 Low Level Keyboard Send-Receive Page Printer Set (Compact).
Same as AN/UGC-77 except also includes 50 Hz synchronous motor and associated gears and parts for selective calling.
- AN/UGR-8 Model 28 Low Level Receive-Only Page Printer Set.
Consists of floor cabinet, friction feed typing unit, base, synchronous motor, electrical service unit, signal electrical assembly and gears for 45.5, 50 and 75 baud.
7.00 unit code, 60 Hz, 115VAC.
Includes communication symbol arrangement, MIL-STD-188B six volt polar interface, Teletype's TEMPEST feature, automatic carriage return and line feed and carriage return with line feed.
- AN/UGR-9 Model 28 Low Level Receive-Only Page Printer Set (Compact).
Consists of cover, friction feed typing unit, base, synchronous motor and signal electrical assembly.
7.00 unit code, 60 Hz, 115VAC.
Includes communication symbol arrangement, MIL-STD-188B six volt polar interface, Teletype's TEMPEST feature, gearshift for 45.5, 50 and 75 baud, automatic carriage return and line feed and carriage return with line feed.
- AN/UGR-9X Model 28 Low Level Receive-Only Page Printer Set (Compact).
Same as AN/UGR-9 except includes 50 Hz synchronous motor.
- AN/UGR-10 Model 28 Low Level Multiple Page Printer Monitor Group.
Consists of floor cabinet, 4 friction feed typing units, 4 synchronous motors and gears for 75 baud.
7.00 unit code, 60 Hz, 115VAC.
Includes communication symbol arrangement, MIL-STD-188B six volt polar interface, Teletype's TEMPEST feature, automatic carriage return and line feed, carriage return with line feed and 4 paper winders.
- AN/UGR-10A Model 28 Low Level Multiple Page Printer Monitor Group.
Same as AN/UGR-10 except includes more rigid cabinet and parts for bulkhead mounting.
- AN/UGR-10X Model 28 Low Level Multiple Page Printer Monitor Group.
Same as AN/UGR-10 except includes 50 Hz synchronous motors.
- AN/UGR-10Y Model 28 Low Level Multiple Page Printer Monitor Group.
Same as AN/UGR-10 except includes series governed motors.
- AN/UGR-11 Model 28 Low Level Torn Tape Monitor Group.
Consists of floor cabinet, 2 bases, 2 synchronous motors, 6 fully perforated typing reperforators, gears for 45.5, 50 and 75 baud and 2 tape winders.

Description of Low Level Teletypewriter Equipment (Ashore and Afloat)-Continued

- AN/UGR-11- 7.00 unit code, 60 Hz, 115VAC.
Continued Includes communication symbol arrangement, MIL-STD-188B six volt polar interface and Teletype's TEMPEST feature.
- AN/UGR-12 Model 28 Low Level Torn Tape Receiver Group.
Consists of floor cabinet, 2 bases, 2 series governed motors, 6 fully perforated typing reperforators, gears for 45.5, 50 and 75 baud.
7.00 unit code, 47-63 Hz, 115VAC.
Includes communication symbol arrangement, MIL-STD-188B six volt polar interface and Teletype's TEMPEST feature.
CRITICOM type.
- AN/UGR-13 Model 28 Low Level Torn Tape Monitor Group.
Consists of floor cabinet, 2 bases, 2 series governed motors, 6 fully perforated typing reperforators and gears for 75 baud.
7.00 unit code, 47-63 Hz, 115VAC.
Includes communication symbol arrangement, MIL-STD-188B six volt polar interface and Teletype's TEMPEST feature.
CRITICOM type.
- AN/UGR-15 Inktronic Low Level Receive-Only Page Printer Set.
Consists of floor cabinet for sit down operation, friction feed non-impact printer and control logic.
10.00 unit code, 1200 baud, 60 Hz, 115VAC.
Includes communication symbol arrangement and MIL-STD-188C six volt polar interface.
Does not include Teletype's TEMPEST feature.
- AN/UGR-16 Model 28 Low Level Receive-Only Page Printer Set (Compact).
Same as AN/UGR-9 except includes weather symbol arrangement.
- AN/UGT-4 Model 28 Low Level Torn Tape Transmitter Group.
Consists of floor cabinet, 2 bases, 2 synchronous motors, 6 transmitter distributors and gears for 75 baud.
7.00 unit code, 60 Hz, 115VAC.
Includes 3 numbering modules for tandem operation, MIL-STD-188B six volt polar interface and Teletype's TEMPEST feature.
CRITICOM type.
- AN/UGT-4X Model 28 Low Level Torn Tape Transmitter Group.
Same as AN/UGT-4 except includes series governed motors.
CRITICOM type.
- AN/UGT-5 Model 28 Low Level Torn Tape Transmitter Group.
Consists of floor cabinet, 2 bases, 2 synchronous motors, 6 transmitter distributors and gears for 74.2 baud.
7.42 unit code, 60 Hz, 115VAC.
Includes 3 numbering modules for tandem operation, MIL-STD-188B six volt polar interface and Teletype's TEMPEST feature.

Description of Low Level Teletypewriter Equipment (Ashore and Afloat) -Continued

AN/UGT-6	Model 28 Low Level Torn Tape Transmitter Group. Consists of floor cabinet, 2 bases, 2 synchronous motors, 6 transmitter distributors and gears for 74.2 baud. 7.42 unit code, 60 Hz, 115VAC. Includes 6 numbering modules, MIL-STD-188B six volt polar interface, and Teletype's TEMPEST feature.
AN/UGT-6A	Model 28 Low Level Torn Tape Transmitter Group. Same as AN/UGT-6 except includes more rigid cabinet and parts for bulkhead mounting.
AN/UGT-7	Model 28 Low Level Torn Tape Transmitter Group. Consists of floor cabinet, 2 bases, 2 synchronous motors, 6 transmitter distributors and gears for 75 baud. 7.00 unit code, 60 Hz, 115VAC. Includes 6 numbering modules, MIL-STD-188B six volt polar interface and Teletype's TEMPEST feature. CRITICOM type.
TT-570/UG	Model 28 Low Level Transmitter Distributor Set (Miniature Size). Consists of cover, base, transmitter distributor, synchronous motor and gears for 45.5, 50 and 75 baud. 7.00 unit code, 60 Hz, 115VAC. Includes MIL-STD-188B six volt polar interface and Teletype's TEMPEST feature.
TT-571/UG	Model 28 Low Level Receive-Only Typing Reperforator Set (Standard Size). Same as AN/UGC-64 except includes 60 Hz synchronous motor.
TT-576/UG	Model 28 Low Level Torn Tape Receiver Group. Same as AN/UGR-12 except includes 60 Hz synchronous motors. CRITICOM type.
TT-576A/UG	Model 28 Low Level Torn Tape Receiver Group. Same as TT-576/UG except includes more rigid cabinet, parts for bulkhead mounting and gears for 75 baud only. CRITICOM type.
TT-577/UG	Model 28 Low Level Torn Tape Monitor Group. Same as AN/UGR-13 except includes 60 Hz synchronous motors and gears for 45.5, 50 and 75 baud. CRITICOM type.
TT-578/UG	Model 28 Low Level Torn Tape Receiver Group. Same as TT-576/UG except includes 50 Hz synchronous motors. CRITICOM type.
TT-579/UG	Model 28 Low Level Torn Tape Monitor Set. Same as TT-577/UG except includes 50 Hz synchronous motors. CRITICOM type.

Description of Low Level Teletypewriter Equipment (Ashore and Afloat)-Continued

- TT-603/UG Model 28 Low Level Transmitter Distributor Set (Miniature Size).
Consists of cover, base, transmitter distributor, synchronous motor and gears for 45.5, 50 and 74.2 baud.
7.42 unit code, 60 Hz, 115VAC.
Includes MIL-STD-188B six volt polar interface and Teletype's TEMPEST feature.
- TT-605/UG Model 28 Low Level Receive-Only Typing Reperforator Set (Miniature Size).
Consists of cover, fully perforated typing reperforator, synchronous motor, mounting base, sliding base
and vacuum chad facilities.
7.00 unit code, 60 Hz, 115VAC.
Includes communication symbol arrangement, MIL-STD-188B six volt polar interface, Teletype's
TEMPEST feature, gearshift for 45.5, 50 and 75 baud and automatic non-interfering LETTERS tape feed
out.
- TT-624(V)/UG Teleprinter.
Eight bit ASCII (bit parallel, character serial). Accommodates 8-1/2 to 9-7/8 inch folded form paper or 8-
1/2 inch roll.
Operating speed 3600 WPM, 60 Hz, 115VAC, single phase.
Optional Features: 0 or 1 auxiliary buffer, or NTDS slow 8-bit; 0 or 1 interface, 8-bit ASCII (bit serial,
character serial); 0 or 1 serial interface, ASCII; 5 bit ITA-2 (bit serial, character serial); 0 or 1 serial
interface, Baudot with auxiliary buffer; 0 or 1 output distribution device interface.
Manufacturer Data Products Corp.
Model 2910 Militarized Teleprinter for general purpose use. Can be used with a computer as a
peripheral printer or interface directly to a serial to paralleled converter and a high speed serial data line.
Used with data telegraph terminals. Also designed to be equipped with a variety of optional interfaces.
- TT-624(V)1/UG teleprinter.
8 bit ASCII (bit serial, character serial). Unit incorporates option of 1 each serial interface, ASCII.
Model 2910 (8 bit serial option).
Manufacturer Data Products Corp.
3600 WPM, 115VAC, 60 Hz single phase.
Extremely rugged and reliable high speed tele printer.
Can be used with a computer as a peripheral printer or it can interface directly to a serial to parallel
converter or a high speed serial data line. Designed to be equipped with a variety of optional interfaces.
- TT-624(V)2/UG Teleprinter.
Parallel, incorporates option 1 each output distribution device, Model 2910 militarized teleprinter.
3600 WPM, 115VAC, 60 Hz, single phase.

Description of Low Level Teletypewriter Equipment (Ashore and Afloat)-Continued

TT-624(V)2/UG Can be used with a computer as a peripheral printer or it can continued interface directly to a serial to parallel converter or a high speed serial data line.

TT-624(V)3/UG Teleprinter.

8 bit ASCII (bit serial, character serial). Accommodates roll paper stock in 1 to 4 ply, 8-7/16" wide or 2 part spirit duplication rolls.

Model 2910 militarized teleprinter.

3600 WPM, 115VAC, 60 Hz, single phase.

Incorporates following options:

- 1 ea serial interface, ASCII
- 1 ea output distribution device interface

Meets Litton Industries Spec 118154-620 for communication medium speed printer.

Can be used with a computer as a peripheral printer or it can be interfaced directly to a serial to parallel converter or a high speed serial data line.

TT-624(V)4/UG Teleprinter.

8 bit ASCII (bit parallel, character serial). Incorporates option 8 bit ASCII serial interface with or without buffer.

Accommodates 8-1/2" continuous fold or 5 in. dia. roll paper.

Logic levels:

- 1 = 2.5 to 5.5V
- 0 = 0.0 to 0.45V

Impact type line printer up to 1100 lines per minute.

115VAC, 60 Hz, single phase.

Manufacturer Data Products Corp.

Part number 219326-1

Special features:

- A. Continuous Bit Parallel, Character Serial Input at a slow rate is allowed to accumulate in the buffer during zone switching and paper moves.
- B. Character Strobe Response to Printer Character Demand Level.
- C. Security Locks on I/O Connector and Electronic Bay.
- D. Tractor and Roll Feed Mechanism.
- E. Data Compression If the Buffer accumulates 160 or more characters, output from printer is reformatted to print short messages across the page with spaces between the short messages.

Receives and stores electrical input signals, representing character data, then converts the stored data into printed output.

Control Instructions from the data source direct operation of the printer according to the instruction message content.

Description of Low Level Teletypewriter Equipment (Ashore and Afloat)-Continued

TT-624(V)5/UG Teleprinter.

8 bit ASCII (bit parallel character serial).

Incorporates option serial ITA-2 and buffer.

Accommodates 8-1/2" continuous fold or 5 in. dia. roll paper.

Logic levels:

1 = +0.6 to +6.0V

0 = -0.6 to -6.0V

Impact type line printer up to 1100 lines per minute. Low Level as described in MIL-STD-188B.

Continuous bit serial input at baud rates 75, 150, 300, 600, 1200, 1800, or 2400.

115VAC, 60 Hz, single phase.

Manufacturer Data Products Corp.

Part number 219325-1 Special features:

A. Security Lock on I/O Connector and Electronic Bay.

B. Tractor and Roll Feed Mechanism.

C. Data Compression.

D. Serial to Parallel Assembly Register.

E. Code Converter to Convert ITA-2 to ASCII with form feed code replacing the # symbol in the ITA-2 set.

Printer receives and stores electrical input signals, representing character data, then converts stored data into a printed output. Control instructions from the data source direct operation of the printer according to the instruction message content. This serial-interface printer is installed as part of the message processing set to enable print out of system functional data such as messages for microfilming, "no concern" messages and book-keeping information.

TT-624(V)6/UG Teleprinter.

8 bit ASCII (bit parallel character serial).

Incorporates option 8 bits NTDS slow interface (bit parallel character serial, 7 bits with odd parity ASCII code).

Accommodates 8-7/16 inch roll paper, 1 to 4 ply or fan fold forms including card stock.

Print speed up to 1110 lines per minute.

Demand-Response operation using output data request and output data knowledge lines.

Logic Level:

Input 0 = -0.5 to +0.8V

1 = +2.0 to +5.5V

Output 0 = 0.0 to +0.45V

1 = +2.5 to +5.5V

Description of Low Level Teletypewriter Equipment (Ashore and Afloat)-Continued

TT-624(V)6/UG 115VAC, 60 Hz, single phase.

continued

Manufacturer - Data Products Corp.

Part number 219324-1. For general purpose use.

Special features:

- A. External function acknowledge and bit 1 are decoded for master clear.
- B. If the printer ready status changes, the status bit is sent and an External Interrupt Request is generated if the External Interrupt Enable is true. The computer responds with External Interrupt Acknowledge.
- C. Security lock on Electronic Bay.
- D. Tractor and roll feed mechanism.
- E. Two UNIVAC 90 pin connectors used for I/O.

Prints alphanumeric and special symbols.

Respond to internally generated signals and/or input data from central processing units and peripherals.

TT-624(V)7/UG Teleprinter.

8 bit ASCII (bit parallel character serial).

Demand stroke operation.

Incorporates option 1 each bit parallel, character serial, 7 bits with odd parity ASCII.

Accommodates continuous fold form 8-1/2" through 9-7/8" or 8-1/2" roll form.

Interface signals compatible with TTL logic.

Logic levels:

1 = +2.0 to +5.5V

0 = +0.5 to +0.8V

115VAC, 60 Hz, single phase.

Manufacturer - Data Products Corp.

Part number 219319-1

For general purpose use. Used with Data Communication Terminal AN/TYC-5A(V).

Special features:

- A. Tractor and roll feed mechanism.
- B. Unique character drum.
- C. "Out of Paper" is used with "Paper Low".
- D. Perforation skip over 12 lines.
- E. Unique power and I/O connectors.
- F. Underline capability is defeated.
- G. Power input receptacle - MS3102R-105L-3P signal I/O receptacle - MS27508E16B355 Modified MIL-STD-188C 64 symbol page printing subset.

Description of Low Level Teletypewriter Equipment (Ashore and Afloat)-Continued

TT-624(V)7/UG High speed teleprinter used to generate an output hard copy of alphanumeric characters and special continued symbols in response to internally generated automatic signals, manually operated controls , digital data, and signals from control processors or other peripheral devices such as magnetic tape, display units, and communication systems.

SECTION III.

TELETYPEWRITER SUB-ASSEMBLY COMPONENT
IDENTIFICATION MATRIX

Table 1-1. Sub-Assembly Type Designation to Teletype Code and Major Unit

<u>TYPE DESIGNATION</u>	<u>TTY CODE</u>	<u>DESCRIPTION</u>	<u>MAJOR UNIT</u>
CW-354/UG	LPC202BR	Cover	AN/UGC-19, 22, 22A, 34, TT-176/UG, 176A, 176B, 176C, 240
CW-568/UG	LPC206BR	Cover	AN/FGC-72X, 98X, 116, AN/UGC-63, TT-340, 341, TT-306/UG, 306A, 306B, 306X, 307, 307A, 307B, 340, 340A, 340B, 341, 341A, 341B, 341C
Unassigned	BRPEC200	Cover	AN/GGA-19, T-329, 350, 509, 575
Unassigned	CXC200BU	Cover	AN/GGA-20, TT-463/UG
Unassigned	LPC213BR	Cover	AN/UGC-50, 50AY, 50OX, 50Y, 51, 51AY, 51X, 51Y, 55, 58
Unassigned	LPC400BR	Cover	AN/UGC-20, 20AX, 20X, 43
Unassigned	LPC401BR	Cover	AN/UGC-25, 25A, 25AX, 25X, AN/UGR-4
Unassigned	LPC402BR	Cover	AN/UGR-9, 9X, 16
Unassigned	LPC403BR	Cover	AN/UGC-20B, 20BX, 77, 77X, 91, 123
Unassigned	LRC200BR	Cover	AN/UGC-70, AN/UGR-17
Unassigned	LRC202BR	Cover	AN/UGC-64, TT-192/UG, 192B, 274, 274A, 274B, 571
Unassigned	LRC205BR	Cover	AN/UGR-2, TT-192A/UG
Unassigned	LRC211BR	Cover	TT-192C/UG, 605

Table 1-1. Sub-Assembly Type Designation to Teletype Code and Major Unit-Continued

<u>TYPE DESIGNATION</u>	<u>TTY CODE</u>	<u>DESCRIPTION</u>	<u>MAJOR UNIT</u>
Unassigned	LSRC200BR	Cover	AN/UGC-78, TT-253/UG, 253A, 253B, 253C, 253D, 292, 292A
Unassigned	LXDC200BR	Cover	AN/FGT-5, AN/UGA-7, AN/UGC-66, TT-187/UG, 273, 273A, 533, 553, 659
Unassigned	LXDC201BR	Cover	TT-187A/UG, 187B, 187C, 187D, 187E, 570, 603, 622
Unassigned	LXDC202BR	Cover	AN/UGC-71
CY-870/UG	LAC200BJ104	Cabinet	TT-47A, 47B, 128, 131, 171, 241
CY-871/UG	LAC201BJ105	Cabinet	TT-69, 69A, 70A, 70B, 130, 248
CY-1104/UG	PCU1	Cabinet (Upper)	AN/UGR-1, 1A, TT-262/UG, TT-287/GPA-73
CY-1105/UG	PCL1	Cabinet (Lower)	AN/UGR-1, 1A TT-262/UG, TT-287/GPA-73
CY-2320/SGA-3	LAC207BR248	Cabinet	TT-234/SGA-3
CY-2529/UG	LAAC200AB	Cabinet	AN/FGC-21, 21X
CY-2529/UG	LAAC200BR	Cabinet	AN/UGC-5, 5A, 5AX, 5B, 5BX, 5C, 5X, 6, 6A, 6AX, 6B, 6C, 6D, 6E, 6F, 6FX, 6G, 6HX, 6J, 6JX, 6K, 6L, 6MY, 6NX, 6X, 7, 7X, 8, 8A, 8AX, 8B, 8X
CY-2538/UG	LAC204BR237	Cabinet	AN/UGR-3, TT-47C/UG, 47D, 47E, 47F, 47G, 47H, 47J, 47K, 48B, 48C, 48D, 48E, 48E, 48G, 48H, 48J, 128A, 128B, 128C, 129A, 171A, 171B, 171C, 243, 244, 244A, 283, 283A

Table 1-1. Sub-Assembly Type Designation to Teletype Code and Major Unit-Continued

<u>TYPE DESIGNATION</u>	<u>TTY CODE</u>	<u>DESCRIPTION</u>	<u>MAJOR UNIT</u>
CY-2539/UG	LAC203BR236	Cabinet	TT-69B/UG, 69C, 69D, 69E, 69F, 69G, 70C, 70D, 70E, 70F, 130A, 130B, 130C, 131A, 261, 261A, 261B, 275
CY-3058/UG	LBAC222BR	Cabinet	AN/UGC-14
CY-3059/UG	LBAC223BR	Cabinet	AN/FGT-6, TT-310/UG, TT-556/UG
CY-3060/UG	LBAC224BR	Cabinet	AN/FGR-8 TT-309/UG
CY-3061/UG	LBAC225BR	Cabinet	AN/FGR-9, AN/GGC-12, TT-308/UG, TT-308X/UG
CY-3062/UG	LAAC229BR	Cabinet	AN/UGC-13, 13AX, 13B, 13BX, 13C, 13CX, 13X, 32, 32X, 32Y, 35, 37, 44, 62, 67
CY-3249/UG	LBAC229BR	Cabinet	AN/FGC-59, AN/FGT-4, AN/UGT-8, AN/UGC-65, TT-333/UG, TT-405/UG
CY-3250/UG	LBAC230BR	Cabinet	AN/FGC-59, AN/FGR-6, TT-332/UG, TT-404/UG
CY-3251/UG	LBAC231BR	Cabinet	AN/FGC-59, AN/FGR-5, TT-331/UG, TT-403/UG
CY-3682/UG	LAAC237BR	Cabinet	AN/UGC-15X, 18
CY-3683/UG	LBAC238BR	Cabinet	AN/UGC-17
CY-3689/FGC-74	LBAC241BR	Cabinet	AN/FGC-74, 74X
CY-3698/UG	LBAC243BR	Cabinet	AN/FGR-5A, AN/UGC-68 TT-331A/UG, TT-403A/UG,
CY-3699/UG	LBAC242BR	Cabinet	AN/FGR-6A, TT-332A/UG, TT-404A/UG
CY-4166/FGC-79	LBAC248BR	Cabinet	AN/FGC-79, 79A, 79AX, 79X

Table 1-1. Sub-Assembly Type Designation to Teletype Code and Major Unit-Continued

<u>TYPE DESIGNATION</u>	<u>TTY CODE</u>	<u>DESCRIPTION</u>	<u>MAJOR UNIT</u>
CY-4458/UG	LBAC232BR	Cabinet	AN/FGC-59, TT-461/UG, TT-462/UG
CY-4459/UG	LBAC250BR	Cabinet	TT-33A/UG, TT-405A/UG
CY-4701/FGC-96	LBAC253BR	Cabinet	AN/FGC-96, 96A, 96X
CY-4702/UCC-31	LBAC253BR	Cabinet	AN/UGC-31, 45
CY-4703/FGC-97	LAC214BR255	Cabinet	AN/FGC-72AX, 72BX, 97, 97X, AN/UGC-105, 106, 107, TT-525/UG, TT-525X/UG
CY-4704/GGR-1	LBAC254BR	Cabinet	AN/GGR-1, 1A, 1X
CY-4705/GGR-2	LBAC257BR	Cabinet	AN/GGR-2, 2A, 2X
CY-4706/GGT	LBAC256BR	Cabinet	AN/GGT-3, 4
CY-4706/UG	LBAC256BR	Cabinet	AN/GGT-3X
CY-4786/FGC-74A	LBAC261BR	Cabinet	AN/FGC-74A
CY-4787/FGC-100	LBAC264BR	Cabinet	AN/FGC-100, 100A, 101
CY-4788/UG	LBAC7519SBR	Cabinet	TT-310A/UG
CY-4789/UG	LBAC260BR	Cabinet	TT-308A/UG
CY-4790/UG	LBAC259BR	Cabinet	TT-309A/UG
CY-4852/UG	LBAC240BR	Cabinet	TT-461A/UG, TT-462A/UG
Unassigned	LAC200BJ	Cabinet	TT-47, 48, 70
Unassigned	LAC203BR149	Cabinet	TT-247/FG
Unassigned	LAC204BR148	Cabinet	TT-243/FG
Unassigned	LAC227BR	Cabinet	AN/UGC-47, 47X, 60, 60OX, AN/UGR-8
Unassigned	LAC230BR	Cabinet	AN/FGC-144, 148
Unassigned	LAC301HF	Cabinet	AN/UGC-79
Unassigned	LAAC214BR	Cabinet	AN/FGC-56, 56X, 58, 58X

Table 1-1. Sub-Assembly Type Designation to Teletype Code and Major Unit-Continued

<u>TYPE DESIGNATION</u>	<u>TTY CODE</u>	<u>DESCRIPTION</u>	<u>MAJOR UNIT</u>
Unassigned	LAAC251BR	Cabinet	AN/UGC-48, 48X
Unassigned	LAAC252BR	Cabinet	AN/UGC-49, 49X, 54, 54B, 57
Unassigned	LAAC255BR	Cabinet	AN/UGC-48A, 48BY
Unassigned	LAAC257BR	Cabinet	AN/UGC-69
Unassigned	LAAC259BR	Cabinet	AN/UGC-87, 90, 90X
Unassigned	LAAC300HF	Cabinet	AN/UGC-59, 59A, 116
Unassigned	LBAC233BR	Cabinet	AN/FGC-69, 69X
Unassigned	LBAC267BR	Cabinet	AN/UGC-56, AN/UGR-13, TT-577/UG, TT-579/UG
Unassigned	LBAC268BR	Cabinet	AN/UGR-12, TT-576/UG, TT-578/UG
Unassigned	LBAC272BR	Cabinet	AN/UGT-4, 4X
Unassigned	LBAC273BR	Cabinet	AN/UGT-6, 7
Unassigned	LBAC274BR	Cabinet	AN/UGT-5
Unassigned	LBAC278BR	Cabinet	AN/UGC-108
Unassigned	LBAC280BR	Cabinet	AN/UGC-61, 61X, 61Y
Unassigned	LBAC281BR	Cabinet	AN/UGR-10, 10OX, 10Y
Unassigned	LBAC282BR	Cabinet	AN/UGR-11
Unassigned	LBAC283BR	Cabinet	TT-576A
Unassigned	LBAC284BR	Cabinet	AN/UGT-6A
Unassigned	LBAC285BR	Cabinet	AN/UGC-61A
Unassigned	LBAC286BR	Cabinet	AN/UGR-10A
MT-1443/UG	LB4/161	Receive-Only Base	AN/UGR-3 TT-171C/UG, 261, 261B, 275, 283, 283A
MT-1443/UG	LLB1	Base	AN/UGC-25, 25A, AN/UGR-4

Table 1-1. Sub-Assembly Type Designation to Teletype Code and Major Unit-Continued

<u>TYPE DESIGNATION</u>	<u>TTY CODE</u>	<u>DESCRIPTION</u>	<u>MAJOR UNIT</u>
MT-2099/UG	LCXB1	Transmitter Distributor Base	AN/UGC-5, 5A, 5AX, 5B, 5BX, 5C, 5X, 6, 6A, 6AX, 6B, 6C, 6D, 6E, 6F, 6FX, 6G, 6HX, 6J, 6JX, 6K, 6L, 6MY, 6NX, 6X, 7, 7X, 8, 8A, 8AX, 8B, 8X
MT-2234/UG	LRB6	Typing Reperforator Base	AN/UGC-6, 6A, 6AX, 6B, 6X, 8, 8A, 8AX, 8X
MT-2272/UG	LRB42	Typing Reperforator Base	AN/UGC-16, 16A, 18
MT-2419/UG	LB10/000	Receive-Only Base	TT-306/UG, TT-306A/UG
MT-2419/UG	LB10	Receive-Only Base	AN/FGC-116, AN/UGC-50, 50AY, 50OX, 50Y, 58, TT-306B/UG, 340, 340B 525, 525X 583
MT-2420/UG	LMXB205BR	T.D. Base	AN/FGT-6, TT-306/UG, 306A, 310, 310A, 556
MT-2421/UG	LMXB206BR	T.D. Base	AN/FGT-6, TT-310/UG, 310A, 556
MT-2422/UG	LRB32	Base	AN/UGC-13, 13AX, 13B, 13BX, 13C, 13CX, 13X, 32, 32X 32Y, 35, 37, 44, 62, 67
MT-2423/UG	LMRB203BZ	Typing Reperforator Base	AN/FGR-5, 5A, 6, 6A, 8, 9, AN/GGC-12, AN/GGR-2, 2A, 2X, AN/UGR-19, 20, TT-308/UG, 308A, 308X, 309, 309A
MT-2424/UG	LRXB17	Reperforator	AN/UGC-14, 31, 45 Transmitter Base
MT-2452/UG	LCXB13	Transmitter Distributor Base	AN/UGC-13, 13AX, 13B, 13BX, 13X, 15X, 18, 32, 32X, 35, 37, 44, 62, 67

Table 1-1. Sub-Assembly Type Designation to Teletype Code and Major Unit-Continued

<u>TYPE DESIGNATION</u>	<u>TTY CODE</u>	<u>DESCRIPTION</u>	<u>MAJOR UNIT</u>
MT-2594/UG	LMRB204BZ	Typing Reperforator Base	AN/FGC-59, AN/UGC-68 TT-331/UG, 331A, 332, 332A, 403, 403A, 404, 404A, 461, 461A, 462, 462A
MT-2600/UG	LMXB200	Transmitter Distributor Base	AN/FGT-4
MT-2600/UG	LMXB200BR	T.D. Base	AN/FGC-59, AN/UGC-65, AN/UGT-8, TT-333/UG, 405, 461, 461A, 462, 462A
MT-2625/UG	LRB36	Base	AN/UGC-6C, 6D, 6E, 6F, 6FX, 6G, 6J, 6JX, 6K, 6L, 6NX, 8
MT-2726/UGR-1	LB7/000	Receive-Only Base	AN/UGR-1, 1A, TT-262/UG, TT-287/GPA-73
MT-2727/UGR-1	LRB38	Tape Printer Base	AN/UGR-1, 1A
MT-2773/UG	LRXB27	Reperforator Transmitter Base	AN/UGC-17
MT-2787/UG	LB29/000	Receive-Only Base	TT-261A/UG
MT-3299/UG	LMXB207BR	Base	AN/GGT-3, 3X, 4 TT-333A/UG, TT-405A/UG
MT-3369/UG	LRB51	Base	AN/UGC-6HX, 6MY
MT-3492/GGR-1	LMBR207BZ	Base	AN/GGR-1, 1A, 1X
MT-3493/GGT	LMXB209BR	Transmitter Distributor Base	AN/GGT-3, 3X, 4
Unassigned	BRPE15	Base	TT-575/UG
Unassigned	BRPE21	Base	AN/GGA-19
Unassigned	BRPEB6	Base	TT-329/UG, TT-509/UG
Unassigned	BRPEB8	Base	TT-350/UG

Table 1-1. Sub-Assembly Type Designation to Teletype Code and Major Unit-Continued

<u>TYPE DESIGNATION</u>	<u>TTY CODE</u>	<u>DESCRIPTION</u>	<u>MAJOR UNIT</u>
Unassigned	BRPEB13	Base	TT-575/UG
Unassigned	CXB1	Base	AN/GGA-20, TT-463
Unassigned	LB4/249	Receive-Only Base	TT-548/UG
Unassigned	LB40	Receive-Only Base	AN/UGR-8
Unassigned	LCXB8	Transmitter Distributor Base	AN/FGC-21, 56, 56X, 58, 58X. AN/UGC-69
Unassigned	LCXB22	Transmitter Distributor Base	AN/UGC-13C, 13CX
Unassigned	LCXB24	Transmitter Distributor Base	AN/UGC-48, 48BY, 48X, 49, 49X, 54, 54B, 57
Unassigned	LCXB26	Transmitter Distributor Base	AN/UGC-87
Unassigned	LCXB27	Transmitter Distributor Base	AN/UGC-90
Unassigned	LK804ATL	Keyboard Base	AN/UGC-79
Unassigned	LLB2	Base	AN/UGC-25AX, 25X
Unassigned	LLB5	Base	AN/UGR-9, 9X, 16
Unassigned	LLK2ARN	Keyboard Base	AN/UGC-20
Unassigned	LLK2CRM	Keyboard Base	AN/UGC-43
Unassigned	LLK3ARN	Keyboard Base	AN/UGC-20X
Unassigned	LLK3CRL	Keyboard Base	AN/UGC-20AX
Unassigned	LLK4CRM	Keyboard Base	AN/UGC-91
Unassigned	LLK4CRS	Keyboard Base	AN/UGC-20B, 20BX, 77, 77X

Table 1-1. Sub-Assembly Type Designation to Teletype Code and Major Unit-Continued

<u>TYPE DESIGNATION</u>	<u>TTY CODE</u>	<u>DESCRIPTION</u>	<u>MAJOR UNIT</u>
Unassigned	LLK5CRS	Keyboard Base	AN/UGC-123
Unassigned	LMRB210	Typing Reperforator Base	AN/UGR-11, 12, 13, AN/UGC-56, TT-576, 577, 578, 579
Unassigned	LMXB213BR	Transmitter Distributor Base	AN/UGT-4, 4X, 5, 7
Unassigned	LMXB214BR	Transmitter Distributor Base	AN/UGT-6, 6A
Unassigned	LMXB215	Transmitter Distributor Base	TT-576A
Unassigned	LRB8	Base	AN/UGC-64, TT-192/UG, 274, 571
Unassigned	LRB20	Base	AN/FGC-58, 58X
Unassigned	LRB31	Base	AN/UGR-2, TT-192A
Unassigned	LRB49	Base	TT-192B/UG, 274B
Unassigned	LRB57	Base	TT-274A
Unassigned	LRB58	Base	AN/UGR-17
Unassigned	LRB59	Base	AN/UGC-49, 49X, 54, 54B, 57, 87, 90
Unassigned	LRB60	Base	AN/UGC-48, 48A, 48BY, 48X
Unassigned	LRB62	Base	TT-192C/UG, 605
Unassigned	LXDB1	Base	TT-187/UG, 273
Unassigned	LXDB3	Base	AN/FGT-5, TT-273A/UG, 622
Unassigned	LXDB4	Base	TT-187A/UG, 187B, 187C
Unassigned	LXDB9	Base	AN/UGA-7, AN/UGC-66, TT-533/UG, 553, 659

Table 1-1. Sub-Assembly Type Designation to Teletype Code and Major Unit-Continued %N

<u>TYPE DESIGNATION</u>	<u>TTY CODE</u>	<u>DESCRIPTION</u>	<u>MAJOR UNIT</u>
Unassigned	LXDB19	Base	TT-187E
Unassigned	LXDB20	Base	TT-570/UG, 603
Unassigned	LXDB21	Base	AN/UGC-71
Unassigned	LXDB75965	Base	TT-187D
MX-1114/UG	LK1/MT	Keyboard	TT-47, 48, 69, 70
MX-1114A/UG	LK3RN101	Keyboard	TT-47A, 48A, 69A, 70A, 244, 244A, 248
MX-1114B/UG	LK4RN126	Keyboard	TT-47B/UG, 47C, 48B, 69B, 70B, 70C
MX-1114C/UG	LK9BRJ	Keyboard	TT-234/SGA-3
MX-1114C/UG	LK1OARN	Keyboard	TT-47D/UG, 47E, 48C, 48E, 69C, 69F, 70D
MX-1115/UG	LP1/291	Typing Unit	TT-47, 48, 69, 70 *
MX-1115A/UG	LP3RN/AC100	Typing Unit	TT-47A, 48A, 69A, 70A, 171, 241
MX-1115B/UG	LP14RN/AY	Typing Unit	AN/UGC-5, 5X, 6, 6D, 6X, TT-47C/UG, 47D, 47F, 48B, 48C, 69B, 69C, 70C, 70D, 171A, 261, 275, 283
MX-1115B/UG	LP14WY/AY	Typing Unit	TT-234/SGA-3
MX-1421A/UG	LK3RE101	Keyboard	TT-128A, 129A, 130A, 131A
MX-1422A/UG	LP14RE/AY	Typing Unit	AN/UGC-7, 7X, 8, 8X, TT-128A/UG, 129A, 130A, 130B, 131A
MX-1667A/UG	LK8ARN	Keyboard	AN/UGC-22 TT-176A/UG
MX-1676/UG	LP4RN/AC117	Keyboard	TT-176, 240
MX-1677/UG	LK4RN/118	Keyboard	TT-176, 240
MX-2643/UG	LAK4ARN	Keyboard	AN/UGC-5, 5A, 5AX, 5X, 6, 6A, 6AX, 6B, 6C, 6X

Table 1-1. Sub-Assembly Type Designation to Teletype Code and Major Unit-Continued

<u>TYPE DESIGNATION</u>	<u>TTY CODE</u>	<u>DESCRIPTION</u>	<u>MAJOR UNIT</u>
MX-2858/UG	LAK4ARE	Keyboard	AN/UGC-7, 7X, 8, 8A, 8AX, 8X
MX-2984/UG	LP14RN/AGH	Typing Unit	AN/UGC-5A, 5AX, 6A, 6AX, 6G, TT-47E/UG, 47G, 48E
MX-3080/UG	LP65RN/AGB	Typing Unit	AN/UGC-22, TT-176A/UG
MX-3310/UG	LK25BRW	Keyboard	AN/FGC-72, 72AX, 72BX, 72X, 97, 97X, 98X AN/UGC-63 TT-307/UG, 307A, 341, 341A, 341B, 341C
MX-3311/UG	LP77BG/AGM	Typing Unit	AN/UGC-13, 13AX, 13X, TT-306A/UG, 307A, 340B, 341C
MX-3311/UG	LP77YD/AGM	Typing Unit	AN/FGC-72AX, 72BX, 72X, 98X, 116, AN/UGC-13B, 13BX, 13C, 13CX, 63, TT-306/UG, 306B, 306X, 307, 307B, 340, 340A, 341, 341A, 341B, 525, 525X, 583
MX-3312/UG	LAK21BSS	Keyboard	AN/UGC-13, 13AX, 13X
MX-3312/UG	LAK21BRW	Keyboard	AN/UGC-13C, 13CX
MX-4118/UGR-1	PF3	Frame	AN/UGR-1, 1A, TT-262/FG, 287/GPA-73
MX-6933/UG	LP77YD/AJV	Typing Unit	AN/FGC-97, 97X, AN/UGC-32, 32X, 32Y, TT-584/UG
MX-6934/UG	LAK47BRW	Keyboard	AN/UGC-32, 32X, 32Y
MX-6935/FGC96	LP124YD/AJU	Typing Unit	AN/FGC-96, 96X
MX-6936/FGC96	LK52BRW	Keyboard	AN/FGC-96, 96X
MX-6937/FGC97	LK53BRW	Keyboard	AN/FGC-97, 97X
MX-7180	LAK47ARE	Keyboard	AN/UGC-37, 44
MX-7181	LP77RE/AJV	Typing Unit	AN/UGC-37, 44
Unassigned	LAK4ARK	Keyboard	AN/FGC-21, 21X

Table 1-1. Sub-Assembly Type Designation to Teletype Code and Major Unit-Continued

<u>TYPE DESIGNATION</u>	<u>TTY CODE</u>	<u>DESCRIPTION</u>	<u>MAJOR UNIT</u>
Unassigned	LAK11BRE	Keyboard	AN/FGC-56, 56X, 58, 58X
Unassigned	LAK33BRW	Keyboard	AN/UGC-13BX
Unassigned	LAK51ARN	Keyboard	AN/UGC-48, 48X
Unassigned	LAK51BRJ	Keyboard	AN/UGC-48A, 48BY
Unassigned	LAK55BSS	Keyboard	AN/UGC-54, 54B, 57, 87
Unassigned	LAK56ARE	Keyboard	AN/UGC-62
Unassigned	LAK56BRW	Keyboard	AN/UGC-67
Unassigned	LK18BRE	Keyboard	TT-243/FG, TT-247/FG
Unassigned	LK29BRE	Keyboard	AN/FGC-69, 69X
Unassigned	LK61BRJ	Keyboard	AN/UGC-47, 47X
Unassigned	LK61BRW	Keyboard	AN/FGC-144, 148
Unassigned	LK68BRW	Keyboard	AN/UGC-108
Unassigned	LK71BRJ	Keyboard	AN/UGC-61, 61A, 61X, 61Y
Unassigned	LK73BRJ	Keyboard	AN/UGC-60, 60X
Unassigned	LP4RN/AC142	Typing Unit	TT-47B, 70B
Unassigned	LP14RA/AY	Typing Unit	AN/FGC-21, 21X
Unassigned	LP14WY/AJF	Typing Unit	AN/UGC-6NX
Unassigned	LP59WY/AFK	Typing Unit	AN/FGC-56, 56X, 58, 58X, TT-243/FG, TT-247/FG
Unassigned	LP103WY/AHM	Typing Unit	AN/FGC-69, 69X
Unassigned	LP103YD/AJU	Typing Unit	AN/UGC-108
Unassigned	LP109WY/AJE	Typing Unit	AN/FGC-100A
Unassigned	LP111RE/AJF	Typing Unit	AN/UGC-43, AN/UGR-4
Unassigned	LP111RN/AJG	Typing Unit	AN/UGC-20A, 20AX
Unassigned	LP111RN/AY	Typing Unit	AN/UGC-20, 20X, 25, 25X

Table 1-1. Sub-Assembly Type Designation to Teletype Code and Major Unit-Continued

<u>TYPE DESIGNATION</u>	<u>TTY CODE</u>	<u>DESCRIPTION</u>	<u>MAJOR UNIT</u>
Unassigned	LP111WY/AJG	Typing Unit	AN/UGC-25A, 25AX
Unassigned	LP138WY/AJG	Typing Unit	AN/UGC-47, 47X, AN/UGR-8
Unassigned	LP139RE/AJF	Typing Unit	AN/UGR-16
Unassigned	LP139WY/AJG	Typing Unit	AN/UGR-9, 9X
Unassigned	LP147YD/AJV	Typing Unit	AN/UGC-62, 67
Unassigned	LP149WY/AJG	Typing Unit	AN/UGC-61, 61A, 61X, 61Y
Unassigned	LP150RN/AJG	Typing Unit	AN/UGR-10Y
Unassigned	LP150WY/AJG	Typing Unit	AN/UGR-10, 10A, 10X
Unassigned	LP156RE/AJG	Typing Unit	AN/UGC-91
Unassigned	LP156WY/AJG	Typing Unit	AN/UGC-20B, 20BX, 77, 77X
Unassigned	LP162WY/AKL	Typing Unit	AN/UGC-123
Unassigned	LP813TD/ATJ	Typing Unit	AN/UGC-59A, 79
Unassigned	LP817TD/ATK	Typing Unit	AN/UGC-59
Unassigned	LTRKLARN	Keyboard	TT-253/UG, 253B, 292
Unassigned	LTRK5ARN	Keyboard	TT-253A/UG
Unassigned	LTRK6ARN	Keyboard	TT-253D/UG
Unassigned	LTRK6BRJ	Keyboard	TT-253C/UG, 292A
Unassigned	LTRK11BRJ	Keyboard	AN/UGC-78
PD-17A/U	LMU3	Motor Unit	AN/FGC-58, 69, 69F, 74, 74A, 79, 79A, 96, 96A, 97, 116, 148, AN/UGC-6, 6A, 6B, 6C, 6D, 6E, 6F, 6G, 6J, 6K, 6L, 8, 8A, 8B, 13, 13B, 13C, 18, 32, 34, 35, 37, 47, 48, 48A, 49, 50, 51, 57, 59, 59A, .60, 61, 61A, 62, 63, 67, 69, 70, 78, 79, 90, 108, 111, 116

Table 1-1. Sub-Assembly Type Designation to Teletype Code and Major Unit-Continued

<u>TYPE DESIGNATION</u>	<u>TTY CODE</u>	<u>DESCRIPTION</u>	<u>MAJOR UNIT</u>
PD-17A/U- continued	LMU3	Motor Unit	AN/UGR-1, 1A, 3, 8 TT-47A/UG, 47B, 47C, 47D, 47E, 47F, 47G, 47H, 47J, 47K, 47L, 69A, 69B, 69C, 69D, 69E, 69F, 69G, 128A, 128B, 130A, 130B, 130C, 171, 171A, 171B, 171C, 176, 176A, 176B, 176C, 187, 192, 192B, 234/SGA-3, 243/FG, 247, 253, 253A, 253B, 253C, 253D, 261, 261A, 261B, 262, 306, 306A, 306B, 307, 307A, 307B, 310, 310A, 329, 350, 525, 571, 575, 583, 627
PD-18/U	LMU4	Motor Unit	TT-48, 48A, 70, 70A, 70B, 70C, 129, 129A, 131, 240, 241, 244, 244A, 248, 340, 341
PD-18A/U	LMU41	Motor Unit	AN/FGC-21X, 56X, 58X, 69X, 72AX, 72BX, 74X, 79X, 96X, 97X, 98X, 144, AN/FGT-5, 6, AN/UGC-6X, 6AX, 6FX, 6JX, 6NX, 7X, 8X, 8AX, 13X, 13AX, 13BX, 13CX, 19, 22, 32X, 44, 47X, 49X, 50Y, 51Y, 54, 55, 58, 64, 66, 87, 90X AN/UGR-17, TT-48B/UG, 48C, 48D, 48E, 48F, 48H, 48J, 70C, 70D, 70E, 70F, 273, 274, 274B, 275, 283, 287/GPA-73, 292, 306X, 340B, 341A, 341B, 341C, 525X, 533, 553, 584, 622, 659
PD-22/UG	MU4	Motor Unit	AN/FGC-72X TS-652/GG
PD-67/U	LMU12	Motor Unit	AN/FGC-21, 56, 56X, 58, 59, AN/FGR-5, 5A, 6, 6A, AN/FGT-4, AN/GGC-12, AN/GGR-1, 1A, 2, 2A, AN/UGC-5, 5A, 5B, 5C, 6, 6A, 6B, 6C, 6D, 6E, 6F, 6G, 6J, 6K, 6L, 7, 8, 8A, 8B, 13, 13B, 13C, 18, 32, 35, 37, 48, 48A, 49, 57, 62, 67, 68, 69, 90

Table 1-1. Sub-Assembly Type Designation to Teletype Code and Major Unit-Continued

<u>TYPE DESIGNATION</u>	<u>TTY CODE</u>	<u>DESCRIPTION</u>	<u>MAJOR UNIT</u>
PD-67/U- continued	LMU12	Motor Unit	AN/UGR-11, AN/UGT-4, 5, 6, 6A, 7, TT-308/UG, 308A, 309, 309A, 331, 331A, 332, 332A, 333, 333A, 462, 462A, 576, 576A, 577
PD-77/U	LMU14	Motor Unit	TT-403, 404, 405
PD-77A/U	LMU39	Motor Unit	AN/FGC-56X, 58X, AN/FGR-8, 9, AN/GGR-1X, 2X, AN/UGA-7, AN/UGR-12, 13, 20, AN/UGT-4X, 8, AN/UGC-5AX, 5BX, 5X, 6AX, 6FX, 6JX, 6NX, 6X, 7X, 8X, 8AX, 13X, 13AX, 13BX, 13CX, 15X, 32X, 44, 49X, 54, 56, 87, 90X, TT-308/UG, 405/UG
PD-84/U	LMU11	Motor Unit	AN/UGC-14, 17, 31
PD-92/UG	LMU24	Motor Unit	AN/UGR-1, 1A, 2, TT-192A/UG, 192C
PD-96/UG	LMU21	Motor Unit	AN/FGC-69, 74, 74A, 79, 79A, 96, 96A, 100, 100A, AN/UGC-61, 61A, 108, AN/UGR-10, 10A
PD-97/UG	LMU28	Motor Unit	AN/FGC-69X, 74X, 79X, 96X, AN/UGR-10Y
PD-108/UG	LMU38	Motor Unit	AN/FGC-79AX, AN/UGC-6HX, 6MY, 22A, 32Y, 48X, 50OX, 51X, 60OX, 61X, 61Y, TT-48G/UG, 48K, 273A, 274A, 283A, 292A, 403A, 404A, 405A, 461, 461A, 509, 578, 579
PD-109/UG	LMU52	Motor Unit	AN/FGC-79AX, 101, AN/UGC-61X, 61Y, AN/UGR-10X
PD-111/U	LMU1	Motor Unit	TT-47, 69
PD-11i/U	LMU19	Motor Unit	AN/UGC-71, TT-187A/UG, 187B, 187C, 187D, 187E, 570, 603

Table 1-1. Sub-Assembly Type Designation to Teletype Code and Major Unit-Continued

<u>TYPE DESIGNATION</u>	<u>TTY CODE</u>	<u>DESCRIPTION</u>	<u>MAJOR UNIT</u>
PD-111/U	LMU37	Motor Unit	AN/UGC-20, 20B, 20XN-1, 25, 25A, 43, 77, 91, 123, AN/UGR-4, 9, 16
PD-111/U	LMU50	Motor Unit	AN/UGC-6HX, 6MY, 32Y, 48X, TT-556/UG
PD-111/U	LMU51	Motor Unit	AN/UGC-20AX, 20BX, 20X, 25AX, 25X, 77X, AN/UGR-9X
PD-111/U	MU26	Motor Unit	TS-383A/GG, 383B
PD-111/U	MU43	Motor Unit	AN/GGA-20, TT-463/UG
Unassigned	LMU6	Motor Unit	AN/GGA-19
Unassigned	LMU13	Motor Unit	AN/UGC-45
Unassigned	LMU56	Motor Unit	TT-192C/UG, 605
Unassigned	LMU61	Motor Unit	AN/UGC-48BY, 50AY, 51AY, 54B
RL-215/UG	PW201BR	Paper Winder	AN/FGC-72X, 98X, 116, TT-306/UG, TT-307/UG
RL-216/UG	TW15	Tape Winder	AN/FGC-59, AN/FGR-6, 6A, 8, AN/GGR-2, 2A, 2X, AN/UGC-56, AN/UGR-11, 13, TT-309/UG, 332, 332A, 404, 404A, 461, 462
RL-217/UG	LTHS205BZ	Tape Reel	AN/UGC-14, 17, 31, 45
RL-235/UG	LPW300BR	Paper Winder	AN/FGC-72BX Assembly
SB-154/UG	LESU1	Electrical Service Assembly	AN/UGC-5C, 63, 6JX, 6MY, 6NX, 50, 50X, 50Y, 50AY, 51, 51AY, 51X, 51Y, 55, 58, 63 TT-47, 48, 69, 70, 128, 129, 130, 131

Table 1-1. Sub-Assembly Type Designation to Teletype Code and Major Unit-Continued

<u>TYPE DESIGNATION</u>	<u>TTY CODE</u>	<u>DESCRIPTION</u>	<u>MAJOR UNIT</u>
SB-154A/UG	LESU5/103	Electrical Service Assembly	TT-47A, 47B, 48A, 69A, 70A, 70B, 171, 241
SB-408/UG	LESU6/119	Electrical Service Assembly	AN/UGC-19, 22, 22A, 34, TT-176, 176A, 176B, 176C, 240
SB-959/UG	LESU13	Electrical Service Assembly	AN/FGC-21, 21X AN/UGC- 5, 5A, 5AX, 5X, 6, 6A, 6AX, 6B, 6C, 6X, 7, 7X, 8, 8A, 8AX, 8X, 15X, 18
SB-964/UG	LESU7/147	Electrical Service Assembly	AN/UGR-3, TT-47C/UG, 47D, 47E, 47F, 47G, 47H, 47J, 47K, 47L, 48B, 48C, 48D, 48E, 48F, 48G, 48H, 48J, 48K, 69B, 69C, 69D, 69E, 69F, 69G, 70C, 70D, 70E, 70F, 128A, 128B, 128C, 129A, 130A, 130B, 130C, 131A, 171A, 171B, 171C, 234/SGA-3, 261, 261A, 261B, 275, 283, 283A
SB-1061/UG	LESU12	Electrical Service Assembly	AN/FGC-58, 58X, AN/UGC-6, 6A, 6AX, 6D, 6E, 6F, 6G, 6FX, 6HX, 6X, 8, 8A, 8AX, 8B, 8X, 18
SB-1226/UG	173395BR	Electrical Service Assembly	TT-274B/UG, 306, 306A, 307, 307A, 340B, 341A, 341B, 341C
SB-1227/UG	173824	Electrical Service Assembly	AN/UGC-13, 13AX, 13C, 13CX, 13X
SB-1302/UG	LESU73	Electrical Service Assembly	AN/UGC-6B, 6C, AN/UGR-17
SB-1410/UG	173816	Electrical Service Assembly	AN/FGC-72AX, 72X, 98X, 116 AN/UGC-63, TT-340/UG, 341, 583
SB-2611/UG	LESU96	Electrical Service Assembly	AN/UGC-6J, 6JX, 6K, 6L, 6MY, 6NX, 70, AN/UGR-17
SB-2620/UG	310174	Electrical Service Assembly	AN/UGR-2, TT-306B/UG, 307B/UG

Table 1-1. Sub-Assembly Type Designation to Teletype Code and Major Unit-Continued

<u>TYPE DESIGNATION</u>	<u>TTY CODE</u>	<u>DESCRIPTION</u>	<u>MAJOR UNIT</u>
SB-2629/UG	310183	Electrical Service Assembly	AN/UGC-13B, 35
SB-2680/UG	LESU111	Electrical Service Assembly	AN/UGC-5B, 5BX, 5C, 6D, 6E, 6F, 6FX, 6G, 6HX, 6J, 6JX, 6K, 6L, 6MY, 6NX, 8B
Unassigned	LESU37	Electrical Service Assembly	AN/FGC-56, 56X, 58, 58X, AN/UGC-8B
Unassigned	LESU42	Electrical Service Assembly	TT-243/FG, 244, 244A, 247, 248
Unassigned	LESU123	Electrical Service Assembly	AN/UGC-48, 48A, 48BY, 48X, 49, 49X, 54, 54B, 57, 87, 90, 90X
Unassigned	LESU128	Electrical Service Assembly	AN/UGC-47, 47X, 60, 60X
Unassigned	LESU131	Electrical Service Assembly	AN/FGC-144, 148
Unassigned	LESU136	Electrical Service Assembly	AN/UGC-69
Unassigned	LESU309	Electrical Service Assembly	AN/UGC-79
Unassigned	LESU313	Electrical Service Assembly	AN/UGC-59, 59A
Unassigned	173783	Electrical Service Assembly	AN/FGC-72AX, 72BX, TT-525/UG, 525X/UG
Unassigned	304203	Electrical Service Assembly	AN/UGC-32, 32X, 32Y, 37, 44
Unassigned	304206	Electrical Service Assembly	AN/FGC-97, 97X, TT-584/UG
Unassigned	321226	Electrical Service Assembly	AN/UGR-8
Unassigned	321228	Electrical Service Assembly	AN/UGR-10, 10A, 10X, 10Y
Unassigned	321231	Electrical Service Assembly	AN/UGC-64, AN/UGR-9, 9X, 16, TT-571/UG, 605/UG

Table 1-1. Sub-Assembly Type Designation to Teletype Code and Major Unit-Continued

<u>TYPE DESIGNATION</u>	<u>TTY CODE</u>	<u>DESCRIPTION</u>	<u>MAJOR UNIT</u>
Unassigned	324060	Electrical Service Assembly	AN/UGC-50, 50AY, 50X, 50Y
Unassigned	324061	Electrical Service Assembly	AN/UGC-51, 51AY, 51X, 51Y
Unassigned	325918	Electrical Service Assembly	AN/UGC-55
Unassigned	326471	Electrical Service Assembly	AN/UGC-58
Unassigned	327604	Electrical Service Assembly	AN/UGC-62, 67
Unassigned	332726	Electrical Service Assembly	AN/UGC-61, 61A, 61X, 61Y
Unassigned	332727	Electrical Service Assembly	AN/UGR-10, 10X, 10Y, 10A
Unassigned	334439	Electrical Service Assembly	AN/UGC-20B, 20BX
Unassigned	343310	Electrical Service Assembly	AN/UGR-10A
TT-251/UG	LXD3	Transmitter Distributor	AN/UGC-5, 5A, 5AX, 5X, 6, 6A, 6AX, 6B, 6C, 6X, 7, 7X, 8, 8A, 8AX, 8X
TT-252/UG	LTPE1AWA	Typing Reperforator	AN/FGC-56, 56X, 58, 58X, AN/UGC-5,5A,5AX,5X, 5B,5BX,5C, 6, 6A, 6AX, 6X, 6B, 6C, 6D,6E, 6F, 6FX, 6G, 6HX, 6J, 6JX,6K, 6L, 6MY, 6NX, 69
TT-265/UG	LTPE1ARE	Typing Reperforator	AN/UGC-7, 7X, 8, 8A, 8AX, 8B, 8X
TT-266/UG	LPR9AWA	Typing Reperforator	AN/UGC-6, 6A, 6AX, 6B, 6C, 6D, 6E, 6F, 6FX, 6G, 6HX, 6J, 6JX, 6K, 6L, 6MY, 6NX, 6X, TT-192/UG, 192B, 253, 253D, 274, 274A, 292
TT-267/UG	LPR9ARE	Typing Reperforator	AN/UGC-8, 8A, 8AX, 8B, 8X

Table 1-1. Sub-Assembly Type Designation to Teletype Code and Major Unit-Continued

<u>TYPE DESIGNATION</u>	<u>TTY CODE</u>	<u>DESCRIPTION</u>	<u>MAJOR UNIT</u>
TT-311/UG	LXD11	Transmitter Distributor	AN/FGT-6, AN/UGC-13, 13AX, 13BX, 13C, 13CX, 13X, 15X, 18, 65, TT-187B/UG, 310, 533, 553, 556
TT-312/UG	LBXD16	Transmitter Distributor	AN/FGT-5, AN/GGT-3, 3X, 4, TT-310/UG, 556/UG
TT-313/UG	LAXD7	Transmitter Distributor	AN/UGC-14, 31, 45
TT-314/UG	LPR34BRP	Typing Reperforator	AN/UGC-14, 17
TT-315/UG	LPR35BRP	Typing Reperforator	AN/FGC-59, AN/FGR-5, 5A, AN/GGC-12, AN/UGC-13, 13AX, 13B, 13C, 13CX, 13X, 32, 32Y, 67, 68, TT-274B/UG, 308, 308A, 315, 331, 331A, 403, 403A
TT-316/UG	LPR36BRP	Typing Reperforator	AN/UGC-13, 13AX, 13C, 13CX, 13X
TT-317/UG	LPR37BRP	Typing Reperforator	AN/FGC-59 AN/FGR-6, 6A, AN/GGR-2, 2A, 2X, TT-309/UG, 309A, 332, 332A, 404, 404A, 461, 461A, 462, 462A
TT-317/UG	LPR37BWA	Typing Reperforator	AN/FGR-8
TT-325/UG	LP14RN/AHF	Typing Unit	AN/UGC-6B, 6C, TT-325/UG
TT-334/UG	LBXD9	Transmitter Distributor	AN/FGC-59, AN/UGC-65, TT-333/UG, 333A, 405, 405A, 461, 461A, 462, 462A
TT-354/UG	LBXD18	Transmitter Distributor	AN/FGT-4
TT-357/UG	LK30ARN	Keyboard	AN/UGC-19

Table 1-1. Sub-Assembly Type Designation to Teletype Code and Major Unit-Continued

<u>TYPE DESIGNATION</u>	<u>TTY CODE</u>	<u>DESCRIPTION</u>	<u>MAJOR UNIT</u>
TT-357/UG	LK30BRJ	Keyboard	TT-176B/UG
TT-358/UG	LP105RN/AGB	Typing Unit	AN/UGC-19
TT-358/UG	LP105WY/AGB	Typing Unit	TT-176B/UG
TT-362/UGR-1	LP67RN/AS	Typing Unit	AN/UGR-1, TT-262/UG
TT-363/UGR-1	LTP1AWA	Tape Printer	AN/UGR-1, 1A
TT-371/UG	LAK31ARN	Keyboard	AN/UGC-15X
TT-372/UG	LP108RN/AY	Typing Unit	AN/UGC-15X, TT-47H/UG, 48D, 69D, 171B, 261A
TT-373/UG	LPR51BRP	Typing Reperforator	AN/UGC-15X
TT-376/UG	LAXD8	Transmitter Distributor	AN/UGC-17
TT-377/UG	LAK31ARE	Keyboard	AN/UGC-18
TT-378/UG	LP108RE/ACX	Typing Unit	AN/UGC-18, TT-128B/UG
TT-379/UG	LPR51BRH	Typing Reperforator	AN/UGC-18
TT-380/UG	LPR52BRH	Typing Reperforator	AN/UGC-18
TT-385/UG	LK36ARN	Keyboard	AN/FGC-74, 74X
TT-386/UG	LP109RN/AY	Typing Unit	AN/FGC-74, 74A, 74X
TT-386/UG	LP109WY/AY	Typing Unit	AN/FGC-100, 101
TT-387/UG	LK11BRJ	Keyboard	AN/FGC-79A, 79AX, TT-47J, 47K, 48F, 48G
TT-387/UG	LK49ARN	Keyboard	TT-47F/UG, 47G, 48H 48J, 70F
TT-387/UG	LK49BRJ	Keyboard	TT-69E/UG, 69G, 70E
TT-388/UG	LK35ARN	Keyboard	TT-47H/UG, 48D, 48K, 69D
TT-388/UG	LK77BRJ	Keyboard	TT-47L/UG

Table 1-1. Sub-Assembly Type Designation to Teletype Code and Major Unit-Continued

<u>TYPE DESIGNATION</u>	<u>TTY CODE</u>	<u>DESCRIPTION</u>	<u>MAJOR UNIT</u>
TT-389/UG	LK35ARE	Keyboard	TT-128B/UG
TT-400/UG	LP14RE/ACX	Typing Unit	AN/UGC-8A, 8AX
TT-417/FG	LK39ARN	Keyboard	AN/FGC-79, 79X
TT-418/FG	LP113RN/AY	Typing Unit	AN/FGC-79, 79A, 79AX, 79X
TT-432/UGR-1A	LP67RN/AJA	Typing Unit	AN/UGR-1A
TT-433/UG	LAK42ARN	Keyboard	AN/UGC-6D, 6E, 6F, 6FX, 6G
TT-433/UG	LAK42BRJ	Keyboard	AN/UGC-5B, 5BX, 5C, 6J, 6JX, 6K, 6L, 6MY, 6NX, 69
TT-434/UG	LK48BRJ	Keyboard	AN/UGC-22A
TT-434/UG	LK78BRJ	Keyboard	TT-176C/UG
TT-435/UG	LK10ARE	Keyboard	TT-130B/UG
TT-436/UG	LP14RN/AJE	Typing Unit	AN/UGC-6E, 6D
TT-436/UG	LP14WY/AJF	Typing Unit	AN/UGC-6L, 6MY, TT-47K/UG, 48J, 69G
TT-437/UG	LP14RN/AJG	Typing Unit	AN/UGC-6F, 6FX, 6HX, TT-48H/UG, 69F, 70F, 261B
TT-437/UG	LP14WY/AJG	Typing Unit	AN/UGC-5B, 5BX, 5C, 6J, 6JX, 6K, 69, TT-47J/UG, 48F, 48G, 69E, 70E, 171C, 283A
TT-438/UG	LP65WY/AJD	Typing Unit	AN/UGC-22A, TT-176C/UG
TT-439/UG	LXD27	Transmitter Distributor	AN/UGC-5B, 5BX, 5C, 6D, 6E, 6F, 6FX, 6G, 6HX, 6J, 6JX, 6K, 6L, 6MY, 6NX, 8B
TT-440/UG	LAK42ARE	Keyboard	AN/UGC-8B
TT-441/UG	LP14RE/AJG	Typing Unit	AN/UGC-8B, AN/UGR-3
TT-442/UG	LK49ARE	Keyboard	TT-128C/UG, 130C/UG

Table 1-1. Sub-Assembly Type Designation to Teletype Code and Major Unit-Continued

<u>TYPE DESIGNATION</u>	<u>TTY CODE</u>	<u>DESCRIPTION</u>	<u>MAJOR UNIT</u>
TT-443/UG	LP14RE/AJF	Typing Unit	TT-128C/UG, 130C/UG
TT-475/UG	LAK46ARN	Keyboard	AN/UGC-6HX
TT-492/UG	LPR57BRP	Typing Reperforator	AN/UGC-13B, 13BX, 32, 32X 32Y, 67
TT-493/UG	LPR34BRP	Typing Reperforator	AN/UGC-31, 45
TT-494/UG	LPR35BRP	Typing Reperforator	AN/FGR-9, AN/GGR-1, 1A, 1X, AN/UGC-13BX, 32X
TT-495/GGR-2	LPR37BRP	Typing Reperforator	AN/GGR-2, 2A, 2X
TT-496/GG	LXD31	Transmitter Distributor	AN/GGT-3, 3X, 4, AN/UGA-7, AN/UGC-32, 32X, 32Y, 37, 44
TT-498/UG	LK48ARE	Keyboard	AN/UGC-34
TT-499/UG	LP65RE/AJD	Typing Unit	AN/UGC-34
TT-500/UG	LK51ARN	Keyboard	AN/FGC-74A
TT-501/UG	LBXD27	Transmitter Distributor	TT-310A/UG
TT-502/UG	LXD29	Transmitter Distributor	AN/UGC-13B, 13C, 13CX, 35, TT-187D/UG, 187E, 310A, 659
TT-503/UG	LK51BRW	Keyboard	TT-307B/UG
TT-504/UG	LAK45ARE	Keyboard	AN/UGC-35
TT-505/UG	LPR57ARE	Typing Reperforator	AN/UGC-35, 62
TT-506/UG	LP77RE/AGM	Typing Unit	AN/UGC-35
TT-507/UG	LPR35ARE	Typing Reperforator	AN/UGC-35, 62
TT-508/UG	LAK45BRW	Keyboard	AN/UGC-13B
TT-510/UG	LPR57BRH	Typing Reperforator	AN/UGC-37, 44, 62

Table 1-1. Sub-Assembly Type Designation to Teletype Code and Major Unit-Continued

<u>TYPE DESIGNATION</u>	<u>TTY CODE</u>	<u>DESCRIPTION</u>	<u>MAJOR UNIT</u>
TT-511/UG	LPR35BRH	Typing Reperforator	AN/UGC-37, 44, 62
TT-538/UG	LP108RN/AJG	Typing Unit	TT-4Pv/UG
TT-538/UG	LP108WY/AJG	Typing Unit	TT-47L/UG
TT-539/FGC-96A	LP124RE/AJU	Typing Unit	AN/FGC-96A
TT-540/FGC-96A	LK52ARE	Keyboard	AN/FGC-96A
TT-596/UG	LP134RN/AJG	Typing Unit	AN/UGC-48, 48X
TT-596/UG	LP134WY/AJG	Typing Unit	AN/UGC-48A, 48BY, 60, 60X
TT-597/UG	LP135BG/AGM	Typing Unit	AN/UGC-49, 49X, 50, 50AY, 50Y, 50X, 51, 51AY, 51Y, 51X, 54, 54B, 57, 87, 90, 90X
TT-597/UG	LP135YD/AGM	Typing Unit	AN/FGC-144, 148, AN/UGC-55, 58
TT-598/UG	LAK50BSS	Keyboard	AN/UGC-49, 49X, 90, 90X
TT-599/UG	LK59BRW	Keyboard	AN/UGC-55
TT-599/UG	LK59BSS	Keyboard	AN/UGC-51, 51AY, 51X, 51Y
TT-600/UG	LPR73BRP	Typing Reperforator	AN/UGC-49, 49X, 54, 54B, 57, 87, 90, 90X, AN/UGR-12, TT-576/UG, 576A, 578
TT-601/UG	LPR74BRP	Typing Reperforator	AN/UGC-49, 49X, 90, 90X
TT-602/UG	LXD37	Transmitter Distributor	AN/UGC-49, 49X, 54, 54B, 57, 87, 90, 90X, AN/UGT-4, 4X, 7, TT-570/UG
TT-618/UG	LPR75BRP	Typing Reperforator	AN/UGC-56, AN/UGR-11, 13, TT-577/UG, 579/UG
Unassigned	LPR15AWA	Typing Reperforator	AN/FGC-58, 58X

Table 1-1. Sub-Assembly Type Designation to Teletype Code and Major Unit-Continued

<u>TYPE DESIGNATION</u>	<u>TTY CODE</u>	<u>DESCRIPTION</u>	<u>MAJOR UNIT</u>
Unassigned	LPR40AWA	Typing Reperforator	AN/UGR-2, 17, TT-192A/UG
Unassigned	LPR42AWA	Typing Reperforator	AN/UGR-20
Unassigned	LPR53BRP	Typing Reperforator	TT-253A/UG, 253B, 253C, 292A
Unassigned	LPR55BRP	Typing Reperforator	AN/UGC-70
Unassigned	LPR62BRP	Typing Reperforator	TT-192C/UG
Unassigned	LPR72AWA	Typing Reperforator	AN/UGC-64
Unassigned	LPR72BRP	Typing Reperforator	AN/UGC-48, 48X, TT-571/UG
Unassigned	LPR82BRP	Typing Reperforator	AN/UGC-54, 54B, 57, 87
Unassigned	LPR85BRP	Typing Reperforator	AN/UGC-48A, 48BY, 78
Unassigned	LPR88BRP	Typing Reperforator	TT-605/UG
Unassigned	LRPE6	Typing Reperforator	AN/FGC-21, 21X
Unassigned	LRPE803	Typing Reperforator	AN/UGC-59, 59A
Unassigned	LTPE1BRP	Typing Reperforator	AN/UGC-48, 48X
Unassigned	LTPE6BRP	Typing Reperforator	AN/UGC-48A, 48BY
Unassigned	LBXD34	Transmitter Distributor	AN/UGT-8
Unassigned	LXD1	Transmitter Distributor	TT-187/UG, 273/UG

Table 1-1. Sub-Assembly Type Designation to Teletype Code and Major Unit-Continued

<u>TYPE DESIGNATION</u>	<u>TTY CODE</u>	<u>DESCRIPTION</u>	<u>MAJOR UNIT</u>
Unassigned	LXD4	Transmitter Distributor	AN/FGC-21, 21X, TT-187A/UG, 622/UG
Unassigned	LXD7	Transmitter Distributor	AN/FGC-56, 56X, 58, 58X AN/FGT-5
Unassigned	LXD30	Transmitter Distributor	AN/UGC-69, TT-187C/UG, 273A/UG
Unassigned	LXD38	Transmitter Distributor	AN/UGC-48, 48A, 48BY, 48X, AN/UGT-5, 6, 6A TT-603/UG
Unassigned	LXD43	Transmitter Distributor	AN/UGC-62, 67
Unassigned	LXD44	Transmitter Distributor	AN/UGC-44

Table 1-2. Equipment-Subassembly Matrix

NOTES: Table 1-2.

(1) Teletype Corporation part numbers are used exclusively in this Table.

AN/FGC-21

TU- LP14RA/AY
 ESU- LESU13
 KBD- LAK4ARK
 MU- LMU12
 TD- LXD4
 RPF- LRPE6
 CAB- LAAC200AB

AN/FGC-21X

TU- LP14RA/AY
 ESU- LESU13
 KBD- LAK4ARK
 MU- LMU41
 TD- LXD4
 RPF- LRPE6
 CAB- LAAC200AB

AN/FGC-56

TU- LP59WY/AFK
 ESU- LESU37
 KBD- LAK11BRE
 MU- LMU12
 TD- LXD7
 RPF- LTPE1AWA
 CAB- LAAC214BR

AN/FGC-56X

TU- LP59WY/AFK
 ESU- LESU37
 KBD- LAK11BRE
 MU- LMU39/LMU41
 TD- LXD7
 RPF- LTPE1AWA
 CAB- LAAC214BR
 CAB- LBAC230BR

AN/FGC-58

TU- LP59WY/AFK
 ESU- LESU12/LESU37
 KBD- LAK11BRE
 MU- LMU3/LMU12
 TD- LXD7
 RPF- PR15AWA
 CAB- LAAC214BR

AN/FGC-58X

TU- LP59WY/AFK
 ESU- LESU12/LESU37
 KBD- LAK11BRE
 MU- LMU39/LMU41
 TD- LXD7
 RPF- LPR15AWA/LTPEIAWA
 CAB- LAAC214BR

AN/FGC-59 (Transmitter Group)

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD- LBXD9(6)
 RPF-
 CAB- LBAC229BR
 T.D. Base - LMXB200BR(2)

AN/FGC-59 (Monitor Group)

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD-
 RPF- LPR37BRP(6) with base LMRB204BZ(2)

Table 1-2. Equipment-Subassembly Matrix -Continued

AN/FGC-59 (Receiver Group)

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD-
 RPF- LPR35BRP(6) with base LMRB204BZ
 CAB- LBAC231BR

AN/FGC-59 (Monitor-Transmitter Group)

TU-
 ESU- AN/FGC-72X
 KBD-
 MU- LMU12(2)
 TD- LBXD9(3) with base LMXB200BR
 RPF- LPR37BRP(3) with base LMRB204BZ
 CAB- LBAC232BR

MU- LMU4

AN/FGC-69

TU- LP103WY/AHM(3)
 ESU-
 KBD- LK29BRE
 MU- LMU3/LMU21(2)
 TD-
 RPF-
 CAB- LBAC233BR

AN/FGC-69X

TU- LP103WY/AHM(3)
 ESU-
 KBD- LK29BRE
 MU- LMU28(2)/LMU41
 TD-
 RPF-
 CAB- LBAC233BR

AN/FGC-72AX

TU- LP77YD/AGM
 ESU- 173816
 KBD- LK25BRW
 MU- LMU-4
 TD-
 RPF-
 CAB- LPC206BR (cov.)

AN/FGC-72BX

TU- LP77YD/AGM
 ESU- 173783
 KBD- LK25BRW
 MU- LMU41
 TD-
 RPF-
 CAB- LAC214BR

AN/FGC-72X

TU- LP77YD/AGM
 ESU- 173816
 KBD- LK25BRW
 MU- LMU4
 TD-
 RPF-
 CAB- LPC206BR (cov.)

AN/FGC-74

TU- LP109RN/AY(3)
 ESU-
 KBD- LK36ARN
 MU- LMU3/LMU21(2)
 TD-
 RPF-
 CAB- LBAC241BR

AN/FGC-74A

TU- LP109RN/AY(3)
 ESU-
 KBD- LK25BRW
 MU- LMU3/LMU21(2)
 TD-
 RPF-
 CAB- LBAC261BR

AN/FGC-74X

CAB- LBAC261BR
 ESU-
 LMU-4 KBD- LK36ARN
 MU- LMU28(2)/LMU41
 TD-
 RPF-
 CAB- LBAC241BR

Table 1-2. Equipment-Subassembly Matrix -Continued

AN/FGC-79

TU- LP113RN/AY(3)
 ESU-
 KBD- LK39ARN
 MU- LMU3/LMU21(2)
 TD-
 RPF-
 CAB- LBAC248BR

AN/FGC-79A

TU- LP113RN/AY(3)
 ESU-
 KBD- LK11BRJ
 MU- LMU3/LMU21(2)
 TD-
 RPF-
 CAB- LBAC248BR

AN/FGC-79X

TU- LP113WY/AY(3)
 ESU- ESU- 304206
 KBD- LK11BRJ
 MU- LMU38/LMU52(2)
 TD- TD-
 RPF- RPF-
 CAB- LBAC248BR

AN/FGC-79

TU- LP113RN/AY(3)
 ESU- ESU- 304206
 KBD- LK39ARN
 MU- LMU28(2)/LMU41
 TD- TD-
 RPF- RPF-
 CAB- LBAC248BR

AN/FGC-96

TU- LP124YD/AJU(3)
 ESU- ESU- 173816
 KBD- LK52BRW
 MU- LMU3/LMU21(2)
 TD- TD-
 RPF- RPF-
 CAB- LBAC255BR

AN/FGC-96A

TU- LP124RE/AJU(3)
 ESU-
 KBD- LK52ARE
 MU- LMU3/LMU21(2)
 TD-
 RPF-
 CAB- LBAC255BR

AN/FGC-96X

TU- LP124YD/AJU(3)
 ESU-
 KBD- LK52BRW
 MU- LMU28(2)/LMU41
 TD-
 RPF-
 CAB- LBAC255BR

AN/FGC-97X

TU- LP77YD/AJV

 KBD- LK53BRW
 MU- LMU3

 CAB- LAC214BR255

AN/FGC-97X

TU- LP77YD/AJV

 KBD- LK53BRW
 MU- LMU41

 CAB- LAC214BR

AN/FGC-98X

TU- LP77YD/AGM

 KBD- LK25BRW
 MU- LMU41

 CAB- LPC206BR (cov.)

Table 1-2. Equipment-Subassembly Matrix-Continued

AN/FGC-100

TU- LP109WY/AY(4)
 ESU-
 KBD-
 MU- LMU21(4)
 TD-
 RPF-
 CAB- LBAC264BR

AN/FGC-100A

TU- LP109WY/AJE(4)
 ESU-
 KBD-
 MU- LMU21(4)
 TD-
 RPF-
 CAB- LBAC264BR

AN/FGC-101

TU- LP109WY/AY(4)
 ESU-
 KBD-
 MU- LMU52(4)
 TD-
 RPF-
 CAB- LBAC264BR

AN/FGC-116

TU- LP77YD/AGM
 ESU-
 KBD-
 MU- LMU3
 TD-
 RPF-
 CAB- LPC206BR (cov.)

AN/FGC-144

TU- LP135YD/AGM
 ESU- LESU131
 KBD- LK61BRW
 MU- LMU41
 TD-
 RPF-
 CAB- LAC230

AN/FGC-148

TU- LP135YD/AGM
 ESU- LESU131
 KBD- LK61BRW
 MU- LMU3
 TD-
 RPF-
 CAB- LAC230BR

AN/FGR-5

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD-
 RPF- LPR35BRP(6)
 CAB- LBAC231BR

AN/FGR-5A

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD-
 RPF- LPR35BRP(6)
 CAB- LBAC243BR

AN/FGR-6

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD-
 RPF- LPR37BRP(6)
 CAB- LBAC230BR

AN/FGR-6A

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD-
 RPF- LPR37BRP(6)
 CAB- LBAC242BR

Table 1-2. Equipment-Subassembly Matrix-Continued

AN/FGR-8

TU-
 ESU-
 KBD-
 MU- LMU39(2)
 TD-
 RPF- LPR37BWA(6)
 CAB- LBAC224BR

AN/FGR-9

TU-
 ESU-
 KBD-
 MU- LMU39(2)
 TD-
 RPF- LPR35BRP(6)
 CAB- LBAC225BR

AN/FGT-4

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD- LBXD18(6)
 RPF-
 CAB- LBAC229BR

AN/FGT-5

TU-
 ESU-
 KBD-
 MU- LMU41
 TD- LXD7
 RPF-
 CAB- LXDC200BR (cov.)

AN/FGT-6

TU-
 ESU-
 KBD-
 MU- LMU41(2)
 TD- LXD11/LBXD16 (3 ea.)
 RPF-
 CAB- LBAC223BR

AN/GGA-19

TU-
 ESU-
 KBD-
 MU- LMU6
 TD-
 RPF-
 CAB-BRPEC200BU (cov.)

Punch - BRPE21
 Base - BRPE11

AN/GGA-20

TU-
 ESU-
 KBD-
 MU- LMU43
 TD-
 RPF-
 CAB- CXC200BU (cov.)

Reader - CX802
 Base - CXB1

AN/GGC-12

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD-
 RPF- LPR35BRP(4)
 CAB- LBAC225BR

AN/GGR-1

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD-
 RPF- LPR35BRP(6)
 CAB- LBAC254BR

AN/GGR-1A

TU-
 ESU-
 KBD-
 MU-LMU12(2)
 TD-
 RPF- LPR35BRP(6)
 CAB- LBAC254BR

Table 1-2. Equipment-Subassembly Matrix-Continued

AN/GGR-1X

TU-
 ESU-
 KBD-
 MU- LMU39(2)
 TD-
 RPF- LPR35BRP(6)
 CAB- LBAC254BR

AN/GGR-2

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD-
 RPF- LPR37BRP(6)
 CAB- LBAC257BR

AN/GGR-2A

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD-
 RPF- LPR37BRP(6)
 CAB- LBAC257BR

AN/GGR-2X

TU-
 ESU-
 KBD-
 MU- LMU39(2)
 TD-
 RPF- LPR37BRP(6)
 CAB- LBAC257BR

AN/GGT-3

TU-
 ESU-
 KBD-
 MU- LMU3(2)
 TD- LXD31/LBXD16 (3 ea.)
 RPF-
 CAB- LBAC256BR

AN/GGT-3X

TU-
 ESU-
 KBD-
 MU- LMU41(2)
 TD- LXD31/LBXD16 (3 ea.)
 RPF-
 CAB- LBAC256BR

AN/GGT-4

TU-
 ESU-
 KBD-
 MU- LMU3(2)
 TD- LXD31/LBXD16 (3 ea.)
 RPF-
 CAB- LBAC256BR

AN/UGA-7

TU-
 ESU-
 KBD-
 MU- LMU39
 TD- LXD31
 RPF-
 CAB- LXDC200BR (cov.)

AN/UGC-5

TU- LP14RN/AY
 ESU- LESU13
 KBD- LAK4ARN
 MU- LMU12
 TD- LXD3
 RPF- LTPE1AWA
 CAB- LAAC200BR

AN/UGC-5A

TU- LP14RN/AGH
 ESU- LESU13
 KBD- LAK4ARN
 MU- LMU12
 TD- LXD3
 RPF- LTPE1AWA
 CAB- LAAC200BR

Table 1-2. Equipment-Subassembly Matrix-Continued

AN/UGC-5AX

TU- LP14RN/AGH
 ESU- LESU13
 KBD- LAK4ARN
 MU- LMU39
 TD- LXD3
 RPF- LTPE1AWA
 CAB- LAAC200BR

AN/UGC-5B

TU- LP14WY/AJG
 ESU- LESU111
 KBD- LAK42BRJ
 MU- LMU12
 TD- LXD27
 RPF- LTPE1AWA
 CAB- LAAC200BR

AN/UGC-5BX

TU- LP14WY/AJG
 ESU- LESU111
 KBD- LAK42BRJ
 MU- LMU39
 TD- LXD27
 RPF- LTPE1AWA
 CAB- LAAC200BR

AN/UGC-5C

TU- LP14WY/AJG
 ESU- LESU111
 KBD- LAK42BRJ
 MU- LMU12
 TD- LXD27
 RPF- LTPE1AWA
 CAB- LAAC200BR

AN/UGC-5X

TU- LP14RN/AY
 ESU- LESU13
 KBD- LAK4ARN
 MU- LMU39
 TD- LXD3
 RPF- LTPE1AWA
 CAB- LAAC200BR

AN/UGC-6

TU- LP14RN/AY
 ESU- LESU13
 KBD- LAK4ARN
 MU- LMU3/LMU12
 TD- LXD3
 RPF- LTPEIAWA/LPR9AWA
 CAB- LAAC200BR

AN/UGC-6A

TU- LP14RN/AGH
 ESU- LESU13/LESU12
 KBD- LAK4ARN
 MU- LMU3/LMU12
 TD- LXD3
 RPF- LTPEIAWA/LPR9AWA
 CAB- LAAC200BR

AN/UGC-6AX

TU- LP14RN/AGH
 ESU- LESU12/LESU13
 KBD- LAK4ARN
 MU- LMU39/LMU41
 TD- LXD3
 RPF- LPR9AWA
 CAB- LAAC200BR

AN/UGC-6B

TU- LP14RN/AHF
 ESU- LESU13/LESU73
 KBD- LAK4ARN
 MU- LMU3/LMU12
 TD- LXD3
 RPF- LTPEIAWA/LPR9AWA
 CAB- LAAC200BR

AN/UGC-6C

TU- LP14RN/AHF
 ESU- LESU13/LESU73
 KBD- LAK4ARN
 MU- LMU3/LMU12
 TD- LXD3
 RPF- LTPEIAWA/LPR9AWA
 CAB- LAAC200BR

Table 1-2. Equipment-Subassembly Matrix-Continued

AN/UGC-6D

TU- LP14RN/AY
 ESU- LESU12/LESU111
 KBD- LAK42ARN
 MU- LMU3/LMU12
 TD- LXD27
 RPF- LTPEIAWA/LPR9AWA
 CAB- LAAC200BR

AN/UGC-6HX

TU- LP14RN/AJG
 ESU- LESU12/LESU111
 KBD- LAK46ARN
 MU- LMU38/LMU50
 TD- LXD27
 RPF- LTPEIAWA/LPR9AWA
 CAB- LAAC200BR

AN/UGC-6E

TU- LP14RN/AJE
 ESU- LESU111/LESU12
 KBD- LAK42ARN
 MU- LMU3/LMU12
 TD- LXD27
 RPF- LTPEIAWA/LPR9AWA
 CAB- LAAC200BR

AN/UGC-6J

TU- LP14WY/AJG
 ESU- LESU96/LESU111
 KBD- LAK42BRJ
 MU- LMU3/LMU12
 TD- LXD27
 RPF- LTPE1AWA/LPR9AWA
 CAB- LAAC200BR

AN/UGC-6F

TU- LP14RN/AJG
 ESU- LESU12/LESU111
 KBD- LAK42ARN
 MU- LMU3/LMU12
 TD- LXD27
 RPF- LTPE1AWA/LPR9AWA
 CAB- LAAC200BR

AN/UGC-6JX

TU- LP14WY/AJG
 ESU- LESU96/LESU111
 KBD- LAK42BRJ
 MU- LMU39/LMU41
 TD- LXD27
 RPF- LTPEIAWA/LPR9AWA
 CAB- LAAC200BR

AN/UGC-6FX

TU- LP14RN/AJG
 ESU- LESU12/LESU111
 KBD- LAK42ARN
 MU- LMU39/LMU41
 TD- LXD27
 RPF- LPR9AWA/LTPE1AWA
 CAB- LAAC200BR

AN/UGC-6K

TU- LP14WY/AJG
 ESU- LESU96/LESU111
 KBD- LAK42BRJ
 MU- LMU3/LMU12
 TD- LXD27
 RPF- LTPE1AWA/LPR9AWA
 CAB- LAAC200BR

AN/UGC-6G

TU- LP14RN/AGH
 ESU- LESU12/LESU111
 KBD- LAK42ARN
 MU- LMU3/LMU12
 TD- LXD27
 RPF- LTPEIAWA/LPR9AWA
 CAB- LAAC200BR

AN/UGC-6L

TU- LP14WY/AJE
 ESU- LESU96/LESU111
 KBD- LAK42BRJ
 MU- LMU3/LMU12
 TD- LXD27
 RPF- LTPEIAWA/LPR9AWA
 CAB- LAAC200BR

Table 1-2. Equipment-Subassembly Matrix-Continued

AN/UGC-6MY

TU- LP14WY/AJE
 ESU- LESU96/LESU111
 KBD- LAK42BRJ
 MU- LMU38/LMU50
 TD- LXD27
 RPF- LTPEIAWA/LPR9AWA
 CAB- LAAC200BR

AN/UGC-8

TU- LP14RE/AY
 ESU- LESU13/LESU12
 KBD- LAK4ARE
 MU- LMU3/LMU12
 TD- LXD3
 RPF- LTPEIARE/LPR9ARE
 CAB- LAAC200BR

AN/UGC-6NX

TU- LP14RN/AJF Paper Winder - LPW300BR
 ESU- LESU96/LESU111 Base - LCXB1/
 KBD- LAK42ARN LRB36
 MU- LMU39/LMU41
 TD- LXD27
 RPF- LTPE1AWA/LPR9AWA
 CAB- LAAC200BR

TU- LP14RE/ACX
 ESU- LESU12/LESU13
 KBD- LAK4ARE
 MU- LMU3/LMU12
 TD- LXD3
 RPF- LTPEIARE/LPR9ARE
 CAB- LAAC200BR

AN/UGC-6X

TU- LP14RN/AY
 ESU- LESU12/LESU13
 KBD- LAK4ARN
 MU- LMU39/LMU41
 TD- LXD3
 RPF- LPR9AWA/LTPEIAWA
 CAB- LAAC200BR

AN/UGC-8AX

TU- LP14RE/ACX
 ESU- LESU12/LESU13
 KBD- LAK4ARE
 MU- LMU39/LMU41
 TD- LXD3
 RPF- LPR9ARE/LTPE1ARE
 CAB- LAAC200BR

AN/UGC-7

TU- LP14RE/AY
 ESU- LESU13
 KBD- LAK4ARE
 MU- LMU12
 TD- LXD3
 RPF- LTPE1ARE
 CAB- LAAC200BR

AN/UGC-8B

TU- LP14RE/AJG
 ESU- LESU12/LESU111
 KBD- LAK42ARE
 MU- LMU3/LMU12
 TD- LXD27
 RPF- LTPEIARE/LPR9ARE
 CAB- LAAC200BR

AN/UGC-7X

TU- LP14RE/AY
 ESU- LESU13
 KBD- LAK4ARE
 MU- LMU41
 TD- LXD3
 RPF- LTPE1ARE
 CAB- LAAC200BR

AN/UGC-8X

TU- LP14RE/AY
 ESU- LESU12/LESU13
 KBD- LAK4ARE
 MU- LMU39/LMU41
 TD- LXD3
 RPF- LPR9ARE/LTPE1ARE
 CAB- LAAC200BR

Table 1-2. Equipment-Subassembly Matrix-Continued

AN/UGC-13

TU- LP77BG/AGM
 ESU- 173824
 KBD- LAK21BSS
 MU- LMU3/LMU12
 TD- LXD11
 RPF- LPR35BRP/LPR36BRP
 CAB- LAAC229BR

AN/UGC-13AX

TU- LP77BG/AGM
 ESU- 173824
 KBD- LAK21BSS
 MU- LMU39/LMU41
 TD- LXD11
 RPF- LPR36BRP/LPR35BRP
 CAB- LAAC229BR

AN/UGC-13B

TU- LP77YD/AGM
 ESU- 310183
 KBD- LAK45BRW
 MU- LMU3/LMU12
 TD- LXD29
 RPF- LPR35BRP/LPR57BRP
 CAB- LAAC229BR

AN/UGC-13BX

TU- LP77YD/AGM
 ESU-
 KBD- LAK33BRW
 MU- LMU39/LMU41
 TD- LXD11
 RPF- LPR57BRP/LPR35BRP
 CAB- LAAC229BR
 T.D. Base - LCXB13

AN/UGC-13C

TU- LP77YD/AGM
 ESU- 173824
 KBD- LAK21BRW
 MU- LMU3/LMU12
 TD- LXD11
 RPF- LPR35BRP/LPR36BRP
 CAB- LAAC229BR
 CAB- LAAC237BR

AN/UGC-13CX

TU- LP77YD/AGM
 ESU- 173824
 KBD- LAK21BRW
 MU- LMU39/LMU41
 TD- LXD11
 RPF- LPR36BRP/LPR35BRP
 CAB- LAAC229BR

AN/UGC-13X

TU- LP77BG/AGM
 ESU- 173824
 KBD- LAK21BSS
 MU- LMU39/LMU41
 TD- LXD11
 RPF- LPR35BRP/LPR36BRP
 CAB- LAAC229BR

AN/UGC-14

TU-
 ESU-
 KBD-
 MU- LMU11(2)
 TD- LAXD7(2)
 RPF- LPR34BRP(2)
 CAB- LBAC222BR

AN/UGC-15

TU- LP108RN/AY
 ESU- LESU13
 KBD- LAK31ARN
 MU- LMU12
 TD- LXD11
 RPF- LPR51BWA
 CAB- LAAC237BR

AN/UGC-15X

TU- LP108RN/AY
 ESU- LESU13
 KBD- LAK31ARN
 MU- LMU39
 TD- LXD11
 RPF- LPR51BRP

Table 1-2. Equipment-Subassembly Matrix-Continued

AN/UGC-16

TU- LP108RN/AY
 ESU- LESU13/LESU12
 KBD- LAK31ARN
 MU- LMU12/LMU3
 TD- LXD11
 RPF- LPR51BWA/LPR52BWA
 CAB- LAAC237BR
 TD Base -LCXB13
 RPF Base -LRB42

AN/UGC-16A

ESU-
 TU- LP108RN/AGH
 ESU- LESU13/LESU12
 KBD- LAK31ARN
 MU- LMU12/LMU3
 TD- LXD11
 RPF- LPR52BWA/LPR51BWA
 CAB- LAAC237BR
 TD Base- LCXB13
 RPF Base LRB42

AN/UGC-17

TU-
 ESU-
 KBD-
 MU- LMU11(2)
 TD- LAXD8(2)
 RPF- LPR34BRP(2)
 CAB- LBAC238BR

AN/UGC-18

MU- LMU51
 TU- LP108RE/ACX
 ESU- LESU12/LESU13
 KBD- LAK31ARE
 MU- LMU12/LMU13
 TD- LXD11
 RPF- LPR51BRH/LPR52BRH
 CAB- LAAC237BR
 TD Base- LCXB13
 RPF Base- LRB42

AN/UGC-19

TU- LP105RN/AGB
 ESU- LESU6/119
 KBD- LK30ARN
 MU- LMU41
 TD-
 RPF-
 CAB- LPC202BR (cov.)

AN/UGC-20

TU- LP111RN/AY
 KBD- LLK2ARN
 MU- LMU37
 TD-
 RPF-
 CAB- LPC400BR (cov.)

AN/UGC-20A

TU- LP111RN/AJG
 ESU-
 KBD- LLK2ARN
 MU- LMU37
 TD-
 RPF-
 CAB- LPC400BR (cov.)

AN/UGC-20AX

TU- LP111RN/AJG
 ESU-
 KBD- LLK3CRL
 TD-
 RPF-
 CAB- LPC400BR (cov.)

AN/UGC-20B

TU- LP156WY/AJG
 ESU-
 KBD- LLK4CRS
 MU- LMU37
 TD-
 RPF-
 CAB- LPC403BR (cov.)

Table 1-2. Equipment-Subassembly Matrix-Continued

AN/UGC-20BX

TU- LP156WY/AJG
 ESU-
 KBD- LLK4CRS
 MU- LMU51
 TD-
 RPF-
 CAB- LPC403BR (cov.)

AN/UGC-20X

TU- LP111RN/AY
 ESU-
 KBD- LLK3ARN
 MU- LMU51
 TD- TD-
 RPF- RPF-
 CAB- LPC400BR (cov.)

AN/UGC-22

TU- LP65RN/AGB
 ESU- LESU6/119
 KBD- LK8ARN
 MU- LMU41
 TD- TD-
 RPF-
 CAB- LPC202BR (cov.)

AN/UGC-22A

TU- LP65WY/AJD
 ESU- LESU6/119
 KBD- LK48BRJ
 MU- LMU38
 TD-
 RPF-
 CAB- LPC202BR (cov.)

AN/UGC-25

TU- LP111RN/AY
 ESU-
 KBD-
 MU- LMU37
 TD-
 RPF-
 CAB- LPC401BR (cov.)

AN/UGC-25A

TU- LP111WY/AJG
 ESU-
 KBD-
 MU- LMU37
 TD-
 RPF-
 CAB- LPC401BR (cov.)

AN/UGC-25AX

TU- LP111WY/AJG
 ESU-
 KBD-
 MU- LMU51
 CAB- LPC401BR (cov.)

AN/UGC-25X

TU- LP111RN/AY
 ESU-
 KBD-
 MO- LMU51
 RPF-
 CAB- LPC401BR (cov.)

AN/UGC-31

TU-
 ESU-
 KBD-
 MU- LMU11(2)
 TD- LAXD7(2)
 RPF- LPR34BRP(2)
 CAB- LBAC253BR

AN/UGC-32

TU- LP77YD/AJV
 ESU- 304203
 KBD- LAK47BRW
 MU- LMU3/LMU12
 TD- LXD31
 RPF- LPR57BRP/LPR35BRP
 CAB- LAAC229BR

Table 1-2. Equipment-Subassembly Matrix -Continued

AN/UGC-32X

TU- LP77YD/AJV
 ESU- 304203
 KBD- LAK47BRW
 MU- LMU39/LMU41
 TD- LXD31
 RPF- LPR35BRP/LPR57BRP
 CAB- LAAC229BR

AN/UGC-32Y

TU- LP77YD/AJV
 ESU- 304203
 KBD- LAK47BRW
 MU- LMU38/LMU50
 TD- LXD31
 RPF- LPR57BRP/LPR35BRP
 CAB- LAAC229BR

AN/UGC-34

TU- LP65RE/AJD
 ESU- LESU6/119
 KBD- LK48ARE
 MU- LMU3
 TD-
 RPF-
 CAB- LPC202BR (cov.)

AN/UGC-35

TU- LP77RE/AGM
 ESU- 310183
 KBD- LAK45ARE
 MU- LMU3/LMU12
 TD- LXD29
 RPF- LPR57ARE/LPR35ARE
 CAB- LAAC229BR

AN/UGC-37

TU- LP77RE/AJV
 ESU- 304203
 KBD- LAK47ARE
 MU- LMU3/LMU12
 TD- LXD31
 RPF- LPR35BRH/LPR57BRH
 CAB- LAAC229BR

AN/UGC-43

TU- LP11RE/AJF
 ESU-
 KBD- LLK2CRM
 MU- LMU37
 TD-
 RPF-
 CAB- LPC400BR (cov.)

AN/UGC-44

TU- LP77RE/AJV
 ESU- 304203
 KBD- LAK47ARE
 MU- LMU39/LMU41
 TD- LXD31
 RPF- LPR35BRH/LPR57BRH
 CAB- LAAC229BR

AN/UGC-45

TU-
 ESU-
 KBD-
 MU- LMU13(2)
 TD- LAXD7(2)
 RPF- LPR34BRP(2)
 CAB- LBAC253BR

AN/UGC-47

TU- LP138WY/AJG
 ESU- LESU128
 KBD- LK61BRJ
 MU- LMU3
 TD-
 RPF-
 CAB- LAC227BR

AN/UGC-47X

TU- LP138WY/AJG
 ESU- LESU128
 KBD- LK61BRJ
 MU- LMU41
 TD-
 RPF-
 CAB- LAC227BR

Table 1-2. Equipment-Subassembly Matrix-Continued

AN/UGC-48

TU- LP134RN/AJG
 ESU- LESU123
 KBD- LAK51ARN
 MU- LMU3/LMU12
 TD- LXD38
 RPF- LTPE1BRP/LPR72BRP
 CAB- LAAC251BR

AN/UGC-48A

TU- LP134WY/AJG
 ESU- LESU123
 KBD- LAK51BRJ
 MU- LMU3/LMU12
 TD- LXD38
 RPF- LTPE6BRP/LPR85BRP
 CAB- LAAC255BR

AN/UGC-48BY

TU- LP134WY/AJG
 ESU- LESU123
 KBD- LAK51BRJ
 MU- LMU61(2)
 TD- LXD38
 RPF- LPR85BRP/LTPE6BRP
 CAB- LAAC255BR

AN/UGC-48X

TU- LP134RN/AJG
 ESU- LESU123
 KBD- LAK51ARN
 MU- LMU38/LMU50
 TD- LXD38
 RPF- LTPE1BRP
 CAB- LAAC251BR

AN/UGC-49

TU- LP135BG/AGM
 ESU- LESU123
 KBD- LAK50BSS
 MU- LMU3/LMU12
 TD- LXD37
 RPF- LPR74BRP/LPR73BRP
 CAB- LAAC252BR

AN/UGC-49X

TU- LP135BG/AGM
 ESU- LESU123
 KBD- LAK50BSS
 MU- LMU39/LMU41
 TD- LXD37
 RPF- LPR73BRP/LPR74BRP
 CAB- LAAC252BR

AN/UGC-50

TU- LP135BG/AGM
 ESU- 324060
 KBD-
 MU- LMU3
 TD-
 RPF-
 CAB- LPC213BR (cov.)

AN/UGC-50AY

TU- LP135BG/AGM
 ESU- 324060
 KBD-
 MU- LMU61
 TD-
 RPF-
 CAB- LPC213BR (cov.)

AN/UGC-50X

TU- LP135BG/AGM
 ESU- 324060
 KBD-
 MU- LMU38
 TD-
 RPF-
 CAB- LPC213BR (cov.)

AN/UGC-50Y

TU- LP135BG/AGM
 ESU- 324060
 KBD-
 MU- LMU41
 TD-
 RPF-
 CAB- LPC213BR (cov.)

Table 1-2. Equipment-Subassembly Matrix-Continued

AN/UGC-51

TU- LP135BG/AGM
 ESU- 324061
 KBD- LK59BSS
 MU- LMU3
 TD-
 RPF-
 CAB- LPC213BR (cov.)

AN/UGC-51AY

TU- LP135BG/AGM
 ESU- 324061
 KBD- LK59BSS
 MU- LMU61
 TD-
 RPF-
 CAB- LPC213BR (cov.)

AN/UGC-51X

TU- LP135BG/AGM
 ESU- 324061
 KBD- LK59BSS
 MU- LMU38
 TD-
 RPF-
 CAB- LPC213BR (cov.)
 RPF- LPR75BRP(6)

AN/UGC-51Y

TU- LP135BG/AGM
 ESU- 324061
 KBD- LK59BSS
 MU- LMU41
 TD-
 RPF-
 CAB- LPC213BR (cov.)

AN/UGC-54

TU- LP135BG/AGM
 ESU- LESU123
 KBD- LAK55BSS
 MU- LMU39/LMU41
 TD- LXD37
 RPF- LPR73BRP/LPR82BRP
 CAB- LAAC252BR

AN/UGC-54B

TU- LP135YD/AGM
 ESU- LESU123
 KBD- LAK55BSS
 MU- LMU61(2)
 TD- LXD37
 RPF- LPR73BRP/LPR82BRP
 CAB- LAAC252BR
 TD Base - LCXB24
 RPF-Base - LRB59

AN/UGC-55

ESU- 325918
 TU- LP135YD/AGM
 KBD- LK59BRW
 MU- LMU41
 TD-
 RPF-
 CAB- LPC213BR (cov.)

AN/UGC-56

TU-
 ESU-
 KBD-
 MU- LMU39(2)
 TD-

CAB-LBAC267BR

AN/UGC-57

TU- LP135BG/AGM
 ESU- LESU123
 KBD- LAK55BSS
 MU- LMU3/LMU12
 TD- LXD37
 RPF- LPR82BRP/LPR73BRP
 CAB- LAAC252BR

AN/UGC-58

TU- LP135YD/AGM
 ESU- 326471
 KBD-
 MU- LMU41
 TD-
 RPF-
 CAB- LPC213BR (cov.)

Table 1-2. Equipment-Subassembly Matrix-Continued

AN/UGC-59

TU- LP817TD/ATK
 ESU- LESU313
 KBD- LAK806ATL
 MU- LMU3
 TD- LXD804
 RPF- LRPE803
 CAB- LAAC300HF

AN/UGC-59A

TU- LP813TD/ATJ
 ESU- LESU313
 KBD- LAK806ATL
 MU- LMU3
 TD- LXD804
 RPF- LRPE803
 CAB- LAAC300HF

AN/UGC-60

TU- LP134WY/AJG
 ESU- LESU128
 KBD- LK73BRJ
 MU- LMU3
 TD- TD-
 RPF -
 CAB- LAC227BR

AN/UGC-60X

TU- LP134WY/AJG
 ESU- LESU128
 KBD- LX73BRJ
 MU- LMU38
 TD- TD-
 RPF-
 CAB- LAC227BR

AN/UGC-61

TU- LP149WY/AJG(3)
 ESU- 332726
 KBD- LK71BRJ
 MU- LMU3/LMU21(2)
 TD-
 RPF-
 CAB- LBAC280BR

AN/UGC-61A

TU- LP149WY/AJG(3)
 ESU- 332726
 KBD- LK71BRJ
 MU- LMU3/LMU21(2)
 TD-
 RPF-
 CAB- LBAC285BR

AN/UGC-61X

TU- LP149WY/AJG(3)
 ESU- 332726
 KBD- LK71BRJ
 MU- LMU38/LMU52(2)
 TD-
 RPF-
 CAB- LBAC280BR

AN/UGC-61Y

TU- LP149WY/AJG(3)
 ESU- 332726
 KBD- LK71BRJ
 MU- LMU28(2)/LMU41
 RPF-
 CAB- LBAC280BR

AN/UGC-62

TU- LP147YD/AJV
 ESU- 327604
 KBD- LAK56ARE
 MU- LMU3/LMU12
 LXD43
 RPF- LPR35ARE/LPR57ARE
 CAB- LAAC229BR

AN/UGC-63

TU- LP77YD/AGM
 ESU-
 KBD- LK25BRW
 MU- LMU3
 TD-
 RPF-
 CAB- LPC206BR (cov.)

Table 1-2. Equipment-Subassembly Matrix -Continued

AN/UGC-64

TU-
 ESU- 321231
 KBD-
 MU- LMU41
 TD-
 RPF- LPR72BRP
 CAB- LRC202BR (cov.)

AN/UGC-65

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD- LBXD9(6)
 RPF-
 CAB- LBAC229BR

AN/UGC-66

TU-
 ESU-
 KBD-
 MU- LMU41
 TD- LXD11
 RPF-
 CAB- LXDC200BR (cov.)

AN/UGC-67

TU- LP147YD/AJV
 ESU- 327604
 KBD- LAK56BRW
 MU- LMU3/LMU12
 TD- LXD43
 RPF- LPR35BRP/LPR57BRP
 CAB- LAAC229BR

AN/UGC-68

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD-
 RPF- LPR35BRP(6)
 CAB- LBAC243BR

AN/UGC-69

TU- LP14WY/AJG
 ESU- LESU136
 KBD- LAK42BRJ
 MU- LMU3/LMU12
 TD- LXD30
 RPF- LTPE1AWA/LPR9AWA
 CAB- LAAC257/BR

AN/UGC-70

TU-
 ESU- LESU96
 KBD-
 MU- LMU3
 TD-
 RPF- LPR55BRP
 CAB- LRC200BR (cov.)

AN/UGC-71

TU-
 ESU-
 KBD-
 MU- LMU19
 TD- LXD44
 RPF-
 CAB- LXDC202BR

AN/UGC-77

TU- LP156WY/AJG
 ESU-
 KBD- LLK4CRS
 MU- LMU37
 TD-
 RPF-
 CAB- LPC403BR (cov.)

AN/UGC-77X

TU- LP156WY/AJG
 ESU-
 KBD- LLK4CRS
 MU- LMU51
 TD-
 RPF-
 CAB- LPC403BR (cov.)

Table 1-2. Equipment-Subassembly Matrix-Continued

AN/UGC-78

TU-
 ESU-
 KBD- LTRK11BRJ
 MU- LMU3
 TD-
 RPF- LPR83BRP
 CAB- LSRC200BR (cov.)

AN/UGC-79

TU- LP813TD/ATJ
 ESU- LESU309
 KBD- LK804ATL
 MU- LMU3
 TD-
 RPF-
 CAB- LAC301HF

AN/UGC-83

TU- 37P004/001/AH
 ESU-
 KBD- 37T002/AP/003/MK
 MU-
 TD-
 RPF-
 CAB-

AN/UGC-87

TU- LP135BG/AGM
 ESU- LESU123
 KBD- LAK55BSS
 MU- LMU39/LMU41
 TD- LXD37
 RPF- LPR73BRP/LPR82BRP
 CAB- LAAC259BR

AN/UGC-88

TU- 37P801/001/XX/XXX/RB
 ESU-
 KBD- 37480DC/003/AF/001/AB/MK
 MU-
 TD- 37580DC/001/AA/MK
 RPF-
 CAB- 376800/003/AA/XXX/XX/MK

AN/UGC-88A

TU- 37P800/011/XX/XXX/AE
 ESU-
 KBD- 37481DC/010/BD/004/ZZ/MK
 MU-
 TD- 37582DC/OOO/AD/006/AK/MK
 RPF-
 CAB-

AN/UGC-88B

TU- 37P800/011/XX/XXX/AE
 ESU-
 KBD- 37481DC/010/BD/004/ZZ/MK
 MU-
 TD- 37582DC/001/AD/006/AG/MK
 RPF-
 CAB- 37C802/003/AC/XXX/XX/MK

AN/UGC-89

TU- 37P801/001/XX/XXX/AB
 ESU- -
 KBD- 37480DC/003/AA/001/AB/MK
 MU-
 TD-
 RPF-
 CAB- 37C800/003/AA/XXX/XX/MK

AN/UGC-89A

TU- 37P800/011/XX/XXX/AE
 ESU-
 KBD- 37481DC/010/BC/004/ZZ/MK
 MU-
 TD-
 RPF-
 CAB-

AN/UGC-89B

TU- 37P800/011/XX/XXX/AE
 ESU-
 KBD- 37481DC/010/BA/004/ZZ/MK
 MU-
 TD-
 RPF-
 CAB- 37C802/003/AC/XXX/XX/MK

Table 1-2. Equipment-Subassembly Matrix-Continued

AN/UGC-90

TU- LP135BG/AGM
 ESU- LESU123
 KBD- LAK50BSS
 MU- LMU3/LMU12
 TD- LXD37(2)
 RPF- LPR73BRP/LPR74BRP
 CAB- LAAC259BR

AN/UGC-90X

TU- LP135BG/AGM
 ESU- LESU123
 KBD- LAK50BSS
 MU- LMU39/LMU41
 TD- LXD37(2)
 RPF- LRP73BRP/LRP74BRP
 CAB- LAAC259BR

AN/UGC-91

TU- LP156RE/ESU
 ESU- -
 KBD- LLK4CRM
 MU-
 TD-
 TDRP-

CAB- LPC403BR (cov.)

AN/UGC-92

TU- 37P802/004/XX/XXX/AC
 ESU-
 KBD- 37480DC/004/AB/001/AC/MK
 MU-
 TD- 37580DC/001/AA/001/AA/MK
 RPF-
 CAB- 37C800/003/AA/XXX/XX/MK

AN/UGC-92A

TU- 37P802/008/XX/XXX/AC
 ESU-
 KBD- 37481DC/007/AU/004/ZZ/MK
 MU-
 TD- 37582DC/OOO/AD/006/AM/MK
 RPF-
 CAB-

AN/UGC-93

TU- 37P802/004/XX/XXX/AC
 ESU-
 KBD- 37480DC/004/AA/001/AC/MK
 MU-
 TD-
 RPF-
 CAB- 37C800/003/AA/XXX/XX/MK

AN/UGC-93A

TU- 37P802/008/XX/XXX/AC
 ESU-
 KBD- 37481DC/007/AV/004/ZZ/MK
 MU-
 TD-
 RPF-
 CAB- 37C802/003/AC/XXX/XX/MK

AN/UGC-96

TU- 37P800/001/XX/XXX/AE
 ESU-
 KBD- 37480DC/003/AB/001/AE/MK
 MU- LMU37TO-

RPF- 37580DC/001/AA/001/AB/MK
 CAB- 37C800/003/AA/XXX/XX/MK(Console)
 CAB- 37T800/XXX/AB/001/XX/MK(Table)

AN/UGC-104

TU- 37P800/001/XX/XXX/AE
 ESU-
 KBD- 37480DC/003/AA/001/AE/MK
 MU-
 TD-
 RPF-
 CAB- 37C800/003/AA/XXX/XX/MK

AN/UGC-105

TU- LP147YD/AJV
 ESU- 327605
 KBD- LK70BRW
 MU- LMU3
 TD-
 RPF-
 CAB- LAC214BR255

Table 1-2. Equipment-Subassembly Matrix -Continued

AN/UGC-106

TU- LP147RE/AJV
 ESU- 327605
 KBD- LK70ARE
 MU- LMU3
 TD-
 RPF-
 CAB- LAC214BR255

AN/UGC-107

TU- LP147/AJV
 ESU- 327605
 KBD- LK69BRW
 MU- LMU3
 TD-
 RPF-
 CAB- LAC214BR255

AN/UGC-108

TU- LP103YD/AJU
 ESU-
 KBD- LK68BRW
 MU- LMU3/LMU21
 TD-
 RPF-
 CAB- LBAC278/BR

AN/UGC-109

TU- 37P800/011/--/--/AG
 ESU-
 KBD- 37481DC/010/AM/004/ZZ/MK
 MU-
 TD-
 RPF-
 CAB- 37C802/003/AD/---/--/MK

AN/UGC-110

TU- 37P800/011/--/--/AG
 ESU-
 KBD- 37481DC/010/AJ/004/ZZ/MK
 MU- MU-
 TD- 37581DC/004/AC/004/AE/MK
 RPF-
 CAB- 37C802/003/AD/---/--/MK

AN/UGC-111

TU- LP806/TD/ATG
 ESU- LK802ATD
 KBD- LESU305KA
 MU- LMU3
 TD-
 RPF-
 CAB-

AN/UGC-112

TU- LP108WY/AJG
 ESU-
 KBD- LAK45BRJ
 MU- LMU39
 TD-
 RPF- LPR10AWA
 CAB- LBPC200BR

AN/UGC-113

TU- LP108WY/AJG
 ESU-
 KBD- LK51BRJ
 MU- LMU41
 TD-
 RPF-
 CAB- LPC206BR (conv.)

AN/UGC-115

TU- 37P800/011/--/--/AK
 ESU-
 KBD-
 MU-
 TD-
 RPF-
 CAB- 37880DC/012/AR/007/ZZ/MK

AN/UGC-116

TU- LP813TD/ATJ
 ESU- LESU313
 KBD- LAK806ATL
 LMU3
 TD- LXD804
 RPF- LPR805DRC
 CAB- LAAC300HF NJ

Table 1-2. Equipment-Subassembly Matrix-Continued

AN/UGC-118

TU- 37P801/011/--/--/AJ
 ESU- 37H800/---/AU/000/--
 KBD- 37C810/003/AJ/---/--
 MU- MU-
 TD- TD-
 RPF- RPF- LTP1AWA

CAB-

AN/UGC-119

TU- 37P801/011/--/--/AJ
 ESU-
 KBD- 37481DC/010/BB/004/ZZ/MK
 MU- MU-
 TD-
 RPF-
 CAB-

AN/UGC-121

TU- 37P800/011/--/--/AL
 ESU-
 KBD-
 MU-
 TD-
 RPF-
 CAB- 37881DC/013/BE/009/ZZ/MK

AN/UGC-122

TU- 40P101AA
 ESU-
 KBD- 40K101CAB
 MU- MU-
 TD-
 RPF-
 CAB- 40CAB901AB

AN/UGC-123

TU- LP162WY/AKL
 ESU-
 KBD- LLK5CRS (Base)
 MU- LMU37
 TD-
 RPF-
 CAB- LPC403BR (conv.)

AN/UGR-1

TU- LP67RN/AS
 ESU-
 KBD-
 LMU3/LMU24

CAB- PCU1(Upper)/PCL1(Lower)

AN/UGR-1A

TU- LP67RN/AJA
 ESU-
 KBD-
 LMU3/LMU24
 TD-
 RPF- LTP1AWA
 CAB- PCU1(Upper)/PCL1(Lower)

AN/UGR-2

TU-
 ESU- 310174
 KBD-
 MU- LMU24
 TD-
 RPF- LPR40AWA
 CAB- LRC205BR (conv.)

Base - LRB31

AN/UGR-3

TU- LP14RE/AJG
 ESU- LESU7/147
 KBD-
 LMU3
 TD-
 RPF-
 CAB- LAC204BR237

AN/UGR-4

TU- LP111RE/AJF
 ESU-
 KBD-
 MU- LMU37
 TD-
 RPF-
 CAB- LPC401BR (conv.)

Table 1-2. Equipment-Subassembly Matrix-Continued

AN/UGR-8

TU- LP138WY/AJG
 ESU- LESU128
 KBD-
 MU- LMU3
 TD-
 RPF-
 CAB- LAC227BR

AN/UGR-9

TU- LP139WY/AJG
 ESU- 321231
 KBD-
 MU- LMU37
 TD-
 RPF-
 CAB- LPC402BR (conv.)

AN/UGR-9X

TU- LP139WY/AJG
 ESU- 321231
 KBD-
 MU- LMU51
 TD-
 RPF-
 CAB- LPC402BR (conv.)

AN/UGR-10

TU- LP150WY/AJG(4)
 ESU- 321228/332727
 KBD-
 MU- LMU21(4)
 TD-
 RPF-
 CAB- LBAC281BR

AN/UGR-10A

TU- LP150WY/AJG(4)
 ESU- 321228/332727
 KBD-
 MU- LMU21(4)
 TD-
 RPF-
 CAB- LBAC286BR

AN/UGR-10X

TU- LP150WY/AJG(4)
 ESU- 321228/332727
 KBD-
 MU- LMU52(4)
 TD-
 RPF-
 CAB- LBAC281BR

AN/UGR-10OY

TU- LP150RN/AJG(4)
 ESU-
 KBD-
 MU- LMU28(4)
 TD-
 RPF-
 CAB- LBAC281BR

AN/UGR-11

TU- -
 ESU-
 KBD-
 MU- LMU12(2)
 TD-
 RPF- LPR75BRP(6)
 CAB- LBAC282BR

AN/UGR-12

TU-
 ESU-
 KBD-
 MU- LMU39(2)
 TD-
 RPF- LPR73BRP(6)
 CAB- LBAC286BR

AN/UGR-13

TU-
 ESU-
 KBD-
 MU- LMU39(2)
 TD-
 RPF- LPR75BRP(6)
 CAB- LBAC267BR

Table 1-2. Equipment-Subassembly Matrix-Continued

AN/UGR-14

TU- TU-
 ESU- Coded: 2101AB/013/AA/002/XX/MP
 KBD-
 MU- MU-
 TD-
 RPF-
 CAB-

AN/UGR-15

TU-
 ESU-
 KBD-
 MU-
 TD-
 RPF-
 CAB- DAAC3/AAB

AN/UGR-16

TU- LP139RE/AJF
 ESU- 321231
 KBD-
 MU- LMU37
 TD- TD-
 RPF-
 CAB- LPC402BR (conv.)

AN/UGR-17

TU-
 ESU- LESU73
 KBD-
 MU- LMU41
 TD-
 RPF- LPR40AWA
 CAB- LRC200BR

AN/UGR-18

TU- LP108WY/AJG
 ESU-
 KBD-
 MU- LMU41
 TD- TD-
 RPF-
 CAB- LPC206BR

AN/UGR-19

ESU-
 KBD-
 LMU39
 TD-
 RPF- LPR42AWA
 CAB- LBAC254BR

AN/UGR-20

TU-
 ESU-
 KBD-
 MU- LMU39
 TD-
 RPF- LPR42AWA
 CAB- LBAC257BR

AN/UGT-4

TU-
 ESU-
 KBD-
 MU- LMU12
 LXD37(3)
 RPF-
 CAB- LBAC272BR

AN/UGT-4X

TU-
 ESU-
 KBD-
 MU- LMU39
 TD- LXD37(3)
 RPF-
 CAB- LBAC272BR

AN/UGT-5

TU-
 ESU-
 KBD-
 MU- LMU12
 LXD38(3)
 RPF-
 CAB- LBAC274BR

Table 1-2. Equipment-Subassembly Matrix-Continued

AN/UGT-6

TU-
 ESU-
 KBD-
 MU- LMU12
 TD- LXD38(3)
 RPF-
 CAB- LBAC273BR

AN/UGT-6A

TU- TU-
 ESU-
 KBD-
 MU- LMU12
 TD- LXD38(3)
 RPF-
 CAB- LBAC284BR

AN/UGT-7

TU-
 ESU-
 KBD-
 MU- LMU12
 TD- LXD37(3)
 RPF-
 CAB- LBAC273BR

AN/UGT-8

TU-
 ESU-
 KBD-
 MU- LMU39
 TD- LBXD34
 RPF-
 CAB- LBAC229BR

TT-47/UG

TU- LP1/291
 ESU- LESU1
 KBD- LK1/MT
 MU- LMU1
 TD-
 RPF-
 CAB- LAC200BJ

TT-47A/UG

TU- LP3RN/AC100
 ESU- LESU5/103
 KBD- LK3RN101
 MU- LMU3
 TD-
 RPF-
 CAB- LAC200BJ104

TT-47B/UG

LP4RN/AC142
 ESU- LESU5/103
 KBD- LK4RN126
 MU- LMU3
 TD-
 RPF-
 CAB- LAC200BJ104

TT-47C/UG

TU- LP14RN/AY EE
 ESU- LESU7/147 -
 KBD- LK4RN/126
 MU- LMU3
 TD-
 RPF-
 CAB- LAC204BR237

TT-47D/UG

TU- LP14RN/AY
 ESU- LESU7/147
 KBD- LK1OARN
 MU- LMU3
 TD-
 RPF-
 CAB- LAC204BR237

TT-47E/UG

TU- LP14RN/AGH
 ESU- LESU7/147
 KBD- LK1OARN
 MU- LMU3
 TD-
 RPF-
 CAB- LAC204BR237

Table 1-2. Equipment-Subassembly Matrix -Continued

TT-47F/UG

TU- LP14RN/AY
 ESU- LESU7/147
 KBD- LK49ARN
 MU- LMU3
 TD-
 RPF-
 CAB- LAC204BR237

TT-47G/UG

TU- LP14RN/AGH
 ESU- LESU7/147
 KBD- LK49ARN
 MU- LMU3
 TD-
 RPF-
 CAB- LAC204BR237

TT-47H/UG

TU- LP108RN/AY
 ESU- LESU7/147
 KBD- LK35ARN
 MU- LMU3
 TD-
 RPF-
 CAB- LAC204BR237

TT-47J/UG

TU- LP14WY/AJG
 ESU- LESU7/147
 KBD- LK11BRJ
 MU- LMU3
 TD-
 RPF -
 CAB- LAC204BR237

TT-47K/UG

TU- LP14WY/AJE
 ESU- LESU7/147
 KBD- LK11BRJ
 MU- LMU3
 TD-
 RPF-
 CAB- LAC204BR237

TT-47L/UG

TU- LP108WY/AJG
 ESU- LESU7/147
 KBD- LK77BRJ
 MU- LMU3
 TD-
 RPF-
 CAB- LAC204BR237

TT-48/UG

TU- LP1/291
 ESU- LESU1
 KBD- LK1/MT
 MU- LMU4
 TD-
 RPF-
 CAB- LAC200BJ

TT-48A/UG

TU- LP3RN/AC100
 ESU- LESU5/103
 KBD- LK3RN101
 MU- LMU4
 TD-
 RPF-
 CAB- LAC200BJ104

TT-48B/UG

TU- LP14RN/AY
 ESU- LESU7/147
 KBD- LK4RN126
 MU- LMU41
 TD-
 RPF-
 CAB- LAC204BR237

TT-48C/UG

TU- LP14RN/AY
 ESU- LESU7/147
 KBD- LK1OARN
 MU- LMU41
 TD-
 RPF-
 CAB- LAC204BR237

Table 1-2. Equipment-Subassembly Matrix -Continued

TT-48D/UG

TU- LP108RN/AY
 ESU- LESU7/147
 KBD- LK35ARN
 MU- LMU41
 TD-
 RPF-
 CAB- LAC204BR237

TT-48E/UG

TU- LP14RN/AGH
 ESU- LESU7/147
 KBD- LK1OARN
 MU- LMU41
 TD-
 RPF-
 CAB- LAC204BR237

TT-48F/UG

TU- LP14WY/AJG
 ESU- LESU7/147
 KBD- LK11BRJ
 MU- LMU41
 TD-
 RPF-
 CAB- LAC204BR237

TT-48G/UG

TU- LP14WY/AJG
 ESU- LESU7/147
 KBD- LK11BRJ
 MU- LMU38
 TD-
 RPF-
 CAB- LAC204BR237

TT-48H/UG

TU- LP14RN/AJG
 ESU- LESU7/147
 KBD- LK49ARN
 MU- LMU41
 TD-
 RPF-
 CAB- LAC204BR237

TT-48J/UG

TU- LP14WY/AJE
 ESU- LESU7/147
 KBD- LK49ARN
 MU- LMU41
 TD-
 RPF-
 CAB- LAC204BR237

TT-48K/UG

TU- LP108RN/AJG
 ESU- LESU7/147
 KBD- LK35ARN
 MU- LMU38
 TD-
 RPF-
 CAB- LAC204BR237

TT-69/UG

TU- LP1/291
 ESU- LESU1
 KBD- LK1/MT
 MU- LMU1
 TD-
 RPF-
 CAB- LAC201BJ105

TT-69A/UG

TU- LP3RN/AC100
 ESU- LESU5/103
 KBD- LK3RN101
 MU- LMU3
 TD-
 RPF-
 CAB- LAC201BJ105

TT-69B/UG

TU- LP14RN/AY
 ESU- LESU7/147
 KBD- LK4RN126
 MU- LMU3
 TD-
 RPF-
 CAB- LAC203BR236

Table 1-2. Equipment-Subassembly Matrix -Continued

TT-69C/UG

TU- LP14RN/AY
 ESU- LESU7/147
 KBD- LK1OARN
 MU- LMU3
 TD- TD-
 RPF- RPF-
 CAB- LAC203BR236

TT-69D/UG

TU- LP108RN/AY
 ESU- LESU7/147
 KBD- LK35ARN
 MU- LMU3
 TD-
 RPF-
 CAB- LAC203BR236

TT-69E/UG

TU- LP14WY/AJG
 ESU- LESU7/147
 KBD- LK49BRJ
 MU- LMU3
 TD-
 RPF-
 CAB- LAC203BR236

TT-69F/UG

TU- LP14RN/AJG
 ESU- LESU7/147
 KBD- LK1OARN
 MU- LMU3
 TD-
 RPF-
 CAB- LAC203BR236

TT-69G/UG

TU- LP14WY/AJE
 ESU- LESU7/147
 KBD- LK49BRJ
 MU- LMU3
 TD-
 RPF-
 CAB- LAC203BR236

TT-70/UG

TU- LP1/291
 ESU- LESU'
 KBD- LK1/MT
 MU- LMU4

CAB- LAC200BJ

TT-70A/UG

TU- LP3RN/AC100
 ESU- LESU5/103
 KBD- LK3RN101
 MU- LMU4
 TD-
 RPF-
 CAB- LAC201BJ105

TT-70B/UG

TU- LP4RN/AC1
 ESU- LESU5/103
 KBD- LK4RN126
 MU- LMU4
 TD-
 RPF-
 CAB- LAC201BJ

TT-70C/UG

TU- LP14RN/AY
 ESU- LESU7/147
 KBD- LK4RN126
 MU- LMU4
 TD-
 RPF-
 CAB- LAC203BR236

TT-70D/UG

TU- LP14RN/AY
 ESU- LESU7/147
 KBD- LK1OARN
 MU- LMU41
 TD-
 RPF-
 CAB- LAC203BR236

Table 1-2. Equipment-Subassembly Matrix-Continued

TT-70E/UG

TU- LP14WY/AJG
 ESU- LESU7/147
 KBD- LK49BRJ
 MU- LMU41
 TD-
 RPF-
 CAB- LAC203BR236

TT-70F/UG

TU- LP14RN/AJG
 ESU- LESU7/147
 KBD- LK49ARN
 MU- LMU41
 TD-
 RPF-
 CAB- LAC203BR236

TT-128/UG

TU- MX1422/UG
 ESU- LESU1
 KBD- MX1421/UG
 MU- PD17/U
 TD-
 RPF-
 CAB- LAC200BJ104

TT-128A/UG

TU- LP14RE/AY
 ESU- LESU7/147
 KBD- LK3RE101
 MU- LMU3
 TD-
 RPF-
 CAB- LAC204BR237

TT-128B/UG

TU- LP108RE/ACX
 ESU- LESU7/147
 KBD- LK35ARE
 MU- LMU3
 TD-
 RPF-
 CAB- LAC204BR237

TT-128C/UG

TU- LP14RE/AJF
 ESU- LESU7/147
 KBD- LK49ARE
 MU- LMU3
 TD-
 RPF-
 CAB- LAC204BR237

TT-129/UG

TU- MX1422/UG
 ESU- LESU1
 KBD- MX1421/UG
 MU- LMU4
 TD-
 RPF-
 CAB- LAC200BJ104

TT-129A/UG

TU- LP14RE/AY
 ESU- LESU7/147
 KBD- LK3RE101
 MU- LMU4
 TD-
 RPF-
 CAB- LAC204BR237

TT-130/UG

TU- MX1422/UG
 ESU- LESU1
 KBD- MX1421/UG
 MU- PD17/U
 TD-
 RPF-
 CAB- LAC201BJ105

TT-130A/UG

TU- LP14RE/AY
 ESU- LESU7/147
 KBD- LK3RE101
 MU- LMU3
 TD-
 RPF-
 CAB- LAC203BR236

Table 1-2. Equipment-Subassembly Matrix-Continued

TT-130B/UG

TU- LP14RE/AY
 ESU- LESU7/147
 KBD- LK1OARE
 MU- LMU3
 TD-
 RPF-
 CAB- LAC203BR236

TT-130C/UG

TU- LP14RE/AJF
 ESU- LESU7/147
 KBD- LK49ARE
 MU- LMU3
 TD-
 RPF-
 CAB- LAC203BR236

TT-131/UG

TU- MX1422/UG
 ESU- LESU1
 KBD- MX1421/UG
 MU- LMU4
 TD-
 RPF-
 CAB- LAC200BJ104

TT-131A/UG

TU- LP14RE/AY
 ESU- LESU7/147
 KBD- LK3RE101
 MU- LMU4
 TD-
 RPF-
 CAB- LAC203BR236

TT-171/UG

TU- LP3RN/AC100
 ESU- LESU5/103
 KBD-
 MU- LMU3
 TD-
 RPF-
 CAB- LAC200BJ104

TT-171A/UG

TU- LP14RN/AY
 ESU- LESU7/147
 KBD-
 MU- LMU3
 TD-
 RPF-
 CAB- LAC204BR237

TT-171B/UG

TU- LP108RN/AY
 ESU- LESU7/147
 KBD-
 MU- LMU3
 TD-
 RPF-
 CAB- LAC204BR237

TT-171C/UG

TU- LP14WY/AJG
 ESU- LESU7/147
 KBD-
 MU- LMU3
 TD-
 RPF-
 CAB- LAC204BR237

TT-176/UG

TU- LP4RN/AC117
 ESU- LESU6/119
 KBD- LK4RN/118
 MU- LMU3
 TD-
 RPF-
 CAB- LPC202BR120 (conv.)

TT-176A/UG

TU- LP65RN/AGB
 ESU- LESU6/119
 KBD- LK8ARN
 MU- LMU3
 TD-
 RPF-
 CAB- LPC202BR120 (conv.)

Table 1-2. Equipment-Subassembly Matrix-Continued

TT-176B/UG

TU- LP105WY/AGB
 ESU- LESU6/119
 KBD- LK30BRJ
 MU- LMU3
 TD-
 RPF-
 CAB- LPC202BR (conv.)

TT-176C/UG

TU- LP65WY/AJD
 ESU- LESU6/119
 KBD- LK78BRJ
 MU- LMU3
 TD-
 RPF-
 CAB- LPC202BR (conv.)

TT-187/UG

TU-
 ESU-
 KBD-
 MU- LMU3
 TD- LXD1
 RPF-
 CAB- LXDC200BR (conv.)

TT-187A/UG

TU-
 ESU-
 KBD-
 MU- LMU19
 TD- LXD4
 RPF-
 CAB- LXDC201BR (conv.)

TT-187B/UG

TU-
 ESU-
 KBD-
 MU- LMU19
 TD- LXD11
 RPF-
 CAB- LXDC201BR (conv.)

TT-187C/UG

TU-
 ESU-
 KBD-
 MU- LMU19
 TD- LXD30
 RPF-
 CAB- LXDC201BR (conv.)

TT-187D/UG

TU- Base - LXDB7596S
 ESU-
 KBD-
 MU- LMU19
 TD- LXD29
 RPF-
 CAB- LXDC201BR (conv.)

TT-187E/UG

TU-
 ESU-
 KBD-
 MU- LMU19
 TD- LXD29
 RPF-
 CAB- LXDC201BR (conv.)

TT-192/UG

TU- Base - LRB8
 ESU-
 KBD-
 MU- LMU3
 TD-
 RPF- LPR9AWA
 CAB- LRC202BR (conv.)

TT-192A/UG

TU- Base - LRB31
 ESU-
 KBD-
 MU- LMU24
 TD-
 RPF- LPR40AWA
 CAB- LRC205BR (conv.) NJ

Table 1-2. Equipment-Subassembly Matrix -Continued

TT-192B/UG

TU-
 ESU-
 KBD-
 MU- LMU3
 TD-
 RPF- LPR9AWA
 CAB- LRC202BR (conv.)

Base - LRB49

TT-243/FG

TU- LP59WY/AFK-
 ESU- LESU42
 KBD- LK18BRE
 MU- LMU3
 TD-
 RPF-
 CAB- LAC204BR148

TT-192C/UG

TU-
 ESU-
 KBD-
 MU- LMU56
 TD-
 RPF- LPR62BRP
 CAB- LRC211BR (cov.)

TT-244/UG

TU- LP6RA/AN172
 ESU- LESU42
 KBD- LK3RN101
 MU- LMU4
 TD-
 RPF-
 CAB- LAC204BR148

TT-234/SGA-3

TU- LP14WY/AY
 ESU- LESU7/147
 KBD- LK9BRJ
 MU- LMU3
 TD-
 RPF-
 CAB- LAC207BR248

TT-244A/UG

TU- LP19RN/AN
 ESU- LESU42
 KBD- LK3RN101
 MU- LMU4
 TD-
 RPF-
 CAB- LAC204BR148

TT-240/UG

TU- LP4RN/AC117
 ESU- LESU6/119
 KBD- LK4RN/118
 MU- LMU4
 TD-
 RPF-
 COV- LPC202BR

TT-247/FG

TU- LP59WY/AFK
 ESU- LESU42
 KBD- LK18BRE
 MU- LMU3
 TD-
 RPF-
 CAB- LAC203BR149

TT-241/UG

TU- LP3RN/AC100
 ESU- LESU5/103
 KBD-
 MU- LMU4
 TD-
 RPF-
 CAB- LAC200BJ104

TT-248/UG

TU- LP6RA/AN172
 ESU- LESU42
 KBD- LK3RN101
 MU- LMU4
 TD-
 RPF-
 CAB- LAC201BJ105

Table 1-2. Equipment-Subassembly Matrix -Continued

TT-253/UG
 TU- TU-
 ESU- ESU- LESU7/147
 KBD- LTRK1ARN
 MU- LMU3
 TD- TD-
 RPF- LPR9AWA
 CAB- LSRC200BR (conv.)

TT-253A/UG
 TU- TU-
 ESU-
 KBD- LTRK5ARN
 MU- LMU3
 TD-
 RPF- LPR53BRP
 CAB- LSRC200BR (conv.)

TT-253B/UG
 TU- TU-
 ESU-
 KBD- LTRK1ARN
 MU- LMU3
 TD-
 RPF- LPR53BRP
 CAB- LSRC200BR (conv.)

TT-253C/UG
 TU- TU-
 ESU-
 KBD- LTRK6BRJ
 MU- LMU3
 TD-
 RPF- LPR53BRP
 CAB- LSRC200BR (conv.)

TT-253D/UG
 TU-
 ESU-
 KBD- LTRK6ARN
 MU- LMU3
 TD- TD-
 RPF- LPR9AWA
 CAB- LSRC200BR (conv.)

TT-261/UG
 LP14RN/AY

 KBD-
 MU- LMU3

 RPF-
 CAB- LAC203BR236

TT-261A/UG
 LP108RN/AY
 ESU- LESU7/147
 KBD-
 MU- LMU3
 TD-
 RPF-
 CAB- LAC203BR236

TT-261B/UG
 LP14RN/AJG
 ESU- LESU7/147
 KBD-
 MU- LMU3
 TD-
 RPF-
 CAB- LAC203BR236

TT-262/FG
 LP67RN/AS
 ESU-
 KBD-
 MU- LMU3
 TD-
 RPF-
 CAB- PCU1(Upper)/PCL1(Lower)

TT-273/UG
 TU-
 ESU-
 KBD-
 MU- LMU41
 LXD1
 RPF-
 CAB- LXDC200BR (conv.)

Table 1-2. Equipment-Subassembly Matrix -Continued

TT-273A/UG

TU-
 ESU-
 KBD-
 MU- LMU38
 TD- LXD30
 RPF-
 CAB- LXDC200BR (cov.)

TT-274/UG

TU-
 ESU-
 KBD-
 MU- LMU41
 TD-
 RPF- LPR9AWA
 CAB- LRC202BR (cov.)

TT-274A/UG

TU-
 ESU-
 KBD-
 MU- LMU38
 TD-
 RPF- LPR9AWA
 CAB- LRC202BR (cov.)

TT-274B/UG

TU-
 ESU- 173395BR
 KBD-
 MU- LMU41
 TD-
 RPF- LPR35BRP
 CAB- LRC202BR (cov.)

TT-275/UG

TU- LP14RN/AY
 ESU- LESU7/147
 KBD-
 MU- LMU41
 TD-
 RPF-
 CAB- LAC203BR236

TT-283/UG

TU- LP14RN/AY
 ESU- LESU7/147
 KBD-
 MU- LMU41
 TD-
 RPF-
 CAB- LAC204BR237

TT-283A/UG

TU- LP14WY/AJG
 ESU- LESU7/147
 KBD-
 MU- LMU38
 TD-
 RPF-
 CAB- LAC204BR237

TT-287/GPA-73

TU- LP67RV/AS
 ESU-
 KBD-
 MU LMU41
 TD-
 RPF-
 CAB- PCU1(Upper)/PCL1(Lower)

TT-292/UG

TU-
 ESU-
 KBD- LTRK1ARN
 MU- LMU41
 TD-
 RPF- LPR9AWA
 CAB- LSRC200BR (cov.)

TT-292A/UG

TU-
 ESU-
 KBD- LTRK6BRJ
 MU- LMU38
 TD-
 RPF- LPR53BRP
 CAB- LSRC200BR (cov.)

Base - LRB49

Table 1-2. Equipment-Subassembly Matrix-Continued

TT-306/UG

TU- LP77YD/AGM
 ESU- 173395BR
 KBD- KBD- LK25BRW
 MU- LMU3
 TD- TD-
 RPF- RPF-
 CAB- LPC206BR (cov.)

TT-306A/UG

TU- LP77BG/AGM
 ESU- 173395BR
 KBD- KBD- LK51BRW
 MU- LMU3
 TD- TD-
 RPF- RPF-
 CAB- LPC206BR (cov.)

TT-306B/UG

TU- LP77YD/AGM
 ESU- 310174
 KBD- KBD-
 MU- LMU3
 TD- TD-
 RPF- RPF- LPR35BRP(6)
 CAB- LPC206BR (cov.)

TT-306X/UG

TU- LP77YD/AGM
 ESU- ESU-
 KBD- KBD-
 MU- LMU41
 TD- TD-
 RPF- RPF- LPR35BRP(6)
 CAB- LPC206BR (cov.)

TT-307/UG

TU- LP77YD/AGM
 ESU- 173395BR
 KBD- LK25BRW
 MU- LMU3
 TD- TD-
 RPF- RPF- LPR35BWA(6)
 CAB- LPC206BR (cov.)
 Paper Winder - RL-215/UG

TT-307A/UG

TU- LP77BG/AGM
 ESU- 173395BR

 MU- LMU3

 CAB- LPC206BR (cov.)

TT-307B/UG

TU- LP77YD/AGM
 ESU- 310174

 MU- LMU3

 CAB- LPC206BR (cov.)

TT-308/UG

TU-
 ESU-

 MU- LMU12(2)

 CAB- LBAC225BR

TT-308A/UG

TU-

 MU- LMU12(2)

 CAB- LBAC260BR

TT-308X/UG

TU-
 ESU-
 KBD-
 MU- LMU39(2)

 CAB- LBAC225BR

Table 1-2. Equipment-Subassembly Matrix-Continued

TT-309/UG

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD-
 RPF- LPR37BRP(6)
 CAB- LBAC224BR

TT-309A/UG

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD-
 RPF- LPR37BRP(6)
 CAB- LBAC259BR

TT-310/UG

TU-
 ESU- -
 KBD-
 MU- LMU3(2)
 TD- LXD11/LBXD16 (3 ea.)
 RPF-
 CAB- LBAC223BR

Base - LMXB205BR
 LMXB206BR

TT-310A/UG

TU-
 ESU-
 KBD-
 MU- LMU3(2)
 TD- LXD29/LBXD27 (3 ea.)
 RPF-
 CAB- LBAC7519SBR

TT-329/UG

TU-
 ESU-
 KBD-
 MU- LMU3
 TD- BRPE15 (Punch)
 RPF-
 CAB- BRPEC200BR (cov.)

TT-331/UG

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD-
 RPF- LPR35BRP(6)
 CAB- LBAC231BR

TT-331A/UG

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD-
 RPF- LPR35BRP(6)
 CAB- LBAC243BR

TT-332/UG

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD-
 RPF- LPR37BRP(6)
 CAB- LBAC230BR

TT-332A/UG

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD-
 RPF- LPR37BRP(6)
 CAB- LBAC242BR

TT-333/UG

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD- LBXD9(6)
 RPF-
 CAB- LBAC229BR

Table 1-2. Equipment-Subassembly Matrix -Continued

TT-333A/UG

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD- LBXD9(6)
 RPF-
 CAB- LBAC250BR

TT-340/UG

TU- LP77YD/AGM
 ESU- 173816
 KBD-
 MU- LMU4
 TD-
 RPF-
 CAB- LPC206BR (cov.)

TT-340A/UG

TU- LP77YD/AGM
 ESU- 173816
 KBD-
 MU- LMU41
 TD-
 RPF-
 CAB- LPC206BR (cov.)

TT-340B/UG

TU- LP77BG/AGM
 ESU- 173395BR
 KBD-
 MU- LMU41
 TD-
 RPF-
 CAB- LPC206BR (cov.)

TT-341/UG

TU- LP77YD/AGM
 ESU- 173816
 KBD- LK25BRW
 MU- LMU4
 TD-
 RPF-
 CAB- LPC206BR (cov.)
 Paper Winder - RL-215/UG

TT-341A/UG

TU- LP77YD/AGM
 ESU- 173395BR
 KBD- LK25BRW
 MU- LMU41
 TD-
 RPF-
 CAB- LPC206BR (cov.)
 Paper Winder - RL-235/UG

TT-341B/UG

TU- LP77YD/AGM
 ESU- 173395BR
 KBD- LK25BRW
 MU- LMU41
 TD-
 RPF-
 CAB- LPC206BR (cov.)

TT-341C/UG

TU- LP77BG/AGM
 ESU- 173395BR
 KBD- LK25BSS
 MU- LMU41
 TD-
 RPF-
 CAB- LPC206BR (cov.)

TT-350/UG

TU-
 ESU-
 KBD-
 MU- LMU3
 TD- BRPE9 (Punch)
 RPF-
 CAB- BRPEC200BU (cov.)

TT-403/UG

TU-
 ESU-
 KBD-
 MU- LMU14(2)
 TD-
 RPF- LPR35BWA(6)
 CAB- LBAC231BR
 RPF Base - LMRB204BZ(2)

Table 1-2. Equipment-Subassembly Matrix -Continued

TT-403A/UG

TU-
 ESU-
 KBD-
 MU- LMU38(2)
 TD-
 RPF- LPR35BRP(6)
 CAB- LBAC243BR

TT-404/UG

TU-
 ESU-
 KBD-
 MU- LMU14(2)
 TD-
 RPF- LPR37BWA(6)
 CAB- LBAC230BR
 RPF Base - LMRB204BZ(2)
 Tape Winder - RL216/UG

TT-404A/UG

TU-
 ESU-
 KBD-
 MU- LMU38(2)
 TD-
 RPF- LPR37BRP(6)
 CAB- LBAC242BR

TT-405/UG

TU-
 ESU-
 KBD-
 MU- LMU14(2)
 TD- LBXD9(6)
 RPF-
 CAB- LBAC229BR
 TD Base - LMXB200BR(2)

TT-405A/UG

TU-
 ESU-
 KBD-
 MU- LMU38(2)
 TD- LBXD9(6)
 RPF-
 CAB- LBAC250BR

TT-461/UG

TU-
 ESU-
 KBD-
 MU- LMU38(2)
 TD- LBXD9(3)
 RPF- LPR37BRP(3)
 CAB- LBAC232BR

TT-461A/UG

TU-
 ESU-
 KBD-
 MU- LMU38(2)
 TD- LBXD9(3)
 RPF- LPR37BRP(3)
 CAB- LBAC240BR

TT-462/UG

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD- LBXD9(3)
 RPF- LPR37BRP(3)
 CAB- LBAC232BR

TT-462A/UG

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD- LBXD9(3)
 RPF- LPR37BRP(3)
 CAB- LBAC240BR

Table 1-2. Equipment-Subassembly Matrix -Continued

TT-463/UG

TU-
 ESU-
 KBD-
 MU- LMU43
 TD- CX800 (Reader)
 RPF-
 CAB- CXC200BU (cov.)

TT-509/UG

TU-
 ESU-
 KBD-
 MU- LMU38
 TD-
 RPF- BRPE15
 CAB- BRPEC200BR (cov.)

TT-525/UG

TU- LP77YD/AGM
 ESU- 173783
 KBD-
 MU- LMU3
 TD-
 RPF-
 CAB- LAC214BR255

TT-525X/UG

TU- LP77YD/AGM
 ESU- 173783
 KBD-
 MU- LMU41
 TD-
 RPF-
 CAB- LAC214BR255

TT-533/UG

TU-
 ESU-
 KBD-
 MU- LMU41
 TD- LXD11
 RPF-
 CAB- LXDC200BR (cov.)

TT-553/UG

TU-
 ESU-
 KBD-
 MU- LMU41
 TD- LXD11
 RPF-
 CAB- LXDC200BR (cov.)
 Base - LXDB9

TT-556/UG

TU-
 ESU-
 KBD-
 MU- LMU50(2)
 TD- LXD11/LBXD16 (3 ea.)
 RPF-
 CAB- LBAC223BR

TT-570/UG

TU-
 ESU- 326792
 KBD-
 MU- LMU19
 TD- LXD37
 RPF-
 CAB- LXDC201BR (cov.)

TT-571/UG

TU-
 ESU- 321231
 KBD-
 MU- LMU3
 TD-
 RPF- LPR72BRP
 CAB- LRC202BR (cov.)

TT-575/UG

TU-
 ESU-
 KBD-
 MU- LMU3
 TD-
 RPF- BRPE15
 CAB- BRPEC200BR (cov.)

Table 1-2. Equipment-Subassembly Matrix -Continued

TT-576/UG

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD-
 RPF- LPR73BRP(6)
 CAB- LBAC268BR

TT-576A/UG

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD-
 RPF- LPR73BRP(6)
 CAB- LBAC283BR

TT-577/UG

TU-
 ESU-
 KBD-
 MU- LMU12(2)
 TD-
 RPF- LPR75BRP(6)
 CAB- LBAC267BR

TT-578/UG

TU-
 ESU-
 KBD-
 MU- LMU38(2)
 TD-
 RPF- LPR73BRP(6)
 CAB- LBAC268BR

TT-579/UG

TU-
 ESU-
 KBD-
 MU- LMU38(2)
 TD- TD-
 RPF- LPR75BRP(6)
 CAB- LBAC267BR

TT-583/UG

TU- LP77YD/AGM
 ESU- 173816BR
 KBD-
 MU- LMU3
 TD-
 RPF-
 CAB- LPC206BR (cov.)

TT-584/UG

TU- LP77YD/AJV
 ESU- 304206
 KBD-
 MU- LMU41
 TD-
 RPF-
 CAB- LAC214BR255

TT-603/UG

TU-
 ESU- 326792
 KBD-
 MU- LMU19
 TD- LXD38
 RPF-
 CAB- LXDC201/BR (cov.)

TT-605/UG

TU-
 ESU- 321231
 KBD-
 MU- LMU56
 TD-
 RPF- LPR88AWA
 CAB- LRC211BR (cov.)

TT-622/UG

TU-
 ESU-
 KBD-
 MU- LMU41
 LXD4
 RPF-
 CAB- LXDC201BR (cov.)
 TD Base - LXDB3

Table 1-2. Equipment-Subassembly Matrix -Continued

TT-627/UG

TU- LP19RA/AN
ESU- LESU7/134
KBD-
MU- LMU3
TD-
RPF-
CAB- LAC204BR250

TT-659/UG

TU-
ESU-
KBD-
MU- LMU41
TD- LXD29
RPF-
CAB- LXDC200BZ (cov.)

SECTION IV.

Application of Teletypewriter Equipment in Active System Configurations

Figures 1-1 through 1-4 are block diagrams of the B, C, G and P Teletypewriter circuit configurations. They are shown here only to illustrate teletypewriter 0967-LP-301-7020 Afloat Communication Systems Criteria Handbook Volume II Circuit Configurations.

Figures 1-5 through 1-28 are photographs of various teletypewriters described in this index. All photographs are courtesy of Teletype Corporation.

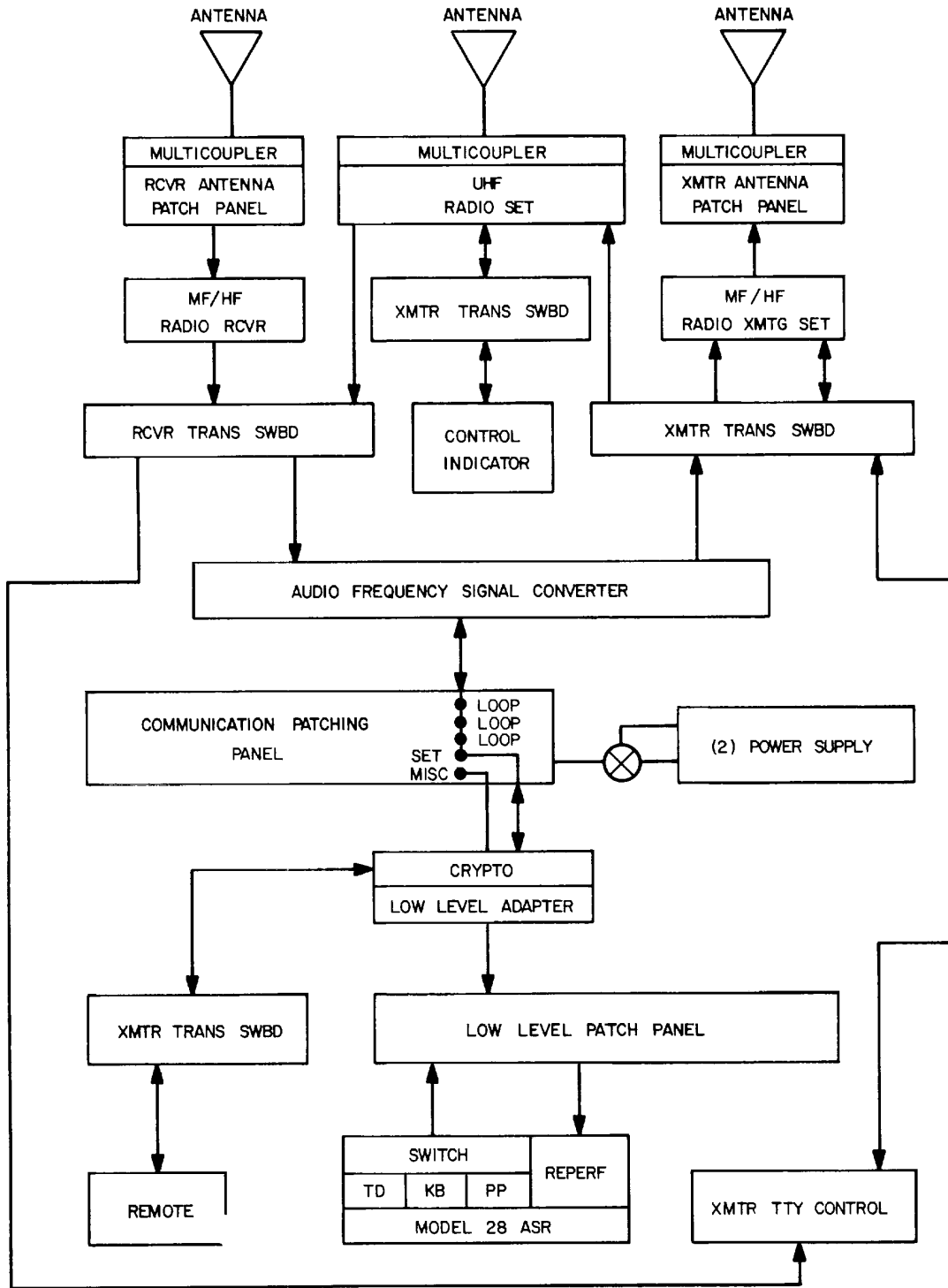


Figure 1-1. Type "B" (AFTS-Low Level) Simplex Teletypewriter Circuit Configuration

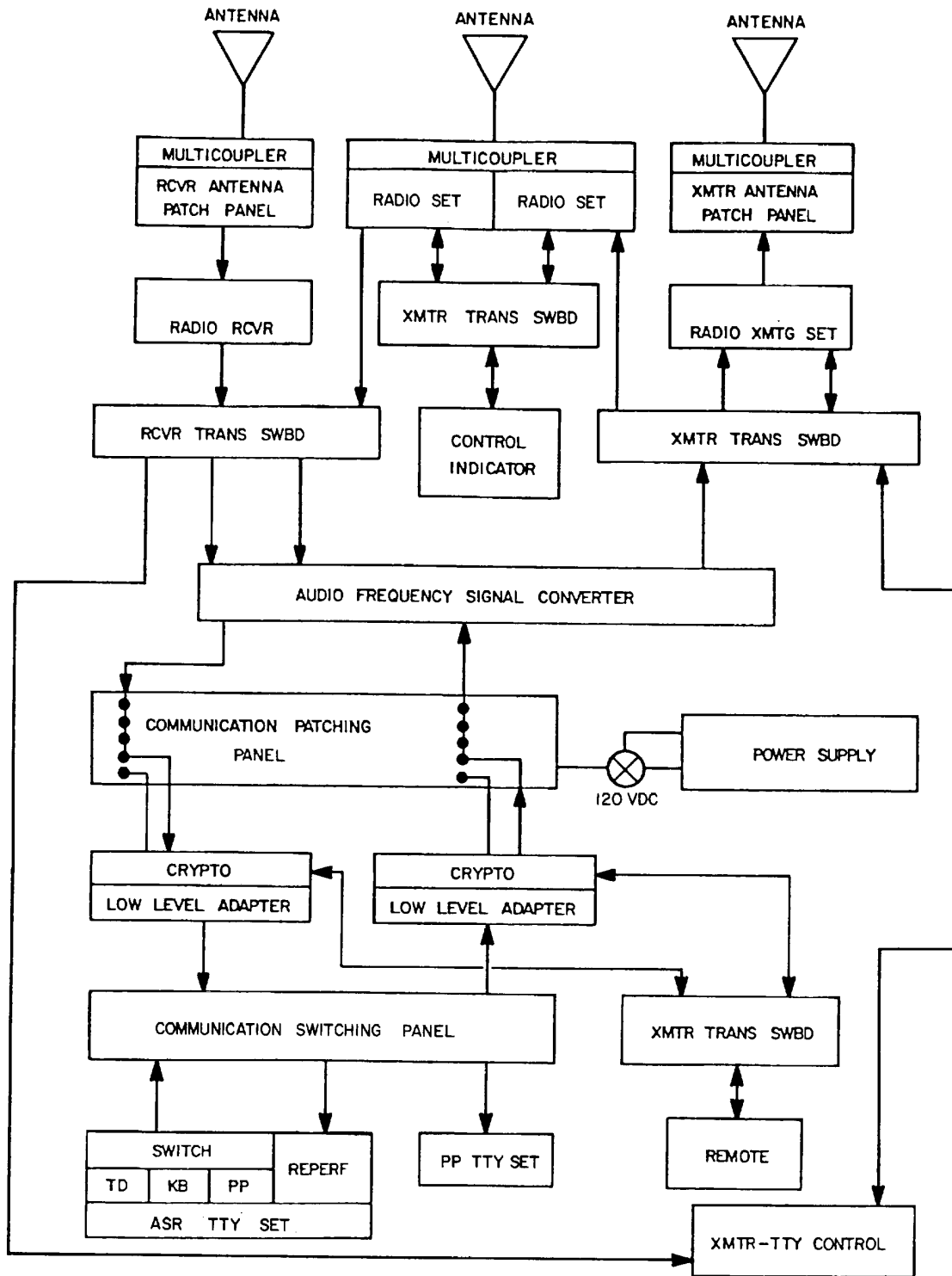


Figure 1-2. Type "C" (AFTS-Low Level) Duplex Teletypewriter Circuit Configuration

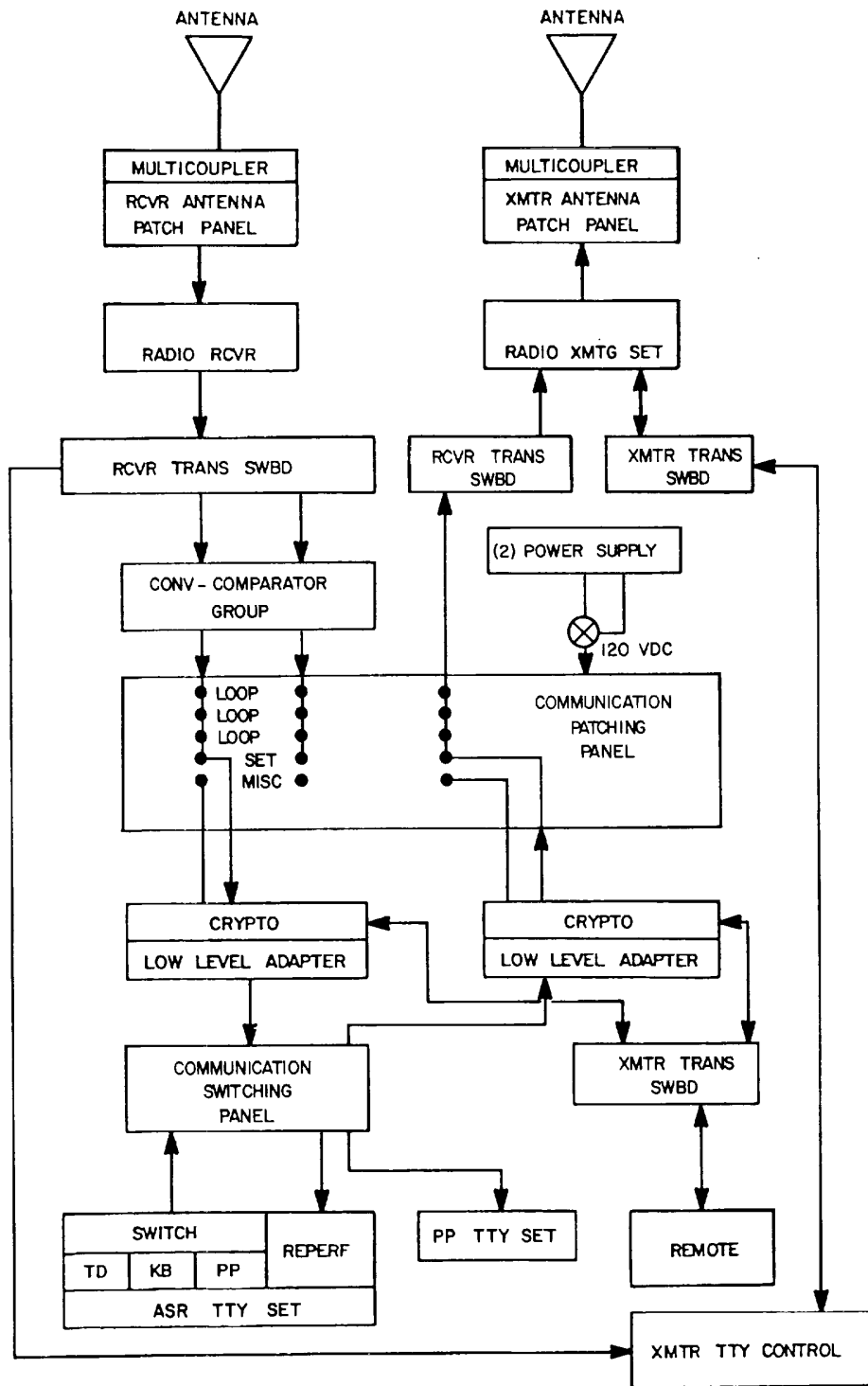


Figure 1-3. Type "G" (RFCS-Low Level) Duplex Teletypewriter Circuit Configuration

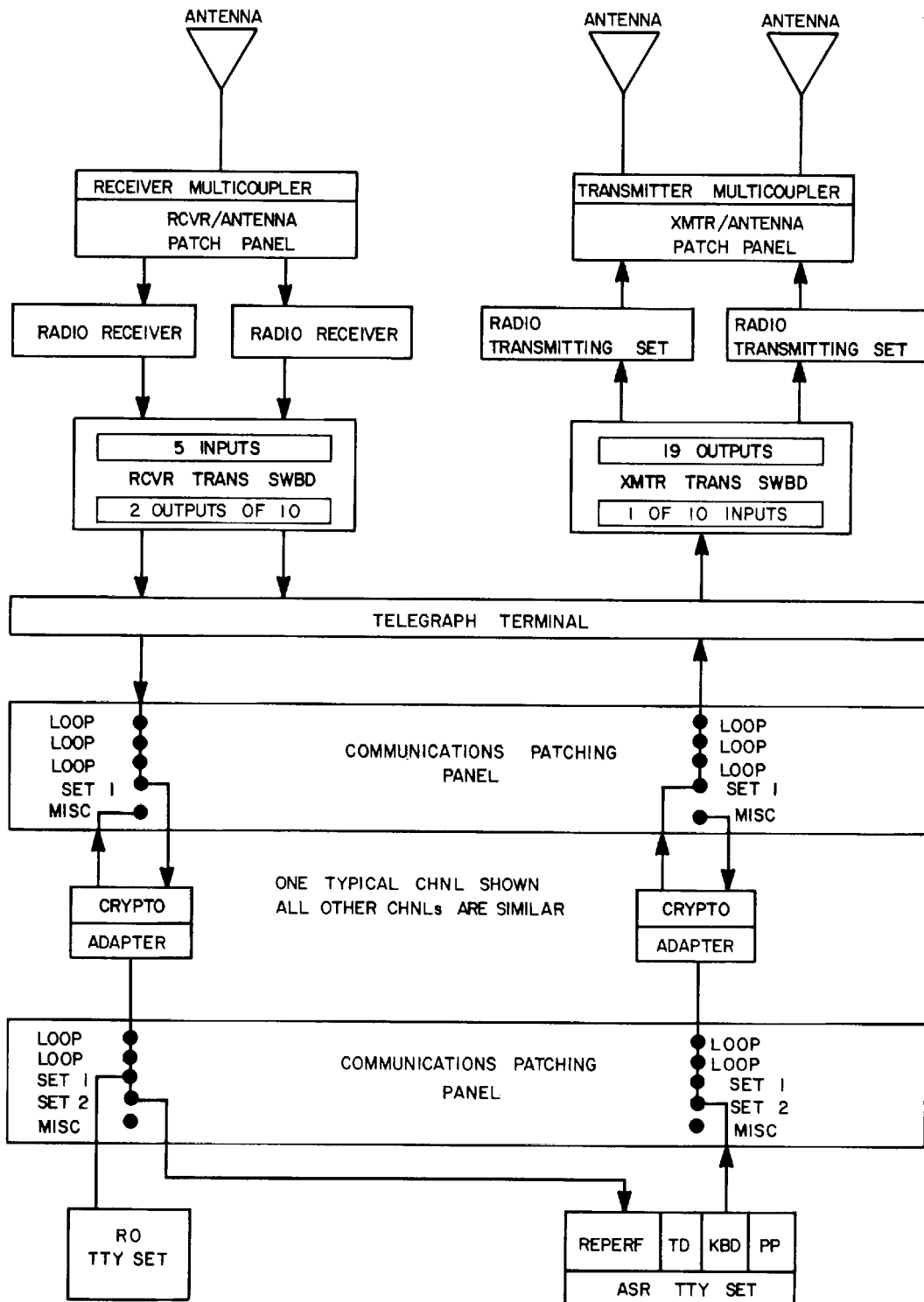
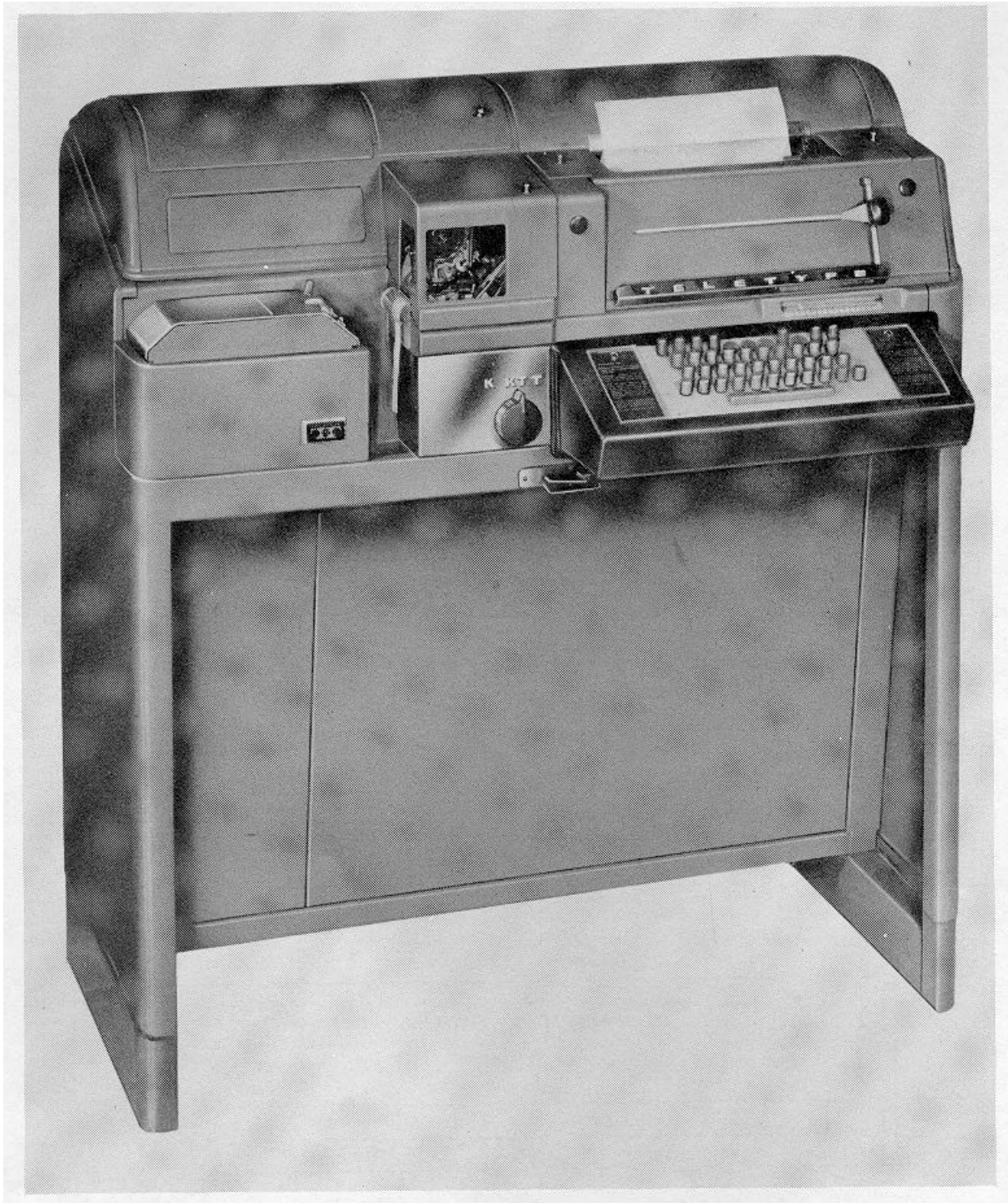
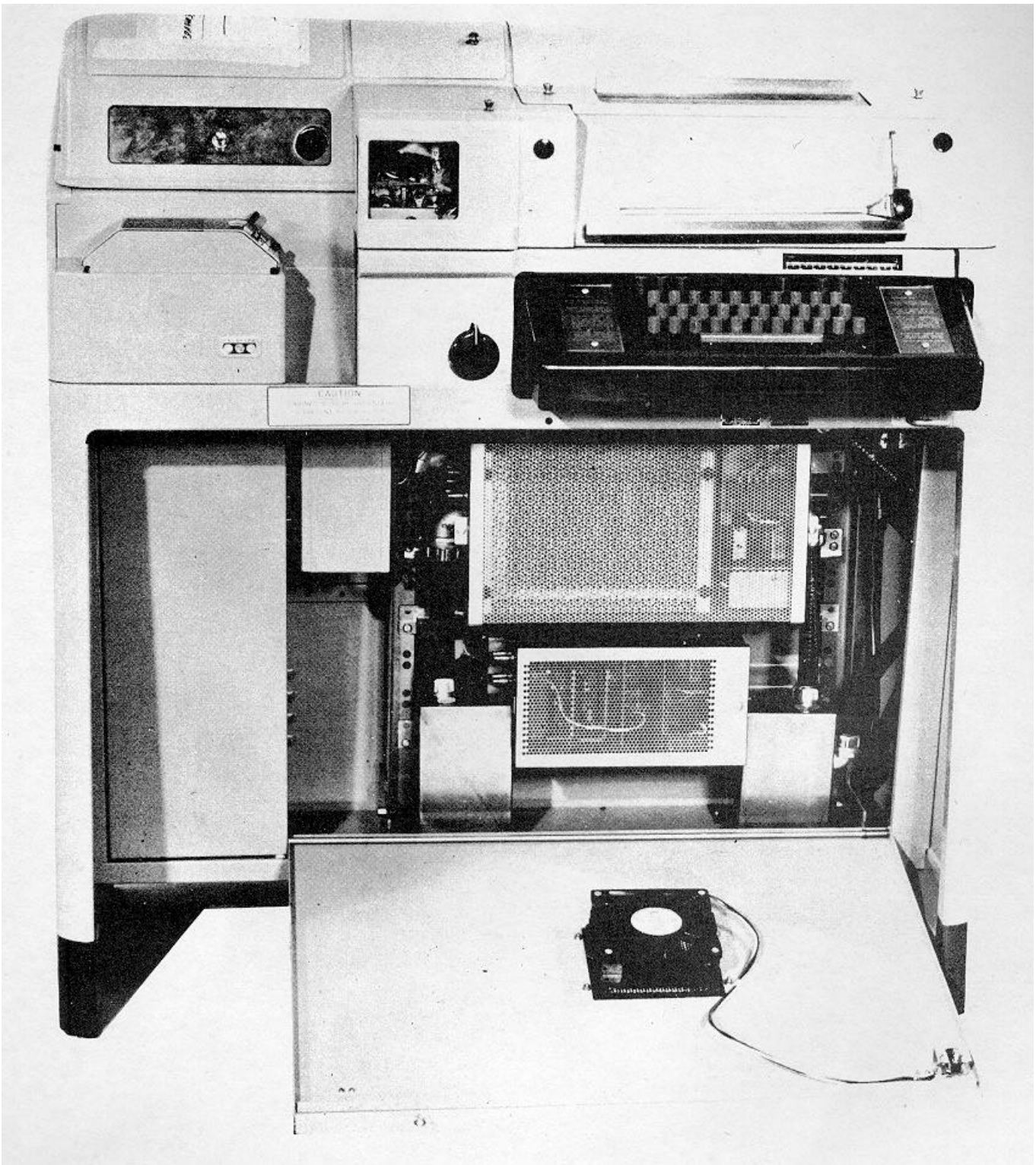


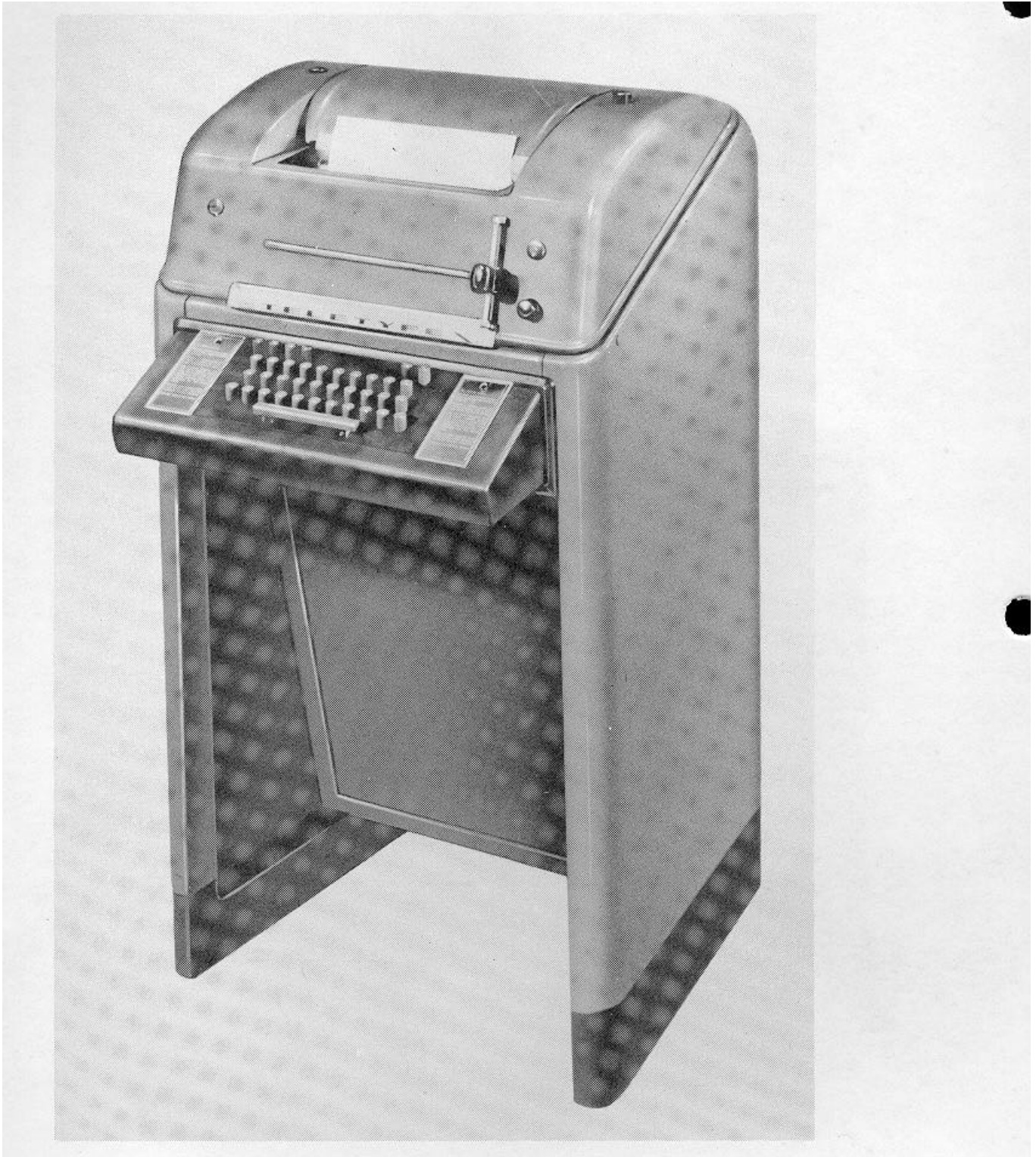
Figure 1-4. Type "P" (AFTS-Low Level) Duplex Multichannel Teletypewriter Circuit Configuration



*Figure 1-5. Model 28 Automatic Send-Receive Page Printer Set
Photograph courtesy of Teletype Corporation*



*Figure 1-6. Model 28 Low Level Automatic Send-Receive Page Printer Set
Photograph courtesy of Teletype Corporation*



*Figure 1-7. Model 28 Keyboard Send-Receive Page Printer Set
Photograph courtesy of Teletype Corporation*

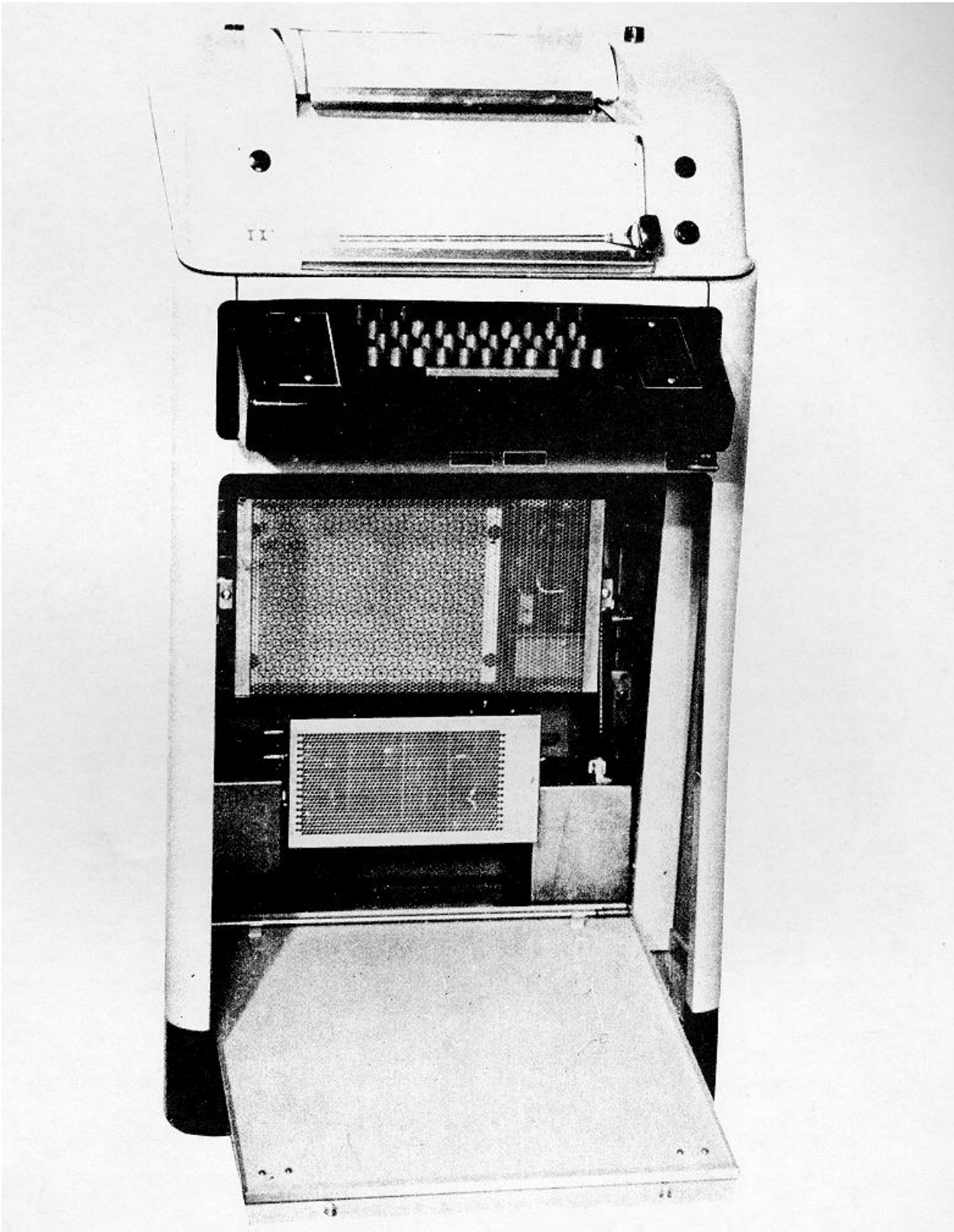


Figure 1-8. Model 28 Low Level Keyboard Send-Receive Page Printer Set
Photograph courtesy of Teletype Corporation



Figure 1-9. Model 28 Rack Mounted Keyboard Send-Receive Page Printer Set (Skintight Cover)

Photograph courtesy of Teletype Corporation

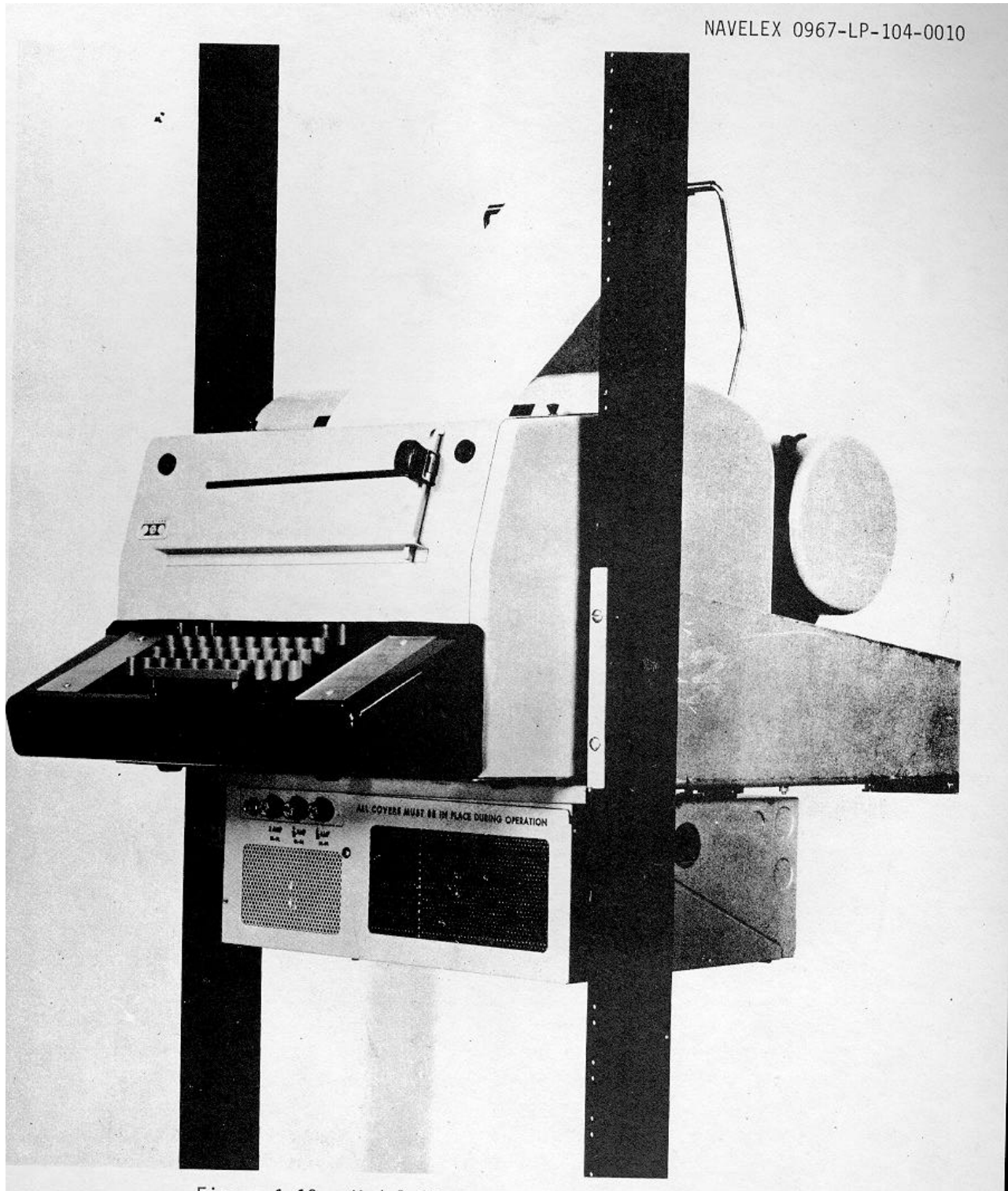


Figure 1-10. Model 28 Low Level Keyboard Send-Receive Page Printer Set (Rack Mounted)

Photograph courtesy of Teletype Corporation

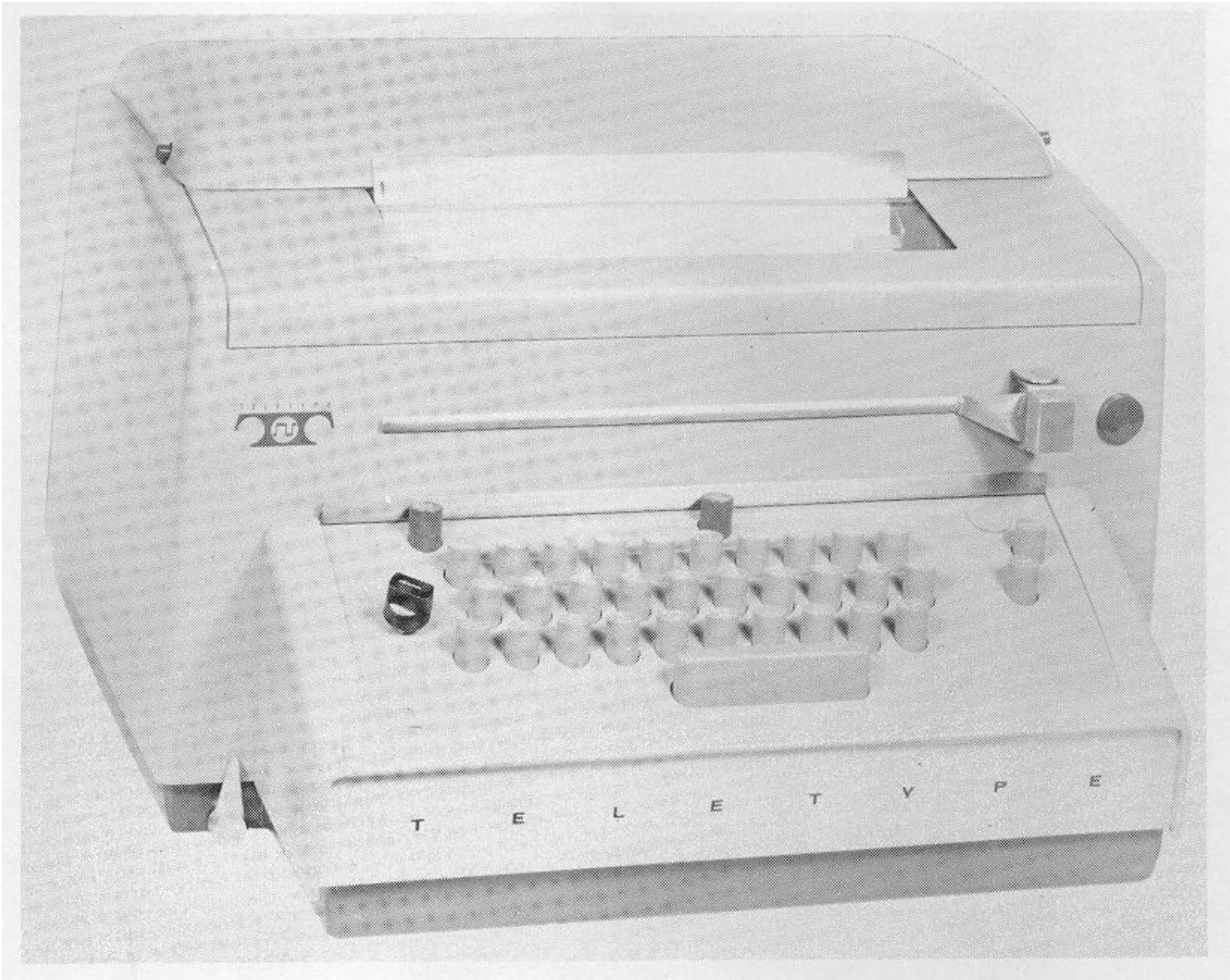
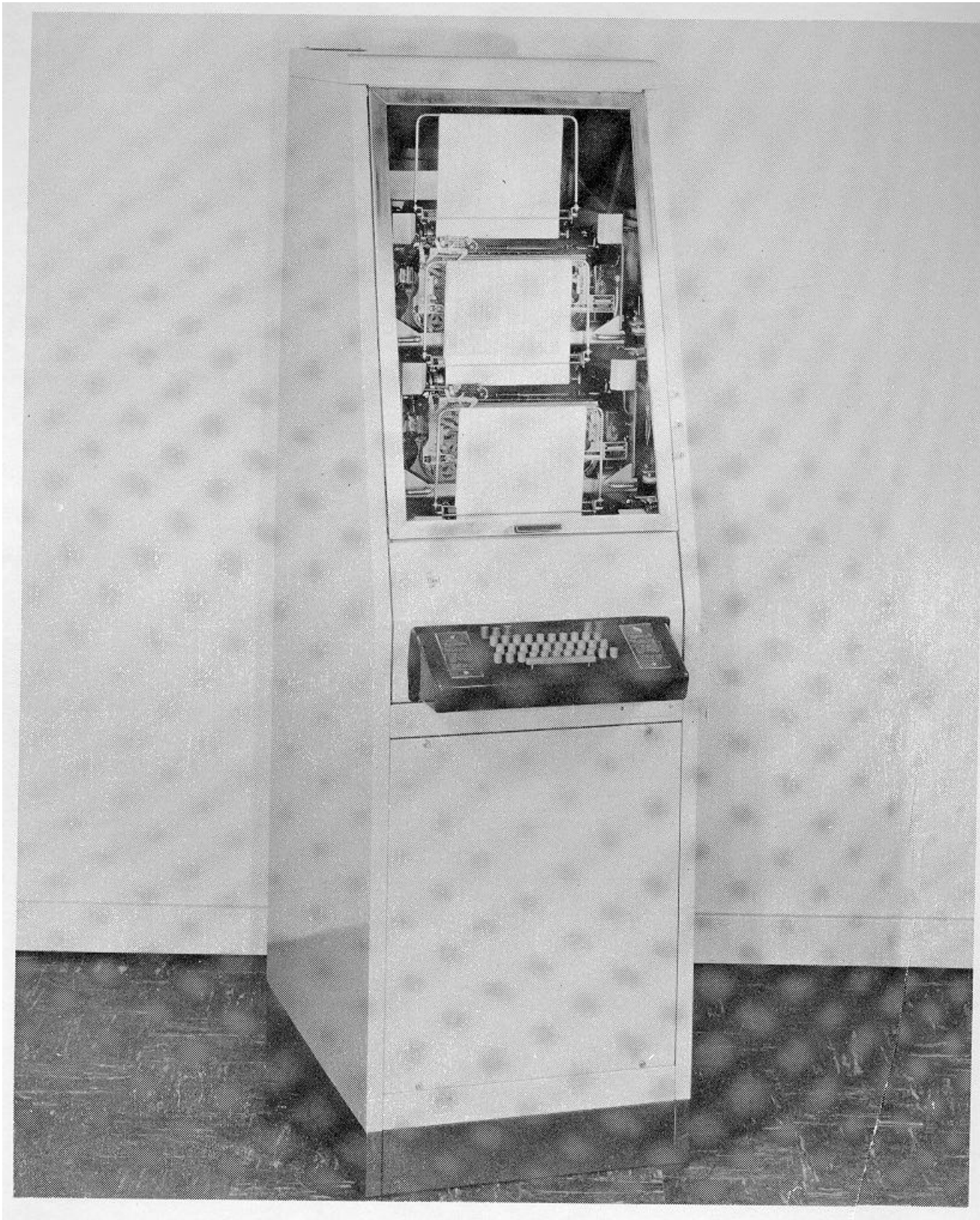


Figure 1-11. Model 28 Compact Keyboard Send-Receive Page Printer Set

Photograph courtesy of Teletype Corporation



*Figure 1-12. Model 28 Stack Mounted Keyboard Send-Receive Page Printer Set
Photograph courtesy of Teletype Corporation*



*Figure 1-13. Model 28 Receive-Only Page Printer Set
Photograph courtesy of Teletype Corporation*

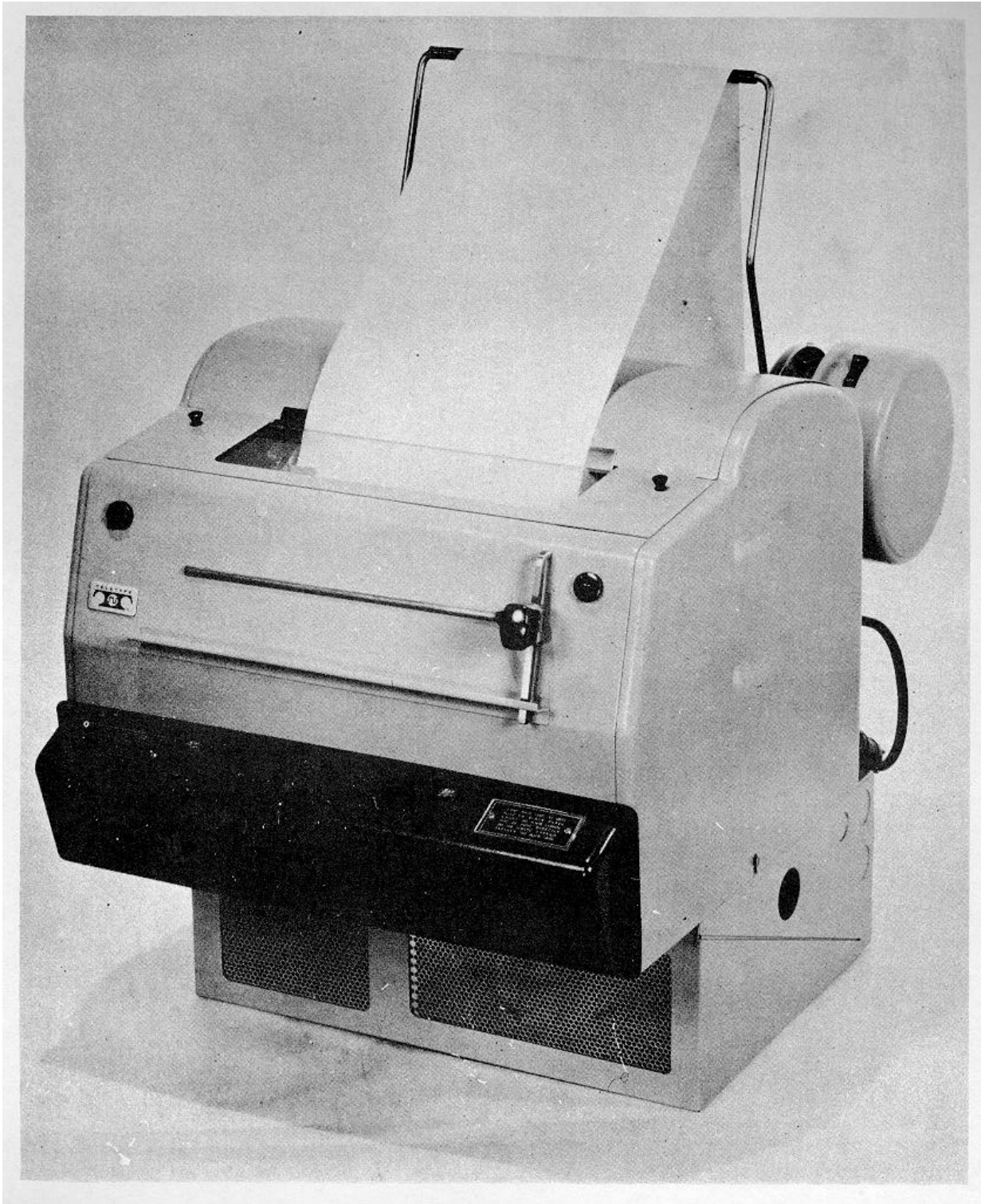


Figure 1-14. Model 28 Low Level Receive-Only Page Printer Set (Skintight Cover)

Photograph courtesy of Teletype Corporation

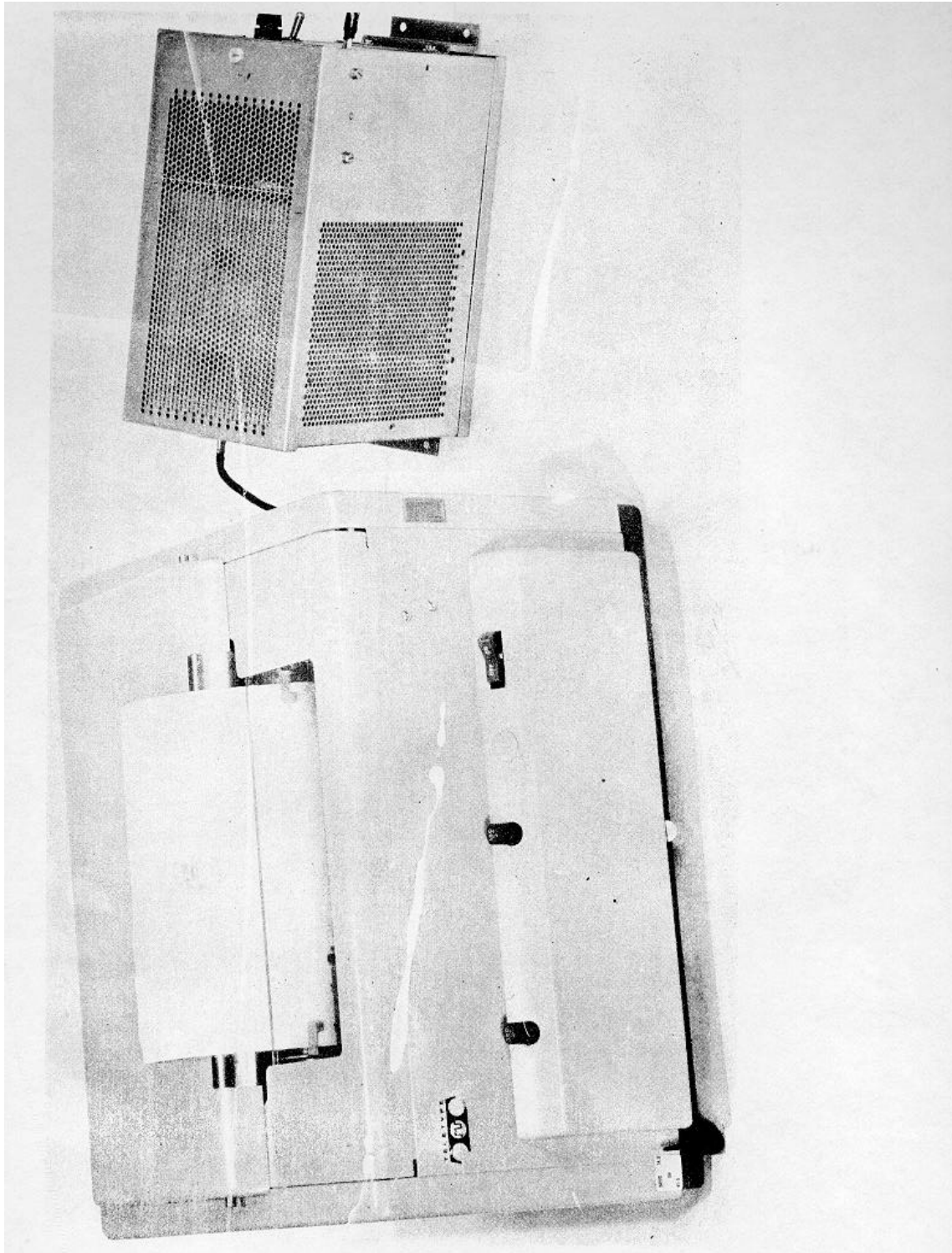


Figure 1-15. Model 28 Low Level Compact Receive-Only Page Printer Set
Photograph courtesy of Teletype Corporation



Figure 1-16. Model 28 Receive-Only Typing Reperforator Set

Photograph courtesy of Teletype Corporation

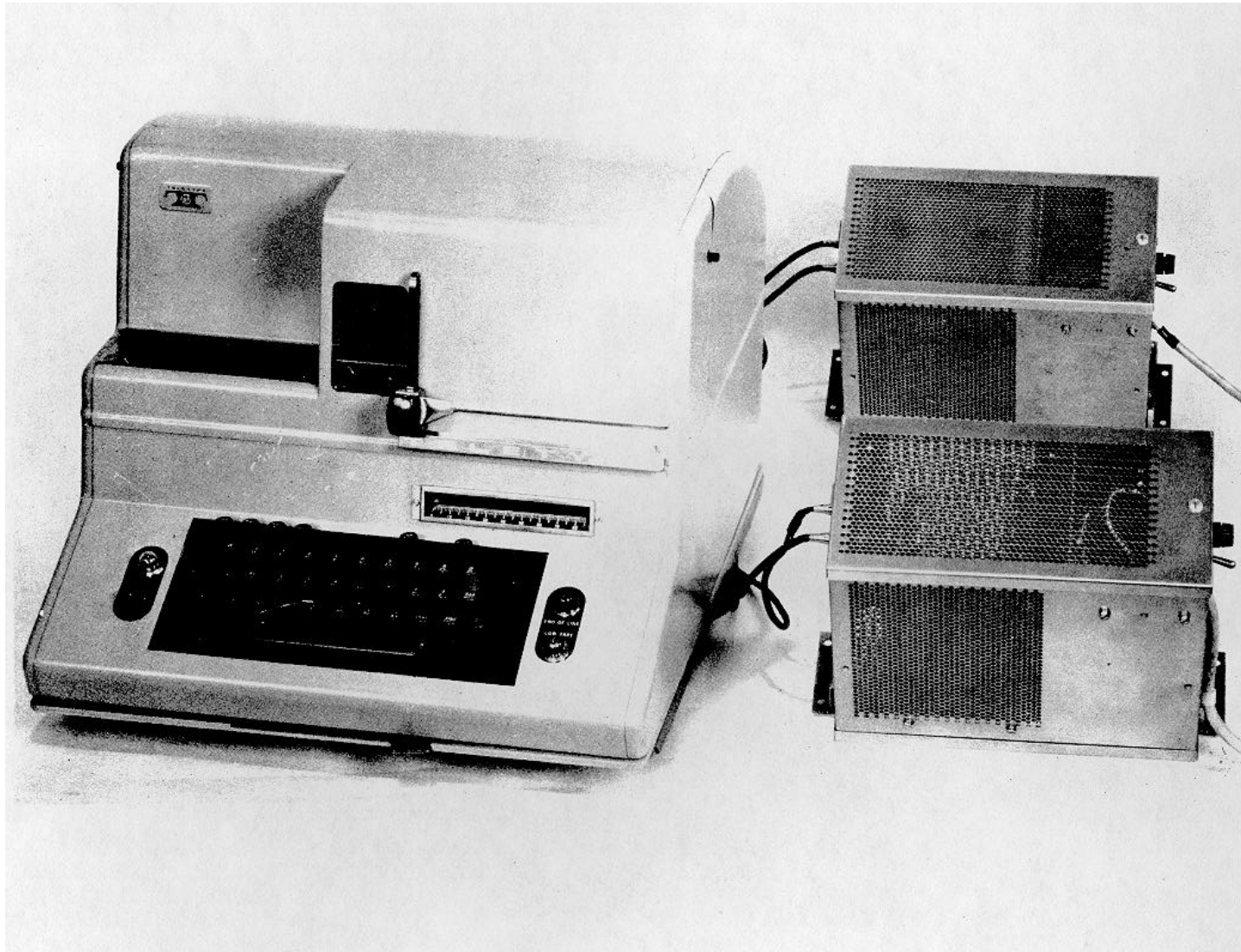


Figure 1-17. Model 28 Low Level Keyboard Send-Receive Typing Reperforator Set

Photograph courtesy of Teletype Corporation

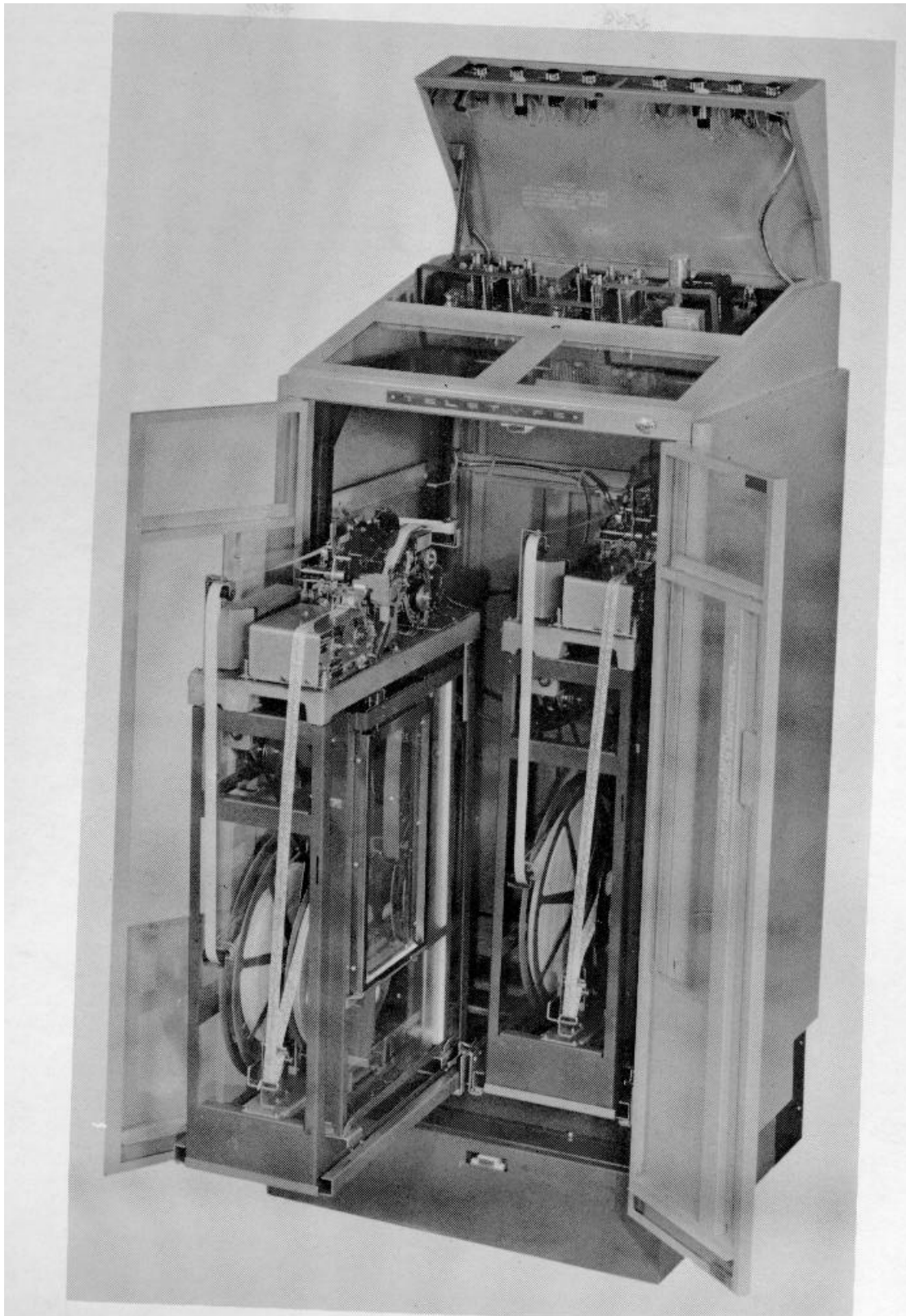


Figure 1-18. Model 28 Typing Reperforator Transmitter Distributor Set

Photograph courtesy of Teletype Corporation

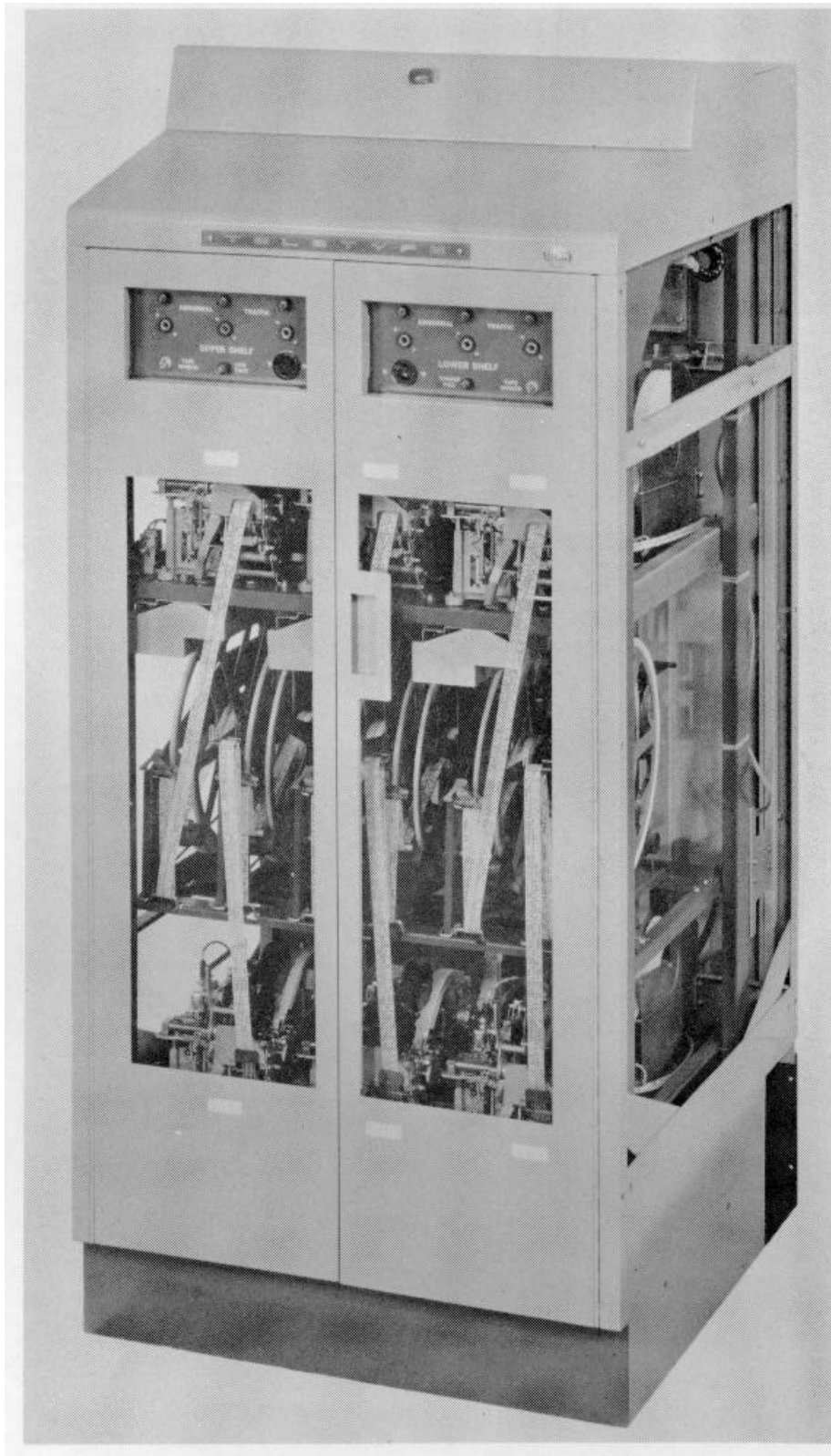


Figure 1-19. Model 28 Torn Tape Monitoring Group

Photograph courtesy of Teletype Corporation

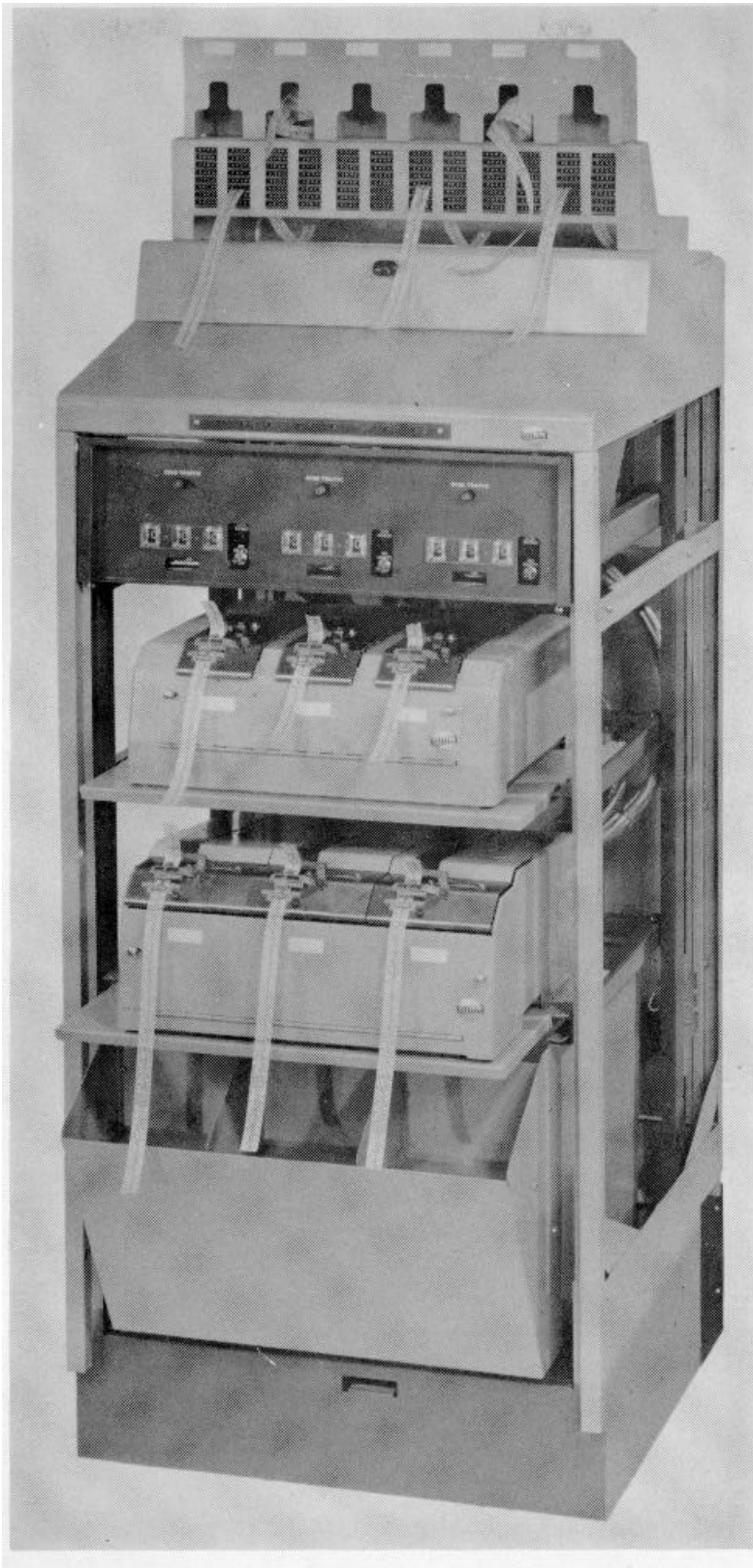


Figure 1-20. Model 28 Torn Tape Transmitting Group

Photograph courtesy of Teletype Corporation

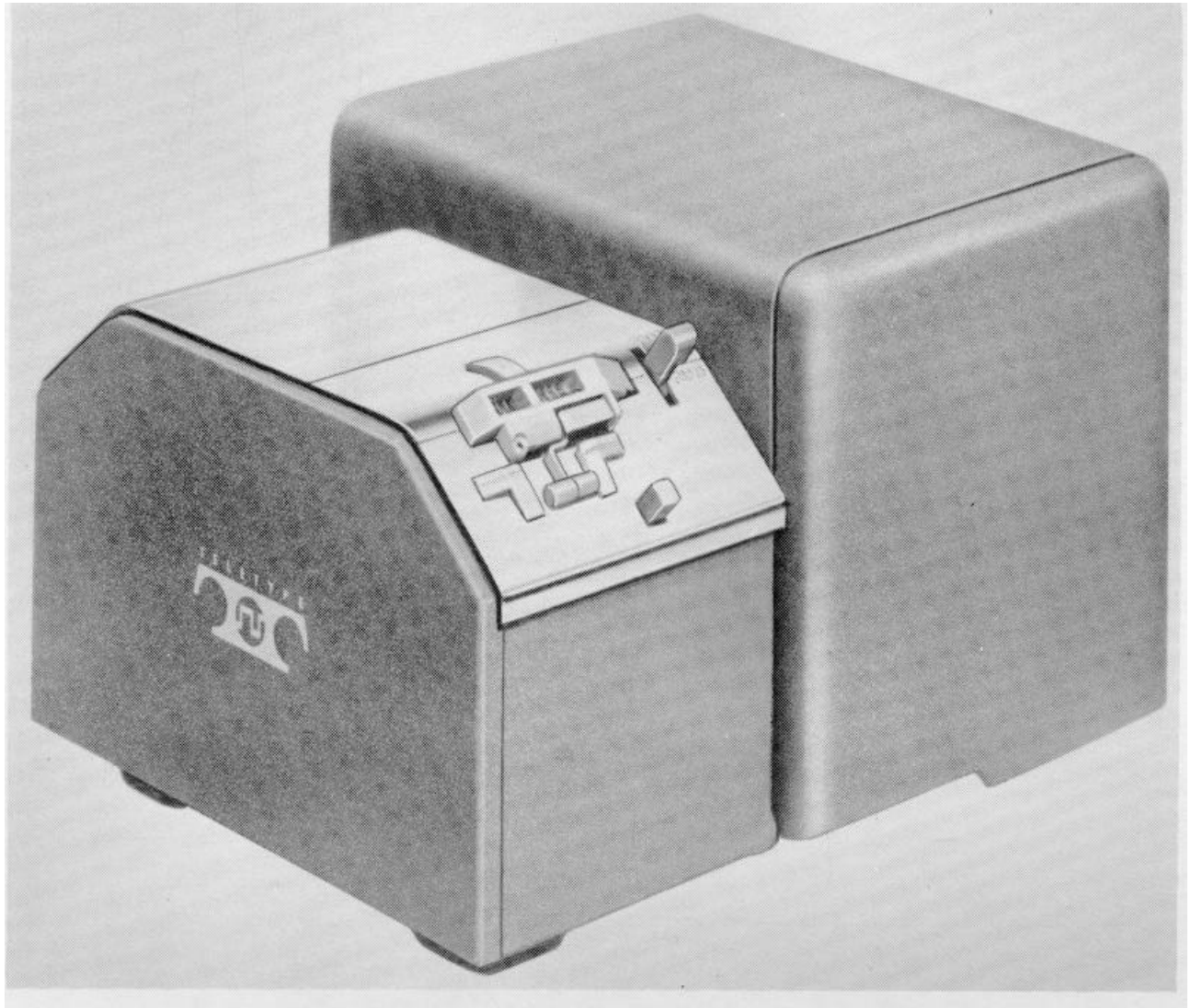


Figure 1-21. Model 28 Torn Tape Transmitter Distributor Set

Photograph courtesy of Teletype Corporation

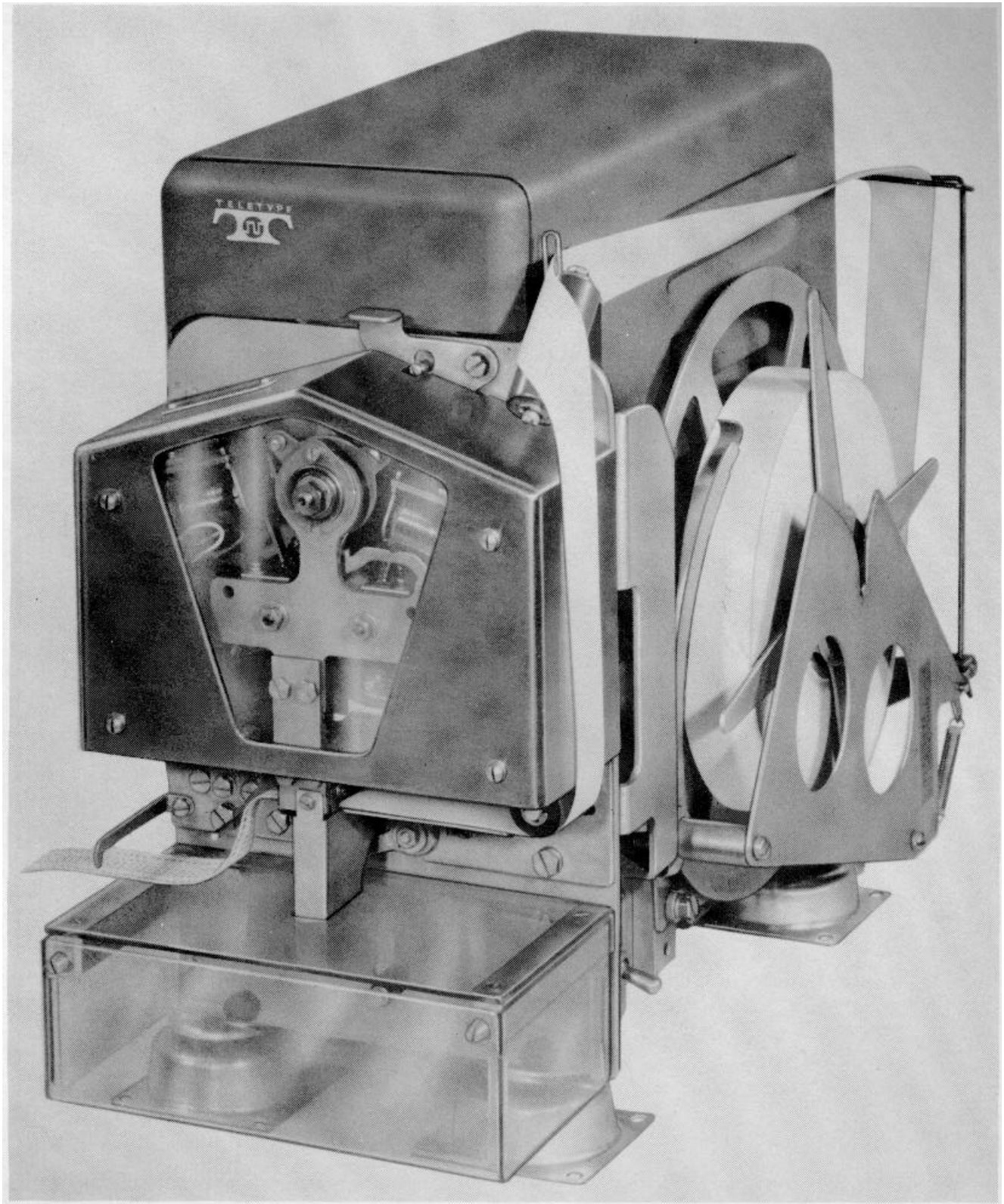


Figure 1-22. Model 28 High Speed Tape Punch Set

Photograph courtesy of Teletype Corporation

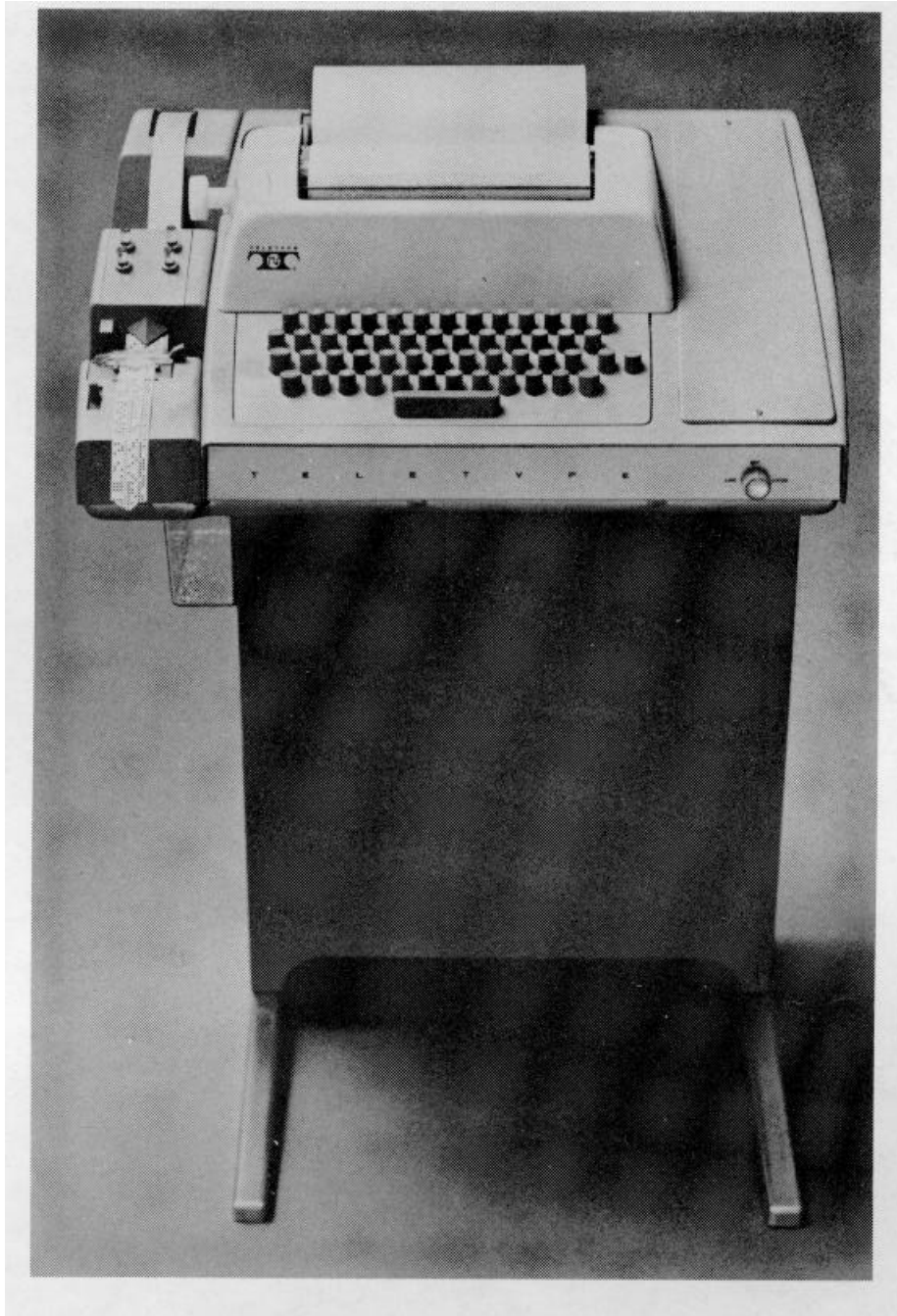


Figure 1-23. Model 32 Automatic Send-Receive Page Printer Set

Photograph courtesy of Teletype Corporation

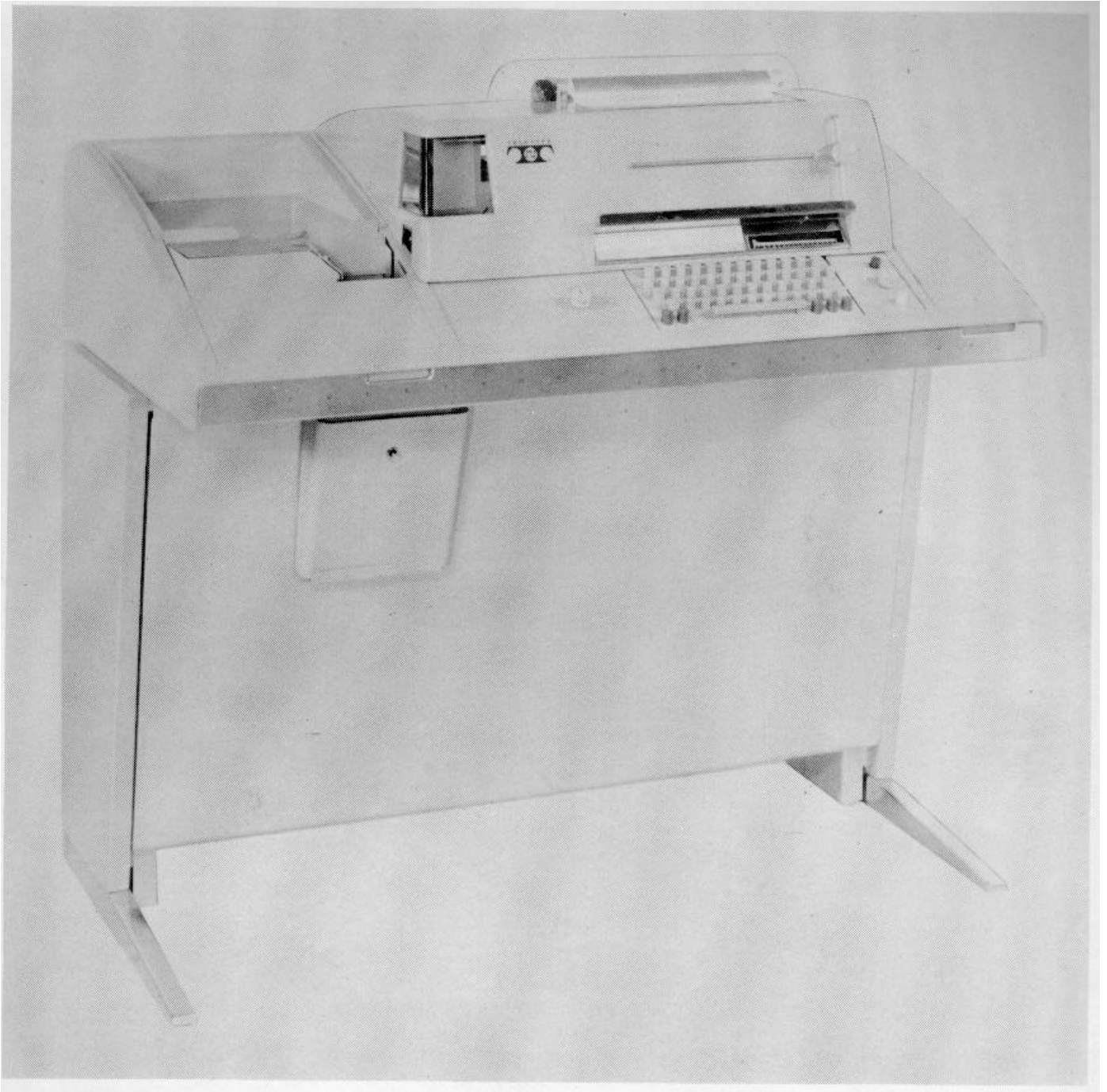


Figure 1-24. Model 35 Automatic Send-Receive Page Printer Set

Photograph courtesy of Teletype Corporation

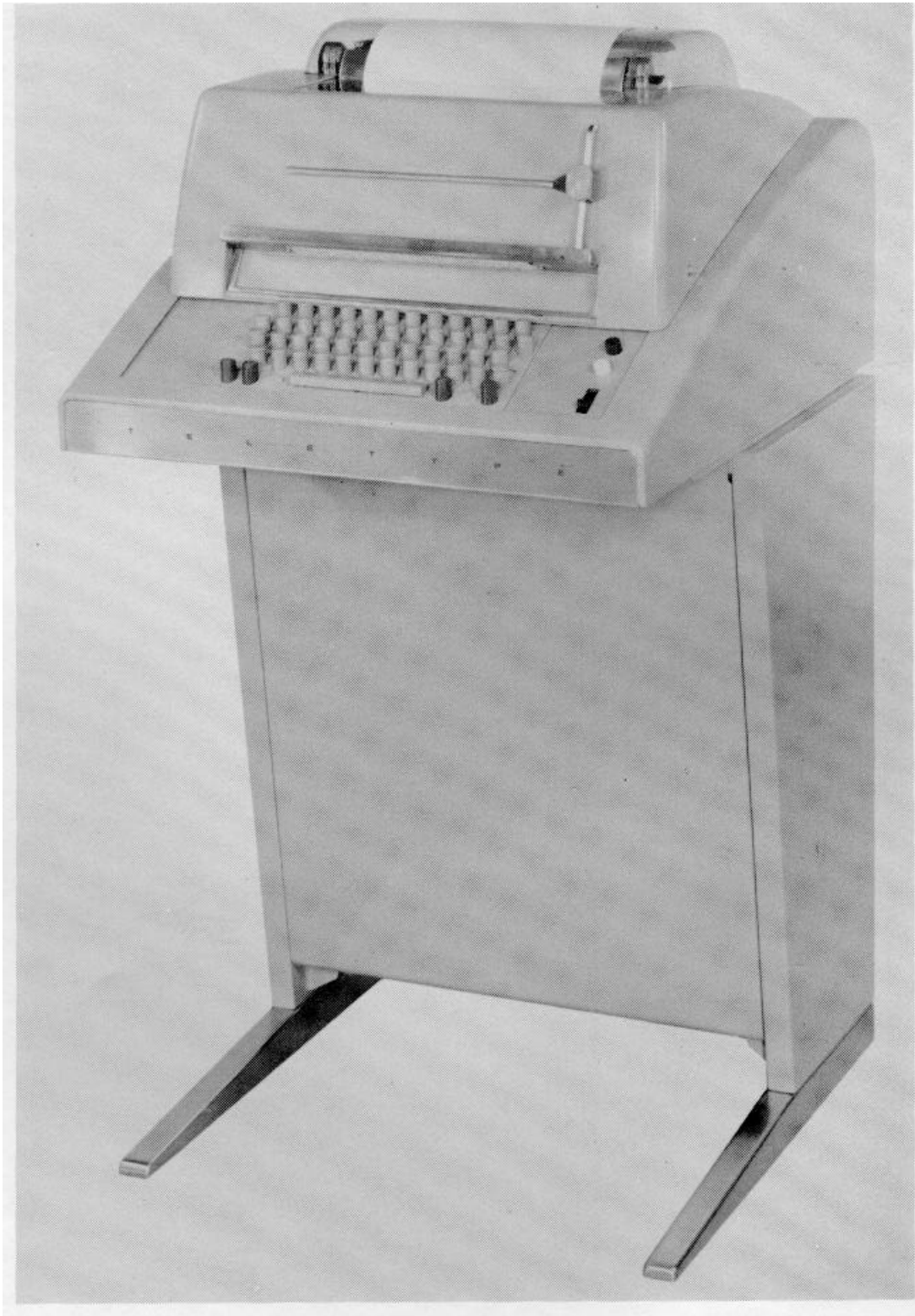


Figure 1-25. Model 35 Keyboard Send-Receive Page Printer Set

Photograph courtesy of Teletype Corporation

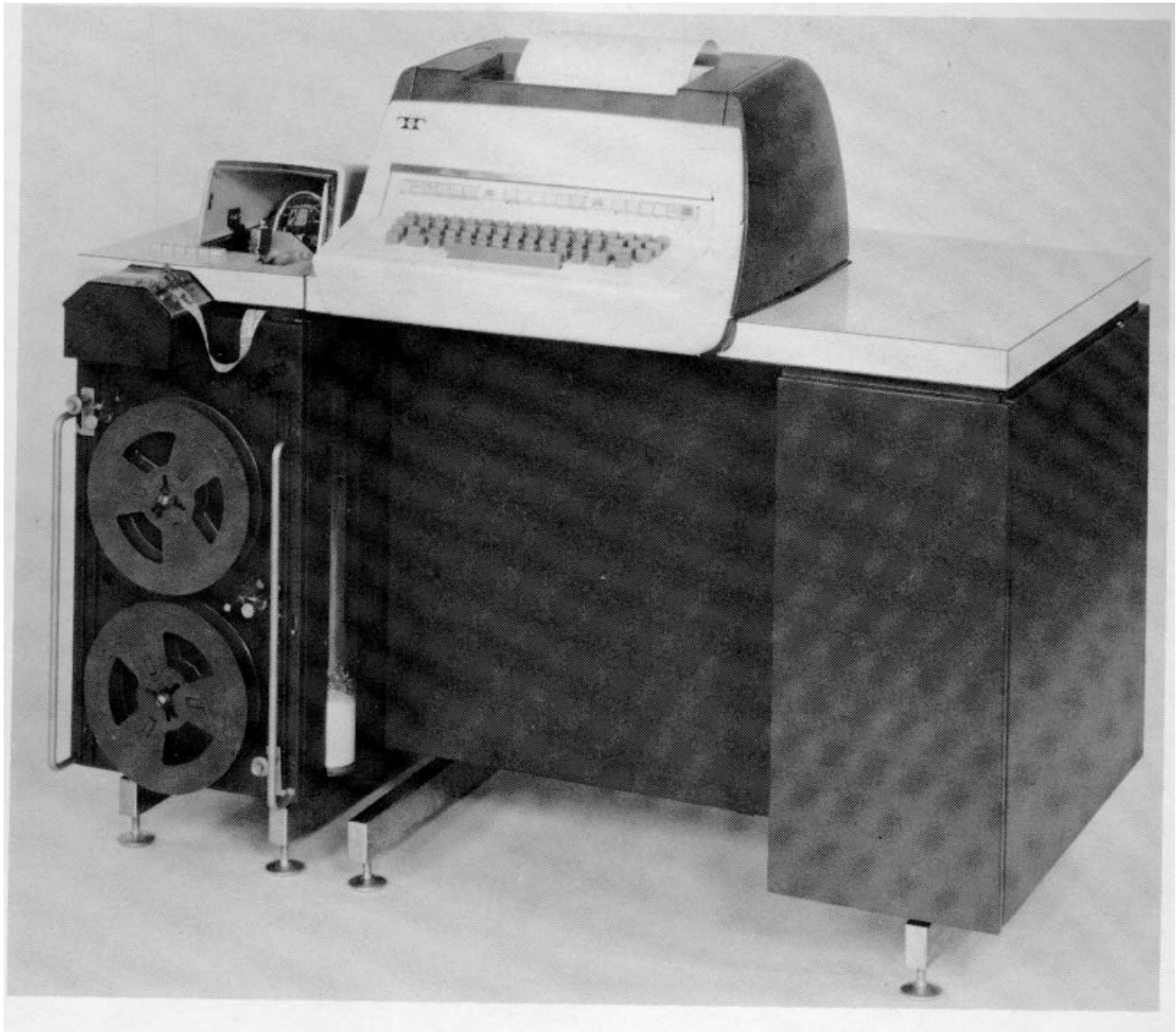


Figure 1-26. Model 37 Automatic Send-Receive Page Printer Set

Photograph courtesy of Teletype Corporation

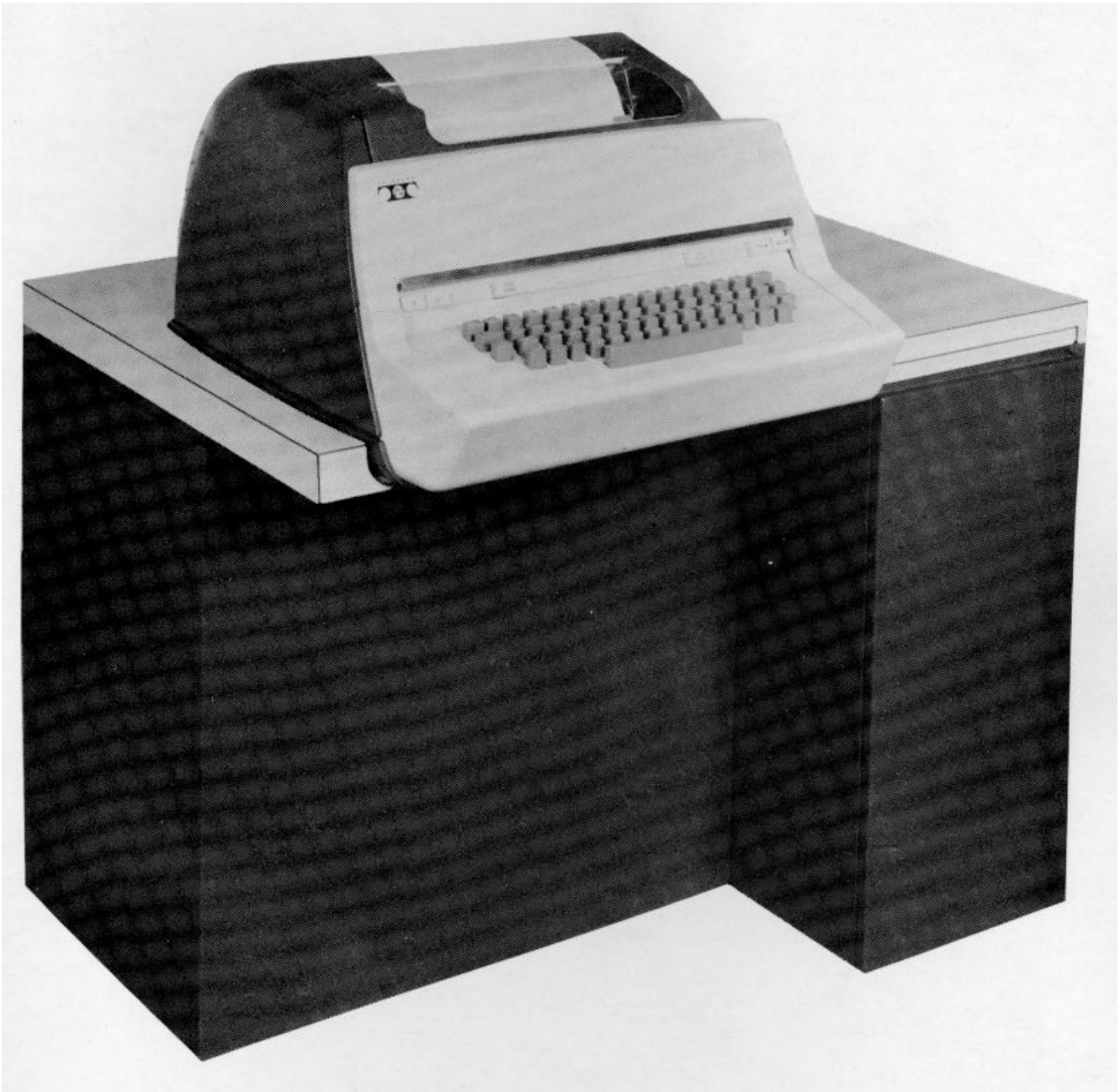


Figure 1-27. Model 37 Keyboard Send-Receive Page Printer Set

Photograph courtesy of Teletype Corporation



Figure 1-28. Model 40 Keyboard Display Printer Data Terminal

Photograph courtesy of Teletype Corporation

1-145/1-146 Blank

SECTION V.

Logistics and Support Information

<u>TYPE DESIGNATION</u>	<u>APL NO.</u>	<u>MIP NO.</u>
AN/FGC-58	54651190	
AN/FGC-59	54651199	C830/1-B3
AN/FGC-69	10016879NA	
AN/FGC-74	54655400	C368/2-36
AN/FGC-74A	54655401	C368/2-36
AN/FGC-74X	54655475	
AN/FGC-79	54654900	C368/2-36
AN/FGC-79A	54654901	C368/2-36
AN/FGC-79AX	54654902	C368/2-36
AN/FGC-79X	54654950	C368/2-36
AN/FGC-100	54655700	C460/1-76
AN/FGC-100A	54655701	C460/1-76
AN/FGC-101	54655800	C460/1-76
AN/FGR-5	54668100	C486/1-85
AN/FGR-5A	54668105	C486/1-85
AN/FGR-6	54668200	C486/1-85
AN/FGR-6A	54668205	C486/1-85
AN/FGT-4	54668700	C486/1-85
AN/UGC-5	58138100	C89/1-C5
AN/UGC-5A	58138105	C89/1-C5
AN/UGC-5AX	58138107	C89/1-C5
AN/UGC-5B	58138108	C89/1-C5
AN/UGC-5BX	58138109	C89/1-C5
AN/UGC-5C	58138110	C89/1-C5
AN/UGC-5X	58138191	C89/1-C5
AN/UGC-6	58138200	C89/1-C5
AN/UGC-6A	58138205	C89/1-C5
AN/UGC-6AX	58138207	C89/1-C5
AN/UGC-6B	58138210	C89/1-C5
AN/UGC-6C	58138215	C89/1-C5
AN/UGC-6D	581382305A	C89/1-C5
AN/UGC-6E	58138217	C89/1-C5
AN/UGC-6F	58138230	C89/1-C5
AN/UGC-6FX	58138231	C89/1-C5
AN/UGC-6G5	58138233	C89/1-C5
AN/UGC-6HX	58138240	C89/1-C5
AN/UGC-6J	58138241	C89/1-C5
AN/UGC-6JX	58138244	C89/1-C5
AN/UGC-6K	58138242	C89/1-C5
AN/UGC-6L	58138243	C89/1-C5
AN/UGC-6MY	58138246	C89/P4-26
		C89/PS-66
AN/UGC-6NX	58138247	C89/1-C5
AN/UGC-6X	58138291	C89/1-C5
	1-147	

Logistics and Support Information-Continued

<u>TYPE DESIGNATION</u>	<u>APL NO.</u>	<u>MIP NO.</u>
AN/UGC-7	58138300	C89/1-C5
AN/USC-7X	58138391	C89/1-C5
AN/UGC-8	58138400	C89/1-C5
AN/UGC-8A	58138405	C89/1-C5
AN/UGC-8AX	58138404	C89/1-C5
AN/UGC-8B	58138402	C89/1-C5
AN/UGC-8X	58138491	C89/1-C5
AN/UGC-13	58138900	HA-11/1-26
AN/UGC-13AX	58138960	C89/1-C5
AN/UGC- 13B	58138906	C89/1-C5
AN/UGC-13BX		C89/1-C5
AN/UGC-13C	58138955	C89/1-C5
AN/UGC-13CX	58138956	C89/1-C5
AN/UGC- 13X	58138995	C89/1-C5
AN/UGC-14	5813900	
AN/UGC-15	58139040	C89/P4-26
		C89/P5-66
AN/UGC-15x	58139045	C89/1-C5
AN/UGC-216	58139050	C89/1-C5
AN/UGC-16A	58139055	C89/1-C5
AN/UGC- 17	58139060	C89/1-C5
AN/UGC-18	58139070	
AN/UGC-219	58139030	C368/P4-65
AN/UGC-20	58139031	C317/1-75
AN/UGC-20A	58139029	C317/1-75
AN/UGC- 2AX	58139048	C317/1-75
AN/UGC-205	58139038	C317/1-75
AN/UGC-20BX		C317/1-75
AN/UGC-20X	58139034	C317/1-75
AN/UGC-22	58139033	
AN/UGC-22A	58139035	
AN/UGC-25	58139036	
AN/UGC-25A	58139025	C318/1-45
AN/UGC-25AX		C318/1-45
AN/UGC-25X	50139037	C318/1-45
AN/UGC-34	58139075	
AN/UGC-35	58139080	
AN/UGC-43	58139090	C317/1-75
AN/UGC-47	58139091	
AN/UGC-47X	58139071	
AN/UGC-48	58139074	C89/1-C5
AN/UGC-48A	58139077	C89/P4-26
		C89/P5-66
AN/UGC-48BY	58139068	C89/1-C5
AN/UGC-48X	58139092	C89/P4-26
		C89/P5-66
AN/UGC-49	58139093	C89/1-C5

Logistics and Support Information-Continued

<u>TYPE DESIGNATION</u>	<u>APL NO.</u>	<u>MIP NO.</u>
AN/UGC-49X	58139078	C89/1-C5
AN/UGC-50	58139094	C488/1-56
AN/UGC-50AY	58139101	
AN/UGC-50X	58139095	
AN/UGC-50Y	58139099	
AN/UGC-51	58139096	
AN/UGC-51AY	58139102	
AN/UGC-51X	58139097	
AN/UGC-51Y	58139072	
AN/UGC-54	58139073	
AN/UGC-54B	58139104	
AN/UGC-56	58139065	
AN/UGC-59	58139059	
AN/UGC-59A	58139058	
AN/UGC-60	58139079	
AN/UGC-60X	58139027	
AN/UGC-61	58139098	C467/1-16
AN/UGC-61A	58139046	C467/1-16
AN/UGC-61X	58139081	C467/1-16
AN/UGC-61Y	58139103	
AN/UGC-64	58139066	
AN/UGC-69	58139069	C89/2-43
AN/UGC-77	58138305	C317/1-75
AN/UGC-77X	58139067	
AN/UGC-78	58139082	C58/1-C5
AN/UGC-79	58139106	
AN/UGC-87	58139107	
AN/UGC-88	58139108	
AN/UGC-88A	58139110	
AN/UGC-89	58139109	
AN/UGC-89A	58139111	
AN/UGC-90	58138597	C89/P4-26
C89/P5-66		
AN/UGC-9QX	58138598	C89/1-C5
AN/UGC-91	58138599	C317/1-75
AN/UGC-92	58138601	
AN/UGC-93	58138602	
AN/UGC-93A	58138595	
AN/UGC-109	58138788	
AN/UGC-110	58138952	
AN/UGC-116	58138795	
AN/UGR-1	58137100	C369/1-78
AN/UGR-1A	58137105	C369/1-78
AN/UGR-2	58139200	
AN/UGR-3	58139300	
AN/UGR-4	58139304	C318/1-45
AN/UGR-8	58139305	

Logistics and Support Information-Continued

<u>TYPE DESIGNATION</u>	<u>APL NO.</u>	<u>MIP NO.</u>
AN/UGR-9	58139306	C471/1-A5
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AN/UGR-10	58137115	C469/1-83
AN/UGR-10A	58137116	C469/1-83
AN/UGR-10X	58139084	
AN/UGR-11	58137111	
AN/UGR-12	58139105	
AN/UGR-13	168-3588	
AN/UGR-14	58137112	C873/1-53
AN/UGR-15	58137114	
AN/UGR-16	58139308	
AN/UGT-4	58439430	
AN/UGT-4X	58439424	
AN/UGT-5	58137405	
AN/UGT-6	58439438	
AN/UGT-6A	58439439	C453/1-84
AN/UGT-7	58139360	C454/1-64
MK-698/UG	74671098	
MK-699/UG	74671099	
MK-764/UG	74671064	
MK-794/UG	74670894	
MK-795/UG	74670895	
MK-810/UG	62663813	
MK-811/UG	62663814	
MK-821/UG	74670921	
MK-834/UG	10012803NA	
MK-835/UG	10012804NA	
MK-836/UG	10012805NA	
MK-837/UG	10012806NA	
MK-838/UG	10012807NA	
MK-839/UG	10012808NA	
MK-840/UG	74670924	
MK-841/UG	10012810NA	
MK-890/UG	74671100	
MK-890A/UG	74671102	
MK-891/UG	62663837PA	
MK-908/UG	74671101	
MK-1038/UG	74671039PB	
MK-1081/UG	74671052	
MK-1082/UG	74671038	
MK-1083/UG	74671039	
MK-1084/UG	74671053	
MK-1085/UG	74671040	
MK-1086/UG	74671041	
MK-1087/UG	74671054	
MK-1088/UG	74671042	

Logistics and Support Information-Continued

<u>TYPE DESIGNATION</u>	<u>APL NO.</u>	<u>MIP NO.</u>
MK-1089/UG	74671043	
MK-1090/UG	74671044	
MK-1098/UG	74671045	
MK-1099/UG	74671046	
MK-1100/UG	74671047	
MK-1101/UG	74671048	
MK-1110/UG	74671049	
MK-III/UG	74671056	
MK-1112/UG	74671061	
MK-1113/UG	74671058	
MK-1114/UG	74671059	
MK-1115/UG	74671060	
MK-1116/UG	74671051	
MK-1117/UG	74671057	
MK-1135/UG	74671067	
MK-1136/UG	74671036	
MK-1137/UG	74671037	
MK-1158/UG	74671055	
MK-1625/UG	74640016	
TT-47/UG	92820200	C368/1-74
TT-47A/UG	92820201	C368/1-74
TT-47B/UG	92820210	C368/1-74
TT-47C/UG	92820215	C368/1-74
TT-47D/UG	92820220	C368/1-74
TT-47E/UG	92820225	C368/1-74
TT-47F/UG	92820230	C368/1-74
TT-47G/UG	92820235	C368/1-74
TT-47H/UG	92820240	C368/1-74
TT-47J/UG	92820241	C368/1-74
TT-47K/UG	92820242	C368/1-74
TT-47L/UG	92820243	
TT-48/UG	92820300	C368/1-74
TT-48A/UG	92820301	C368/1-74
TT-48B/UG	92820310	
TT-48C/UG	92820315	C368/1-74
TT-48D/UG	92820320	C368/1-74
TT-48E/UG	92820325	
TT-48F/UG	92820326	
TT-48G/UG	92820327	
TT-48H/UG	92820328	
TT-48J/UG	92820329	
TT-48K/UG	92820244	
TT-69/UG	92822400	C368/1-74
TT-69A/UG	92822401	C368/1-74
TT-69B/UG	92820215SA	C368/1-74
TT-69C/UG	92822415	C368/1-74
TT-69D/UG	92822420	C368/1-74

Logistics and Support Information-Continued

<u>TYPE DESIGNATION</u>	<u>APL NO.</u>	<u>MIP NO.</u>
TT-69E/UG	92822421	
TT-69F/UG	92822422	
TT-69G/UG	92822423	
TT-70/UG	92822500	C368/1-74
TT-70A/UG	92822501	C368/1-74
TT-70B/UG	92822505	C368/1-74
TT-70C/UG	92822520PA	C368/1-74
TT-70D/UG	92822520	C368/1-74
TT-70E/UG	92822521	
TT-70F/UG	92822522	
TT-128/UG	92828300	
TT-128A/UG	92828301	C368/1-74
TT-128B/UG	92828310	
TT-128C/UG	92828311	
TT-129/UG	92828400	
TT-129A/UG	92828400SA	
TT-130/UG	92828500	C368/1-74
TT-130A/UG	92828501	C368/1-74
TT-130B/UG	92828501SA	C368/1-74
TT-130C/UG	92828503	
TT-131/UG	92828605PA	
TT-131A/UG	92828605	
TT-171/UG	92832200	C552/1-35
TT-171A/UG	92832205	C552/1-35
TT-171B/UG	92832210	
TT-171C/UG	92832211	C552/1-35
TT-176/UG	92832700	C368/1-74
TT-176A/UG	92832705	C368/1-74
TT-176B/UG	92832710	C368/1-74
TT-176C/UG	92832711	C368/1-39
TT-187/UG	92833800	C57/1-C5
TT-187A/UG	92833805	C57/1-C5
TT-187B/UG	92833810	C57/1-C5
TT-187C/UG	92833811	C57/1-C5
TT-187D/UG	92833815	C57/1-C5
TT-187E/UG	92833813	C57/1-C5
TT-192/UG	92834300	C59/1-C5
TT-192A/UG	92834305	C59/1-C5
TT-192B/UG	92834305SA	C59/1-C5
TT-192C/UG	92834307	C59/1-C5
TT-234/SGA-3	92838500	C368/1-74
TT-253/UG	92839400	C58/1-72
TT-253A/UG	92839405	C58/1-72
TT-253B/UG	92839410	C58/1-72
TT-253C/UG	92839411	C58/1-72
TT-253D/UG	92839412	C58/1-72
TT-261/UG	92842600	C552/1-35
TT-261A/UG	92840205	C552/1-35
TT-261B/UG	92840206	C552/1-35

Logistics and Support Information-Continued

<u>TYPE DESIGNATION</u>	<u>APL NO.</u>	<u>MIP NO.</u>
TT-273/UG	92841400	C57/1-C5
TT-273A/UG	92841401	C57/1-C5
TT-274/UG	92841500	C59/1-C5
TT-274A/UG	92841501	C59/1-C5
TT-274B/UG	C59/1-C5	
TT-275/UG	92841600	
TT-283/UG	92844800	
TT-283A/UG	92844801	
TT-292/UG	92845700	
TT-292A/UG	92845701	
TT-306/UG	92847100	C488/1-63
TT-306A/UG	92847101	C488/1-63
TT-306B/UG	92847102	
TT-307/UG	92847200	
TT-307A/UG	92847201	
TT-307B/UG	92847202	
TT-308/UG	92847300	C475/1-73
TT-308A/UG	92847301	
TT-309/UG	92847400	C538/1-C4
TT-309A/UG	92847402	
TT-310/UG	92847500	
TT-310A/UG	92847501	
TT-329/UG	92849400	C560/1-45
TT-331/UG	92853100	C457/1-A1
TT-331A/UG	92853101	C457/1-A1
TT-332/UG	92853200	C457/1-A1
TT-332A/UG	92853201	C457/1-A1
TT-333/UG	92853300	C457/1-A1
TT-333A/UG	92853301	C457/1-A1
TT-340/UG	92854000	
TT-340B/UG	92854002	
TT-341/UG	92854100	
TT-341C/UG	92854103	
TT-403/UG	10013942NA	
TT-403A/UG	92860301	C486/1-85
TT-404/UG	10013943NA	
TT-404A/UG	92860401	C486/1-85
TT-405/UG	10013944NA	
TT-405A/UG	92860501	C486/1-85
TT-461/UG	92866100	
TT-461A/UG	92866203	
TT-462/UG	92866200	C539/1-C4
TT-462A/UG	92866220	C539/1-C4
TT-463/UG	92866300	
TT-509/UG	92900510	
TT-515/UYK	92900515	CP15/1-22
TT-533/UG	92901553	C57/1-C5

Logistics and Support Information-Continued

<u>TYPE DESIGNATION</u>	<u>APL NO.</u>	<u>MIP NO.</u>
TT-556/UG	92901600	
TT-570/UG	92901605	C57/1-C5
TT-571/UG	92901606	C59/1-C5
TT-575/UG	92901609	C560/1-45
TT-576/UG	92901610	C475/1-73
TT-576A/UG	92901631	C475/1-73
TT-577/UG	92901613	C538/1-C4
TT-578/UG	92901615	
TT-579/UG	92901617	
TT-603/UG	92818106	C57/1-C5
TT-605/UG	92818107	C59/1-C5
TT-624(V)1/UG	92818109	MP6/1-24
TT-624(V)2/UG	92818104	C770/1-13
TT-624(V)3/UG	92818118	TD86/1-92
TT-624(V)4/UG	92818122	
TT-624(V)5/UG	92818120	
TT-624(V)6/UG	92818119	
	1-154	

SECTION VI.

ASSOCIATED EQUIPMENT

AN/UYA-9(V)

Data Display Group Consists of Data Display Unit 1P-1038/U; 0 to 1 converter, input-output CV-2771/U; 0 to 1 converter, input-output CV-2772/U; 0 to 1 converter, input-output CV-2773/U; 0 to 1 keyboard, message input TT-625/U; 0 to 1 control indicator C-8585/U; 0 to 1 keyboard, message input TT-626/U. Manufacturer-Borroughs Corp., Paoli, PA. Used in MPDS on CLG-5, CVAN-68 and CVAN-69. All alpha-numeric CRT display of 71 characters stroke written at 60 Hz refresh rate; 25 lines of 80 characters may be displayed. A 2000 character core memory is used. A keyboard input and bi-directional I/O channel is provided. Display controls are from the keyboard. Self-contained power supplies. Military power Type 1, 115 VAC, 60 Hz, single phase.

C-1004B/SG

Transmitter-Teletypewriter Control Manual control type; derives power from associated transmitter; aluminum case; bulkhead mounted, shipboard installed; dripproof. O/A dim. and wt.: 4-13/16 in. wide, 7-5/8 in. high, 5-1/8 in. deep; 3.5 lbs.(net), 4 lbs. (boxed). Manufacturer data: Tablet Mfg. Co., Inc., Norfolk, VA.

FUNCTION: A control unit for use with teletypewriter sending and receiving loop circuits. Its purpose is to switch a teletypewriter to either one of three d. c. loops:

- (1) To a channel loop in which an automatic half-duplex tone terminal is connected.
- (2) To a channel loop in which an f. s. keyer or radio is connected.
- (3) To a channel loop in which an f. s. converter or comparator is connected.

C-1138B/UR

Radio Set Control Provides remote control and operation of standard shipboard radio transmitters and receivers as follows: turn transmitter on and off; provide remote indication on keyed transmitter (carrier-on); key and/or voice modulate controlled transmitter; interface with headset or earphones, with audio level control. O/A dim. and wt.: 8 in. wide, 5-1/2 in. high, 7-15/16 in. deep; 8 lbs.(net), 9.25 lbs. (boxed) Steel case, shelf or bulkhead mounted. 115V, 1 phase, or 230 V, 1 phase depending on transmitter characteristics. Manufacturer data: Tablet Mfg. Co., Inc., Norfolk, VA.

ASSOCIATED EQUIPMENT-Continued

C-1138B/UR-
continued
of

FUNCTION: Provides facilities to remotely control certain radio and radio-phone transmitter functions and output of a radio receiver. It is capable turning on or off and to voice modulate any standard Navy shipboard transmitter and to monitor and control any receivers. Used with Terminal Equipment Subsystem (DD 963 Class Ship).

C-7594B/U

Odbm

in.

Remote Switching Control Input and output impedance's: 600 ohms $\pm 10\%$ at 1 kHz balanced, Frequency response: transmit from 70 Hz to 4 kHz $\pm 4\text{db}$; receive from 200 Hz to 4 kHz $\pm 6\text{db}$; Audio level: transmit is -20dbm average and Odbm peak; receive is average and +10dbm max.; Noise: signal to noise ratio shall be a min. of 40db referenced to Odbm for transmit and receive levels. O/A dim. and wt.: 19 in. wide, 14 high, 12 in. deep; 70 lbs. Steel case, rack or bulkhead mounted. 120 VAC $\pm 10\%$, 60 Hz $\pm 5\%$, 1 phase. Design Activity: Naval Avionics Facility, Indianapolis, IN.

FUNCTION: Switching is accomplished by 63 pushbutton illuminated switches (7 rows horizontally, 9 columns vertically). Unit has capability of switching 9 telephone terminals to 5 secure voice channels and has one spare switched line per channel terminated on existing terminal V boards. Each unit contains a 24 VDC, 3.5 amp power supply and 5 audio amplifier cards. Used with TSEC/KY-8 of Romeo 8 Secure Voice System.

C-7595B/U

Odbm

or

Avionics

Remote Switching Control Input and output impedance's: 600 ohms $\pm 10\%$ at 1 kHz balanced, Frequency response: transmit from 70 Hz to 4 kHz $\pm 4\text{db}$; receive from 200 Hz to 4 kHz $\pm 6\text{db}$; Audio level: transmit is -20dbm average and Odbm peak; receive is average and +10dbm max.; Distortion: transmit is 3% max.; receive is 5% max.; Noise: signal to noise ratio shall be a min. of 40db referenced to Odbm for transmit and receive levels. O/A dim. and wt.: 9 in. wide, 12 in. high, 12 in. deep; 38 lbs. Steel case, base bulkhead mounted. 120 VAC $\pm 10\%$, 60 Hz $\pm 5\%$, 1 phase. Design Activity: Naval Facility, Indianapolis, IN.

FUNCTION: Switching is accomplished by 12 pushbutton illuminated switches (4 rows horizontally and 3 columns vertically). This unit has capability of switching 3 telephone terminals to 3 secure voice channels. Row 4 releases any pushbutton in its respective column, Each unit contains a +24 VDC $\pm 5\%$, 1 amp maximum power supply and 3 audio amplifier cards. Used with TSEC/KY-8 of Romeo 8 Secure Voice System.

ASSOCIATED EQUIPMENT-Continued

CV-3022/UG Converter-Patch Panel Unit conforms to MIL-STD-188C for teletypewriter equipment; frequency 75 baud; 7 channel high-to-low conversion (120V to 6V); 7 channel low-to-high conversion (6V to 120V); 14 channel low level patch panel. 115 VAC, 60 Hz, single phase; 120 VDC 1 AMP. 18 in. long, 17.75 in. wide, 8.75 in. deep; 40 pounds, rack mounted. Design Activity: Naval Avionics Facility, Indianapolis, IN. Part Number (28687) 71E22N100.

FUNCTION: A 7 channel low-to-high and high-to-low converter and provides 14 channel patching between teletypewriter systems. Used with various shipboard teletypewriter systems and NAVMACS

ID-866/SG Light Indicator The Light Indicator is aluminum housed with aluminum cover and mounting plate. The two mounting holes are 17/32 inches in diameter and 4-3/4 inches center to center. O/A dim. and wt.: 2-5/16 in. wide, 7-5/8 in. high, 5-9/16 in. deep; 1.75 lbs. (net), 1.9 lbs. (boxed). 120 VAC, 60 Hz, 1 phase. Manufacturer data: Tabet Mfg. Co., Inc., Norfolk, VA.

FUNCTION: Used as visible warning device in conjunction with SA-734/SG.

ID-1866/SGC Teletypewriter Signal Monitor-Distribution Unit Meets MIL-STD-188C requirements. 75 baud DC signals. Has manual selection. 13 channels configured for send or receive with jacks for monitor, line, equip. and misc. Meter monitors ± 6 VDC channel voltages. Teletypewriter repeater units with 4 inputs and 4 outputs. Mark-hold and step-inhibit voltages for wiring to patch panels. All functions are available on front of unit. Rack mounted with slide mounted inper chassis. Weight 50 pounds. 115 VAC, 60 Hz, 10 watts single phase. 5-1/4 in. high, 19 in. wide, 22 in. deep. Manufacturer data: NAVELEX Dwg. No. 30272-20171.

FUNCTION: Provides patching, monitoring, metering, and distributing of low level DC signals up to 75 baud. Used with low level teletypewriter and similar digital signaling equipment.

MK-1135/UG Electronic Equipment Modification Kit Polar-neutral converter capable of converting 6 full duplex signal lines. All power supplies provided in the module.

ASSOCIATED EQUIPMENT-Continued

MK-1135/UG-
continued

Maximum distortion on any line shall be ± 5 percent.
Power requirements 115 VAC, 60 Hz, single phase, power consumption 120 watts.
Manufacturer: Teletype Corp. Part Number 330720. Reference: NAVSHIPYD
Charleston Dwg. H80090-409-465924.

FUNCTION: Provides means of connecting neutral 60 milliampere signal line to $\pm 6V$ polar signal line and $\pm 6V$ polar signal line to 60 milliampere neutral signal line. Each signal line shall be completely isolated.

Used with all Model 28 high level teletypewriter equipment.

OA-8699()/USC-29(V)
and

Paper Tape Group Consists of Tape Reader Digitronics Corp. Part Number 2540-EP
Tape Punch Teletype Corp. Part Number BRPE-21. Manufacturer data: NELC San
Diego Dwg. No. 0000742.

FUNCTION: Contained within a single enclosure, a photoelectric reader, a high speed punch, and the necessary buffering and control circuits to match the interface of the CP-642B/USQ-20(V) The reader operates at 410 Hz, the punch at 110 Hz. Upon the appropriate command word initiated by the computer program, the punch will receive on the output computer lines the data that is to be stored on the paper tape after being punched. Upon a different command word from the computer, this same data can be transferred to the input lines of the computer.

Used with computer CP-642B/USQ-20(V) in MPDS.

OJ-172(V)/UYK

Input-Output Console Consists of 1 cabinet assembly, 1 punch-reader drawer, 1 or 2 magnetic tape chassis, 1 logic chassis, 1 power supply, 1 maintenance chassis, 1 teletypewriter. Manufacturer data: UNIVAC Sperry Rand Corp., St. Paul, MN.
Part Number 7085100-XX. Power Requirement: 115 VAC, 400 Hz, 3 phase; 115 VAC, 60 Hz, single phase

NOTE: VARIABLE (V) any combination of the following: 0 or 1 paper tape reader (Digitronics 2540); 0 or 1 paper tape punch (Teletype BRPE-11); 0 or 1 keyboard printer (Teletype Model 35AH); 0 or 1 teletype communications interface; 0 or 1 configuration (Interface Adapter for CV-1123/USQ-20(V) (ICKCMX)); 1 or 2 magnetic tape transports; each serial and/or parallel interface 15 or -3 volt parallel interface.

"A"
1

ASSOCIATED EQUIPMENT-Continued

OJ-172(V)/UYK-
continued

the

FUNCTION: A peripheral device intended for use with a computer, as such, it communicates with the computer through input-output channels. The function is to load programs and data into the computer and to monitor data from computer. It may also operate as a self-contained message originating center between other teletypewriter sets.

Used with computer set AN/UYK-7, digital computer CP-642/ USQ-20(V), CP-789(V)UYK, CP-848(V)/UYK, CP-855(V)/UYK.

OJ-172(V)1/UYK

paper

Input-Output Console UNIVAC Part Number 7085100-00. Same as OJ-172(V)/UYK with difference in variable configuration as follows. VARIABLE (V)1 contains one each: tape reader (Digitronics 2540); paper tape punch (Teletype BRPE-11); keyboard printer (Teletype Model 35AH); teletype communications interface; interface adapter (ICKCMX) for CV-1123/ USQ-20(V); magnetic tape transport; serial and parallel interface -15 volts.

OJ-212(V)/UYK

digital

Input-Output Console Consists of cabinet, fuse-capacitor panel, teletypewriter and base, transmitter-distributor, keyboard base, teletypewriter reperforator TT-315/UG and TT-316/UG, power distribution panels, control converters, switch assemblies, digital to-converters. The teletypewriter normally used is the AN/UGC-13(MOD) or the AN/UGC-49. Manufacturer Data: UNIVAC Sperry Rand Corp. Part Number 4052749-XX.

Power Requirements: 115 VAC, 400 Hz, 3 phase, 300 watts
115 VAC, 60 Hz, single phase, 200

watts Teletypewriter equipment depends on convection cooling while adapter unit is cooled by forced air at 280 CFM free delivery.

adapter

NOTE : UNIVAC Part Number 4052749-05 manual send/receive, slow interface, and machine mounted adapter, type 1257, UNIVAC Part Number 4052749-04 automatic send/receive, slow interface, and machine mounted adapter, type 1259; this adapter converts computer messages for use by the teletypewriter, and conversely it converts teletypewriter messages for use by the computer. To provide manual control and test functions for the adapter, a maintenance panel, an adapter control panel and a test panel are included with the adapter. These panels permit local control and testing of the circuits. A connector panel is also provided which accommodates the input-output cables.

ASSOCIATED EQUIPMENT-Continued

OJ-212(V)/UYK -
continued

FUNCTION: A peripheral device intended for use with a computer, and as such, it communicates with the computer through input-output channels. The function is to load programs and data into the computer and to monitor data from the computer. It may also operate as a self-contained message originating and receiving center between other teletypewriter sets.

Used with AN/USQ-20(V), CP-848(V)/UYK, CP-789(V)/UYK.

OJ-212(V)1/UYK

space

Input-Output Console Same as OJ-212(V)/UYK except this is manual send/receive. UNIVAC Part Number 4052749-03. Data transmission: 5-bit parallel input and output (computer), 7.42 unit start-stop pattern (line), 100 words per minute, mark = 60 ma, = 0.0 ampere; printer: 72 characters per line, 8-1/2 inch wide paper; off-line operations: printed and punched paper tape preparation, keyboard transmission, simultaneous keyboard transmission and paper tape preparation, automatic tape transmission page copy of either incoming or outgoing messages; on-line operations: keyboard entries to the computer, paper tape entries to the computer, simultaneous keyboard entries to computer with paper tape copy and/or external line transmission, simultaneous paper tape entries to the computer with page copy and/or external line transmission, data outputs from the computer to page printer and/or paper tape copy and/or external line transmission.

it
and

Manual send/receive, slow interface, and machine mounted adapter, UNIVAC type 1257. This adapter converts computer messages for use by the teletypewriter, and conversely converts teletypewriter messages for use by the computer. To provide manual control test functions for the adapter, a maintenance panel, and adapter control panel and a test panel are included with the adapter. These panels permit local control and testing of the adapter circuits. A connector panel is also provided which accommodates the input-output cables.

OJ-212(V)2/UYK

Input-Output Console Same as OF-212(V)/UYK except this is automatic send/receive. UNIVAC Part Number 4052749-04. Automatic send/receive, slow interface, and machine mounted adapter UNIVAC type 1259. This adapter converts computer messages for use by the teletypewriter, and conversely it converts teletypewriter messages for use by the computer. To provide manual control and test functions for the adapter, a maintenance panel, an adapter control panel and a test

ASSOCIATED EQUIPMENT -Continued

OJ-212(V)2/UYK -
continued

panel are included with the adapter. These panels permit local control and testing of the adapter circuits. A connector panel is also provided which accommodates the input-output cables.

ON-143(V)/USQ

Interconnecting Group Consists of electronic converter, recorder-reproducer, switching unit and electronic converter. Design Activity Data: NUSC, New London, CT., prototype. Manufacturer Data: NAFI, Indianapolis, IN. Power Requirements: 115 VAC, 60 Hz, single phase Size: 5.25 in. high, 19 in. wide, 24 in. deep. Standard rack mounting.

FUNCTION: Contains a miscellany of functions relative to several input/output channels of central processor. Implementing hardware must be packaged compactly to fit within severe space limitations aboard small ships and submarines, especially. Interfaces data processing set AN/UYK-20(V) with all other components of AN/USQ-64(V). Red and black isolation is accomplished with this group and synchronization of crypto units. Part of communication system control central AN/USQ-64(V) and is used in NAVMACS, FLTSATCOM and Secure Voice.

RD-396(V)/U

continuously;

Signal Data Recorder-Reproducer Consists of 1 to 4 drives and 1 controller. Designed to accept ISO (ECMA) standard 0.5 mil, 0.150 in. Norelco type cassettes; completely self-contained and functions as a stand-alone data collection/communications terminal, operating on either automatic or manual mode; Recorder Format serial recording on a single track or on two separate tracks; moves bidirectionally by character or recording density up to 1600 flux reversals per inch; processor interface DTL/TTL compatible; critical features; read-after write capability; read and write forward/reverse at 6 or 24 ips; stop/start time at 6 ips of 30 ms max; at 24 ips of 100 ms; start/stop displacement at 24 ips of 1.55 in.; transfer rate of 4,800 bps at 6 ips recording rate and 19,200 bps at 24 ips; four-motor drive system. Design Activity: Cipher Data Products, Inc., San Diego, CA. Models 2000-1 and 2000-4 (modified). Manufacturer data: NAFI, Indianapolis, IN. Power Requirements: 115 VAC, 60 Hz, 150 VA Size: 5.25 in. high, 19 in. wide, 24 in. deep, 40 pounds for standard rack mounting.

ASSOCIATED EQUIPMENT-ContinuedRD-396(V)/U-
continued

FUNCTION: Will be used for storage and loading of operational and maintenance programs into shipboard Fleet Satellite Communication System Information Transfer Subsystem aboard ships. Recorder will be operating in conjunction with local or remote data terminals directly to and from central processor to provide long terms storage of messages and journals.

and

Part of communication system control central AN/USQ-64(V) and used in NAVMACS FLTSATCOM.

RD-397/U
adjustment

Signal Data Recorder-Reproducer Reader and perforator can operate independently or concurrently or as a tape duplicator; accepts 5, 6, 7, and 8 level tapes with no up to 1000 feet of tape on a supply reel; perforates either paper or metalized mylar tape; critical features: perforates from 0 to 75 characters per second, with tape/chad error indication; bidirectional tape handling servo system; reads tape up to 300 characters per sec; sprocket drive wheel; manual tape rewinder; rapid response using low inertia stepper-motor. Design Activity: Remex, Santa Ana, CA. Manufacturer data: NAFI, Indianapolis, IN. Power Requirements: 115 VAC, 47-64 Hz, single phase, 265 watts. Size: 10.5 in. high, 19 in. wide, 14.5 in. deep, 41 pounds for standard rack mounting.

and
and

FUNCTION: Will be used as a computer I/O peripheral, software program generation system documentation. Part of communication system control central AN/USQ-64(V) used in NAVMACS and FLTSATCOM.

RP-220/U

Punched Tape Reader Controls local and remote input signals: run/stop; forward/reverse; output signals: serial data 9600 baud; synchronous clock 19.2 KHz; tape capacity: 425 feet lg; tape is read in both forward and reverse positions; tape speed 4.5 ft/sec. Design Activity: NAFI, Indianapolis Dwg. No. 73E10ON100. Power Requirements: 115 VAC, 60 Hz, single phase. Size: 8.72 in. high, 13.25 in. wide, 16 in. deep, 45 pounds shelf or rack mounted.

Requirements:

FUNCTION: A high-speed, eight track perforated mylar tape reader. Used with AN/UYK-20(V) and in NAVMACS.

ASSOCIATED EQUIPMENT-Continued

SA-734/SG

Switch Box Brass housed with 3 mounting holes for base mounting. O/A dim. and wt.: 5-5/8 in. diameter, 4 in. high; 2.8 lbs. (net), 3.0 lbs. (boxed). Key operated lock serves dual purpose: activates switch that operates outboard indicator light system and serves as a door blocking access to either of the telephone jacks, according to the position of lock operating mechanism. Manufacturer data: Tabet Mfg. Co., Inc., Norfolk, VA.

the

FUNCTION: Shipboard manual switching device used as a selective intermediate between a generated teletype signal and classified and unclassified teletypewriter switchboards. When used with Indicator Light ID-866/SG, teletype operator has visual indication of which circuit the teletypewriter is monitoring.

SA-770/UR

Receiver-Transmitter Selector Switch 12 VDC audio 200-3000 Hz, 7.75 in. high, 5 in. wide, 7 in. deep. Audio volume control in input circuit. Manufacturer data: Tabet Manufacturing Co., RS-30 series switch.

FUNCTION: For selection of receiver-transmitter circuits in ship radio communications control spaces. Selector switch permits selection of any one of up to seventeen different receiver-transmitter combinations. Off position is also included.

Used with radio set control C-1138()/UR

SA-1499/UR

Transceiver Switching Unit The Transceiver Switching Unit is used in communication systems where it is required to use one transceiver for both secure and non-secure voice communications. The unit is installed with the transceiver and conditions the transceiver for wideband operation when it is to be used for secure voice communication and restores it to the narrowband conditions for normal non-secure voice communication. There are no manual operating controls on the switching unit. Control lines from the switchboard which select the remote voice operating positions enable the switching unit to accomplish the wideband/narrowband conditioning automatically. O/A dim. and wt.: 8-1/2 in. deep, 3-9/16 in. high, 5 in. wide; 3.25 lbs. (net). Manufacturer data: Tabet Mfg. Co., Inc., Norfolk, VA.

Used with Radio Sets AN/GRC-27, AN/SRC-20, 21, 27 and 28, AN/URC-9, AN/URC-12, 46, TSEC/KY-8.

ASSOCIATED EQUIPMENT-Continued

SA-1711A/UR

Switching Unit Switching data consists of 2 relays: 2 poles, 2 position, no off position, magnetic contactor, magnetic operation; 4 pole, 2 position, no off position, magnetic contactor, magnetic operation. Steel case, wall or bench mounted. O/A dim. and wt.: 5 in. wide, 7 in. deep, 3-1/2 in. high; 3 lbs. (net). 24 VDC, 40 milliamperes. Design Activity data: Naval Avionics Facility, Indianapolis, IN.

set

FUNCTION: Provides the capability of using the voice communications equipment in the Plain or Cipher modes of operation. The unit is triggered remotely from the telephone and conditions the KY-8 equipment for either mode as selected. In addition, the SA-1711A/UR provides impedance matching from the 600 ohm output of the C7594A/U to the high impedance input of the secure voice channels.

Used with TSEC/KY-8 of Romeo 8 Secure Voice System.

SA-1712A/UR
contactor,

Data

Switching Unit Switching data: 6 poles-double throw relay, 2 position, magnetic magnetic operation. Surface mounted. O/A dim. and wt.: 8.05 in. wide, 5 in. deep, 3.625 in. high; 3.5 lbs. (net). 28 VDC, 40 milliamperes. Design Activity data: Litton Systems Div., Van Nuys, CA.

push-

FUNCTION: Provides interface between TSEC/KY-8 and trans- i ceiver to control switching of transceiver between broadband and narrowband modes and to control push-to-talk operation at transceiver. Operation is controlled by state of relay control and to-talk line signals provided by TSEC/KY-8. An Attenuator to provide a nominal Odbm level has been added to the SA-1712A/UR.

SA-1794/UG

Teletypewriter Switching Unit Incorporates 6 push-pull rotary switches with instantly removable wafers, low level gold plated contacts, wafers and receptacles, extension capabilities for system expansion, a completely shielded enclosure and minimum size; each unit contains six eight-position switches, mounted in two vertical rows; the positions are six active transfer positions, one extension position and an OFF position; switch position indicating device indicates both the rotary position and the IN position of the knob; when a switching matrix of more than six is desired, additional input or output (or both) devices can be added by using the extension position of the basic switch; systems of any size can be assembled with the multiple use of one basic module.

ASSOCIATED EQUIPMENT-ContinuedSA-1794/UG-
continued

and

Special features: enclosure is completely shielded with the switching mechanism electrically isolated from the enclosure for compatibility with a double shield wiring system; shield connections are available for frame ground shield signal shields separately. Manufacturer data: Tabet Manufacturing Co., Model TC-176, Dwg. No. 176-1001-1. Size: 9-15/16 in. high, 5-3/4 in. wide, 7-1/2 in. deep.

FUNCTION: Low level teletypewriter switching unit.

SA-1930/UR

Switching Unit Technical characteristics: "Red" processing section consists of an impedance matching transformer to match 600 ohms balanced Audio to 600 ohms unbalanced Audio; "Black" processing section is under the control of remote telephones to switch from cipher to plain modes of operations and supply lamp voltage (24 VDC) back to the telephone set to indicate mode; a push-to-talk relay under the control of the telephone operates to furnish signals to external circuits; an electronic circuit consists of transistors, and a relay furnishes lamp voltage (24 VDC) to light a detect lamp on remote telephones whenever a receive cipher signal is received Steel cadmium plated, bulkhead mounted enclosure. O/A dim. and wt.: 3.5 in. high, 7 in. deep, 5 in. wide; 4 lbs. (net). +24 VDC and +28 VDC, 100 milliamperes. Design Activity data: Naval Security Engineering Facility, Washington, DC.

operation

FUNCTION: Used to control the mode of operation from plain text to cipher text and vice versa.

Used with TSEC/KY-28,TA-840/U and C-7594A/U.

SA-2081/UR

VDC,

Switching Unit Switching data: 2 relays; 2 poles, 2 position, no off position, magnetic contactor, magnetic operation; 4 poles, 2 position, no off position, magnetic contactor, magnetic operation; not equipped for manual operation; 4 mounting holes for surface mounting. O/A dim. and wt.: 8.28 in. wide, 5 in. deep, 3.5 in. high; 4 lbs. (net). 24 40 milliamperes. Manufacturer data: Tabet Mfg. Co., Inc., Norfolk, VA.

FUNCTION: Provides capability of using voice communications equipment in plain or cipher modes of operation. Unit is triggered remotely from telephone set and conditions TSEC/KY-8 equipment for either mode as selected. Provides impedance matching from 600 ohm output of Control, Remote Switching C-7595A/U to high impedance input of secure voice channels.

ASSOCIATED EQUIPMENT-Continued

SA-2109/SRC

Electronic Switch Ten keyline inputs and outputs; data keyline input and detected output; 40 receiver audio input lines; 32 transmitter audio input lines; rack mounted. O/A dim. and wt.: 19 in. wide, 21-3/4 in deep, 7 in high; 25 lbs. (net). +28 VDC, +15 VDC, +5 VDC, -15 VDC. Design Activity data: Amecom, College Park, MD.

FUNCTION: Provides detection of keyline inputs, distribution of audio outputs, and selection of audio analog signals and keyline outputs for use by external monitoring equipment.

SB-315B/U

Telegraph Key-Control Panel Designed for general electronics use in shipboard installations. It accomplishes the following operations from a remote location:

- (1) Turns power on or off for an associated radio transmitter.
- (2) Provides a visual indication when the transmitter is on.
- (3) Permits keying the radio transmitter.

and
Corp.,

O/A dim. and wt.: 5-1/2 in. wide, 5-11/32 in. deep, 6-3/4 in. high, excluding screws Keyer knob; 2 lbs. (net), 2.25 lbs. (boxed). Manufacturer data: Dittmore-Freimuth Milwaukee, WI.

SB-863/SRT

Transmitter Transfer Switchboard Fixed station; multiple selection. Capacity 19 transmitter control circuit, twelve wire system, and ten remote station circuits; manual operation. 24 in. high x 12-1/2 in. wide x 12 in. deep; aluminum cabinet, bulkhead mounting. Cabinet containing terminal strips and ten, twenty-one position, twelve circuit, rotary switches, each switch comprising twelve, printed circuit, wafer assemblies, each wafer independently removable from and replaceable in the switch, without soldering operations or the use of tools, and indexing mechanism, wafer assembly receptacles and slotted guides for accepting the removable wafer assemblies. Ten switches mounted on hinged, front panel; each switch having terminals from which are wires to terminal strips in cabinet base completing 12 wire control circuits between each remote station and each transmitter. Switches so designed and connected that inadvertent paralleling of transmitter circuits is impossible. Provisions for mounting with and interconnecting with other switchboards for additional remote stations and/or transmitters. Manufacturer data: Tabet Manufacturing Co., Norfolk, VA., Model TC-1.

ASSOCIATED EQUIPMENT-Continued

- SB-863/SRT-remote
FUNCTION: Transfers up to nineteen radio transmitter continued. control circuits to one to ten remote stations Any one or all remote stations on one switchboard can transmit on any one up to nineteen transmitters. Facility is provided for additional stations and/or additional transmitters to be interconnected for control through additional switchboards. (Replaces Radio Transmitter Transfer Switchboard SB-83/SRT.)
- SB-973/SRR in.
 Receiver Transfer Switchboard 5 radio receivers accommodated; 10 remote stations accommodated; switch interconnected (manually); 5-1/16 in. wide x 7 in. deep x 9-1/2 high O/A; special features: simplified operation, replaces SB-82/SRR, weight 8-1/2 pounds, 10 two circuit 7 position switches, provision to use additional SB-973/SRR to transfer any number of receivers to remote control stations, designed for instant removal of damaged switchwafer. Manufacturer data: Tabet Manufacturing Co., Norfolk, VA.
FUNCTION: For general purpose use. Transfers audio output of radio receivers to remote control units.
- SB-988/SRT Model
 Transmitter Transfer Switchboard Equipment interconnected, 1 to 10 remote control stations, 1 to 6 radio transmitters; 10 remote locations accommodated; switch interconnection; patchcords not included; overall dimensions: 10 in. wide x 17-7/8 in. high x 11-3/8 in. deep. Manufacturer data: Tabet Manufacturing Co., Norfolk, VA., TC-2 Mod.
FUNCTION: Consists of an aluminum cabinet enclosing 10 twelve-circuit, eight-position, printed circuit, wafer-type, rotary selector switches connected to 26 terminal boards. Provides transfer of any one of 6 radio transmitters to any one of 10 remote control stations. For general electronics use in shipboard installation.
- SB-1039()/SRT
 Radio Transmitter Transfer Switchboard Equipment interconnected-6 remote stations, 6 transmitters. 6 remote stations accommodated. Switch interconnection. Patchcords not used. Size: 12-1/2 in. high, 9-1/2 in. wide, 9 in. deep, 23 pounds. Manufacturer data: Tabet Manufacturing Co., Norfolk, VA., Model TC-3.

ASSOCIATED EQUIPMENT-Continued

SB-1039()/SRT-
continued

FUNCTION: Provides transfer of any one of 6 transmitters by any one of 6 remote stations. Parallel operation is not possible. For general radio use in shipboard installation.

SB-1203A/UG

Communications Patch Panel Provides for 6 lines with 3 looping jacks and 1 set jack per line. Provides 6 miscellaneous jacks (30 jacks total); patch cords and plugs not supplies; metal and phenolic panel. O/A dim. and wt.: 5-3/4 in. wide, 15 in. high, 6-7/8 in. deep; 9-3/4 lbs. (net), 14 lbs. (boxed); mounting holes to be drilled upon installation. Manufacturer data: Tabet Mfg. Co., Inc., Norfolk, VA.

FUNCTION: Provides interconnection between teletypewriter equipment and keyers and converters of associated radio equipment.

SB-1203B/UG

and

Communication Patching Panel Thirty jacks; patch cords and plugs not supplied; metal and phenolic panel; 5-13/16 in. x 6 in. x 12-1/4 in.; four 1/4 in. dia. mounting holes located on back of cabinet; special features: provides for 6 lines with 3 looping jacks 1 set jack per line; provides 6 miscellaneous jacks; ferrous metal cabinet for magnetic shielding. Drawings: RE-D2682787A, RE-D2682788A and RE-D2697537A.

FUNCTION: For general teletypewriter use. Provides interconnection between teletypewriter equipment and keyers and converters of associated radio equipment.

SB-1210A/UGQ

7/8

Communications Patch Panel Provides for 6 lines with 2 looping jacks and 2 set jacks per line. Provides 6 miscellaneous jacks (30 jacks total); patch cords and plugs not supplied; metal and phenolic panel. O/A dim. and wt.: 5-3/4 in. wide, 15 in. high, 6-in. deep; 9-3/4 lbs. (net), 14 lbs. (boxed); mounting holes to be drilled upon installation. Manufacturer data: Tabet Mfg. Co., Inc., Norfolk, VA.

FUNCTION: Provides interconnection between teletypewriter equipment and keyers and converters of associated radio equipment.

SB-1210B/UGQ

Communication Patching Panel Thirty jacks; patch cords and plugs not supplied; metal and phenolic panel; O/A dia: 5-13/16 in. x 6 in. x 12-1/4 in.; four 1/4 in. dia. mounting holes located on back of cabinet; special features: provides for 6 lines with 2 looping jacks

ASSOCIATED EQUIPMENT-Continued

SB-1210B/UGQ-
continued

and 2 set jacks per line; provides 6 miscellaneous jacks; contains ferrous metal cabinet for magnetic shielding. Drawings: RE-D2682787, RE-D2682789.

FUNCTION: For specific use with secure communication systems. Provides interconnection between teletypewriter equipment and keyers and converters of associated radio equipment.

SB-2727/SRR
switches

Communications Patching Switchboard Section data: 2 sections, 10 connecting per section; material of panel: aluminum; O/A dim.: 11-1/8 in x 13-31/32 in. x 16-11/16 in.; mounting data: furnished with brackets for installation in standard 19 in. relay rack or bulkhead mounting; special features: switch sections (wafers) are readily removable for maintenance or replacement without disassembly or unsoldering of connections; additional switchboards may be added to increase system capability in switching transfer of additional remote control stations in multiples of twenty; switches are two circuit, twenty-four position, printed circuit wafer, rotary selector type. Manufacturer data: Tabet Manufacturing Co., Norfolk, VA. Dwg. No. 142-1001-1.

FUNCTION: Switchboard is used to switch the audio outputs of twenty-four radio receivers to any or all of twenty remote locations.

SB-2727B/SRR

Communications Patching Switchboard

switchboards

Switchboard is used to connect the audio outputs of 24 radio receivers or audio devices to any or all of 20 remote stations or terminals as a parallel load. Additional may be added in cascade to increase system capability in switching transfer of additional remotes or terminals in multiples of 20. Switch sections (gold plated wafers) are readily removable for maintenance or replacement without disassembly or unsoldering. O/A and wt.: 19 in. wide, 13-31/32 in. high, 11-1/8 in. deep; 44 lbs. (net), 49 lbs. (boxed). Aluminum enclosure can be relay rack or bulkhead mounted. Manufacturer data: Tabet Mfg. Co., Inc., Norfolk, VA.

dim.

SB-3145/UG

Communications Patch Panel Provides 20 rows of 3 jacks each.(60 total); lockout switch included for each circuit; 2 terminal blocks (WECO 156A) are installed at the rear and readily accessible for external cabling and strapping options; patch panel contained in a complete ferrous enclosure (.125 in. steel) suitable for relay rack mounting. O/A dim.: 3/4 in., 16-1/2 in., 19 in. Manufacturer data: NAVELECSYCOM, Washington Navy Yard.

are

8-

ASSOCIATED EQUIPMENT-Continued

SB-3145/UG -
continued

FUNCTION: Low-level send/receive teletype special purpose communications panel equipped for 20 circuit operation. Each circuit consists of a monitor, line and equipment jack. Various arrangements of send/receive may be programmed by exercising strapping options on both terminal blocks.

SB-3150/UG
external

Fuse Panel Provides 52 fuses, holder type, Fustron HLT, fust type Fustron GMT; cable entrance is made by solder type connection directly to the fuse holder terminal; . 125 in. steel enclosure suitable for relay rack mounting. O/A dim.: 3-1/2 in., 1-1/2 in., 19 in. Manufacturer data: NAVELECSYSCOM, Washington Navy Yard.

FUNCTION: Special purpose circuit overload protection fuse panel for teletype circuits.

SB-3176/UGQ
per
wt.:

Communications Patch Panel Provides for 4 lines with 2 looping jacks and 2 set jacks line (16 jacks total); eight patch cords and four dummy plugs supplied. O/A dim. and 9 in. high, 9 in. wide, 7 in. deep; 5 lbs. (net); aluminum enclosure. Manufacturer data: Tabet Mfg. Co., Inc., Norfolk, VA.

FUNCTION: The Normal Input Keying (NIK) Patch Panel is designed to provide an interface between the TSEC/KW-26 and TSEC/KW-7 cryptographic equipment and various teletype equipment which have the Normal Input Keying (NIK) teletype modification kits installed.

SB-3189A/FGC
GA.

Communication Patching Panel O/A dim.: 7 in. x 17 in. x 19 in.; panel material: 18 steel-cadmium plated; mounting data: standard 19 in. relay rack; number of jacks: 4 horizontal rows of 26 jacks each (104 Receptacle); 1 section; special features: two terminal blocks (WECO 156A or Trimm 427B-10 Modified) are installed at the rear and are readily accessible for external cabling and strapping options; patch panel open frame constructed for ease in installation and subsequent maintenance. Manufacturer data: NAVELEXWASHDIV, Dwg. No. RW-23F-607A for general teletypewriter use.

send

FUNCTION: A general purpose patching panel provided for circuit monitoring, routing, and equipment substitution. All major jack terminals are wired to two terminal blocks at the rear of the panel. The patch panel may be used in either high level or low level, or receive teletype circuits by exercising appropriate strapping options on the terminal blocks.

ASSOCIATED EQUIPMENT-Continued

SB-3189A/FGC-
continued

NOTE : One way interchangeable with SB-3189/FGC; all jacks changed and equal to WBCO 280C; all major jack functions extended to terminal blocks at rear of the panel.

SB-3453/UG

Communications Patch Panel Provides 10 rows of 3 jacks each (30 jacks total); lockout switch included for each circuit; two terminal blocks (WECO 156A) are installed at the rear and are readily accessible for external cabling and strapping options; patch panel contained in a complete ferrous enclosure (.125 in. steel) suitable for relay rack mounting. O/A dim.: 8-3/4 in., 16-1/2 in., 19 in. Manufacturer data: NAVELECSYSCOM, Washington Navy Yard.

FUNCTION: Low-level send/receive teletype special purpose communications panel equipped for 10 circuit operation. Each circuit consists of a monitor, line and equipment jack. Various arrangements of send/receive circuit arrangements may be programmed exercising strapping options on both terminal blocks. Ballast lamp and fuse can be arranged by strapping options. Terminal block provide space for use as distribution 105 pair capability.

by
frame

SB-3503/FG Fuse Panel O/A dim.: 3-1/2 in. high x 1-1/2 in. deep x 19 in. wide; panel material: .125 in. steel; mounting data: standard Navy 19 in. relay rack; number of fuses; 52; fuse holder type: Fustron HLT; fuse type: Fustron GMT; ballast lamp: 2 ea.; ballast lamp type: Dialco 39-6-1475; ballast lamp holder: Dialco 7538; special features: wire termination's .are made direct to fuse terminals. Manufacturer data: NAVELEXWASHDIV, Washington Navy Yard, Washington, DC p/n RN 1-D-2365; for general teletypewriter use.

Similar to SB-3190/FGA-18(V) but not electrically, mechanically or functionally interchangeable. Basic differences to the SB-3190/FGA-18(V) are: fuse spacing increased, size of panel increased, and incorporation of 2 each ballast lamps. To allow ease in fuse replacement and incorporation of the blown fuse indicator, wire are made direct to fuse terminals and the frame for wire termination's has been eliminated.

termination's

FUNCTION: General purpose circuit overload protection and indicator for teletypewriter circuits.

SB-3576/UG

Communication Patching Panel One section, 24 connecting positions per section; 120 receptacles; patch cords and plugs not supplied; aluminum panel and cabinet; O/A dim.: 9-13/16 in. long x 12 in.

ASSOCIATED EQUIPMENT-Continued

SB-3576/UG-

and

connect

to
jacks

No.

high x 19 in. wide; standard 19 inch rack mounting; special continued. features: all patching is accomplished from the front panel; the front panel is hinged at the bottom secured at the top by captive screws; front panel controls consist of the following: line current adjusting rheostats (24); each rheostat, numbered 1 through 24 controls the line current in one circuit, 1 through 24; DC milliampere meter used in conjunction with the line current adjustments rheostats for setting line current in circuits; meter jack to line current meter to any one of the 24 circuits; indicating fuses (24) each circuit is fused with indicating type, fuses, which in addition to providing a visual indication of a blown fuse, also completes an electrical circuit to the alarm bell (mounted inside the enclosure) to give audible blown fuse warning; fuses marked 1 through 24 are associated with the respective circuit, 1 through 24; jack field consists of 24 individual circuits for teletypewriter patching options; each loop or circuit contains the following jacks: LPG (looping jacks) normally closed circuit contact phone jacks. Any teletypewriter patched LPG jack with patch cords is connected in series in that particular channel, two LPG are provided in each channel; SET (set jacks) the jacks labeled SET incorporate a double-throw-double-pole switch; by inserting a DUMMY PLUG into the SET jack, the teletypewriter originally in this channel is disconnected; by inserting a patch cord into the SET jack, the teletypewriter originally connected is removed from the circuit and can be patched to any other circuit by inserting the patch cord into the LPG jack of the desired circuit; MISC (miscellaneous jack) these jacks are normally closed contact phone jacks identical to the LPG jacks; the MISC jacks are not wired to any particular circuit; teletypewriters not normally assigned to a converter or other terminal equipment are internally connected to the MISC jacks and are then available for patching to any circuit. Manufacturer data: Tabet Manufacturing Co., Norfolk, VA., Model SB2405A, Drawing 216-1001-16.

FUNCTION: Designed to facilitate interconnection and transfer of teletypewriters and various types of terminal equipments. The unit will accommodate 24 teletypewriter channels.

SB-3590/U

switches

Transfer Switchboard Provides 8 rotary wafer switches; each switch has seven positions plus an off position; each switch contains three removable printed circuit wafers; mounted on hinged front panel; each wafer has two circuits (one on the front and one on the back) and seven positions; circuits are printed wiring and arranged so that wafer is reversible.

ASSOCIATED EQUIPMENT-Continued

SB-3590/U-
continued

Norfolk,

Aluminum enclosure, unvented, with connectors for external cables mounted on both sides. O/A dim. and wt.: 16-3/8 in. high, 10-3/8 in. wide, 6 in deep; 18.5 lbs. Unit completely RF shielded. Manufacturer data: Tabet Mfg. Co., VA.

FUNCTION: Designed to transfer the five wire circuit of seven TSEC/KWR-37 equipments to any or all of eight TSEC/KG-14 equipments. The enclosure is shielded to eliminate the possibility of high frequency interference.

SB-3686/UG

in.

Teletype Signal Switchboard Twenty push-pull rotary wafer switches; each switch has eighteen positions; each switch has four removable printed circuit wafers; O/A dim.: 19 wide x 14 in. deep x 6-31/32 in. high; rack mounted only; special features: noninterfering is accomplished with a push pull action rotary switch which breaks connection before rotation by pulling out; remakes connection only when pushed in at desired position; no interference with active or operating circuits while rotating switch; enclosed in a ventilated steel cabinet. Manufacturer data: Tabet Manufacturing Co., Norfolk, VA. Model TC-258, Dwg. No. 258-1001-1.

FUNCTION: Switchboard is intended for use primarily in low level teletype patching applications where non-interfering switching is required.

SB-3692/UG

Communications Patch Panel Consists of 15 sections, 61 connecting positions; 780 receptacles (not all used); aluminum alloy panels; 8 each 13/16 in. dia. mounting holes. O/A dim.: 22.89 in., 26 in., 72 in. Manufacturer data: Litton Systems Inc., Van Nuys, CA.

FUNCTION: Used to facilitate interconnection of teletype and cryptographic equipment.

TC-161

combination.

Teletype Switchboard (Master Unit) This teletype switchboard is designed for maximum flexibility The switchboard contains eight, five position push-pull switches of unique design, for series teletype circuit switching. The switchboard provides facilities for switching 8 teletype station equipments to any of four operating loops in any combination. Also included is a "receipt" loop for split keyboard operation. The unit also contains five CR-160-3 current regulators, and toggle switches for turning off each loop and selecting one of two power supply inputs.

ASSOCIATED EQUIPMENT-Continued

TC-161-
continued
data:

Facilities are included for a tape distributor in each loop and for extending the capability to additional switchboards when more than 8 teletypes are utilized. O/A dim.: 14.5 in. high, 10-5/8 in. wide, 9-5/16 in. deep. Manufacturer Tabet Mfg. Co., Inc., Norfolk, VA.

TC-161S

Teletype Switchboard (Slave Unit) This teletype switchboard is designed as a slave unit to extend the capacity of the TC-161 Master Unit. The slave unit contains 8 rotary switches identical to those in the master unit. However, the current regulators and loop power switches are not used in this unit. O/A dim.: 14-1/2 in. high, 9 in. wide, 9-5/16 in. deep. Manufacturer data: Tabet Mfg. Co., Inc., Norfolk, VA.

CHAPTER 2

SECTION I.

List of Government Nomenclature Teletypewriter Equipments

<u>TYPE DESIGNATION</u>	<u>TELETYPEWRITER DESCRIPTION AND CODE</u>	<u>NSN</u>
AN/FGC-21	Model 28 Automatic Send-Receive Set	5815-00-503-2653
AN/FGC-21X	Model 28 Automatic Send-Receive Set	5815-00-859-7843
AN/FGC-38A	Model 28 Torn Tape Set	5815-00-679-5627
AN/FGC-56	Model 28 Automatic Send-Receive Set	5815-00-755-0903
AN/FGC-56X	Model 28 Automatic Send-Receive Set	
AN/FGC-58	Model 28 Automatic Send-Receive Set	5815-00-754-6844
AN/FGC-58X	Model 28 Automatic Send-Receive Set	5815-00-738-6018
AN/FGC-59	Model 28 Torn Tape Send-Receive Set	5815-00-054-7510
AN/FGC-69	Model 28 Multiple Page Printer Monitor Group	5815-00-892-1048
AN/FGC-69X	Model 28 Multiple Page Printer Monitor Group	5815-00-892-1049
AN/FGC-72AX	Model 28 Keyboard Send-Receive Set	5815-00-835-6948
AN/FGC-72BX	Model 28 Keyboard Send-Receive Set for Rack Mounting	5815-00-935-8102
AN/FGC-72X	Model 28 Keyboard Send-Receive Set	5815-00-849-1328
AN/FGC-74	Model 28 Multiple Page Printer Monitor Console Set	5815-00-087-5738
AN/FGC-74A	Model 28 Multiple Page Printer Monitor Console Set	
AN/FGC-74X	Model 28 Multiple Page Printer Monitor Console Set	5815-00-455-1770
AN/FGC-79	Model 28 Multiple Page Printer Monitor Console Set	5815-00-106-2288
AN/FGC-79A	Model 28 Multiple Page Printer Monitor Console Set	5815-00-930-3420

List of Government Nomenclature Teletypewriter Equipments-Continued

<u>TYPE DESIGNATION</u>	<u>TELETYPEWRITER DESCRIPTION AND CODE</u>	<u>NSN</u>
AN/FGC-79AX	Model 28 Multiple Page Printer Monitor Console Set	5815-00-946-5244
AN/FGC-79X	Model 28 Multiple Page Printer Monitor Console Set	5815-00-082-3632
AN/FGC-96	Model 28 Multiple Page Printer Monitor Console Set	5815-00-719-6202
AN/FGC-96A	Model 28 Multiple Page Printer Monitor Console Set	5815-00-078-0866
AN/FGC-96X	Model 28 Multiple Page Printer Monitor Console Set	5815-00-834-9440
AN/FGC-97	Model 28 Keyboard Send-Receive Set (Mobile)	815-00-984-1454
AN/FGC-97X	Model 28 Keyboard Send-Receive Set	5815-00-978-1217
AN/FGC-98X	Model 28 Keyboard Send-Receive Set (Rack Mounted)	5815-00-ND400755J
AN/FGC-100	Model 28 Multiple Page Printer Monitor Group, 4 Stack	5815-00-946-3622
AN/FGC-100A	Model 28 Multiple Page Printer Monitor Group, 4 Stack	5815-00-054-3346
AN/FGC-101	Model 28 Multiple Page Printer Monitor Group, 4 Stack	5815-00-946-3620
AN/FGC-116	Model 28 Receive-Only Page Printer Set (Rack Mounted)	5815-00-842-8647
AN/FGC-144	Model 28 Low-Level Keyboard Send-Receive Set	5815-00-108-5505
AN/FGC-148	Model 28 Low-Level Keyboard Send-Receive Set	5815-00-045-3872
AN/FGR-5	Model 28 Torn Tape Receiver Group	5815-00-857-0763
AN/FGR-5A	Model 28 Torn Tape Receiver Group	5815-00-972-0539
AN/FGR-6	Model 28 Torn Tape Monitor Group	5815-00-857-0764
AN/FGR-6A	Model 28 Torn Tape Monitor Group	5815-00-972-0540

List of Government Nomenclature Teletypewriter Equipments-Continued

<u>TYPE DESIGNATION</u>	<u>TELETYPEWRITER DESCRIPTION AND CODE</u>	<u>NSN</u>
AN/FGR-7	Model 28 Torn Tape Receiver Group	5815-00-135-0086
AN/FGR-8	Model 28 Torn Tape Monitor Group	5815-00-135-0085
AN/FGR-9	Model 28 Torn Tape Receiver Group	5815-00-842-8633
AN/FGT-4	Model 28 Torn Tape Transmitter Group	5815-00-857-0762
AN/FGT-5	Model 28 Transmitter Distributor Set (Standard Size)	5815-00-867-0275
AN/FGT-6	Model 28 Torn Tape Transmitter Group	5815-00-134-9993
AN/GGA-19	Model 28 High Speed Tape Punch Set	5815-00-067-3354
AN/GGA-20	Model 28 High Speed Tape Reader Set (CX)	5815-00-067-3360
AN/GGC-12	Model 28 Torn Tape Receiver Group	5815-00-043-3549
AN/GGR-1	Model 28 Torn Tape Receiver Group	5815-00-978-1215
AN/GGR-1A	Model 28 Torn Tape Receiver Group	5815-00-113-4499
AN/GGR-1X	Model 28 Torn Tape Receiver Group	5815-00-987-2835
AN/GGR-2	Model 28 Torn Tape Monitor Group	5815-00-978-1214
AN/GGR-2A	Model 28 Torn Tape Monitor Group	5815-00-971-9170
AN/GGR-2X	Model 28 Torn Tape Monitor Group	5815-00-987-2852
AN/GGT-3	Model 28 Torn Tape Transmitter Group	5815-00-978-1213
AN/GGT-3X	Model 28 Torn Tape Transmitter Group	5815-00-835-6946
AN/GGT-4	Model 28 Torn Tape Transmitter Group	5815-00-971-8901
AN/UGA-7	Model 28 Self-Contained Transmitter Distributor Set (Mobile)	5815-00-135-3619
AN/UGC-5	Model 28 Automatic Send-Receive Set	5815-00-543-1608
AN/UGC-5A	Model 28 Automatic Send-Receive Set	
AN/UGC-5AX	Model 28 Automatic Send-Receive Set	
AN/UGC-5B	Model 28 Automatic Send-Receive Set	5815-00-072-5596

List of Government Nomenclature Teletypewriter Equipments-Continued

<u>TYPE DESIGNATION</u>	<u>TELETYPEWRITER DESCRIPTION AND CODE</u>	<u>NSN</u>
AN/UGC-5BX	Model 28 Automatic Send-Receive Set	5815-00-925-5092
AN/UGC-5C	Model 28 Automatic Send-Receive Set	5815-00-914-1879
AN/UGC-5X	Model 28 Automatic Send-Receive Set	5815-00-543-1607
AN/UGC-6	Model 28 Automatic Send-Receive Set	5815-00-681-9890
AN/UGC-6A	Model 28 Automatic Send-Receive Set	5815-00-773-9575
AN/UGC-6AX	Model 28 Automatic Send-Receive Set	5815-00-773-9576
AN/UGC-6B	Model 28 Automatic Send-Receive Set	5815-00-893-4186
AN/UGC-6C	Model 28 Automatic Send-Receive Set	5815-00-884-8231
AN/UGC-6D	Model 28 Automatic Send-Receive Set	
AN/UGC-6E	Model 28 Automatic Send-Receive Set	5815-00-072-5596
AN/UGC-6F	Model 28 Automatic Send-Receive Set	5815-00-072-5595
AN/UGC-6FX	Model 28 Automatic Send-Receive Set	5815-00-072-5597
AN/UGC-6G	Model 28 Automatic Send-Receive Set	5815-00-763-0175
AN/UGC-6HX	Model 28 Automatic Send-Receive Set	
AN/UGC-6J	Model 28 Automatic Send-Receive Set	5815-00-914-1877
AN/UGC-6JX	Model 28 Automatic Send-Receive Set	5815-00-914-1878
AN/UGC-6K	Model 28 Automatic Send-Receive Set	5815-00-925-5094
AN/UGC-6L	Model 28 Automatic Send-Receive Set	5815-00-943-4387
AN/UGC-6MY	Model 28 Automatic Send-Receive Set	5815-00-912-0401
AN/UGC-6NX	Model 28 Automatic Send-Receive Set	5815-00-053-4379
AN/UGC-6X	Model 28 Automatic Send-Receive Set	5815-00-681-9892
AN/UGC-7	Model 28 Automatic Send-Receive Set	5815-00-790-8916
AN/UGC-7X	Model 28 Automatic Send-Receive Set	5815-00-681-9891
AN/UGC-8	Model 28 Automatic Send-Receive Set	5815-00-681-9891
AN/UGC-8	Model 28 Automatic Send-Receive Set	
AN/UGC-8A	Model 28 Automatic Send-Receive Set	

List of Government Nomenclature Teletypewriter Equipments-Continued

<u>TYPE DESIGNATION</u>	<u>TELETYPEWRITER DESCRIPTION AND CODE</u>	<u>NSN</u>
AN/UGC-8AX	Model 28 Automatic Send-Receive Set	5815-00-082-3631
AN/UGC-8B	Model 28 Automatic Send-Receive Set	5815-00-072-5598
AN/UGC-8X	Model 28 Automatic Send-Receive Set	
AN/UGC-10	Routing Set, Teletypewriter	5815-00-663-2728
AN/UGC-13	Model 28 Automatic Send-Receive Set	5815-00-064-5594
AN/UGC-13AX	Model 28 Automatic Send-Receive Set	5815-00-763-0196
AN/UGC-13B	Model 28 Automatic Send-Receive Set	5815-00-GF1-0441
AN/UGC-13BX	Model 28 Automatic Send-Receive Set	5815-00-997-7316
AN/UGC-13C	Model 28 Automatic Send-Receive Set	5815-00-177-3016
AN/UGC-13CX	Model 28 Automatic Send-Receive Set	5815-00-411-0410
AN/UGC-13X	Model 28 Automatic Send-Receive Set	5815-00-067-3588
AN/UGC-14	Model 28 Reperforator Transmitter Set	5815-00-076-3220
AN/UGC-15	Model 28 Automatic Send-Receive Set	5815-00-081-8652
AN/UGC-15X	Model 28 Automatic Send-Receive Set	5815-00-978-9634
AN/UGC-16	Model 28 Automatic Send-Receive Set	5815-00-081-6309
AN/UGC-16A	Model 28 Automatic Send-Receive Set	5815-00-083-8434
AN/UGC-17	Model 28 Reperforator Transmitter Set	5815-00-061-9544
AN/UGC-18	Model 28 Automatic Send-Receive Set	5815-00-081-7771
AN/UGC-19	Model 28 Keyboard Send-Receive Set (Rack Mounted)	
AN/UGC-20	Model 28 Keyboard Send-Receive Set (Compact Model)	5815-00-921-8356
AN/UGC-20A	Model 28 Keyboard Send-Receive Set (Compact Model)	5815-00-087-0762
AN/UGC-20AX	Model 28 Keyboard Send-Receive Set (Compact Model)	

List of Government Nomenclature Teletypewriter Equipments-Continued

<u>TYPE DESIGNATION</u>	<u>TELETYPEWRITER DESCRIPTION AND CODE</u>	<u>NSN</u>
AN/UGC-20B	Model 28 Keyboard Send-Receive Set (Compact Model)	5815-00-470-7740
AN/UGC-20BX	Model 28 Keyboard Send-Receive Set (Compact Model)	
AN/UGC-20X	Model 28 Keyboard Send-Receive Set (Compact Model)	5815-00-921-8355
AN/UGC-22	Model 28 Keyboard Send-Receive Set (Rack Mounted)	
AN/UGC-22A	Model 28 Keyboard Send-Receive Set (Rack Mounted)	5815-00-938-6246
AN/UGC-25	Model 28 Receive-Only Page Printer Set (Compact Model)	5815-00-926-0157
AN/UGC-25A	Model 28 Receive-Only Page Printer Set (Compact Model)	5815-00-087-0763
AN/UGC-25AX	Model 28 Receive-Only Page Printer Set (Compact Model)	5815-00-134-1528
AN/UGC-25X	Model 28 Receive-Only Page Printer Set (Compact Model)	5815-00-921-6817
AN/UGC-31	Model 28 Reperforator-Transmitter Set	5815-00-984-1471
AN/UGC-32	Model 28 Automatic Send-Receive Set	5815-00-984-1457
AN/UGC-32X	Model 28 Automatic Send-Receive Set	5815-00-834-9439
AN/UGC-32Y	Model 28 Automatic Send-Receive Set	5815-00-842-8632
AN/UGC-34	Model 28 Keyboard Send-Receive Set (Rack Mounted)	
AN/UGC-35	Model 28 Automatic Send-Receive Set	
AN/UGC-37	Model 28 Automatic Send-Receive Set	5815-00-135-7903
AN/UGC-43	Model 28 Keyboard Send-Receive Set (Compact Model)	5815-00-915-4443
AN/UGC-44	Model 28 Automatic Send-Receive Set	5815-00-116-4462
AN/UGC-45	Model 28 Reperforator-Transmitter Set	

List of Government Nomenclature Teletypewriter Equipments-Continued

<u>TYPE DESIGNATION</u>	<u>TELETYPEWRITER DESCRIPTION AND CODE</u>	<u>NSN</u>
AN/UGC-47	Model 28 Low-Level Keyboard Send-Receive Set	5815-00-879-6531
AN/UGC-47X	Model 28 Low-Level Keyboard Send-Receive Set	5815-00-444-0037
AN/UGC-48	Model 28 Low-Level Automatic Send-Receive Set	5815-00-879-6530
AN/UGC-48A	Model 28 Low-Level Automatic Send-Receive Set	5815-00-465-2147
AN/UGC-48BY	Model 28 Low-Level Automatic Send-Receive Set	
AN/UGC-48X	Model 28 Low-Level Automatic Send-Receive Set	5815-00-879-7584
AN/UGC-49	Model 28 Low-Level Automatic Send-Receive Set	5815-00-879-6529
AN/UGC-49X	Model 28 Low-Level Automatic Send-Receive Set	5815-00-220-2256
AN/UGC-50	Model 28 Low-Level Receive-Only Page Printer Set (Rack Mounted)	5815-00-879-6526
AN/UGC-50AY	Model 28 Low-Level Receive-Only Page Printer Set (Rack Mounted)	5815-00-168-8392
AN/UGC-50X	Model 28 Low-Level Receive-Only Page Printer Set (Rack Mounted)	5815-00-879-6520
AN/UGC-50Y	Model 28 Low-Level Receive-Only Page Printer Set (Rack Mounted)	5815-00-042-7840
AN/UGC-51	Model 28 Low-Level Keyboard Send-Receive Set (Rack Mounted)	5815-00-879-6528
AN/UGC-51AY	Model 28 Low-Level Keyboard Send-Receive Set (Rack Mounted)	5815-00-168-8391
AN/UGC-51X	Model 28 Low-Level Keyboard Send-Receive Set (Rack Mounted)	5815-00-879-6527
AN/UGC-51Y	Model 28 Low-Level Keyboard Send-Receive Set (Rack Mounted)	5815-00-220-2254

List of Government Nomenclature Teletypewriter Equipments-Continued

<u>TYPE DESIGNATION</u>	<u>TELETYPEWRITER DESCRIPTION AND CODE</u>	<u>NSN</u>
AN/UGC-54	Model 28 Low-Level Automatic Send-Receive Set	5815-00-108-5517
AN/UGC-54B	Model 28 Low-Level Automatic Send-Receive Set	5815-00-168-8394
AN/UGC-55	Model 28 Low-Level Keyboard Send-Receive Set (Rack Mounted)	5815-00-108-5528
AN/UGC-56	Model 28 Low-Level Torn Tape Monitor Group	5815-00-108-5520
AN/UGC-57	Model 28 Low-Level Automatic Send-Receive Set	5815-00-108-5537
AN/UGC-58	Model 28 Low-Level Receive-Only Page Printer Set (Rack Mounted)	5815-00-116-4466
AN/UGC-59	Model 35 Automatic Send-Receive Page Printer Set	5815-00-229-6964
AN/UGC-59A	Model 35 Automatic Send-Receive Page Printer Set	5815-00-254-7472
AN/UGC-60	Model 28 Low-Level Keyboard Send-Receive Set	5815-00-220-2255
AN/UGC-60X	Model 28 Low-Level Keyboard Send-Receive Set	
AN/UGC-61	Model 28 Low-Level Multiple Printer Monitor Set	5815-00-220-9596
AN/UGC-61A	Model 28 Low-Level Multiple Printer Monitor Console Set	5815-00-168-9551
AN/UGC-61X	Model 28 Low-Level Multiple Printer Monitor Console Set	5815-00-123-2041
AN/UGC-61Y	Model 28 Low-Level Multiple Printer Monitor Console Set	5815-00-229-6963
AN/UGC-62	Model 28 Automatic Send-Receive Set	
AN/UGC-63	Model 28 Keyboard Send-Receive Printer Set (Rack Mounted)	5815-00-444-4910
AN/UGC-64	Model 28 Low-Level Receive-Only Typing Reperforator Set (Standard Size)	5815-00-476-4229

List of Government Nomenclature Teletypewriter Equipments-Continued

<u>TYPE DESIGNATION</u>	<u>TELETYPEWRITER DESCRIPTION AND CODE</u>	<u>NSN</u>
AN/UGC-65	Model 28 Torn Tape Transmitter Set	5815-00-492-4926
AN/UGC-66	Model 28 Low-Level Transmitter Distributor Set (Standard Size)	
AN/UGC-67	Model 28 Automatic Send-Receive Printer Set	
AN/UGC-68	Model 28 Torn Tape Receiver Set	5815-00-497-3697
AN/UGC-69	Model 28 Automatic Send-Receive Printer Set (Table Mounted)	5815-00-250-2003
AN/UGC-70	Model 28 Receive-Only Typing Reperforator Set (Standard Size)	5815-00-476-4230
AN/UGC-71	Model 28 Manual Routing Line Segregator Set	5815-00-420-8415
AN/UGC-77	Model 28 Low-Level Keyboard Send-Receive Printer Set (Compact Model)	5815-00-401-1779
AN/UGC-77X	Model 28 Low-Level Keyboard Send-Receive Printer Set (Compact Model)	
AN/UGC-78	Model 28 Low-Level Keyboard Send-Receive Typing Reperforator Set	5815-00-177-3459
AN/UGC-79	Model 35 Keyboard Send-Receive Printer Set	
AN/UGC-81	Model 28 Keyboard Send-Receive Printer Set	5815-00-ND028461HZS
AN/UGC-82	Model 28 Automatic Send-Receive Printer Set	5815-00-ND02846HZS
AN/UGC-83	Model 37 Automatic Send-Receive Printer Set	5815-00-NC081835HZS
AN/UGC-87	Model 28 Low-Level Automatic Send-Receive Printer Set	5815-00-451-8313
AN/UGC-88	Model 37 Low-Level Automatic Send-Receive Printer Set	5815-00-469-4550
AN/UGC-88A	Model 37 Low-Level Automatic Send-Receive Printer Set	

List of Government Nomenclature Teletypewriter Equipments-Continued

<u>TYPE DESIGNATION</u>	<u>TELETYPEWRITER DESCRIPTION AND CODE</u>	<u>NSN</u>
AN/UGC-88B	Model 37 Low-Level Automatic Send-Receive Printer Set	
AN/UGC-89	Model 37 Low-Level Keyboard Send-Receive Printer Set	5815-00-146-1791
AN/UGC-89A	Model 37 Low-Level Keyboard Send-Receive Printer Set	5815-00-363-9595
AN/UGC-89B	Model 37 Low-Level Keyboard Send-Receive Printer Set	
AN/UGC-90	Model 28 Low-Level Automatic Send-Receive Printer Set	5815-00-168-8396
AN/UGC-90X	Model 28 Low-Level Automatic Send-Receive Printer Set	5815-00-168-8393
AN/UGC-91	Model 28 Low-Level Keyboard Send-Receive Printer Set (Compact Model)	5815-00-168-8347
AN/UGC-92	Model 37 Low-Level Automatic Send-Receive Printer Set	5815-00-168-8395
AN/UGC-92A	Model 37 Low-Level Automatic Send-Receive Printer Set	
AN/UGC-93	Model 37 Low-Level Keyboard Send-Receive Printer Set	5815-00-168-8390
AN/UGC-93A	Model 37 Low-Level Keyboard Send-Receive Printer Set	
AN/UGC-96	Model 37 Low-Level Automatic Send-Receive Printer Set	
AN/UGC-104	Model 37 Low-Level Keyboard Send-Receive Printer Set	5815-00-470-4087
AN/UGC-105	Model 28 Keyboard Send-Receive Printer Set	
AN/UGC-106	Model 28 Keyboard Send-Receive Printer Set	
AN/UGC-107	Model 28 Keyboard Send-Receive Printer Set	

List of Government Nomenclature Teletypewriter Equipments-Continued

<u>TYPE DESIGNATION</u>	<u>TELETYPEWRITER DESCRIPTION AND CODE</u>	<u>NSN</u>
AN/UGC-108	Model 28 Multiple Page Printer Monitor Set	5815-00-210-8457
AN/UGC-109	Model 37 Low-Level Keyboard Send-Receive Printer Set	5815-00-432-8857
AN/UGC-110	Model 37 Low-Level Automatic Send-Receive Printer Set	
AN/UGC-111	Model 35 Keyboard Send-Receive Page Printer Set (Table Mounted)	5815-00-100-0148
AN/UGC-112	Model 28 Keyboard Send-Receive Page Printer with Typing Reperforator	5815-00-008-6093
AN/UGC-113	Model 28 Keyboard Send-Receive Page Printer Set (Rack Mounted)	5815-00-008-6094
AN/UGC-115	Model 37 Low-Level Multiple Page Printer Monitor Set	
AN/UGC-116	Model 35 Automatic Send-Receive Page Printer Set	
AN/UGC-118	Model 37 Low-Level Multiple Page Printer Monitor Set (Rack Mounted)	5815-00-140-1547
AN/UGC-119	Model 37 Low-Level Keyboard Send-Receive Page Printer Set	5815-00-140-1544
AN/UGC-121	Model 37 Low-Level Dual Keyboard Send-Receive Printer Set	5815-00-210-8595
AN/UGC-122	Model 40 Keyboard-Display-Printer Terminal	
AN/UGC-123	Model 28 Low-Level Keyboard Send-Receive Page Printer Set (Compact Model)	
AN/UGR-1	Model 28 Receive-Only Page Printer Projector Set	5815-00-059-9933
AN/UGR-1A	Model 28 Receive-Only Page Printer Projector Set	5815-00-078-4285
AN/UGR-2	Model 28 Receive-Only Typing Reperforator Set (Miniature Size)	

List of Government Nomenclature Teletypewriter Equipments-Continued

<u>TYPE DESIGNATION</u>	<u>TELETYPEWRITER DESCRIPTION AND CODE</u>	<u>NSN</u>
AN/UGR-3	Model 28 Receive-Only Page Printer Set	5815-00-933-6857
AN/UGR-4	Model 28 Receive-Only Page Printer Set (Compact)	5815-00-054-3250
AN/UGR-8	Model 28 Low-Level Receive-Only Page Printer Set	5815-00-123-1953
AN/UGR-9	Model 28 Low-Level Receive-Only Page Printer Set (Compact)	5815-00-123-1954
AN/UGR-9X	Model 28 Low-Level Receive-Only Page Printer Set (Compact)	5815-00-123-1955
AN/UGR-10	Model 28 Low-Level Multiple Page Printer Monitor Set	5815-00-199-7512
AN/UGR-10A	Model 28 Low-Level Multiple Page Printer Monitor Set (Bulkhead Mounted)	5815-00-168-9553
AN/UGR-10X	Model 28 Low-Level Multiple Page Printer Monitor Set	5815-00-400-5383
AN/UGR-10Y	Model 28 Low-Level Multiple Page Printer Monitor Set	5815-00-971-8903
AN/UGR-11	Model 28 Low-Level Torn Tape Monitor Set	5815-00-135-9427
AN/UGR-12	Model 28 Low-Level Torn Tape Receiver Set	5815-00-435-2780
AN/UGR-13	Model 28 Low-Level Torn Tape Monitor Set	5815-00-168-3588
AN/UGR-14	Inktronic Receive-Only Page Printer Set	5815-00-438-4917
AN/UGR-15	Inktronic Low-Level Receive-Only Page Printer Set	5815-00-138-2550
AN/UGR-16	Model 28 Low-Level Receive-Only Page Printer Set (Compact)	5815-00-412-9398
AN/UGR-17	Model 28 Receive-Only Typing Reperforator Set (Standard Size)	5815-00-005-1107
AN/UGR-18	Model 28 Receive-Only Page Printer Set (Rack Mounted)	5815-00-005-1105

List of Government Nomenclature Teletypewriter Equipments-Continued

<u>TYPE DESIGNATION</u>	<u>TELETYPEWRITER DESCRIPTION AND CODE</u>	<u>NSN</u>
AN/UGR-19	Model 28 Torn Tape Receiver Set	5815-00-150-2353
AN/UGR-20	Model 28 Torn Tape Monitor Set	5815-00-008-6092
AN/UGT-4	Model 28 Low-Level Torn Tape Transmitter Set	5815-00-121-4437
AN/UGT-4X	Model 28 Low-Level Torn Tape Transmitter Set	5815-00-179-3678
AN/UGT-5	Model 28 Low-Level Torn Tape Transmitter Set	5815-00-135-2773
AN/UGT-6	Model 28 Low-Level Torn Tape Transmitter Set	5815-00-494-6870
AN/UGT-6A	Model 28 Low-Level Torn Tape Transmitter Set (Bulkhead Mounted)	5815-00-138-5865
AN/UGT-7	Model 28 Low-Level Torn Tape Transmitter Set	5815-00-494-0399
AN/UGT-8	Model 28 Torn Tape Transmitter Set	5815-00-005-1106
TT-47/UG	Model 28 Keyboard Send-Receive Printer Set	5815-00-370-0063
TT-47A/UG	Model 28 Keyboard Send-Receive Printer Set	5815-00-644-3407
TT-47B/UG	Model 28 Keyboard Send-Receive Printer Set	
TT-47C/UG	Model 28 Keyboard Send-Receive Printer Set	5815-00-679-2779
TT-47D/UG	Model 28 Keyboard Send-Receive Printer Set	5815-00-682-2598
TT-47E/UG	Model 28 Keyboard Send-Receive Printer Set	5815-00-779-0885
TT-47F/UG	Model 28 Keyboard Send-Receive Printer Set	5815-00-972-3020
TT-47G/UG	Model 28 Keyboard Send-Receive Printer Set	5815-00-972-3019

List of Government Nomenclature Teletypewriter Equipments-Continued

<u>TYPE DESIGNATION</u>	<u>TELETYPEWRITER DESCRIPTION AND CODE</u>	<u>NSN</u>
TT-47H/UG	Model 28 Keyboard Send-Receive Printer Set	5815-00-972-3018
TT-47J/UG	Model 28 Keyboard Send-Receive Printer Set	5815-00-072-5407
TT-47K/UG	Model 28 Keyboard Send-Receive Printer Set	5815-00-914-1875
TT-47L/UG	Model 28 Keyboard Send-Receive Printer Set	5815-00-989-0288
TT-48/UG	Model 28 Keyboard Send-Receive Printer Set	5815-00-370-0059
TT-48A/UG	Model 28 Keyboard Send-Receive Printer Set	5815-00-665-1868
TT-48B/UG	Model 28 Keyboard Send-Receive Printer Set	5815-00-708-8635
TT-48C/UG	Model 28 Keyboard Send-Receive Printer Set	5815-00-682-2599
TT-48D/UG	Model 28 Keyboard Send-Receive Printer Set	5815-00-972-3017
TT-48E/UG	Model 28 Keyboard Send-Receive Printer Set	
TT-48F/UG	Model 28 Keyboard Send-Receive Printer Set	5815-00-074-1293
TT-48G/UG	Model 28 Keyboard Send-Receive Printer Set	5815-00-933-6856
TT-48H/UG	Model 28 Keyboard Send-Receive Printer Set	5815-00-900-8002
TT-48J/UG	Model 28 Keyboard Send-Receive Printer Set	5815-00-914-1876
TT-48K/UG	Model 28 Keyboard Send-Receive Page Printer Set	5815-00-989-0286
TT-69/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted)	5815-00-503-2766

List of Government Nomenclature Teletypewriter Equipments-Continued

<u>TYPE DESIGNATION</u>	<u>TELETYPEWRITER DESCRIPTION AND CODE</u>	<u>NSN</u>
TT-69A/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted)	5815-00-644-4705
TT-69B/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted)	
TT-69C/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted)	5815-00-682-2600
TT-69D/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted)	5815-00-972-3013
TT-69E/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted)	5815-00-015-3487
TT-69F/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted)	5815-00-943-1167
TT-69G/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted)	5815-00-054-4969
TT-70/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted)	5815-00-370-0074
TT-70A/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted)	5815-00-665-2068
TT-70B/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted)	
TT-70C/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted)	
TT-70D/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted)	5815-00-682-2601
TT-70E/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted)	5815-00-072-5408
TT-70F/UG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted)	5815-00-900-8001
TT-128/UG	Model 28 Keyboard Send-Receive Page Printer Set	5815-00-868-8185
TT-128A/UG	Model 28 Keyboard Send-Receive Page Printer Set	

List of Government Nomenclature Teletypewriter Equipments-Continued

<u>TYPE DESIGNATION</u>	<u>TELETYPEWRITER DESCRIPTION AND CODE</u>	<u>NSN</u>
TT-128B/UG	Model 28 Keyboard Send-Receive Page Printer Set	5815-00-972-3014
TT-128C/UG	Model 28 Keyboard Send-Receive Page Printer Set	5815-00-689-6841
TT-129/UG	Model 28 Keyboard Send-Receive Page Printer Set	
TT-129A/UG	Model 28 Keyboard Send-Receive Page Printer Set	5815-00-224-3961
TT-130/UG	Model 28 Keyboard Send-Receive Page Printer Set	5815-00-868-8186
TT-130A/UG	Model 28 Keyboard Send-Receive Page Printer Set	
TT-130B/UG	Model 28 Keyboard Send-Receive Page Printer Set	
TT-130C/UG	Model 28 Keyboard Send-Receive Page Printer Set	5815-00-762-0064
TT-131/UG	Model 28 Keyboard Send-Receive Page Printer Set	
TT-131A/UG	Model 28 Keyboard Send-Receive Page Printer Set	
TT-171/UG	Model 28 Receive-Only Page Printer Set	5815-00-868-8188
TT-171A/UG	Model 28 Receive-Only Page Printer Set	5815-00-679-2780
TT-171B/UG	Model 28 Receive-Only Page Printer Set	5815-00-972-3015
TT-171C/UG	Model 28 Receive-Only Page Printer Set	5815-00-072-5409
TT-176/UG	Model 28 Keyboard Send-Receive Page Printer Set (Rack Mounted)	5815-00-665-1128
TT-176A/UG	Model 28 Keyboard Send-Receive Page Printer Set (Rack Mounted)	5815-00-856-0968
TT-176B/UG	Model 28 Keyboard Send-Receive Page Printer Set (Rack Mounted)	5815-00-060-4606

List of Government Nomenclature Teletypewriter Equipments-Continued

<u>TYPE DESIGNATION</u>	<u>TELETYPEWRITER DESCRIPTION AND CODE</u>	<u>NSN</u>
TT-176C/UG	Model 28 Keyboard Send-Receive Page Printer Set (Rack Mounted)	5815-00-072-5410
TT-187/UG	Model 28 Transmitter Distributor Set (Standard Size)	5815-00-617-5247
TT-187A/UG	Model 28 Transmitter Distributor Set (Miniature Size)	5815-00-752-1169
TT-187B/UG	Model 28 Transmitter Distributor Set (Miniature Size)	5815-00-972-3022
TT-187C/UG	Model 28 Transmitter Distributor Set (Miniature Size)	5815-00-763-2012
TT-187D/UG	Model 28 Transmitter Distributor Set (Miniature Size)	
TT-187E/UG	Model 28 Transmitter Distributor Set (Miniature Size)	5815-00-771-4148
TT-192/UG	Model 28 Receive-Only Typing Reperator Set (Miniature Size)	5815-00-678-5482
TT-192A/UG	Model 28 Receive-Only Typing Reperator Set (Miniature Size)	5815-00-752-1167
TT-192B/UG	Model 28 Receive-Only Typing Reperator Set (Miniature Size)	
TT-192C/UG	Model 28 Receive-Only Typing Reperator Set (Miniature Size)	5815-00-788-2380
TT-234/SGA-3	Model 28 Keyboard Send-Receive Page Printer Set	5815-00-505-3060
TT-240/UG	Model 28 Keyboard Send-Receive Page Printer Set (Rack Mounted)	
TT-241/UG	Model 28 Receive-Only Page Printer Set	
TT-243/FG	Model 28 Keyboard Send-Receive Page Printer Set	5815-00-752-0922
TT-244/FG	Model 28 Keyboard Send-Receive Page Printer Set	5815-00-868-8117
TT-244A/FG	Model 28 Keyboard Send-Receive Page Printer Set	5815-00-935-8179

List of Government Nomenclature Teletypewriter Equipments-Continued

<u>TYPE DESIGNATION</u>	<u>TELETYPEWRITER DESCRIPTION AND CODE</u>	<u>NSN</u>
TT-247/FG	Model 28 Keyboard Send-Receive Page Printer Set (Shelf Mounted)	5815-00-752-0923
TT-248/UG	Model 28 Keyboard Send-Receive Page Printer Set	
TT-253/UG	Model 28 Keyboard Send-Receive Typing Reperforator Set	5815-00-707-4893
TT-253A/UG	Model 28 Keyboard Send-Receive Typing Reperforator Set	5815-00-972-3023
TT-253B/UG	Model 28 Keyboard Send-Receive Typing Reperforator Set	5815-00-078-4323
TT-253C/UG	Model 28 Keyboard Send-Receive Typing Reperforator Set	5815-00-763-2013
TT-253D/UG	Model 28 Keyboard Send-Receive Typing Reperforator Set	5815-00-868-8515
TT-261/UG	Model 28 Receive-Only Page Printer Set (Shelf Mounted)	5815-00-665-2188
TT-261A/UG	Model 28 Receive-Only Page Printer Set (Shelf Mounted)	5815-00-972-3016
TT-261B/UG	Model 28 Receive-Only Page Printer Set (Shelf Mounted)	5815-00-682-7761
TT-262/FG	Model 28 Send-Receive Page Printer Projector Set	5815-00-820-2172
TT-273/UG	Model 28 Transmitter Distributor Set (Standard Size)	5815-00-707-5224
TT-273A/UG	Model 28 Transmitter Distributor Set (Standard Size)	5815-00-933-7897
TT-274/UG	Model 28 Receive-Only Typing Reperforator Set (Standard Size)	5815-00-707-4892
TT-274A/UG	Model 28 Receive-Only Typing Reperforator Set (Standard Size)	5815-00-980-0584
TT-274B/UG	Model 28 Receive-Only Typing Reperforator Set (Standard Size)	5815-00-985-4873
TT-275/UG	Model 28 Receive-Only Page Printer Set (Shelf Mounted)	5815-00-796-0035

List of Government Nomenclature Teletypewriter Equipments-Continued

<u>TYPE DESIGNATION</u>	<u>TELETYPEWRITER DESCRIPTION AND CODE</u>	<u>NSN</u>
TT-283/UG	Model 28 Receive-Only Page Printer Set	5815-00-796-0036
TT-283A/UG	Model 28 Receive-Only Page Printer Set	5815-00-682-7762
TT-287/GPA-73	Model 28 Send-Receive Page Printer Projector Set	5815-00-732-0889
TT-292/UG	Model 28 Keyboard Send-Receive Typing Reperforator Set	5815-00-783-6389
TT-292A/UG	Model 28 Keyboard Send-Receive Typing Reperforator Set	
TT-299A/UG	Teletypewriter	5815-00-972-9143
TT-299B/UG	Teletypewriter	5815-00-082-3740
TT-306/UG	Model 28 Receive-Only Page Printer Set (Rack Mounted)	5815-00-064-5592
TT-306A/UG	Model 28 Receive-Only Page Printer Set (Rack Mounted)	5815-00-072-5676
TT-306B/UG	Model 28 Receive-Only Page Printer Set (Rack Mounted)	
TT-306X/UG	Model 28 Receive-Only Page Printer Set (Rack Mounted)	
TT-307/UG	Model 28 Keyboard Send-Receive Page Printer Set (Rack Mounted)	5815-00-043-2327
TT-307A/UG	Model 28 Keyboard Send-Receive Page Printer Set (Rack Mounted)	5815-00-072-5677
TT-307B/UG	Model 28 Keyboard Send-Receive Page Printer Set (Rack Mounted)	
TT-308/UG	Model 28 Torn Tape Receiver Set	5815-00-060-5228
TT-308A/UG	Model 28 Torn Tape Receiver Set	
TT-308X/UG	Model 28 Torn Tape Receiver Set	
TT-309/UG	Model 28 Torn Tape Monitor Set	5815-00-060-5227

List of Government Nomenclature Teletypewriter Equipments-Continued

<u>TYPE DESIGNATION</u>	<u>TELETYPEWRITER DESCRIPTION AND CODE</u>	<u>NSN</u>
TT-309A/UG	Model 28 Torn Tape Monitor Set	
TT-310/UG	Model 28 Torn Tape Transmitter Set	5815-00-060-9032
TT-310A/UG	Model 28 Torn Tape Transmitter Set	
TT-329/UG	High Speed Tape Punch Set	5815-00-926-7271
TT-331/UG	Model 28 Torn Tape Receiver Set	5815-00-856-0805
TT-331A/UG	Model 28 Torn Tape Receiver Set	5815-00-013-7924
TT-332/UG	Model 28 Torn Tape Monitor Set	5815-00-856-0806
TT-332A/UG	Model 28 Torn Tape Monitor Set	5815-00-013-7925
TT-333/UG	Model 28 Torn Tape Transmitter Set	5815-00-856-0807
TT-333A/UG	Model 28 Torn Tape Transmitter Set	5815-00-902-3185
TT-340/UG	Model 28 Receive-Only Page Printer Set (Rack Mounted)	
TT-340A/UG	Model 28 Receive-Only Page Printer Set (Rack Mounted)	5815-00-116-4465
TT-340B/UG	Model 28 Receive-Only Page Printer Set (Rack Mounted)	5815-00-103-0174
TT-340C/UG	Model 28 Receive-Only Page Printer Set (Rack Mounted)	5815-00-105-8552
TT-341/UG	Model 28 Keyboard Send-Receive Page Printer Set (Rack Mounted)	
TT-341A/UG	Model 28 Keyboard Send-Receive Page Printer Set (Rack Mounted)	5815-00-084-6365
TT-341B/UG	Model 28 Keyboard Send-Receive Page Printer Set (Rack Mounted)	5815-00-834-9443
TT-341C/UG	Model 28 Keyboard Send-Receive Page Printer Set (Rack Mounted)	5815-00-935-8101
TT-350/UG	High Speed Tape Punch Set	
TT-403/UG	Model 28 Torn Tape Receiver Set	

List of Government Nomenclature Teletypewriter Equipments-Continued

<u>TYPE DESIGNATION</u>	<u>TELETYPEWRITER DESCRIPTION AND CODE</u>	<u>NSN</u>
TT-403A/UG	Model 28 Torn Tape Receiver Set	5815-00-926-0128
TT-404/UG	Model 28 Torn Tape Monitor Set	
TT-404A/UG	Model 28 Torn Tape Monitor Set	5815-00-926-0129
TT-405/UG	Model 28 Torn Tape Transmitter Set	
TT-405A/UG	Model 28 Torn Tape Transmitter Set	5815-00-926-0130
TT-461/UG	Model 28 Torn Tape Monitor-Transmitter Set	
TT-461A/UG	Model 28 Torn Tape Monitor-Transmitter Set	5815-00-946-5225
TT-462/UG	Model 28 Torn Tape Monitor-Transmitter Set	
TT-462A/UG	Model 28 Torn Tape Monitor-Transmitter Set	5815-00-946-5237
TT-463/UG	Model CX High Speed Tape Reader Set	
TT-509/UG	Teletype High Speed Tape Punch Set	5815-00-926-7270
TT-515/UYP	Teletypewriter, UNIVAC 1533 Keyboard Printer	5815-00-006-0413
TT-525/UG	Model 28 Receive-Only Page Printer Set	
TT-525X/UG	Model 28 Receive-Only Page Printer Set	
TT-533/UG	Model 28 Transmitter Distributor Set (Standard Size)	5815-00-983-3033
TT-553/UG	Model 28 Self-Contained Transmitter Distributor Set	5815-01-011-9635
TT-556/UG	Model 28 Torn Tape Transmitter Set	5815-00-935-5054
TT-570/UG	Model 28 Low-Level Transmitter Distributor Set (Miniature Size)	5815-00-760-2065
TT-571/UG	Model 28 Low-Level Receive-Only Typing Reperforator Set (Standard Size)	5815-00-771-4228
TT-575/UG	Teletype High Speed Tape Punch Set	5815-00-760-2042

List of Government Nomenclature Teletypewriter Equipments-Continued

<u>TYPE DESIGNATION</u>	<u>TELETYPEWRITER DESCRIPTION AND CODE</u>	<u>NSN</u>
TT-576/UG	Model 28 Low-Level Torn Tape Receiver Set	5815-00-782-7234
TT-576A/UG	Model 28 Low-Level Torn Tape Receiver Set	5815-00-168-9552
TT-577/UG	Model 28 Low-Level Torn Tape Monitor Set	5815-00-782-7236
TT-578/UG	Model 28 Low-Level Torn Tape Receiver Set	5815-00-889-7442
TT-579/UG	Model 28 Low-Level Torn Tape Monitor Set	5815-00-771-4647
TT-583/UG	Model 28 Receive-Only Page Printer Set (Rack Mounted)	5815-00-103-3502
TT-584/UG	Model 28 Receive-Only Page Printer Set (Rack Mounted)	5815-00-113-4498
TT-603/UG	Model 28 Low-Level Transmitter Distributor Set (Miniature Size)	5815-00-220-2257
TT-605/UG	Model 28 Low-Level Receive-Only Typing Reperforator Set (Miniature Size)	5815-00-136-2464
TT-622/UG	Model 28 Torn Tape Transmitter Set (Miniature Size)	5815-00-465-7363
TT-624(V)/UG	Teleprinter	
TT-624(V)1/UG	Teleprinter	5815-00-165-3049
TT-624(V)2/UG	Teleprinter	
TT-624(V)3/UG	Teleprinter	
TT-624(V)4/UG	Teleprinter	
TT-624(V)5/UG	Teleprinter	5815-00-138-9842
TT-624(V)6/UG	Teleprinter	5815-00-138-9865
TT-624(V)7/UG	Teleprinter	
TT-627/UG	Model 28 Receive-Only Page Printer Set	5815-00-ND0-28463HZS

List of Government Nomenclature Teletypewriter Equipments-Continued

<u>TYPE DESIGNATION</u>	<u>TELETYPEWRITER DESCRIPTION AND CODE</u>	<u>NSN</u>
TT-659/UG	Model 28 Transmitter Distributor Set (Standard Size)	5815-00-009-7833
RL-216/UG	TW15 Tape Winder (TT-309, TT-332A/UG)	5815-00-946-5266
RL-235/UG	LPW300BR	5815-00-075-3487
SB-358/FGC	Relay Group Assembly Part Number 128288	5815-00-099-0652
SB-964/UG	LESU7/147	6110-00-923-0975
TS-383A/GG	Test Set (DXD200AA)	6625-00-369-9982
TS-383B/GG	Test Set (DXD200AA)	5815-00-177-2899
TS-652	Both MU4 and MU26 Test Set (DXC200AA)	6625-00-635-8607
TS-658/UG	Test Set (ED51DT)	6625-00-635-9565
TS-659/UG	Test Set (ED58HE)	6625-00-635-9735
TSEC/HL-2	Control Converter (ZCC200BR)	5815-00-543-1606

2-23/2-24 Blank

SECTION II.

List of Teletype Corporation Modification Kits

LOW-LEVEL MOD KITS

<u>TYPE DESIGNATION</u>	<u>TELETYPE CORP. PART NUMBER</u>	<u>NATIONAL STK. NO.</u>	<u>PURPOSE OR EQUIPMENT USED ON</u>
MK-1081/UG	323800	5815-00-877-9514	AN/FGC-72AX, AN/UGC-97X, TT-47D, TT-47E, TT-47H, TT-47J, TT-48C, TT-48F
MK-1082/UG	323801	5815-00-877-9516	AN/UGC-22A, TT-69C, TT-69D, TT-70D, TT-176A, TT-176C
MK-1083/UG	323802	5815-00-877-9520	TT-253, TT-253A, TT-253C, TT-292
MK-1084/UG	323803	5815-00-877-9523	TT-171
MK-1085/UG	323804	5815-00-877-9526	TT-171A, TT-171C, TT-283
MK-1086/UG	323805	5815-00-877-9531	TT-192, TT-192A, TT-274, TT-274A
MK-1087/UG	323806	5815-00-877-8999	AN/UGC-5, AN/UGC-5X
MK-1088/UG	323807	5815-00-877-9013	AN/UGC-6, AN/UGC-6A, AN/UGC-6BX, AN/UGC-6F, AN/UGC-6K
MK-1089/UG	323808	5815-00-877-9020	AN/UGC-13, AN/UGC-13AX, AN/UGC-16, AN/UGC-32X
MK-1090/UG	323809	5815-00-877-9065	AN/UGC-25, AN/UGC-25X
MK-1098/UG	323816	5815-00-053-4254	AN/FGC-74, AN/FGC-74A, AN/FGC-74X, AN/FGC-79, AN/FGC-79A, AN/FGC-79AX, AN/FGC-79X
MK-1099/UG	321193	5815-00-053-4258	AN/FGC-100
MK-1100/UG	321215	5815-00-053-4265	TT-187, TT-187A, TT-187B, TT-187C, TT-273A

LOW-LEVEL MOD KITS-Continued

<u>TYPE DESIGNATION</u>	<u>TELETYPE CORP. PART NUMBER</u>	<u>NATIONAL STK. NO.</u>	<u>PURPOSE OR EQUIPMENT USED ON</u>
MK-1101/UG	326764	5815-00-053-4294	AN/FGR-6A, TT-332, TT-332A, TT-404A
MK-1110/UG	323823	5815-00-058-1205	AN/FGR-5A, TT-331, TT-331A, TT-403A
MK-1111/UG	321216	5815-00-058-1216	MX-1115/UG, MX-3311/UG Typing Units
MK-1112/UG	324052	5815-00-058-1217	MX-3310/UG Keyboard
MK-1113/UG	324053	5815-00-058-1227	MX-3312/UG Trans. Dist.
MK-1114/UG	324056	5815-00-058-1195	AN/UGC-50, TT-306, TT-306A
MK-1115/UG	324057	5815-00-058-1196	TT-307, TT-307A
MK-1116/UG	324051	5815-00-058-1197	TT-311
MK-1117/UG	321218	5815-00-058-1198	TT-315, TT-316, TT-317
MK-1135/UG	330720	5815-00-791-1551	Polar-Neutral Converter
MK-1136/UG	327472BR	5815-00-017-3470	TT-308
MK-1137/UG	327473BR	5815-00-017-3582	TT-309
MK-1158/UG	323116	5815-00-179-8469	AN/UGC-20, AN/UGC-20A, AN/UGC-20B
MK-1625/UG	334438		Model 28/32 KSR High Level Keyboard and Distributor to Photoelectric
Not Assigned	323826	5815-00-879-7292	Maintenance Kit for Low- Level Mod Kit MK-1100/UG (321215)
Not Assigned	323827	5815-00-879-7303	Maintenance Kit for Low- Level Mod Kits MK-1084/UG, MK-1085/UG, MK-1086/UG, MK-1090/UG, MK-1099/UG, MK-1110/UG

LOW-LEVEL MOD KITS-Continued

<u>TYPE DESIGNATION</u>	<u>TELETYPE CORP. PART NUMBER</u>	<u>NATIONAL STK. NO.</u>	<u>PURPOSE OR EQUIPMENT USED ON</u>
Not Assigned	323828	5815-00-879-7297	Maintenance Kit for Low-Level Mod Kits MK-1081/UG, MK-1082/UG, MK-1083/UG, MK-1087/UG, MK-1088/UG, MK-1089/UG, MK-1098/UG, MK-1158/UG

RFI MOD KITS

MK-834/UG	179611	5815-00-795-2518	AN/UGC-5
MK-835/UG	179610	5815-00-795-2532	AN/UGC-6
MK-836/UG	179644	5815-00-795-2526	TT-47
MK-837/UG	179612	5815-00-795-2522	TT-47D, TT-176
MK-838/UG	179613	5815-00-796-6850	TT-171, TT-171A
MK-839/UG	179614	5815-00-796-6849	TT-187, TT-187A
MK-840/UG	179616	5815-00-795-2520	TT-192, TT-192A
MK-841/UG	179615	5815-00-795-2521	TT-253

SPECIAL PURPOSE MOD KITS

MK-698/UG		5815-00-088-6024	Convert TT-47, TT-48, TT-69, TT-70, TT-129, TT-130 from 7.42 to 7.00 Unit Code Operation
MK-699/UG		5815-00-088-6025	Convert TT-176, TT-176A from 7.42 to 7.00 Unit Code Operation
MK-764/UG	193936	5815-00-066-4354	Allow Typing Unit (LP) to perform auto. line feed upon receipt of carriage return function
MK-794/UG	178838	5815-00-015-3482	Modifies AN/UGC-6 with external on/off switch for Aux. Reperf. and Tape Out Button

SPECIAL PURPOSE MOD KITS-Continued

<u>TYPE DESIGNATION</u>	<u>TELETYPE CORP. PART NUMBER</u>	<u>NATIONAL STK. NO.</u>	<u>PURPOSE OR EQUIPMENT USED ON</u>
MK-795/UG	304920	5815-00-015-3483	Modify TT-253 for fully perforated tape operation, includes chad chute and chad box. Printing appears between feed holes
MK-810/UG	195415	5815-00-051-3823	Provides 3 speed gear shift (60, 67, 100 WPM) for TT-47, TT-69 7.42 Unit Code Operation
MK-811/UG	195442	5815-00-051-3823	Provides 3 speed gear shift (60, 67, 100 WPM) for TT-187 7.42 Unit Code Operation
MK-821/UG	304599	5815-00-691-6103	Provides external unshift key to allow shifting down from upper to lower case
MK-890/UG		5815-00-914-1881	Provides tandem msg. ident. feature for AN/UGC-13
MK-890A/UG		5815-00-771-4029	Provides tandem msg. ident. feature for AN/UGC-13
MK-891/UG	305542	5815-00-914-1880	Convert TT-47K from 7.42 to 7.00 Unit Code Operation
MK-908/UG	195443	5815-00-985-9189	Provides 3 speed gear shift (60, 67, 100 WPM) for TT-187A 7.42 Unit Code Operation

SECTION III.

**Comparison of Low-Level Teletypewriter Equipment
Against Former Standard High Level Set**

(Low-Level Sets)

*AN/FGC-144
 *AN/FGC-148
 *AN/UGC-47
 *AN/UGC-47X
 *AN/UGC-48
 *AN/UGC-48X
 *AN/UGC-49
 *AN/UGC-49X
 *AN/UGC-50
 *AN/UGC-50X
 *AN/UGC-50Y
 *AN/UGC-51
 *AN/UGC-51X
 *AN/UGC-51Y
 *AN/UGC-54
 *AN/UGC-55
 *AN/UGC-56
 *AN/UGC-57
 *AN/UGC-58
 *AN/UGC-60
 *AN/UGC-61
 *AN/UGC-61X
 *AN/UGC-61Y
 *AN/UGC-64
 *AN/UGC-66
 AN/UGC-77
 *AN/UGC-78
 *AN/UGR-8
 *AN/UGR-9
 *AN/UGR-9X
 *AN/UGR-10
 *AN/UGR-10X
 *AN/UGR-11
 *AN/UGR-12
 *AN/UGR-13
 *AN/UGT-4
 *AN/UGT-4X
 *AN/UGT-5
 *TT-570/UG
 *TT-571/UG
 *TT-576/UG
 *TT-577/UG

FORMER (High Level Sets)

AN/FGC-97X
 AN/FGC-97
 TT-47H/UG
 Similar to TT-47H/UG except 50 Hz
 AN/UGC-6K
 AN/UGC-6MY
 AN /UGC-13
 Similar to AN/UGC-13 except 50 Hz
 TT-306A/UG
 Similar to TT-306A/UG except 50 Hz
 TT-340B/UG
 TT-307A/UG
 Similar to TT-307A/UG except 50 Hz
 Similar to TT-307A/UG except 50/60 Hz
 AN/UGC-32X
 TT-341A/UG
 TT-309X/UG
 AN/UGC-32
 Similar to TT-340B/UG
 TT-47L/UG
 AN/FGC-79A
 AN/FGC-79AX
 AN/FGC-79X
 TT-274/UG
 TT-533/UG
 AN/UGC-20B
 TT-253B/UG
 Similar to TT-171C/UG except 7.00 Unit Code
 AN/UGC-25A
 AN/UGC-25AX
 AN/FGC-100
 AN/FGC-101
 TT-332A/UG
 Similar to TT-308A/UG except 50/60 Hz
 Similar to TT-309A/UG except 50/60 Hz
 TT-310/UG
 Similar to TT-310/UG except 50/60 Hz
 TT-333A/UG
 TT-187B/UG
 TT-192/UG
 TT-308/UG
 TT-309/UG

**Comparison of Low-Level Teletypewriter Equipment
Against Former Standard High Level Set-Continued**

(Low-Level Sets)

*TT-578/UG
*TT-579/UG
*TT-603/UG
*TT-605/UG

FORMER (High Level Sets)

Similar to TT-308/UG except 50 Hz
Similar to TT-309/UG except 50 Hz
TT-187C/UG
TT-192C/UG

* Performs the same major functions but not actually the same (Part for Part).
Various sub-assemblies different.

CHAPTER 3

SECTION I.

Description of Active Facsimile Equipment

AN/GXT-2

Facsimile Set

Facsimile Set AN/GXT-2 is used to transform the image of maps, drawings, diagrams, graphs, charts, etc., into an electronic signal and then transmit this signal to one or more remotely located recorders. The Facsimile Set utilizes telephone lines, radio and microwave transmission links of 3 KHz bandwidths. It commands a slave or remote recorder, and automatically starts operation and records the received data on electro sensitive recording paper. When the recorder receives a stop signal, it is placed in a standby condition, ready to start and receive again upon receipt of the next command start signal.

Optically scans fixed graphic information for conversion into electronic signals and transmits this for use with remote chart recorders.

Consists of body assembly part no. 9165-2A, console assembly part no. 9165N-10A, desk assembly part no. 9165N-3A, electronics part no. 9165N-4A, optical head part no. 9165NDTL-1A, paper feed part no. 9165NK-6A.

Power requirement: 115VAC, 60 Hz, single phase, 500 watts.

Output speed: 60 or 120 RPM.

FM modulation: 1900 Hz \pm 400 Hz, 2300 Hz white, 1500 Hz black.

Manufacturer: Alden Electronic and Impulse Recording and Equipment Co.

Size: 56 in. high, 39 in. wide, 26 in. deep

AN/TXC-1B

Facsimile Set

This transportable set is an electrical-mechanical-optical equipment of the revolving drum type that is used for the transmission and reception of page copy (maps, photographs, sketches, printed, written, drum) over wire or radio voice communications channels. Color copy can be transmitted but reproduction is black and white with intermediate shades of grey. Received copy is recorded directly on chemically coated paper or photographically in either negative or positive form. The set transmits a 12 in. by 18 in. page of copy in 20 minutes. Maximum size of copy: 12 in. by 18-11/16 in. Size of Scanning Stop: 1-96 in.; Drum: 6 in. diameter, 1 RPM rotation, 12 in. lateral movement in 20 minutes, 96 scanning lines per in.

Consists of facsimile transceiver TT-1B/TXC-1, rectifier power unit PP-86A/TXC-1, table MT-252A/TXC-1.

Power requirement: 115 VAC, 60 Hz, single phase, 250 watts.

Manufacturer: Times Facsimile Corp.

Size: 44 in. high, 28 in. wide, 14 in. deep.

Description of Active Facsimile Equipment-Continued**AN/TXC-1C****Facsimile Set**

Same as AN/TXC-1B except operates at 30 and 60 RPM with provision for operation at other speeds from suitable external frequency supply.

AN/TXC-1D**Facsimile Set**

For transmitting and receiving; wire and radio transmission; light beam scanning and electric stylus or light beam recording; dots of varying intensity; max size of material transmitted and received: transmits and receives 12 in. by 18 in. page; positive or negative reproduction. One way interchangeable with previous models except for maintenance parts.

AN/UXH-2B**Facsimile Recorder Set**

This recorder set provides continuous page reproduction of weather maps, tactical information, sketches, and other data. Consists of facsimile recorder RO-293/UXH-2B, electronic control amplifier AM-4218A/UXH-2A, power supply PP-1901A/UXH-2. Special features: Automatically starts, phases, prints and stops on control, automatic end of paper stop.

Operates at 60, 90 or 120 scans per minute by front panel control.

Power requirements: 115VAC, 60 Hz, single phase, 250 watts or 230VAC, 60 Hz, single phase, 250 watts.

This equipment uses carbon and bond paper and printing is accomplished by pressure recording principle.

Manufacturer: Westrex Communications Div., Litton Systems Inc.

AN/UXH-2C**Facsimile Recorder Set**

Facsimile Recorder Set AN/UXH-2C is a continuous page facsimile recorder which provides a succession of direct recordings of weather maps, tactical graphic information, sketches, or typewritten, printed or handwritten data. The recorded information is received at the facsimile set from a remote transmitter via a radio transmitter or, alternately, via land lines. When the recorded data is transmitted via a radio link, a frequency shift converter is required to convert the transmitted signals to a form acceptable to the facsimile recorder set.

The facsimile recorder set may be operated automatically, thus providing long intervals of unattended operation. This mode requires a facsimile scanner capable of generating the proper control signals. Alternatively, the facsimile recorder set can be operated manually when the associate facsimile transmitter is incapable of transmitting the proper control signals. In this latter operating mode, the control signals are generated at the facsimile.

Uses direct stylus recording on carbon paper or integrated pressure-sensitive paper.

Scanning speed: 60, 90 or 120 scans per minute.

Description of Active Facsimile Equipment-Continued**AN/UXH-2C-continued**

Power requirements: 115 or 230 VAC, 60 Hz, single phase, 250 watts.

Manufacturer: Decitron Electronics Corp.

Size: 17-1/2 in. high, 32 in. wide, 21 in. deep 214 pounds.

CV-172A/U**Frequency Shift Converter**

Receives frequency shift signals from the audio output of a radio receiver, converts the signal into an amplitude modulated tone and supplies it to facsimile reader; frequency data: 1500 to 2300 Hz, one band, contains monitor speaker for input signal and resonance indicator for output signal. Table mounted and includes line amplifier for connection to telephone line.

Power requirement: 115 VAC, 60 Hz, single phase, 70 watts.

Manufacturer: Times Facsimile Corp.

Size: 5-5/8 in. high, 19-1/8 in. wide, 16-39/64 in. deep.

CV-1066/UX**Frequency Shift Converter**

Designed to convert 2300 and 3100 Hz audio frequency shift facsimile signals to amplitude-modulated signals for a facsimile recorder.

One band, one channel.

Power requirements: 115 VAC, 60 Hz, single phase.

Manufacturer: Westrex Communication Div., Litton Systems Inc.

CV-1066A/UX**Frequency Shift Converter**

Converts 2300 to 3100 Hz all frequency shift signal to amplitude modulated signal for a facsimile recorder.

Provisions are made for audible monitoring of the incoming signal and for visual checking of frequency limits.

Interchangeable with CV-1066/UX except for maintenance parts.

Mechanically interchangeable with the CV-172A/UX. The frequency shift range has been increased from 1500 to 2300 (CV-172A/UX) to 2300 to 3100.

Power requirements: 115 VAC, 60 Hz, single phase.

Size: 6-3/4 in. high, 19-1/8 in. wide, 16-1/2 in. deep.

Manufacturer: Westrex Communication Div., Litton Systems Inc.

CV-1066B/UX**Frequency Shift Converter**

Converts 2300 to 3100 Hz facsimile signals to A-M signals.

Two-way interchangeable, except by maintenance parts, with CV-1066/UX and CV-1066A/UX. One transformer deleted; various components standardized.

Manufacturer: Decitron Electronics Corp. part no. 236-2.

CV-2979/UX**Frequency Shift Converter**

Converts audio frequency shift (afs) signals of 1.5 to 2.3 KHz to amplitude-modulated (equivalent) signals for a facsimile recorder.

Description of Active Facsimile Equipment-Continued**CV-2979/UX-
continued**

Input characteristics; impedance: 500/600 ohms, balanced; type of modulation: audio freq. shift; modulation freq: 1.5 - 2.3 KHz; level: 0 to -40 dbm; output characteristics: impedance: 500/600 ohms, balanced; type of modulation: amplitude modulation (equivalent); range of max. to min. signal (contrast) 12 dbm; level: internally adjustable to plus 3 dbm with input signal at 1.5 KHz.

NOTE: Similar to CV-172/U, CV-172A/U, CV-1066/UX, CV-1066A/UX, CV-1066B/UX but not electrically, mechanically, functionally interchangeable; function is compatible with CV-172/U, CV-172A/U, CV-1066/UX, CV-1066A/UX and CV-1066B/UX, but will accept higher keying speed.

Power requirements: 115 VAC, 60 Hz, single phase.
Size: 3-15/32 in. high, 19 in. wide, 12 in. deep.
Used with AN/UXH-2B and C, TT-321/UX, TT-321A/UX.
Manufacturer data: NAVELEX WASH DIV dwg. 20141

KY-44C/FX**Keyer Adapter**

Function, converts amplitude-modulated audio frequency signal as obtained from a facsimile transmitter to provide a DC keying signal for frequency-shift exciter units in radio transmission; application, suitable for use with facsimile transmitters such as facsimile transceiver TT-41()/TXC-1B and frequency-shift keyers designed for radio facsimile use; principle parts and/or circuits consist of, band-pass filter, audio frequency amplifier, demodulator, low-pass filter, 1800 Hz test oscillator, power supply; signal input ratings, signal, amplitude modulated audio frequency, carrier frequency range, 1500 to 7000 Hz, modulation frequency range, 0 to 800 Hz, frequency range (as amplifier) 100-7000 Hz, level, -20 to +6 dbm, impedance, 600 ohms, balanced; signal output ratings, signal, any one of the following, DC keying signals, unfiltered detected keying signal, amplified audio signals, level, 0 to 25v, AC or DC, linearity, AC or DC output linear p/m 5% over 30 db range below 20v, impedance, 600 ohms, balanced or unbalanced, modulation frequency range, 0 to 800 Hz.

Special features: Frequency response ± 2 db from 100 to 7000 Hz, A 900 to 2500 Hz band-pass filter with switch for insertion or removal from circuit, A db meter to measure input signal level, An AC/DC voltmeter, with overload protection, to measure output signal level, at signal input a low-pass RF filter with cut-off at 10 KHz, A switch for selecting DC keying, unfiltered detected, or amplified audio signals as output signal, A removable AC power cord terminated on one end with molded plug and on other end with terminal

Description of Active Facsimile Equipment-Continued**KY-44C/FX-continued**

lugs, chassis provided with handles to allow it to be pulled out of cabinet on slide rollers approximately 11-3/4" to a stop for servicing or replacing of tubes, A flexible removable cable between the cabinet and chassis to allow for operation outside the cabinet, cover plate on rear of cabinet for mounting Navy armored cable tubes.
 Power requirements: 115 or 230 VAC, 60 Hz, single phase, 40 watts.
 Manufacturer: Times Facsimile Corp.
 Size: 5-7/32 in. high, 17-9/16 in. wide, 14-59/64 in. deep.

MD-168A/UX**Radio Modulator**

Converts AM signal to FM signal.
 Performance characteristics: input data: 500 ohms balanced impedance amplitude modulation, 0 to 900 Hz modulation frequency, 1.5 to 10 KHz carrier frequency, 10 to 20 db range of max to min signal, 0 to -20 db level of max signal; output data: 500 ohms balanced impedance audio frequency shift modulation, 2300 Hz high frequency limit, 1500 Hz low frequency limit, approximately 0.7 VAC across 500 ohm resistive load level.
 Power requirements: 115 VAC, 60 Hz, single phase.
 Manufacturer: Westrex Communications Division, Litton Systems Inc.
 Size: 6-3/4 in. high, 16-5/8 in. wide, 19-1/8 in. deep.
 Used with TT-321A/UX.

MD-880/UX**Radio Modulator**

Converts amplitude modulated facsimile signals received from a facsimile transmitter or wire line to audio frequency-shift signals of 1500 to 2300 Hz.
 Input characteristics: impedance 500/600 ohms, balanced, amplitude modulation, modulating frequency 0-1500 Hz, carrier frequency 1.5-10 KHz, range of max to min signal (contrast) 10 to 20 db, level of max signal 0-20 dbm; output characteristics; impedance 500/600 ohms, balanced, audio frequency shift; high frequency limit adjustable to 3000 Hz, low frequency limit adjustable to 1400 Hz, level adjustable to plus 3 dbm across a 600 ohm resistive load; o/a characteristics: input vs output: output frequency linear with input voltage; has output frequency meter and output level meter.
 Power requirement: 115 VAC 50/60 Hz, single phase.
 Size: 3-15/32 in. high, 19 in. wide, 12 in. deep, standard 19 in. rack mounting, 20 pounds.
 Used with AN/GXT-2, TT-321/UX, TT-321A/UX.

NOTE: Similar to MD-168/UX, MD-168A/UX but not electrically, mechanically, functionally interchangeable. Function is compatible but will accept higher keying speed.

Manufacturer data: NAVELEX WASH DIV dwg. 20140.

Description of Active Facsimile Equipment-Continued**RD-92A/UX****Facsimile Recorder**

For receiving only; wire and radio reception; electric stylus recording; dots of varying density; max size of material received: receives 12 by 18 in. page; positive reproduction; special features: potentiometer is provided for internal adjustment of recorder for proper signal input contrasts for maximum recording density to no recording; both sides of the power line are fused; a separate power cord is provided with a molded plug on one end and Hubbell 3 conductor twist-lock female plug on the other; a barrier strip is provided at the rear of the cabinet for connecting (1) the power input, (2) ground, and (3) the input signal; the chassis slides out of cabinet on rollers approximately 11-3/4 in. to a stop to allow for tube replacement and servicing; the slide roller assembly located in the cabinet can be removed and installed in standard relay rack such as Navy type CY-597/G. This allows the unit to slide in and out of the relay rack. A flexible interconnecting cable is provided between the recorder chassis and the barrier strip on the cabinet so that unit may be operated when pulled out on the slide rollers, two connectors are provided so that an external control unit can be used for automatic operation of the recorder, shock mounts are provided on the cabinet, a hinged perforated metal cover over the recording drum is provided for radio frequency radiation reduction, a noise interference filter is provided in circuit to reduce the conducted noise from the equipment.
 Power requirements: 115 VAC, 60 Hz, single phase, 140 watts
 Manufacturer: Times Facsimile Corp.

RO-160/UX**Facsimile Recorder**

Makes direct recordings of copy transmitted from a transmitting facsimile or equipment having the same transmission characteristics.
 Image data: 12 in. wide roll type, direct reproduction; c/o following Westrex items: recorder subassembly part/dwg no. 42C-00-00-00, amplifier detector part/dwg no. 41C-13-00-00, amplifier modulator part/dwg no. 41C-14-00-00, amplifier power supply subassembly part/dwg no. 41C-20-00-00, oscillator, part/dwg no. 41B-05-00-00; special features: drum speed 60 rpm or 120 rpm.
 Power requirements: 115 VAC, 60 Hz, single phase.
 Manufacturer: Westrex Corp.
 Similar to but not interchangeable with RD-92A/UX.

RO-171/UX**Facsimile Recorder**

Makes direct recordings of copy transmitted from a compatible transceiver. Similar to but not interchangeable with facsimile recorder RD-92()/UX series. Designed for 60 rpm or 90 rpm operation.
 Image data: 12 in. wide roll type, direct reproduction;

Description of Active Facsimile Equipment-Continued**RO-171/UX-
continued**

complement data: Westrex Corp. recorder subassembly part/dwg no. 42C-00-00-00 (F16-R-40501-1008), amplifier detector part/dwg no. 41C-13-00-00 (F16A-39348-1010), amplifier modulator part/dwg no. 41C-14-00-00 (F16A-39374-1007), oscillator, AF part/dwg no. 41B-05-00-00 (F16-0-45640-2357), amplifier power supply subassembly part/dwg no. 41C-20-00-00 (F16-A-39401-1005); special features: drum speed 60 rpm or 90 rpm. Power requirements: 115 VAC, 60 Hz, single phase. Manufacturer: Westrex Corp.

RO-172/UX**Facsimile Recorder**

Makes direct recordings of copy transmitted from a compatible transceiver. Similar to but not interchangeable with facsimile recorder RD-92()/UX series. Designed for 90 rpm or 120 rpm operation.

Image data: 12 in. wide roll type, direct reproduction; complement data: complement listing Westrex Corp. recorder subassembly part/dwg no. 42C-00-00-00, amplifier detector part/dwg no. 41C-13-00-00, amplifier modulator part/dwg no. 41C-14-00-00, oscillator, AF part/dwg no. 41B-05-00-00, amplifier power supply subassembly part/dwg no. 41C-20-00-00, special features: drum speed 90 rpm or 120 rpm. Power requirements: 115 VAC, 60 Hz, single phase. Manufacturer: Westrex Corp.

TT-41B/TXC-1B**Facsimile Transceiver**

For transmitting and receiving; wire or radio transmission; light beam scanning and electric stylus or light beam recording; type of facsimile, dots of varying intensity; max size of material transmitted or received: 12 by 18 in. page; positive or negative reproduction (as controlled from transmitter); operating power requirements, receives power from Rectifier Power Supply PP-86()/TXC-1; special features: operates at 60 rpm or 30 rpm. Power requirements: 115 VAC, 60 Hz, single phase. Manufacturer: Times Facsimile Corp.

TT-66A/TXC**Facsimile Transceiver**

Equipment: rotating drum. Function: transmit or receive. Copy: page. Maximum copy size: 7 in by 8-1/2 in. Scanning size: 0.01 in. Recording: direct or photographic; positive or negative. Drum speed: 45 and 90 RPM rotation; lateral movement, 7 in. in 7 minutes at 90 RPM. Scanning lines per inch: 96. Index of cooperation: 264. Audio carrier frequency: 1800 Hz Modulation: AM. Frequency bandwidth: 1200 Hz maximum. Frequency band limits: 1200 to 2400 Hz. Drum speed control: synchronous motor controlled by 1800 Hz fork oscillator. Signal level: input for reception -45 to ODBM: output for transmission 0 to +25 DBM.

Description of Active Facsimile Equipment-Continued**TT-66A/TXC-
continued**

Receives power from power supply PP-86A/TXC.
Same as TT-66/TXC except improved items added.
Manufacturer: Times Facsimile Corp.

TT-321A/UX**Facsimile Transceiver**

An electro-mechanical optical facsimile component of the revolving drum type for the transmission and reception of page copy.

Image data: 12 in. x 18-11/16 in. copy size, negative or positive reproduction.

Transmits maps, photographs, sketches, and printed or hand-written text or regular voice communication channels, either wire or radio, between fixed station. Serves either as transmitter or receiver depending on the setting of front panel selector switch. Drum speed 60 or 120 RPM.

Power requirements: 110 VAC, 60 Hz, single phase.

Size: 34-5/8 in. high, 17-13/16 in. wide, 12-1/4 in. deep.

Manufacturer: Westrex Corp.

SECTION II.**Description of Facsimile Equipment (Under-Development)****AN/UXC-4() (V)****Facsimile Set**

Will provide user with a facsimile communications facility that can be configured for rapid and encrypted transmission and/or reception of low resolution black and white and/or limited gray scale graphical material. Material to be transmitted and reproduced will include typewritten and handwritten documents, fingerprint records, maps, charts, operations overlays, sketches and low resolution photographs. May be used on existing radio and landline circuits having data rates of 1.2 to 32.0 KBPS.

100 or 200 scan LPI, selectable resolutions; 2 to 16 gray shades, selectable; digital signaling at 1.2 to 32 KBPS externally clockable; data compression up to 5:1; oper power requirements: full duplex operation may require a max of 480 watts from any one of following sources: 28 (+4 or -8) VDC, 115 VAC \pm 10%, 1 phase, 50/60/400 Hz \pm 5%, 208 VAC \pm 10%, 1 phase, 50/60/400 Hz + 5%, or 230 VAC \pm 10%, 1 phase, 50/60/400 Hz \pm 5%. Transceiver 3.5 cu. ft., 80 lbs. max.; rack, bench and vehicle mounted; multi-platform installation including: land - fixed and mobile; sea - surface and subsurface craft; air - fixed wing and helicopter.

NOTE: Similar to Alden 919PN9165 and AN/UXH-2 but not electrically, mechanically, functionally interchangeable; solid state design employing electronic scanning, digital signaling and data compression techniques; capable of much higher operating speeds and greater resolution and gray scale rendition than existing military FAX equipment.

This equipment is being developed as part of the Tri-Tac Tactical Communication System.

3-9/3-10 Blank

SECTION III.

Logistic Support Information for Facsimile Equipment

AN/GXT-2	NSN	5815-00-058-1204
	TM	0967-LP-291-9010
	APL	55798200 dtd 4/71
	MIP	C-582/1-96
	ICD	None
AN/TXC-1B	NSN	-
	TM	-
	APL	58064502 dtd 5/57
	MIP	Not Assigned
	ICD	RE-F2692337D Interconnecting Wiring Diagram
AN/TXC-1C	NSN	-
	TM	-
	APL	-
	MIP	-
	ICD	None
AN/UXC-4() (V)	NSN	-
	TM	-
	APL	Not Assigned
	MIP	Not Assigned
	ICD	None
AN/UXH-2B	NSN	5815-00-908-6477
	TM	0967-LP-158-6010
	APL	58724801 dtd 9/71
	MIP	C222/2-55
	ICD	None
AN/UXH-2C	NSN	5815-00-883-8857
	TM	0967-LP-287-9010
	APL	58724803 dtd 5/69
	MIP	C222/2-55
	ICD	RE-B2698233A Data List RE-D2698234B Block Diagram RE-A2698235B Cable Running Sheets RE-C2698236B Installation Matl. List RE-E2698237B Outline Mounting, Data RE-D2698238B Input/Output Sheets
CV-172A/U	NSN	5815-00-505-0888
	TM	0967-LP-050-2030 Maint. Std. Book
	APL	62710000 dtd 9/65
	MIP	C93/1-A3
	ICD	RE-F2692317A Outline Mounting Data and External Connections RE-F2692324B Interconnecting Wiring Diagram

Logistic Support Information for Facsimile Equipment-Continued

CV-1066/UX	NSN	5815-00-448-7193
	TM	-
	APL	62766600 dtd 8/67
	MIP	C165/1-85
	ICD	None
CV-1066A/UX	NSN	5815-00-908-6474
	TM	0967-LP-050-2030 Maint. Std. Book
	APL	62766601 dtd 11/68
	MIP	C165/1-85
	ICD	None
CV-1066B/UX	NSN	5815-00-883-8856
	TM	0967-LP-871-5230
	APL	62766602 dtd 7/69
	MIP	C165/2-31
	ICD	RE-B2698239A Data List
		RE-D2698240B Block Diagram
RE-A2698241B Cable Running Sheets		
RE-C2698242B Installation Matl. List		
	RE-E2698243B Outline Mounting Data	
	RE-D2698244A Input/Output Sheets	
CV-2979/UX	NSN	-
	TM	0967-LP-433-6010
	APL	62766738
	MIP	C446/1-86
	ICD	None
KY-44C/FX	NSN	5815-00-643-2883
	TM	0280-LP-142-2000
	APL	71931809 dtd 9/56
	MIP	Not Assigned
	ICD	RE-F2681212A Outline Mounting and External Connections
RE-F2692336D Interconnecting Wiring Diagram		
MD-168A/UX	NSN	5815-00-999-2666
	TM	0967-LP-204-4010
	APL	73437101 dtd 4/68
	MIP	C224/2-55
	ICD	RE-B2696223A Data List
		RE-C2696224A Cable Running Sheets
		RE-D2696225A Interconnecting Cable Diagram
RE-D2696226A Block Diagram		
RE-C2696229A Installation Matl. List		
	RE-D2696231A Outline Mounting Data	

Logistic Support Information for Facsimile Equipment-Continued

MD-880/UJX	NSN	-
	TM	0967-LP-433-5010
	APL	73474510
	MIP	Not Assigned
	ICD	None
RD-92A/UJX	NSN	5815-00-665-3146
	TM	0967-LP-090-0010
	APL	81679401 dtd 11/65
	MIP	C88/1-45
	ICD	RE-F2692319B Outline Mounting and External Connections RE-F2692337D Interconnecting Wiring Diagram
RO-160/UJX	NSN	5815-00-448-7198
	TM	-
	APL	83306000 dtd 12/61
	MIP	C174/1-98
	ICD	None
RO-171/UJX	NSN	5815-00-893-0231
	TM	-
	APL	83307100 dtd 12/61
	MIP	Not Assigned
	ICD	None
RO-172/UJX	NSN	5815-00-893-0232
	TM	0967-LP-090-0010
	APL	83307200 dtd 12/61
	MIP	C174/1-98
	ICD	None
TT-41B/TXC-1B	NSN	5815-00-642-8046
	TM	0280-LP-142-0000 0967-LP-967-6010
	APL	92819605 dtd 9/56
	MIP	C451/1-A3
	ICD	RE-D26992315B Outline Mounting and External Connections
TT-66A/TXC	NSN	-
	TM	0280-LP-200-3000
	APL	92822101 dtd 8/58
	MIP	Not Assigned
	ICD	RE-D2692396A Outline and Mounting Data

Logistic Support Information for Facsimile Equipment-Continued

TT-321A/UX

NSN 5815-00-926-0202
TM 0967-LP-284-9010
APL 92848601 dtd 5/67
MIP C181/1-25
ICD RE-C2696224A Cable Running Sheets
RE-D2696225A Interconnecting Cable Diagram
RE-D2696227A Block Diagram
RE-D2696230A Installation Material List
RE-E2696233A Outline Mounting Data
RE-B2696234A Data List

CHAPTER 4

SECTION I. Description of Meterological Equipment

All Meterological Equipment utilized within the Navy is under the cognizance of the Commander, Naval Air Systems Command (AIR-05F) in accordance with NAVMATINST 5430.42.

In this regard, NAVAIR and the Navy Aviation Supply Office have cognizance of all such material and ASO publishes an index for meterological equipment. That index (list), contained in List of Navy Aviation Meterological Equipments E0066, MILSTRIP Order No. 0533-400-0066 may be ordered through normal MILSTRIP procedures.

The following teletypewriter equipment described in Chapter 1 have weather character arrangements.

AN/FGC-21	Model 28 Automatic Send-Receive Page Printer Set.
AN/FGC-21X	Model 28 Automatic Send-Receive Page Printer Set.
AN/FGC-96A	Model 28 Multiple Page Printer Monitor Console Set.
AN/UGC-7	Model 28 Automatic Send-Receive Page Printer Set.
AN/UGC-7X	Model 28 Automatic Send-Receive Page Printer Set.
AN/UGC-8	Model 28 Automatic Send-Receive Page Printer Set.
AN/UGC-8A	Model 28 Automatic Send-Receive Page Printer Set.
AN/UGC-8AX	Model 28 Automatic Send-Receive Page Printer Set.
AN/UGC-8B	Model 28 Automatic Send-Receive Page Printer Set.
AN/UGC-8X	Model 28 Automatic Send-Receive Page Printer Set.
AN/UGC-18	Model 28 Automatic Send-Receive Page Printer Set.
AN/UGC-34	Model 28 Keyboard Send-Receive Set (Rack Mounted).
AN/UGC-35	Model 28 Automatic Send-Receive Page Printer Set.
AN/UGC-37	Model 28 Automatic Send-Receive Page Printer Set.
AN/UGC-43	Model 28 Keyboard Send-Receive Set (Compact Model).
AN/UGC-44	Model 28 Automatic Send-Receive Page Printer Set.
AN/UGC-62	Model 28 Automatic Send-Receive Page Printer Set.
AN/UGC-91	Model 28 Low Level Keyboard Send-Receive Printer Set (Compact Model).
AN/UGC-106	Model 28 Keyboard Send-Receive Page Printer Set.
AN/UGR-3	Model 28 Receive-Only Page Printer Set.
AN/UGR-4	Model 28 Receive-Only Page Printer Set (Compact Model).
AN/UGR-16	Model 28 Low Level Receive-Only Page Printer Set (Compact Model).
TT-128/UG	Model 28 Keyboard Send-Receive Page Printer Set.
TT-128A/UG	Model 28 Keyboard Send-Receive Page Printer Set.
TT-128B/UG	Model 28 Keyboard Send-Receive Page Printer Set.

Description of Meterological Equipment-Continued

TT-128C/UG	Model 28 Keyboard Send-Receive Page Printer Set.
TT-129/UG	Model 28 Keyboard Send-Receive Page Printer Set.
TT-129A/UG	Model 28 Keyboard Send-Receive Page Printer Set.
TT-130/UG	Model 28 Keyboard Send-Receive Page Printer Set.
TT-130A/UG	Model 28 Keyboard Send-Receive Page Printer Set.
TT-130B/UG	Model 28 Keyboard Send-Receive Page Printer Set.
TT-130C/UG	Model 28 Keyboard Send-Receive Page Printer Set.
TT-131/UG	Model 28 Keyboard Send-Receive Page Printer Set.
TT-131A/UG	Model 28 Keyboard Send-Receive Page Printer Set.

CHAPTER 5

SECTION I.

Description of Communication Systems (Manual)

Manual communication systems are described in detail in Naval Telecommunications Procedures Fleet Communications NTP 4 and in Volume 1 and 2 of Afloat Communication Systems Criteria Handbook NAVSHIPS 0967-LP-301-7010 and 0967-LP-301-7020.

These include:

- Fleet Multichannel Broadcast "N" system. See NAVELEX 0967-LP-544-3010
- Single channel radio teletypewriter, Submarine and Composit Broadcasts
- Facsimile broadcast
- Special broadcasts
- Ship/Shore systems
- Ship/Ship systems

Table 5-1 lists configurations for these circuit terminations.

Table 5-1. Configuration Designations for Circuit Terminals

CONFIGURATION	CHARACTERISTICS
B	Single Channel Teletypewriter, Secure, Simplex, (AFTS)
C	Single Channel Teletypewriter, Secure, Duplex, (AFTS)
D	Single Channel Teletypewriter, Secure, Simplex (RFCS)
G	Single Channel Teletypewriter, Secure, Duplex (RFCS)
H	Digital Data Terminal, Secure
I	Teletypewriter Tape Production Subsystem
K	Single Channel Teletypewriter, Secure Half Duplex, (Receive), (RFCS)
M	Single Channel Teletypewriter, Secure, Half Duplex (Receive), (RFCS)
N	Multi-Channel Teletypewriter, Secure, Half Duplex (Receive), (AFTS)
N _T	Multi-Channel Teletypewriter, Secure, Half Duplex (Transmit), (AFTS)
O	Message Processing and Distribution System (MPDS), On Line, Automatic
O-1	Message Processing and Distribution System (MPDS), Off Line, Automatic
O-2	Message Processing and Distribution System (MMPDS), Off Line, Manual
P	Multi-Channel Teletypewriter, Secure, Duplex, (AFTS)
Q	Two Channel Teletypewriter, Secure, Half Duplex (Receive), (MSK), VLF
V	Single Channel Teletypewriter, Non Secure, Duplex/Half Duplex, (RFCS)
VV	Single Channel Teletypewriter, Non Secure, Simplex, (AFTS)

Table 5-1. Configuration Designations for Circuit Terminals-Continued

CONFIGURATION	CHARACTERISTICS
X	Off Line Cryptographic System
Z	Single Channel Facsimile, Secure, Duplex/Half Duplex
ZZ	Single Channel Facsimile, Secure, Simplex
LK 14	Single Channel Teletypewriter, Secure, Half Duplex (Transmit)
LK 11	Digital Data, Secure, Simplex
LK 4	Digital Data, Non Secure, Half Duplex/Simplex

SECTION II.

Description of Communication Systems (Automated)

This section will give an overview only of automated systems. Refer to the pertinent publications for detailed information.

Naval Communication Processing and Routing System (NAVCOMPARS)

The NAVCOMPARS was designed as a multi-installation system to be installed at Naval Communication Station NORFOLK, GUAM, HONOLULU and ITALY. It is a fully automated system designed to eliminate manual message processing functions, improve delivery time, reduce supervisor and other manpower requirements, obtain a timely exchange of information critical to the command and control of forces afloat through the automation of message processing functions. In addition it will provide forces afloat with common ship-shore-ship communication procedures regardless of geographical location.

The system provides an online interface to the following areas/devices accepting traffic for processing within the NAVCOMMSTA:

- AUTODIN Switching Center
- Online dedicated full period channels
- Off-line dedicated full period channels
- High-speed paper tape reader
- Optical Character Reader (OCR)
- Video Data Terminals (VDT)
- Card Reader
- Magnetic Tape

There are six subsystems to NAVCOMPARS which perform the general functions of input processing, message validation and routing, output processing, and background support processing. They are:

- Receive Control Subsystem
- AUTODIN Control Subsystem
- Message Processing Subsystem
- Transmit Processing Subsystem
- Transmission Control Subsystem
- Support Programs Subsystem

NAVCOMPARS interfaces the Message Center, AUTODIN Center, Service Center and Fleet Center at each NAVCOMMSTA.

Naval Modular Automated Communications System (NAVMACS)

NAVMACS operates as part of the total Naval Communications System. It specifically provides for the fleet incorporation of automatic message processing and distribution functions. Design concepts introduce a group of functionally modular hardware and software packages that can be assembled as building blocks to provide a variety of systems with selected degrees of automated capabilities. The

Description of Communication Systems (Automated)-Continued

modular approach enables the deployment of selected operational capabilities with-out the necessity of installing total packages.

The following system concepts, currently under development, will be incorporated into the NAVMACS program:

- General Address Reading/Device (GARD)
- Small Ship Teletypewriter Information Exchange/System (SSTIXS)
- Common User Digital Information Exchange System (CUDIXS)
- Small Ship Message Processing System (SSMPS)
- Message Processing and Distribution System (MPDS)

The NAVMACS objective is to automate communications functions within current technology, while providing the capability of transitioning to the automated system defined in the goal. To meet this objective, the following functions have been identified for automation:

- Message Processing
- Switching
- Information Transfer
- Physical Reproduction and Distribution

NAVMACS will be capable of interface with the following categories of systems during normal, degraded or special operations:

- Fleet Satellite Communication System (SHIP/SHORE)
- Fleet Satellite Broadcast (FSB)
- SHIP/SHORE Conventional Radio Frequency Carrier Shift (RFCS) or Audio Tone Shift (AFTS)
- Fleet Single and Multi-Channel Broadcast (Conventional RF)
- SHIP/SHIP Task Force, Task Group, Replenishment, etc.

Six classes, designated (A), (A+), (B), (C), (D) and (E), provide a range of services designed to satisfy the requirements of all ships. Each successive class of service provides increased capability over the previous class. In each case, by the addition of hardware and software modules to the previous class, the new level of service is attained.

The system provides the capability, either automatically or through manual switching, to accommodate contingency conditions by reversion to manual operation methods.

SYSTEM (A)

The NAVMACS (A) system provides the capability of automated on-line screening of fleet broadcast reception. Current methods, which necessitate multi-channel message screening and route evaluation by circuit operators and inrouter, will be streamlined and economized through the interposition of the NAVMACS AN/UYK-20 computer. Its functions will eliminate all but operator monitoring of message accountability from most of these manual method efforts. This will be accomplished

Description of Communication Systems (Automated)-Continued

through the automatic detection analysis and screening of incoming message broadcast traffic which determines the output printing requirements. Messages addressed to the Command/Activity will be fully printed, while non-address messages will print the message heading only. The (A) system also has the capability for various processing options when broadcast pilots are received, and can provide a limited storage capacity to permit output halts and retrieval capability.

CAPABILITY

Will automate certain manual functions required for the receipt, processing and delivery of narrative message traffic transmitted over Navy broadcast channels and destined for afloat Navy commands.

- Automatic broadcast screening
- Interface with up to four broadcast channels
- Processes 1200 messages per 24-hour period
- Limited storage capability for operator use

APPLICABILITY

Designed for employment aboard smaller vessels which employ the broadcast method as a primary means of message receipt and do not have message traffic loads that warrant full-period point-to-point, dedicated communications channels.

Applicable ship types: ARS, ATF, ATS, MSC, MSO, PG.

INTERFACE

Capable of interface with the Fleet Broadcast systems.

- Fleet Satellite Broadcast (FSB)
- Fleet Multi-channel Broadcast
- Fleet Single-channel Broadcast

SYSTEM (A+)

This system provides all the capabilities of the (A) system, plus the functions of the Small Ship Teletypewriter Information Exchange System (SSTIXS). The (A+) system, like its predecessor, upgrades current manual methods through automated on-line address screening of broadcast message traffic. At the same time, with the addition of SSTIXS, it provides the capability of high-speed message transmission as well as reception.

CAPABILITY

System (A+) possesses the capability of System (A), plus the following:

- High-speed narrative traffic transfer, ship-to-shore via satellite transmission media (SSTIXS)

Description of Communication Systems (Automated)-Continued

APPLICABILITY

Designed for employment aboard smaller vessels which employ the broadcast method as a primary means of message receipt and do not have message traffic loads that warrant full-period, point-to-point, dedicated communications channels.

Applicable ship types: PF's

INTERFACE

System (A+) has the following interface capabilities in addition to those of System (A):

- Fleet Satellite Communication System (SHIP/Shore) (SSTIXS) (narrative)

SYSTEM (B)

In addition to the capabilities of Systems (A) and (A+), the (B) system incorporates a message processing subsystem that automates many of the manual functions now required in the handling of both incoming and outgoing narrative messages. These functions include heading analysis, hard copy print-out, message storage and retrieval, message composition and editing, format and routing indicator assignment. A significant decrease in throughput times is realized through the addition of medium and high-speed output devices and automatic message entry devices. The automation of these functions allows faster processing times, a higher level of message security and substantial reduction of operator workload.

CAPABILITY

System (B) possesses the capabilities of System (A+), plus the following:

- Automatic processing of outgoing narrative messages, consisting of message composition and editing, format and routing indicator assignment.
- On-line direct access storage of three days' message traffic
- Decreased throughput times

APPLICABILITY

Designed for employment in the small/medium ship category where the message traffic load does not now, or in the foreseeable future, warrant full-period, point-to-point, dedicated communications channels.

Applicable ship types: AG, AGDE, AGP, ASR, CVT, DD(FRAM), DD, DDG, DE, LKA, LPA, LPD, LSD, LST

Description of Communication Systems (Automated)-Continued**INTERFACE**

System (B) has the interface capability of System (A+) in addition to the following:

SIMPLEX operation for SHIP/SHORE message traffic (Half Duplex for ship/shore/ship control functions) (manual interface)

SYSTEM (C)

This system employs all of the operating features of System (B).

CAPABILITY

System (C) possesses the capabilities of System (B), plus the following:

- .Processing, transmission and reception of data pattern traffic
- .Direct data pattern traffic entry and output to remote data terminals
- .Increased on-line direct access storage capacity
- .Increased processing capacity

APPLICABILITY

Designed for employment in the small/medium ship category, where message traffic load may not currently, or predictably, warrant full-period, point-to-point, dedicated communications channels.

Applicable ship types: AD, AE, AF, AFS, AO, AOE, AOR, AR and AS

INTERFACE

System (C) has the same interface characteristics as System (B).

SYSTEM (D)

System (D) employs all of the operating features of System (C), with the exception that remote narrative terminals are used in lieu of remote data terminals.

CAPABILITY

System (D) possesses the capabilities of System (C), plus the following:

- .Internal message routing and distribution
- .Message composition and entry from remote terminals
- .Increased on-line, direct access storage capacity
- .Increased processing capacity
- .Outgoing message back routing

Description of Communication Systems (Automated)-Continued**APPLICABILITY**

Designed for employment in the small flagship category.

Applicable ship types: DLG-16, DLGN, LPD(F), SCS

INTERFACE

The (D) system has the same interface capability as the (C) system, with the exception of the SHIP/SHORE (CUDIXS) concept which replaces (SSTIXS).

- Fleet Satellite Communications System (SHIP/SHORE) (CUDIXS)

SYSTEM (E)

System (E) employs all the operating features of System (D).

CAPABILITY

System (E) has the capabilities of System (D), plus the following:

- Processing, transmission and reception of data pattern traffic
- Direct data pattern traffic entry and output to remote data terminals
- Increased on-line, direct-access storage capacity
- Increased processing capacity

APPLICABILITY

Designed for employment in the large flagship category.

Applicable ship types: CG, CGN, CV, CVN, LCC, LHA, LPH

INTERFACE

System (E) has the interface capabilities of System (D).

Message Processing and Distribution System (MPDS)

This section serves as an introduction to the Message Processing and Distribution System (MPDS) and includes the information and overall description required for familiarization with the MPDS. This system is currently installed on CVAN-68 and scheduled for CVAN-69 and CVAN-70.

GENERAL DESCRIPTION

The MPDS is a shipboard on-line manually-supervised computer-oriented system designed to process, store, and internally distribute incoming and outgoing

Description of Communication Systems (Automated)-Continued

narrative communications traffic with a minimum of handling by communications center personnel.

The system consists of a central message processing and storage facility and up to 24 user terminals. The processing and storage facilities are located in the communications center while the user terminals, other than those used for control and monitor, are located in principal on-ship operating stations and offices.

The system provides an automated means of screening all incoming messages and distributing those of interest to the ship. It also automatically maintains all records of incoming and outgoing messages-normally handled by the communications center personnel.

The system equipment consists of a three-computer central processor group (CPG), an interconnection facility, a mass storage system including a four-drive magnetic disk unit, two magnetic drum units, and two-drive magnetic tape unit, and the user terminals. There is also a three-position control console (containing three receive/transmit user terminals and teleprinters, three paper tape equipment units, and a utility teleprinter) that serves as a man-machine interface for supervisory purposes.

The interconnection facility serves as the input and output switching mechanism to and from the central processor group. The system can handle incoming and outgoing message for up to 21 transmit and receive communications channels. Incoming messages are switched by the interconnection facility into the central processor group where they are stored as raw data simultaneously on two different mass storage devices consisting of one of the magnetic drum units and the magnetic disk. When the system detects the end of a message, it reassembles the message and screens the message header for addressees of interest. If the message is not addressed to any addressees contained on a stored GARD list, which contains all addressees of current interest to the ship, or on a stored PROTECT list, which contains addresses for which the ship is currently assigned relay responsibility, the message is withdrawn from further processing. Messages dropped from further processing after screening are logged and stored on magnetic tape. This action removes the message from rapid access mass storage. If the message is not dropped, it is assigned a system message number and retained for normal processing.

Outgoing message traffic is handled in much the same manner as incoming traffic. Interterminal coordination and release authorization routing is handled by the system, and when the message is released, the system automatically formats the message and switches it to the correct outgoing channel.

Security provisions are in accordance with NAVSHIPS Instruction 05510.33. The security classification of all messages processed by the MPDS is identified and appropriate procedures are used in storage, handling, and distribution. These procedures are designed to properly handle EFTO, Confidential, Secret, Top Secret, SPECAT, and LIMDIS messages in the message center, at the communications channel terminations, and at designated user terminals without risk of compromise. User terminal security is provided by assigning each user terminal a maximum security level. Messages routed for delivery to a terminal having a security classification that is less than the message security level are sent to the control console

Description of Communication Systems (Automated)-Continued

by the system. When such an occasion arises, a control console operator determines the proper action to be taken to effect delivery.

The control console operators also perform such functions as system start-up and control, message header correction, alternate message routing, and other required monitoring and control tasks.

The MPDS is designed to relieve the communications center personnel of the most time-consuming tasks involved with message traffic handling by providing automatic screening, logging, distribution, and recovery of messages of interest to on-board addressees. By providing these services, the MPDS allows a greater quantity of message traffic to be handled and requires fewer communications center personnel.

The functions and services performed by the system fall into the following general categories: * Receive messages on-line from up to 21 communications channels.

Perform format validity checks for valid messages and detect heading errors and suspected duplicate messages.

Report errors and rejection conditions and receive and respond to control console operator inputs for corrective action.

Screen messages for addressees of interest to the ship or which require relay to other ships.

Establish and manage message files for subsequent message retrieval.

Maintain systematic logs and journals of all traffic and significant control events.

Distribute messages according to stored routing guide indexed to standard subject indicator code (SSIC) on an expedient basis to user terminals serving on-board action and information addressees.

Accept messages and service requests generated by user terminal operators.

Provide for message release coordination and authorization.

Properly format and transmit messages over communications channels.

TELETYPEWRITER BACKUP SYSTEM

The teletypewriter backup equipment consists of the standard teletypewriter equipment normally connected on-line as the on-ship radio frequency communication system terminal equipment. This equipment consists primarily of page printers, transmitter-distributors, and printer reperforators. Connections are provided by the interconnection facility manual switching matrix by individual manual switches which are used to connect the backup equipment to a receiving communication channel.

CHAPTER 6
SECTION I.

List of High-Level Teletypewriter Equipment Documentation

AN/FGC-74	0967-LP-105-7010 0967-LP-105-7020 0967-LP-323-3100(TTY BUL 295B)
AN/FGC-79, 79A	0967-LP-105-7010 0967-LP-173-7010(TTY BUL 311B Vol 1) 0967-LP-173-7020(TTY BUL 311B Vol 2) 0967-LP-323-3100(TTY BUL 295B)
AN/FGC-100	0967-LP-173-7010(TTY BUL 311B Vol 1) 0967-LP-173-7020(TTY BUL 311B Vol 2) 0967-LP-323-3100(TTY BUL 295B)
AN/FGC-101	0967-LP-173-7010(TTY BUL 311B Vol 1) 0967-LP-173-7020(TTY BUL 311B Vol 2) 0967-LP-323-3100(TTY BUL 295B)
AN/FGR-5A AN/GGR-2, 2A, 2X	0967-LP-980-3010(TTY BUL 275B Vol 1) 0967-LP-980-3020(TTY BUL 275B Vol 2) 0967-LP-375-6030(TTY BUL 326B Vol 3) 0967-LP-323-3100(TTY BUL 295B)
AN/FGR-8	0367-LP-142-0010(TTY BUL 271B Vol 1) 0367-LP-142-0020(TTY BUL 271B Vol 2) 0367-LP-142-0030(TTY BUL 271B Vol 3) 0967-LP-323-3100(TTY BUL 295B)
AN/FGT- 4	0967-LP-980-3010(TTY BUL 275B Vol 1) 0967-LP-980-3020(TTY BUL 275B Vol 2) 0967-LP-375-6030(TTY BUL 326B Vol 3) 0967-LP-323-3100(TTY BUL 295B)
AN/FGT-5	0967-LP-173-8010(TTY BUL 321B Vol 1) 0967-LP-173-8020(TTY BUL 321B Vol 2) 0967-LP-323-3100(TTY BUL 295B)
AN/UGC-5 Series	0967-LP-173-6010(TTY BUL 312B Vol 1) 0967-LP-173-6020(TTY BUL 312B Vol 2) 0967-LP-173-6030(TTY BUL 312B Vol 3) 0967-LP-173-6060 0967-LP-323-3100(TTY BUL 295B)
AN/UGC-6 Series	0967-LP-173-6010(TTY BUL 312B Vol 1) 0967-LP-173-6020(TTY BUL 312B Vol 2) 0967-LP-173-6030(TTY BUL 312B Vol 3) 0967-LP-173-6060 0967-LP-323-3100(TTY BUL 295B)

List of High-Level Teletypewriter Equipment Documentation-Continued

AN/UGC-7	0967-LP-173-6010(TTY BUL 312B Vol 1) 0967-LP-173-6020(TTY BUL 312B Vol 2) 0967-LP-173-6030(TTY BUL 312B Vol 3) 0967-LP-323-3100(TTY BUL 295B)
AN/UGC-8, 8A	0967-LP-173-6010(TTY BUL 312B Vol 1) 0967-LP-173-6020(TTY BUL 312B Vol 2) 0967-LP-173-6030(TTY BUL 312B Vol 3) 0967-LP-323-3100(TTY BUL 295B)
AN/UGC-13, 13(MOD)	0967-LP-076-7010 0967-LP-972-7010(TTY BUL 270B Vol 1) 0967-LP-972-7020(TTY BUL 270B Vol 2) 0967-LP-972-7030(TTY BUL 270B Vol 3) 0967-LP-323-3100(TTY BUL 295B)
AN/UGC-20, 20A, 25, 25A	0967-LP-613-5010
AN/UGC-20B	0967-LP-170-4010
AN/UGC-34	0967-LP-173-7010(TTY BUL 311B Vol 1) 0967-LP-173-7020(TTY BUL 311B Vol 2) 0967-LP-323-3100(TTY BUL 295B)
AN/UGC-43	0967-LP-059-9010(TTY BUL 284B) 0967-LP-059-9020(TTY BUL 1197B) 0967-LP-323-3100(TTY BUL 295B)
AN/UGC-59, 59A	TTY BULLETIN 280B Vol 1 TTY BULLETIN 280B Vol 2 0967-LP-323-3100(TTY BUL 295B) TTY BULLETIN 1187B
AN/UGC-65	0967-LP-980-3010(TTY BUL 275B Vol 1) 0967-LP-980-3020(TTY BUL 275B Vol 2) 0967-LP-375-6030(TTY BUL 326B Vol 3) 0967-LP-323-3100(TTY BUL 295B)
AN/UGC-79	0967-LP-323-3070(TTY BUL 281B Vol 1) 0967-LP-323-3080(TTY BUL 281B Vol 2) 0967-LP-323-3100(TTY BUL 295B) 0967-LP-323-3090(TTY BUL 1201B)
AN/UGR-1, 1A AN/UGR-4	0967-LP-059-9010(TTY BUL 284B) 0967-LP-059-9020(TTY BUL 1197B) 0967-LP-323-3100(TTY BUL 295B)

List of High-Level Teletypewriter Equipment Documentation-Continued

AN/UGR-19	0967-LP-980-3010(TTY BUL 275B Vol 1)
AN/UGR-20	0967-LP-980-3020(TTY BUL 275B Vol 2)
	0967-LP-375-6030(TTY BUL 326B Vol 3)
	0967-LP-323-3100(TTY BUL 295B)
AN/UGT-8	0967-LP-980-3010(TTY BUL 275B Vol 1)
	0967-LP-980-3020(TTY BUL 275B Vol 2)
	0967-LP-375-6030(TTY BUL 326B Vol 3)
	0967-LP-323-3100(TTY BUL 295B)
TT-47/UG Series	0967-LP-109-4020
TT-48/UG Series	0967-LP-173-7010(TTY BUL 311B Vol 1)
TT-69/UG Series	0967-LP-173-7020(TTY BUL 311B Vol 2)
	0967-LP-323-3100(TTY BUL 295B)
TT-70/UG Series	0967-LP-173-7010(TTY BUL 311B Vol 1)
	0967-LP-173-7020(TTY BUL 311B Vol 2)
	0967-LP-323-3100(TTY BUL 295B)
TT-128A/UG	0967-LP-173-7010(TTY BUL 311B Vol 1)
TT-128B/UG	0967-LP-173-7020(TTY BUL 311B Vol 2)
	0967-LP-323-3100(TTY BUL 295B)
TT-130C/UG	0967-LP-173-7010(TTY BUL 311B Vol 1)
	0967-LP-173-7020(TTY BUL 311B Vol 2)
	0967-LP-323-3100(TTY BUL 295B)
TT-171C/UG	0967-LP-173-7010(TTY BUL 311B Vol 1)
	0967-LP-173-7020(TTY BUL 311B Vol 2)
	0967-LP-323-3100(TTY BUL 295B)
TT-176A/UG, 176B, 176C	0967-LP-173-7010(TTY BUL 311B Vol 1)
	0967-LP-173-7020(TTY BUL 311B Vol 2)
	0967-LP-323-3100(TTY BUL 295B)
TT-187/UG Series	0967-LP-165-3010
TT-192/UG, 192A, 192B	0967-LP-173-9010(TTY BUL 322B Vol 1)
	0967-LP-173-9020(TTY BUL 322B Vol 2)
	0967-LP-968-3020
	0967-LP-323-3100(TTY BUL 295B)
TT-234/SGA-3	0967-LP-109-4040
	0967-LP-173-7010(TTY BUL 311B Vol 1)
	0967-LP-173-7020(TTY BUL 311B Vol 2)
	0967-LP-323-3100(TTY BUL 295B)
TT-253/UG Series	0967-LP-173-9010(TTY BUL 322B Vol 1)
	0967-LP-173-9020(TTY BUL 322B Vol 2)
	0967-LP-968-3020
	0967-LP-323-3100(TTY BUL 295B)

List of High-Level Teletypewriter Equipment Documentation-Continued

TT-261/UG, 261B	0967-LP-173-7010(TTY BUL 311B Vol 1) 0967-LP-173-7020(TTY BUL 311B Vol 2) 0967-LP-323-3100(TTY BUL 295B)
TT-273A/UG	0967-LP-173-8010(TTY BUL 321B Vol 1) 0967-LP-173-8020(TTY BUL 321B Vol 2) 0967-LP-323-3100(TTY BUL 295B)
TT-274/UG, 274A, 274B	0967-LP-173-9010(TTY BUL 322B Vol 1) 0967-LP-173-9020(TTY BUL 322B Vol 2) 0967-LP-323-3100(TTY BUL 295B)
TT-283/UG, 283A	0967-LP-173-7010(TTY BUL 311B Vol 1) 0967-LP-173-7020(TTY BUL 311B Vol 2) 0967-LP-323-3100(TTY BUL 295B)
TT-292/UG, 292A	0967-LP-173-9010(TTY BUL 322B Vol 1) 0967-LP-173-9020(TTY BUL 322B Vol 2) 0967-LP-323-3100(TTY BUL 295B)
TT-298/UG, 298A, 298B	0967-LP-066-1010 0967-LP-066-1020
TT-299/UG, 299A, 299B	0967-LP-066-1010 0967-LP-066-1020
TT-306/UG, 306A, 306B	0967-LP-972-7010(TTY BUL 270B Vol 1) 0967-LP-972-7020(TTY BUL 270B Vol 2) 0967-LP-972-7030(TTY BUL 270B Vol 3) 0967-LP-323-3100(TTY BUL 295B)
TT-307/UG, 307A, 307B	0967-LP-972-7010(TTY BUL 270B Vol 1) 0967-LP-972-7020(TTY BUL 270B Vol 2) 0967-LP-972-7030(TTY BUL 270B Vol 3) 0967-LP-323-3100(TTY BUL 295B)
TT-308/UG, TT-308X/UG	0367-LP-142-0010(TTY BUL 271B Vol 1) 0367-LP-142-0020(TTY BUL 271B Vol 2) 0367-LP-142-0030(TTY BUL 271B Vol 3) 0967-LP-323-3100(TTY BUL 295B)
TT-309/UG	0367-LP-142-0010(TTY BUL 271B Vol 1) 0367-LP-142-0020(TTY BUL 271B Vol 2) 0367-LP-142-0030(TTY BUL 271B Vol 3) 0967-LP-323-3100(TTY BUL 295B)
TT-310/UG, TT-310A/UG	0367-LP-142-0010(TTY BUL 271B Vol 1) 0367-LP-142-0020(TTY BUL 271B Vol 2) 0367-LP-142-0030(TTY BUL 271B Vol 3) 0967-LP-323-3100(TTY BUL 295B)

List of High-Level Teletypewriter Equipment Documentation-Continued

TT-329/UG	0967-LP-323-3050(TTY BUL 215B) 0967-LP-323-3060(TTY BUL 1154B) 0967-LP-323-3100(TTY BUL 295B)
TT-331A/UG	0967-LP-980-3010(TTY BUL 275B Vol 1) 0967-LP-980-3020(TTY BUL 275B Vol 2) 0967-LP-375-6030(TTY BUL 326B Vol 3) 0967-LP-323-3100(TTY BUL 295B)
TT-332A/UG	0967-LP-980-3010(TTY BUL 275B Vol 1) 0967-LP-980-3020(TTY BUL 275B Vol 2) 0967-LP-375-6030(TTY BUL 326B Vol 3) 0967-LP-323-3100(TTY BUL 295B)
TT-333A/UG	0967-LP-980-3010(TTY BUL 275B Vol 1) 0967-LP-980-3020(TTY BUL 275B Vol 2) 0967-LP-375-6030(TTY BUL 326B Vol 3) 0967-LP-323-3100(TTY BUL 295B)
TT-403A/UG	0967-LP-980-3010(TTY BUL 275B Vol 1) 0967-LP-980-3020(TTY BUL 275B Vol 2) 0967-LP-375-6030(TTY BUL 326B Vol 3) 0967-LP-323-3100(TTY BUL 295B)
TT-404A/UG	0967-LP-980-3010(TTY BUL 275B Vol 1) 0967-LP-980-3020(TTY BUL 275B Vol 2) 0967-LP-375-6030(TTY BUL 326B Vol 3) 0967-LP-323-3100(TTY BUL 295B)
TT-405A/UG	0967-LP-980-3010(TTY BUL 275B Vol 1) 0967-LP-980-3020(TTY BUL 275B Vol 2) 0967-LP-375-6030(TTY BUL 326B Vol 3) 0967-LP-323-3100(TTY BUL 295B)
TT-461A/UG	0967-LP-980-3010(TTY BUL 275B Vol 1) 0967-LP-980-3020(TTY BUL 275B Vol 2) 0967-LP-375-6030(TTY BUL 326B Vol 3) 0967-LP-323-3100(TTY BUL 295B)
TT-462A/UG	0967-LP-980-3010(TTY BUL 275B Vol 1) 0967-LP-980-3020(TTY BUL 275B Vol 2) 0967-LP-375-6030(TTY BUL 326B Vol 3) 0967-LP-323-3100(TTY BUL 295B)
TT-509/UG	0967-LP-323-3050(TTY BUL 215B) 0967-LP-323-3060(TTY BUL 1154B) 0967-LP-323-3100(TTY BUL 295B)

List of High-Level Teletypewriter Equipment Documentation-Continued

TT-515/UYK

0967-LP-059-5050

TT-556/UG

0367-LP-142-0010(TTY BUL 271B Vol 1)

0367-LP-142-0020(TTY BUL 271B Vol 2)

0367-LP-142-0030(TTY BUL 271B Vol 3)

0967-LP-323-3100(TTY BUL 295B)

SECTION II.

List of low-level Teletypewriter Equipment Documentation

AN/UGC-47	0967-LP-173-7010(TTY BUL 311B Vol 1) 0967-LP-173-7020(TTY BUL 311B Vol 2) 0967-LP-173-7030(TTY BUL 311B/RF Vol 3) 0967-LP-173-7040(TTY BUL 311B/RF Vol 4) 0967-LP-323-3100(TTY BUL 295B)
AN/UGC-48 AN/UGC-48A AN/UGC-48BY	0967-LP-173-6010(TTY BUL 312B Vol 1) 0967-LP-173-6020(TTY BUL 312B Vol 2) 0967-LP-173-6030(TTY BUL 312B Vol 3) 0967-LP-173-6040(TTY BUL 312B/RF Vol 4) 0967-LP-173-6050(TTY BUL 312B/RF Vol 5) 0967-LP-323-3100(TTY BUL 295B)
AN/UGC-49	0967-LP-173-6040(TTY BUL 312B/RF Vol 4) 0967-LP-173-6050(TTY BUL 312B/RF Vol 5) 0967-LP-972-7010(TTY BUL 270B Vol 1) 0967-LP-972-7020(TTY BUL 270B Vol 2) 0967-LP-972-7030(TTY BUL 270B Vol 3) 0967-LP-323-3100(TTY BUL 295B)
AN/UGC-50 AN/UGC-50AY AN/UGC-50Y	0967-LP-173-7030(TTY BUL 311B/RF Vol 3) 0967-LP-173-7040(TTY BUL 311B/RF Vol 4) 0967-LP-972-7010(TTY BUL 270B Vol 1) 0967-LP-972-7020(TTY BUL 270B Vol 2) 0967-LP-972-7030(TTY BUL 270B Vol 3) 0967-LP-323-3100(TTY BUL 295B)
AN/UGC-51	0967-LP-173-7030(TTY BUL 311B/RF Vol 3) 0967-LP-173-7040(TTY BUL 311B/RF Vol 4) 0967-LP-972-7010(TTY BUL 270B Vol 1) 0967-LP-972-7020(TTY BUL 270B Vol 2) 0967-LP-972-7030(TTY BUL 270B Vol 3) 0967-LP-323-3100(TTY BUL 295B)
AN/UGC-54 AN/UGC-54B	0967-LP-173-6040(TTY BUL 312B/RF Vol 4) 0967-LP-173-6050(TTY BUL 312B/RF Vol 5) 0967-LP-972-7010(TTY BUL 270B Vol 1) 0967-LP-972-7020(TTY BUL 270B Vol 2) 0967-LP-972-7030(TTY BUL 270B Vol 3) 0967-LP-323-3100(TTY BUL 295B)
AN/UGC-55	0967-LP-173-7030(TTY BUL 311B/RF Vol 3) 0967-LP-173-7040(TTY BUL 311B/RF Vol 4) 0967-LP-972-7010(TTY BUL 270B Vol 1) 0967-LP-972-7020(TTY BUL 270B Vol 2) 0967-LP-972-7030(TTY BUL 270B Vol 3) 0967-LP-323-3100(TTY BUL 295B)

List of low-level Teletypewriter Equipment Documentation-Continued

AN/UGC-56	0967-LP-980-3010(TTY BUL 275B Vol 1) 0967-LP-980-3020(TTY BUL 275B Vol 2) 0967-LP-375-6030(TTY BUL 326B Vol 3) 0967-LP-375-6040(TTY BUL 326B/RF Vol 4) 0967-LP-375-6050(TTY BUL 326B/RF Vol 5) 0967-LP-323-3100(TTY BUL 295B)	
AN/UGC-57	0967-LP-173-6040(TTY BUL 312B/RF Vol 4) 0967-LP-173-6050(TTY BUL 312B/RF Vol 5) 0967-LP-972-7010(TTY BUL 270B Vol 1) 0967-LP-972-7020(TTY BUL 270B Vol 2) 0967-LP-972-7030(TTY BUL 270B Vol 3) 0967-LP-323-3100(TTY BUL 295B)	
AN/UGC-58	0967-LP-173-7030(TTY BUL 311B/RF Vol 3) 0967-LP-173-7040(TTY BUL 311B/RF Vol 4) 0967-LP-972-7010(TTY BUL 270B Vol 1) 0967-LP-972-7020(TTY BUL 270B Vol 2) 0967-LP-972-7030(TTY BUL 270B Vol 3) 0967-LP-323-3100(TTY BUL 295B)	
AN/UGC-60	0967-LP-173-7010(TTY BUL 311B Vol 1) 0967-LP-173-7020(TTY BUL 311B Vol 2) 0967-LP-173-7030(TTY BUL 311B/RF Vol 3) 0967-LP-173-7040(TTY BUL 311B/RF Vol 4) 0967-LP-323-3100(TTY BUL 295B)	F,
AN/UGC-61 AN/UGC-61A AN/UGC-61X AN/UGC-61Y	0967-LP-173-7010(TTY BUL 311B Vol 1) 0967-LP-173-7020(TTY BUL 311B Vol 2) 0967-LP-173-7030(TTY BUL 311B/RF Vol 3) 0967-LP-173-7040(TTY BUL 311B/RF Vol 4) 0967-LP-323-3100(TTY BUL 295B)	
AN/UGC-64	0967-LP-173-9010(TTY BUL 322B Vol 1) 0967-LP-173-9020(TTY BUL 322B Vol 2) 0967-LP-173-9030(TTY BUL 322B/RF Vol 3) 0967-LP-323-3100(TTY BUL 295B)	
AN/UGC-77	0967-LP-059-9010(TTY BUL 284B) 0967-LP-059-9020(TTY BUL 1197B) 0967-LP-059-9030(TTY BUL 284B/RF) 0967-LP-323-3100(TTY BUL 295B)	
AN/UGC-78	0967-LP-173-9010(TTY BUL 322B Vol 1) 0967-LP-173-9020(TTY BUL 322B Vol 2) 0967-LP-173-9030(TTY BUL 322B/RF Vol 3) 0967-LP-323-3100(TTY BUL 295B)	

List of Low-Level Teletypewriter Equipment Documentation-Continued

AN/UGC-88	0967-LP-428-5010(TTY BUL 338B/RF Vol 1)
AN/UGC-88A	0967-LP-428-5020(TTY BUL 338B/RF Vol 2)
AN/UGC-88B	0967-LP-428-5030(TTY BUL 338B/RF Vol 3) 0967-LP-428-5040(TTY BUL 338B/RF Vol 4) 0967-LP-323-3100(TTY BUL 295B)
AN/UGC-89	0967-LP-428-4010(TTY BUL 337B/RF Vol 1) 0967-LP-428-4020(TTY BUL 337B/RF Vol 2) 0967-LP-428-4030(TTY BUL 337B/RF Vol 3) 0967-LP-323-3100(TTY BUL 295B)
AN/UGC-90	0967-LP-173-6040(TTY BUL 312B/RF Vol 4) 0967-LP-173-6050(TTY BUL 312B/RF Vol 5) 0967-LP-972-7010(TTY BUL 270B Vol 1) 0967-LP-972-7020(TTY BUL 270B Vol 2) 0967-LP-972-7030(TTY BUL 270B Vol 3) 0967-LP-323-3100(TTY BUL 295B)
AN/UGC-91	0967-LP-059-9010(TTY BUL 284B) 0967-LP-059-9020(TTY BUL 1197B) 0967-LP-059-9030(TTY BUL 284B/RF) 0967-LP-323-3100(TTY BUL 295B)
AN/UGC-92	0967-LP-428-5010(TTY BUL 338B/RF Vol 1) 0967-LP-428-5020(TTY BUL 338B/RF Vol 2) 0967-LP-428-5030(TTY BUL 338B/RF Vol 3) 0967-LP-428-5040(TTY BUL 338B/RF Vol 4) 0967-LP-323-3100(TTY BUL 295B)
AN/UGC-93	0967-LP-428-4010(TTY BUL 337B/RF Vol 1) 0967-LP-428-4020(TTY BUL 337B/RF Vol 2) 0967-LP-428-4030(TTY BUL 337B/RF Vol 3) 0967-LP-428-4040(TTY BUL 337B/RF Vol 4) 0967-LP-323-3100(TTY BUL 295B)
AN/UGR-8	0967-LP-173-7010(TTY BUL 311B Vol 1) 0967-LP-173-7020(TTY BUL 311B Vol 2) 0967-LP-173-7030(TTY BUL 311B/RF Vol 3) 0967-LP-173-7040(TTY BUL 311B/RF Vol 4) 0967-LP-323-3100(TTY BUL 295B)
AN/UGR-9	0967-LP-059-9010(TTY BUL 284B) 0967-LP-059-9020(TTY BUL 1197B) 0967-LP-059-9030(TTY BUL 284B/RF) 0967-LP-323-3100(TTY 295B)
AN/UGR-10	0967-LP-173-7010(TTY BUL 311B Vol 1)
AN/UGR-10A	0967-LP-173-7020(TTY BUL 311B Vol 2) 0967-LP-173-7030(TTY BUL 311B/RF Vol 3) 0967-LP-173-7040(TTY BUL 311B/RF Vol 4) 0967-LP-323-3100(TTY BUL 295B)

List of Low-Level Teletypewriter Equipment Documentation-Continued

AN/UGR-11	0967-LP-980-3010(TTY BUL 275B Vol 1) 0967-LP-980-3020(TTY BUL 275B Vol 2) 0967-LP-375-6030(TTY BUL 326B Vol 3) 0967-LP-375-6040(TTY BUL 326B/RF Vol 4) 0967-LP-375-6050(TTY BUL 326B/RF Vol 5) 0967-LP-323-3100(TTY BUL 295B)
AN/UGR-12	0367-LP-142-0010(TTY BUL 271B Vol 1) 0367-LP-142-0020(TTY BUL 271B Vol 2) 0367-LP-142-0030(TTY BUL 271B Vol 3) 0967-LP-375-6040(TTY BUL 326B/RF Vol 4) 0967-LP-375-6050(TTY BUL 326B/RF Vol 5) 0967-LP-323-3100(TTY BUL 2958)
AN/UGR-13	0367-LP-142-0010(TTY BUL 271B Vol 1) 0367-LP-142-0020(TTY BUL 271B Vol 2) 0367-LP-142-0030(TTY BUL 271B Vol 3) 0967-LP-375-6040(TTY BUL 326B/RF Vol 4) 0967-LP-375-6050(TTY BUL 326B/RF Vol 5) 0967-LP-323-3100(TTY BUL 295B)
AN/UGR-16	0967-LP-059-9010(TTY BUL 284B) 0967-LP-059-9020(TTY BUL 1197B) 0967-LP-059-9030(TTY BUL 284B/RF) 0967-LP-323-3100(TTY BUL 295B)
AN/UGT-4, 4X	0367-LP-142-0010(TTY BUL 271B Vol 1) 0367-LP-142-0020(TTY BUL 271B Vol 2) 0367-LP-142-0030(TTY BUL 271B Vol 3) 0967-LP-375-6040(TTY BUL 326B/RF Vol 4) 0967-LP-375-6050(TTY BUL 326B/RF Vol 5) 0967-LP-323-3100(TTY BUL 295B)
AN/UGT-5	0967-LP-980-3010(TTY BUL 275B Vol 1) 0967-LP-980-3020(TTY BUL 275B Vol 2) 0967-LP-375-6030(TTY BUL 326B Vol 3) 0967-LP-375-6040(TTY BUL 326B/RF Vol 4) 0967-LP-375-6050(TTY BUL 326B/RF Vol 5) 0967-LP-323-3100(TTY BUL 295B)
AN/UGT-6, 6A	0967-LP-980-3010(TTY BUL 275B Vol 1) 0967-LP-980-3020(TTY BUL 275B Vol 2) 0967-LP-375-6030(TTY BUL 326B Vol 3) 0967-LP-375-6040(TTY BUL 326B/RF Vol 4) 0967-LP-375-6050(TTY BUL 326B/RF Vol 5) 0967-LP-323-3100(TTY BUL 295B)

List of Low-Level Teletypewriter Equipment Documentation-Continued

AN/UGT-7	0367-LP-142-0010(TTY BUL 271B Vol 1) 0367-LP-142-0020(TTY BUL 271B Vol 2) 0367-LP-142-0030(TTY BUL 271B Vol 3) 0967-LP-375-6040(TTY BUL 326B/RF Vol 4) 0967-LP-375-6050(TTY BUL 326B/RF Vol 5) 0967-LP-323-3100(TTY BUL 295B)
TT-570/UG	0967-LP-173-8010(TTY BUL 321B Vol 1) 0967-LP-173-8020(TTY BUL 321B Vol 2) 0967-LP-173-8030(TTY BUL 321B/RF Vol 3) 0967-LP-323-3100(TTY BUL 295B)
TT-571/UG	0967-LP-173-9010(TTY BUL 322B Vol 1) 0967-LP-173-9020(TTY BUL 322B Vol 2) 0967-LP-173-9030(TTY BUL 322B/RF Vol 3) 0967-LP-323-3100(TTY BUL 295B)
TT-576/UG TT-576A/UG	0367-LP-142-0010(TTY BUL 271B Vol 1) 0367-LP-142-0020(TTY BUL 271B Vol 2) 0367-LP-142-0030(TTY BUL 271B Vol 3) 0967-LP-375-6040(TTY BUL 326B/RF Vol 4) 0967-LP-375-6050(TTY BUL 326B/RF Vol 5) 0967-LP-323-3100(TTY BUL 295B)
TT-577/UG	0367-LP-142-0010(TTY BUL 271B Vol 1) 0367-LP-142-0020(TTY BUL 271B Vol 2) 0367-LP-142-0030(TTY BUL 271B Vol 3) 0967-LP-375-6040(TTY BUL 326B/RF Vol 4) 0967-LP-375-6050(TTY BUL 326B/RF Vol 5) 0967-LP-323-3100(TTY BUL 295B)
TT-578/UG	0367-LP-142-0010(TTY BUL 271B Vol 1) 0367-LP-142-0020(TTY BUL 271B Vol 2) 0367-LP-142-0030(TTY BUL 271B Vol 3) 0967-LP-375-6040(TTY BUL 326B/RF Vol 4) 0967-LP-375-6050(TTY BUL 326B/RF Vol 5) 0967-LP-323-3100(TTY BUL 295B)
TT-579/UG	0367-LP-142-0010(TTY BUL 271B Vol 1) 0367-LP-142-0020(TTY BUL 271B Vol 2) 0367-LP-142-0030(TTY BUL 271B Vol 3) 0967-LP-375-6040(TTY BUL 326B/RF Vol 4) 0967-LP-375-6050(TTY BUL 326B/RF Vol 5) 0967-LP-323-3100(TTY BUL 295B)
TT-603/UG	0967-LP-173-8010(TTY BUL 321B Vol 1) 0967-LP-173-8020(TTY BUL 321B Vol 2) 0967-LP-173-8030(TTY BUL 321B/RF Vol 3) 0967-LP-323-3100(TTY BUL 295B)

List of Low-Level Teletypewriter Equipment Documentation-Continued

TT-605/UG

0967-LP-173-9010(TTY BUL 322B Vol 1)
0967-LP-173-9020(TTY BUL 322B Vol 2)
0967-LP-173-9030(TTY BUL 322B/RF Vol 3)
0967-LP-323-3100(TTY BUL 295B)

SECTION III.

Cross Reference List of Teletype Corporation to Government Documentation Numbers

Table 6-1. Low-Level Modification Kits

<u>LL MOD KIT NO</u>	<u>WIRING DIAGRAM PACKAGE</u>	<u>SPECIFICIATION</u>	<u>NAVSHIPS NO.</u>
MK-1081/UG	WDP 0014	50502S	0967-LP-273-4010
		50503S	0967-LP-274-1010
		50504S	0967-LP-273-5010
		50505S	0967-LP-273-6010
		50506S	0967-LP-273-7010
		50507S	0967-LP-273-8010
		50508S	0967-LP-274-7010
		50509S	0967-LP-273-9010
MK-1082/UG	WDP 0014	50502S	0967-LP-273-4010
		50503S	0967-LP-274-1010
		50504S	0967-LP-273-5010
		50505S	0967-LP-273-6010
		50506S	0967-LP-273-7010
		50507S	0967-LP-273-8010
		50508S	0967-LP-274-7010
		50509S	0967-LP-273-9010
MK-1083/UG	WDP 0031	50500S	0967-LP-273-2010
		50503S	0967-LP-274-1010
		50504S	0967-LP-273-5010
		50505S	0967-LP-273-6010
		50506S	0967-LP-273-7010
		50507S	0967-LP-273-8010
		50508S	0967-LP-274-7010
		50509S	0967-LP-273-9010
MK-1084/UG	WDP 0052	50502S	0967-LP-273-4010
		50503S	0967-LP-274-1010
		50505S	0967-LP-273-6010
		50507S	0967-LP-273-8010
		50508S	0967-LP-274-7010
MK-1085/UG	WDP 0052	50502S	0967-LP-273-4010
		50503S	0967-LP-274-1010
		50505S	0967-LP-273-6010
		50507S	0967-LP-273-8010
		50508S	0967-LP-274-7010

Table 6-1. Low-Level Modification Kits-Continued

<u>LL MOD KIT NO</u>	<u>WIRING DIAGRAM PACKAGE</u>	<u>SPECIFICATION</u>	<u>NAVSHIPS NO.</u>
MK-1086/UG	WDP 0053	50500S	0967-LP-273-2010
		50503S	0967-LP-274-1010
		50505S	0967-LP-273-6010
		50507S	0967-LP-273-8010
		50508S	0967-LP-274-7010
MK-1087/UG	WDP 0041	50501S	0967-LP-273-3010
		50503S	0967-LP-274-1010
		50504S	0967-LP-273-5010
		50505S	0967-LP-273-6010
		50506S	0967-LP-273-7010
		50507S	0967-LP-273-8010
		50508S	0967-LP-274-7010
		50509S	0967-LP-273-9010
		50512S	0967-LP-287-6010
MK-1088/UG	WDP 0042	50501S	0967-LP-273-3010
		50503S	0967-LP-274-1010
		50504S	0967-LP-273-5010
		50505S	0967-LP-273-6010
		50506S	0967-LP-273-7010
		50507S	0967-LP-273-8010
		50508S	0967-LP-274-7010
		50509S	0967-LP-273-9010
		50512S	0967-LP-287-6010
MK-1089/UG	WDP 0043	50501S	0967-LP-273-3010
		50503S	0967-LP-274-1010
		50504S	0967-LP-273-5010
		50505S	0967-LP-273-6010
		50506S	0967-LP-273-7010
		50507S	0967-LP-273-8010
		50508S	0967-LP-274-7010
		50509S	0967-LP-273-9010
		50512S	0967-LP-287-6010
MK-1090/UG	WDP 0054	50502S	0967-LP-273-4010
		50503S	0967-LP-274-1010
		50505S	0967-LP-273-6010
		50507S	0967-LP-273-8010
		50508S	0967-LP-274-7010

Table 6-1. Low-Level Modification Kits-Continued

<u>LL MOD KIT NO</u>	<u>WIRING DIAGRAM PACKAGE</u>	<u>SPECIFICATION</u>	<u>NAVSHIPS NO.</u>
MK-1098/UG	WDP 0060	50503S	0967-LP-274-1010
		50504S	0967-LP-273-5010
		50505S	0967-LP-273-6010
		50506S	0967-LP-273-7010
		50507S	0967-LP-273-8010
		50508S	0967-LP-274-7010
		50509S	0967-LP-273-9010
		50514S	0967-LP-292-2010
MK-1099/UG	WDP 0059	50503S	0967-LP-274-1010
		50505S	0967-LP-273-6010
		50507S	0967-LP-273-8010
		50508S	0967-LP-274-7010
		50514S	0967-LP-972-2010
MK-1100OO/UG	WDP 0058	50504S	0967-LP-273-5010
		50505S	0967-LP-273-6010
		50506S	0967-LP-273-7010
		50508S	0967-LP-274-7010
		50509S	0967-LP-273-9010
		50513S	0967-LP-286-3010
MK-1101/UG		50503S	0967-LP-274-1010
		50505S	0967-LP-273-6010
		50507S	0967-LP-273-8010
		50508S	0967-LP-274-7010
		50516S	0967-LP-290-5010
		50520S	-
MK-1110/UG		50503S	0967-LP-274-1010
		50505S	0967-LP-273-6010
		50507S	0967-LP-273-8010
		50508S	0967-LP-274-7010
		50515S	0967-LP-290-6010
		50520S	-
MK-1114/UG	WDP 0038	50503S	0967-LP-274-1010
		50505S	0967-LP-273-6010
		50507S	0967-LP-273-8010
		50508S	0967-LP-274-7010
		50511S	0967-LP-280-1010

Table 6-1. Low-Level Modification Kits-Continued

<u>LL MOD KIT NO</u>	<u>WIRING DIAGRAM PACKAGE</u>	<u>SPECIFICATION</u>	<u>NAVSHIPS NO.</u>
MK-1115/UG	WDP 0039	50503S	0967-LP-274-1010
		50504S	0967-LP-273-5010
		50505S	0967-LP-273-6010
		50506S	0967-LP-273-7010
		50507S	0967-LP-273-8010
		50508S	0967-LP-274-7010
		50509S	0967-LP-273-9010
		50511S	0967-LP-280-1010
		50047S	0967-LP-285-7010
MK-1135/UG	WDP 0090	50521S	0967-LP-297-8010
MK-1136/UG	-	50503S	0967-LP-274-1010
		50505S	0967-LP-273-6010
		50507S	0967-LP-273-8010
		50508S	0967-LP-274-7010
		50514S	0967-LP-292-2010
		50516S	0967-LP-290-5010
MK-1137/UG	-	50520S	
		50503S	0967-LP-274-1010
		50505S	0967-LP-273-6010
		50507S	0967-LP-273-8010
		50508S	0967-LP-274-7010
		50516S	0967-LP-290-5010
		50518S	
50520S			
MK-1158/UG	WDP 0123	50503S	0967-LP-274-1010
		50505S	0967-LP-273-6010
		50507S	0967-LP-273-8010
		50524S	0967-LP-345-3010
		50525S	
		50526S	0967-LP-345-4010
MK-1625/UG	-	50546S	0967-LP-438-8010
		50547S	0967-LP-438-8020

Table 6-2. Teletype Corporation Maintenance, Installation,
Operation and Parts Publications

Contents Abbreviations:

A - Adjustments	M - Complete Technical Manual	T - Theory or Principles of Operation
D - Description	P - Parts List	D and R - Disassembly and Reassembly
I - Installation	MA - Maintenance	TS - Trouble Shooting
L - Lubrication	OM - Operator's Manual	
WD - Wiring Diagrams	S - Servicing	

NOTE: Abbreviations in descriptions denote the Teletype Unit Code Prefix or Special Features. (See Table 6-3.)
Do not attempt to order bulletins direct from Teletype Corporation.

<u>Bulletin</u>	<u>Contents</u>	<u>Description</u>
181B	M	Signal Distortion Test Set (DXD)
184B	D & A	Portable Distortion Test Set (ED)
187B	D & A	Signal Distortion Test Set and Test Message Distributor (Code Disk Operated) (ED)
215B	M	High Speed Tape Punch Set (BRPE, BRPEB) NAVSHIPS 0967-LP-323-3050
216B	D & T	M28 Page Printer Set (LP, LK, LB, LAC)
217B	A & L	M28 Page Printer Set (LP, LK, LB, LAC, LBAC, LPC)
234B	M	Multiple Wire Distributor (LD)
235B	A, L, D & T	Transmitter Distributor (LXD, LXDB, LXDC, LMXB, LX) (Single Contact-Fixed Head)
236B	A, L, D & R	M28 Sequence Selector (LS, LSB)
242B	D & T	M28 Transmitter Distributor (LBXD, LBXB, LBXC) (Multi-Contact-Fixed Head)
243B	A & L	M28 Transmitter Distributor (LBXD, LBXB, LMXB, LCXB, LBAC, AC) (Multi-Contact-Fixed Head)
244B	D & T	M28 Multi-Magnet Reperforator (LARP, LARB)
245B	A & L	M28 Multi-Magnet Reperforator (LARP, LARB)
246B	D & T	M28 Typing Reperforator Sets (LPR, LRB, LRC, LT)
247B	A & L	M28 Typing Reperforator and Tape Printer Sets (LPR, LRB, LRC, LT, LTP, LTRK, LMRB, LBAC)

Table 6-2. Teletype Corporation Maintenance, Installation, Operation and Parts Publications-Continued

<u>Bulletin</u>	<u>Contents</u>	<u>Description</u>
248B	A & L	M28 Tape Handling Stand and Reperforator Transmitter Base (LTHS, LRXB, LBAC)
249B	D & T	M28 Perforator Transmitter (LAK, LPE, LCXB, LAAC) (Units Peculiar to ASR Sets)
250B	A & L	M28 Perforator Transmitter (LAK, LPE, LAAC, LTPE) (Units Peculiar to ASR Sets)
251B	D & T	M28 Transmitter Distributor (LAXD) (Pivoted Head, Multi-Contact)
252B	A & L	M28 Transmitter Distributor (LAXD) (Pivoted Head, Multi-Contact)
253B	D & T	M28 Transmitter Distributor (LCXD) (Pivoted and Fixed Head, Multi-Contact)
254B	A & L	M28 Transmitter Distributor (LCXD) (Pivoted and Fixed Head, Multi-Contact)
255B	D & T	M28 Non-Typing Reperforator (LRPE)
256B	A & L	M28 Non-Typing Reperforator (LRPE)
257B	M	M28 Tape Splicer (LTS)
267B	M	Tape Reader Set (CX)
270B Vol. 1	M	M28 CRITICOMM ASR Sets (ASR, KSR, RO) NAVSHIPS 0967-LP-972-7010
270B Vol. 2	M & P	M28 CRITICOMM ASR Sets (ASR, KSR, RO) NAVSHIPS 0967-LP-972-7020
270B Vol. 3	WD	M28 CRITICOMM ASR Sets (ASR, KSR, RO) NAVSHIPS 0967-LP-972-7030
271B Vol. 1	M	M28 Reperforator Transmitter Sets-CRITICOMM (RT, TT) NAVSHIPS 0367-LP-142-0010
271B Vol. 2	M & P	M28 Reperforator Transmitter Sets-CRITICOMM (RT, TT) NAVSHIPS 0367-LP-142-0020
271B Vol. 3	WD	M28 Reperforator Transmitter Sets-CRITICOMM (RT, TT) NAVSHIPS 0367-LP-142-0030
272B	M	M28 and M35 Answer Back Unit (LABD)

Table 6-2. Teletype Corporation Maintenance, Installation,
Operation and Parts Publication-Continued

<u>Bulletin</u>	<u>Contents</u>	<u>Description</u>
275B Vol. 1	M	M28 Torn Tape System NAVSHIPS 0967-LP-980-3010
275B Vol. 2	WD	M28 Torn Tape System NAVSHIPS 0967-LP-980-3020
276B	M	M28 Receiving Selector Set (LRS)
279B	M	High Speed Tape Punch (DRPE)
280B Vol. 1	M	M35 Page Printer Set (ASR)
280B Vol. 2	M	M35 Page Printer Set (ASR)
281B Vol. 1	M	M35 Page Printer Set (KSR, RO) NAVSHIPS 0967-LP-323-3070
281B Vol. 2	M	M35 Page Printer Set (KSR, RO) NAVSHIPS 0967-LP-323-3080
282B	M	M35 Receive-Only Typing Reperforator (LPR, LRB, LRC, LT)
283B	M & P	M35 Keyboard Tape Punch (LKPE, LKTP, LKPC)
284B	M	M28 Compact Keyboard (KSR & RO) (LLB, LLK, LPC) NAVSHIPS 0967-LP-059-9010
284B/RF	M	M28 Compact Teletypewriter Sets (KSR, RO) w/RF1 NAVSHIPS 0967-LP-059-9030
285B Vol. 1	M	High Speed Tape to Tape System (TYPE 1 and 2)
285B Vol. 2	WD	High Speed Tape to Tape System (TYPE 1 and 2)
286B	M	Data Analysis of Reorder Traps Dart System
287B Vol. 1	M	M35 Data Communications Set (ASR)
287B Vol. 2	M	M35 Data Communications Set (ASR)
288B	M	M28 Tape Printer (Stock Ticker) (LP, LB, LPC, LMU)
289B	M	M32 and M33 Self-Contained Keyboard (UK)
290B	M	M35 Transmitter Distributor Set (LXD, LXDB, LBXD)

Table 6-2. Teletype Corporation Maintenance, Installation, Operation and Parts Publications-Continued

<u>Bulletin</u>	<u>Contents</u>	<u>Description</u>
291B	M	M35 Automatic Send-Receive Set (Circuit Switching) (ASR)
292B Vol. 1	M	Telespeed Tape to Tape System (TYPE 5)
292B Vol. 2	WD	Telespeed Tape to Tape System (TYPE 5)
293B	M	Selector Magnet Drivers
294B	M	M28 and M35 Multi-Magnet Non-Typing Reperforator Set (LARP) (Early Design M28 Covered by 244B and 235B)
295B	M & P	Motor Units (MU, LMU, YMU) NAVSHIPS 0967-LP-323-3100
296B	M	M35 Multiple Wire Distributor
297B	M	Discrete Calling Generator (DCG) (Preliminary)
298B	M	M28 Keyboard Send-Receive (KSR) and Receive-Only (RO) Teletypewriter Sets TT470/UG and TT471/UG
299B	M	24-Hour Timer
301B	D, T, A, L, D&R	High Speed Tape Reader (DX Type)
302B Vol. 1	M	Master and Supplementary High Speed Tape Sender and High Speed Tape Receiver for the Multiple Address Processing System (MAPS)
302B Vol. 2	WD	MAPS Tape Sender
302B Vol. 3	WD	MAPS Tape Sender & Receiver
302B/RF Vol.4	M	MAPS Sender & Receiver with RFI Features
302B/RF Vol.5	WD	MAPS Sender with RFI Features
307B Vol. 1	M	"TELESPEED" Tape-to-Tape Systems with Error Detection and Correction-Type 4 Sender
307B Vol. 2	WD	"TELESPEED" Tape-to-Tape Systems with Error Detection and Correction-Type 4 Sender
308B Vol. 1	M	"TELESPEED" Tape-to-Tape Systems with Error Detection and Correction-Type 4 Receiver

Table 6-2. Teletype Corporation Maintenance, Installation,
Operation and Parts Publications-Continued

<u>Bulletin</u>	<u>Contents</u>	<u>Description</u>
308B Vol. 2	WD	"TELESPEED" Tape-to-Tape Systems with Error Detection and Correction-Type 4 Receiver
309B Vol. 1	D, I, L, T, D & R	M32 Teletype Sets (KSR, RO, ASR)
309B Vol. 2	A	M32 Teletype Sets (KSR, RO, ASR)
310B Vol. 1	D, I, L, T, D & R	M33 Teletype Sets (KSR, RO, ASR)
310B Vol. 2	A	M33 Teletype Sets (KSR, RO, ASR)
311B Vol. 1	M	(NAVSHIPS 0967-LP-173-7010) M28 KSR & RO
311B Vol. 2	P	(NAVSHIPS 0967-LP-173-7020) M28 KSR & RO
311B/RF Vol. 3	P	(NAVSHIPS 0967-LP-173-7030) M28 KSR & RO w/RFI
311B/RF Vol. 4	WD	(NAVSHIPS 0967-LP-173-7040) M28 KSR & RO w/RFI
312B Vol. 1 D & T	(NAVSHIPS 0967-LP-173-6010)	M28 ASR
312B Vol. 2	A, L & WD	(NAVSHIPS 0967-LP-173-6020) M28 ASR
312B Vol. 3	P	(NAVSHIPS 0967-LP-173-6030) M28 ASR
312B/RF Vol. 4	P	(NAVSHIPS 0967-LP-173-6040) M28 ASR w/RFI
312B/RF Vol. 5	WD	(NAVSHIPS 0967-LP-173-6050) M28 ASR w/RFI
316B Vol. 1	D, I, T	M37 Receive-Only (RO) Set for Switched Network Service
316B Vol. 2	MA	M37 Receive-Only (RO) Set for Switched Network Service
317B Vol. 1	D, I, T,	M37 KYBD Send-Receive (KSR) Set for Switched Network Service
317B Vol. 2	MA	M37 KYBD Send-Receive (KSR) Set for Switched Network Service
318B Vol. 1	D, I, T	M37 Auto. Send-Receive (ASR) Set for Switched Network Service
318B Vol. 2	A, TS	M37 Auto. Send-Receive (ASR) Set for Switched Network Service

Table 6-2. Teletype Corporation Maintenance, Installation,
Operation and Parts Publications-Continued

<u>Bulletin</u>	<u>Contents</u>	<u>Description</u>
318B Vol. 3	L, D & R	M37 Auto. Send-Receive (ASR) Set for Switched Network Service
319B	M	High Speed Tape Receiver Sets (DRPE Type)
320B	D, I, MA	M35 Keyboard Send-Receive Tape Printer Set
321B Vol. 1	D, T, I, L, D & R	(NAVSHIPS 0967-LP-173-8010) 28 Trans-Distr Set (Single Contact LXD)
321B Vol. 2	A, P	(NAVSHIPS 0967-LP-173-8020) 28 Trans-Distr Set (Single Contact LXD)
321B/RF Vol. 3	D, P, WD	(NAVSHIPS 0967-LP-173-8030) 28 Trans-Distr Set (Single Contact LXD)
322B Vol. 1	D, I, T	(NAVSHIPS 0967-LP-173-9010) M28 Reperf. & Tape Printer Set
322B Vol. 2	A, P	(NAVSHIPS 0967-LP-173-9020) M28 Reperf. & Tape Printer Set
322B/RF Vol. 3	D, P, WD	(NAVSHIPS 0967-LP-173-9030) M28 Reperf. & Tape Printer Sets
326B Vol. 3	P	(NAVSHIPS 0967-LP-375-6030) 28 Torn Tape System
326B/RF Vol. 4	D, P, WD	(NAVSHIPS 0967-LP-375-6040) 28 Torn Tape System
326B/RF Vol. 5	WD	(NAVSHIPS 0967-LP-375-6050) 28 Torn Tape System
333B	M	SA140 Station Controller Using 8A1/8B1 Type Operation
334B	D, I, TS, T, MA	M37 Receive-Only (RO) Typing Reperf. Set (ROTR)
336B/RF Vol. 1	D, I	M37 Keyboard Send-Receive (KSR) Set-TT636/U with RFI Suppression
336B/RF Vol. 2	M	M37 Keyboard Send-Receive (KSR) Set-TT636/U with RFI Suppression
336B/RF Vol. 3	WD	M37 Keyboard Send-Receive (KSR) Set-TT636/U with RFI Suppression
336B/RF Vol. 4	P	M37 Keyboard Send-Receive (KSR) Set-TT636/U with RFI Suppression

Table 6-2. Teletype Corporation Maintenance, Installation, Operation and Parts Publications-Continued

<u>Bulletin</u>	<u>Contents</u>	<u>Description</u>
337B/RF Vol. 1	D & I	M37 Keyboard Send-Receive (KSR) with RFI Suppression (NAVELEX 0967-LP-428-4010)
337B/RF Vol. 2	TS, D & R, A & L	M37 Keyboard Send-Receive (KSR) with RFI Suppression (NAVELEX 0967-LP-428-4020)
337B/RF Vol. 3	WD	M37 Keyboard Send-Receive (KSR) with RFI Suppression (NAVELEX 0967-LP-428-4030)
337B/RF Vol. 4	P	M37 Keyboard Send-Receive (KSR) with RFI Suppression (NAVELEX 0967-LP-428-4040)
338B/RF Vol. 1	D, I	M37 Automatic Send-Receive (ASR) Set with RFI Suppression (NAVELEX 0967-LP-428-5010)
338B/RF Vol. 2	M	M37 Automatic Send-Receive (ASR) Set with RFI Suppression (NAVELEX 0967-LP-428-5020)
338B/RF Vol. 3	WD	M37 Automatic Send-Receive (ASR) Set with RFI Suppression (NAVELEX 0967-LP-428-5030)
338B/RF Vol. 4	P	M37 Automatic Send-Receive (ASR) Set with RFI Suppression (NAVELEX 0967-LP-428-5040)
340B	M	SA140 Station Controller Using Centralized Operation
341B	I & S	Model 38 ASR, KSR and RO Teletypewriter Sets
342B	OM	Model 38 ASR, KSR and RO Teletypewriter Sets
343B Vol. 1	M	38 Automatic Send-Receive (ASR) Set
343B Vol. 2	A	38 Automatic Send-Receive (ASR) Set
343B Vol. 3	P	38 Automatic Send-Receive (ASR) Set
344B Vol. 1 (RO) Sets	M	38 Keyboard Send-Receive (KSR) and Receive-Only

Table 6-2. Teletype Corporation Maintenance, Installation,
Operation and Parts Publications-Continued

<u>Bulletin</u>	<u>Contents</u>	<u>Description</u>
344B Vol. 2	A	38 Keyboard Send-Receive (KSR) and Receive-Only (RO) Sets
344B Vol. 3	P	38 Keyboard Send-Receive (KSR) and Receive-Only (RO) Sets
345B	M	Magnetic Tape Sets
346B	OM	Model 40 KDP, KD, and ROP
347B	I & S	Model 40 KDP, KD, and ROP
1087B	P	Signal Distortion Test Set (ED)
1113B	P	Portable Signal Distortion Test Set (ED)
1123B	P	Signal Distortion Test Set and Adapter Plate
	(ED, AP)	
1129B	P	Paper Winder (PW, LPW)
1149B	P	M28 Page Printer Set (KSR, RO)
1154B	P	High Speed Tape Punch Set (BRPE, BRPEB, BRPEC, AC, LMU, TRSC, TRD) NAVSHIPS 0967-LP-323-3060
1155B	P	Universal Apparatus Cabinet (AC)
1159B	P	M28 Multi-Wire Distributor (LD)
1160B	P	M28 Sequence Selector (LS, LSB, LMU)
1161B	P	M28 Transmitter and Transmitter Distributor
1164B	P	Keytops and Type Pallets (All Apparatus)
1165B	P	Transmitter Distributor Set (LBXD, LBXB, LBXC, LMU, LMXB, LBAC, AC)
1166B	P	Reperforator (Multi-Magnet) LARP, LARB, LMU, LARC)
1167B	P	M28 Typing Reperforator and Tape Printer Sets (LPR, LRB, LRC, LT, LTRK, LSRC, LESU, LMRB, LMU, LBAC, LTD, LTPK)
1168B	P	M28 Reperforator Transmitter Set (RT) (LTHS, LRXB, LMC, LBAC)

Table 6-2. Teletype Corporation Maintenance, Installation,
Operation and Parts Publications-Continued

<u>Bulletin</u>	<u>Contents</u>	<u>Description</u>
1169B	P	M28 Automatic Send-Receive Sets (ASR) (LAK, LPE, LCXB, LAAC, LTPE, LMU, LESU, LBPC)
1172B	P	M28 and M29 Non-Typing Reperforators (LRPE)
1176B	P	High Speed Tape Reader (CX, CXB, CXC, AC, TTSC, TTD, MU, LMU)
1181B	P	M28 Codomat Set (LR, LCL, LBAC)
1182B	P	M28 Transmitter Distributor (Tape Pull-Back Type) (LFXD, LFXB)
1184B	P	M33 Page Printer Set (ASR, KSR, RO)
1185B	P	M28 Receiving Selector (LRS, LRSB, LMU)
1186B	P	High Speed Reperforator (DRPE)
1187B	P	M35 Automatic Send-Receive Set (ASR) (LAAC, LCCU, LESU, LP, LRPE, LMU, LAK, LXD, LCXB)
1188B	P	M35 Tape Printer Sets (ROTR/KTP) (LRP, LRB, LTP, LTPK, LMU, LESU, LRC, LSRC, LT)
1192B	P	Station Converter Cabinets (AC)
1197B	P	Compact Page Printer (KSR and RO) (LP, LLB, LLK, LMU, LPC)
1201B	P	M35 Send-Receive and Receive-Only Sets (KSR, RO) (LP, LK, LB, LESU, LCCU, LAC, LPC) NAVSHIPS 0967-LP-323-3090
1202B	P	High Speed Tape Reader Set (DX)
1203B	P	High Speed Tape Handling Equipment (TUW, TW, TF, AC)
1205B	P	M35 Transmitter Distributor Set (LXD-Single Contact Type),
1208B	P	High Speed Tape Sender and Receiver Sets for Multiple Address Processing Systems (MAPS)
1209B	P	M37 Page Printer Set (KSR-RO)
1210B	P	M32 Page Printer Set (ASR, KSR, RO)

*Table 6-2. Teletype Corporation Maintenance, Installation,
Operation and Parts Publications-Continued*

<u>Bulletin</u>	<u>Contents</u>	<u>Description</u>
1211B	P	M35 "CARDATA" Reader (LEXD) and Feeder (EPCF)
1212B	P	M35 "CARDATA" Type Reperforator Send-Receive Set (LEPR)
1213B	P	M35 Data Preparation Set
1214B	P	M37 Automatic Send-Receive Set (ASR)
1217B	P	M37 Typing Reperforator (ROTR) Set

Table 6-3. Teletype Corporation Apparatus Codes

<u>APPARATUS CODE</u>	<u>DESCRIPTION AND APPLICATION</u>
AC	28 Transmitter Distributor Table Type Cabinet High Speed Tape Sender High Speed Tape Receiver
BRPE	High Speed Tape Punch Unit
BRPEB	High Speed Tape Punch Base
BRPEC	High Speed Tape Punch Cover
CX	High Speed Tape Reader
CXB	High Speed Tape Reader Base
CXC	High Speed Tape Reader Cover
DAB	Cover Base, INKTRONIC Page Printer (RO)
DAAC	Keyboard Send-Receive Cabinet
DAK	Keyboard Send-Receive
DAPW	Paper Winder
DAR	Recorder for INKTRONIC Page Printer (RO)
DARC	Cover, INKTRONIC Page Printer (RO)
DAT	Paper Transport for INKTRONIC Page Printer (RO)
DCG	Discrete Calling Generator
DMAC	Magnetic Tape Set
DMAM	Magnetic Tape Set
DME	Magnetic Tape Set
DMT	Magnetic Tape Set
DRPE	High Speed Tape Punch Unit High Speed Tape Receivers Sets
DX	High Speed Tape Reader
DXD	Signal Distortion Test Set
EPCF	35 CARDATA Feeder

Table 6-3. Teletype Corporation Apparatus Codes-Continued

<u>APPARATUS CODE</u>	<u>DESCRIPTION AND APPLICATION</u>
LAAC	28 Cabinet for ASR Sets 35 Cabinet for ASR Sets
LABD	28 and 35 Answer-Back Unit
LAC	28 Cabinets for KSR and RO Sets 35 Cabinets for KSR and RO Sets
LAK	28 Perforator Transmitter Base 28 Keyboard for ASR Sets 35 Keyboard for ASR Sets
LARB	28 and 35 Multimagnet Nontyping Reperforator
LARC	28 and 35 Multimagnet Nontyping Reperforator
LARP	28 and 35 Multimagnet Nontyping Reperforator
LAXD	28 Transmitter Distributor
LB	28 KSR and RO 35 KSR and RO
LBAC	28 KSR and RO Cabinet 28 Reperforator Cabinet 28 Apparatus Cabinet for Multiple Reperforator 28 Apparatus Cabinet for Page Printers-Stack Mounted
LBPC	28 Keyboard w/Perforator Skintight Cover
LBXB	28 Single Mtg. and Multiple Mtg. Transmitter Distributor 35 Two-Shaft Transmitter Distributor Base and Cover
LBXC	28 Transmitter Distributor Cover and Cabinet 28 Transmitter Distributor Unit
LBXD	35 Transmitter Distributor-Multicontact
LCCU	35 Call Control Unit
LCL	35 Rack Mounted-Data Preparation Set
LCXB	28 Transmitter-Distributors-Pivoted and Fixed Head, Multicontact 28 Transmitter Distributor Base 35 Transmitter Distributor Base
LCXD	28 Transmitter Distributor

Table 6-3. Teletype Corporation Apparatus Codes-Continued

<u>APPARATUS CODE</u>	<u>DESCRIPTION AND APPLICATION</u>
LD	28 Multiple Wire Distributor 35 Data Preparation Set-Rack Mounted 35 Multiple Wire Distributor
LEPR	35 CARDATA Reperforator
LEPRB	35 CARDATA Reperforator Set Base
LEPRC	35 CARDATA Reperforator Cover
LEPT	35 CARDATA Table
LESU	28 Electrical Service Unit
LEXD	35 CARDATA Reader-Transmitter Distributor
LFXB	28 Transmitter Distributor Base-Tape Pullback Type
LFXD	28 and 35 Transmitter Distributor-Tape Pullback Type
LK	28 KSR and RO 35 Rack Mounted-Data Preparation Set 35 KSR and RO
LKPC	35 Keyboard Reperforator Cover
LKPE	35 Nontyping Keyboard Perforator
LKTP	35 Typing Keyboard Perforator
LLB	28 Compact KSR and RO 23/32 RO Compact Base
LLK	28 Compact Base 28 Compact KSR and RO 23/32 S/R Compact Keyboard
LMRB	28 Typing Reperforator 28 Reperforator and Tape Printer 35 Reperforator
LMU	Motor Units
LMXB	28 Single Mtg. and Multiple Mtg. Transmitter Distributors
LP	23/32 Typing Units 35 Rack Mounted-Data Preparation Set 35 Typing Unit

Table 6-3. Teletype Corporation Apparatus Codes-Continued

<u>APPARATUS CODE</u>	<u>DESCRIPTION AND APPLICATION</u>
LPC	28 KSR and RO 28 Compact 35 Rack Mounted-Data Preparation Set 35 Wall Mounted for KSR/RO
LPE	28 Typing and Nontyping Perforators
LPR	28 Typing Reperforator 35 Typing Reperforator
LPW	Paper Winder - General Usage
LRB	28 Typing Reperforator 28 RO Reperforator or Tape Printer and Multiple Reperforator 35 Reperforator 35 Typing Reperforator and Tape Printer
LRC	28 Reperforator 35 RO Typing Reperforator
LRPE	28 and 35 Nontyping Reperforator
LRS	28 and 35 Receiving Selector
LRSB	28 and 35 Reperforator-Transmitter
LS	28 Sequence Selector
LSB	28 Sequence Selector
LSRC	28 Reperforator and Tape Printer 35 Keyboard Tape Printer Cover 35 RO Typing Reperforator and SR Tape Printer
LT	28 Transmitter and Transmitter Distributor 28 Table 28 Reperforator 28 Reperforator and Tape Printer 35 Rack Mounted-Data Preparation Set 35 Reperforator
LTHS	28 and 35 Tape Handling Stand
LTP	28 Typing Reperforator and Tape Printer 35 Tape Printer 35 RO Typing Reperforator and SR Tape Printer
LTPE	28 Typing and Nontyping Perforator

Table 6-3. Teletype Corporation Apparatus Codes-Continued

<u>APPARATUS CODE</u>	<u>DESCRIPTION AND APPLICATION</u>
LTPK	28 Typing Reperforator and Tape Printer 35 Tape Printer Keyboard 35 SR Tape Printer
LTRK	28 Typing Reperforator and Tape Printer
LTS	28 Tape Splicer
LX	28 Transmitter 35 Tape Reader - Parallel Output 35 Transmitter
LXD	28 Transmitter Distributor Unit 35 Rack Mounted-Data Preparation Set 35 Transmitter Distributor-Single Contact
LXDB	28 Transmitter and Transmitter Distributor 35 Rack Mounted-Data Preparation Set 35 Transmitter Distributor
LXDC	28 Transmitter and Transmitter Distributor 35 Rack Mounted-Data Preparation Set 35 Transmitter Distributor
MK	Modification Kit
MU	Motor Unit
PBDG	Pushbutton Data Generator
PW	Paper Winder
RY	28 Apparatus, Transmitting and Transmitting-Monitoring
SA	Stuntronic Accessories
SMD	Selector or Magnet Drive - General Use
TF	High Speed Tape Feeder
Tape Splicer	28 Tape Splicer (LTS) Fully Perforated or Chadless
TRSC	High Speed Signal Converter
TSG	Signal Generator Test Set

Table 6-3. Teletype Corporation Apparatus Codes-Continued

<u>APPARATUS CODE</u>	<u>DESCRIPTION AND APPLICATION</u>
TD	High Speed Transmitting Distributor
TTSC	High Speed Transmitting Signal Converter
TUW	High Speed Tape Unwinder
UCC	33 Call Control Unit
	39 Call Control Unit
	32 Call Control Unit
UK	33 Keyboard
	32 and 33 Solenoid - Reset Keyboard
	32 Keyboard
Unwind Reels	General Use
UP	33 Typing Unit
	32 Typing Unit
UPE	33 Tape Punch
	32 Tape Punch
UX	33 Tape Reader
	32 Tape Reader
WESU	38 Electrical Service Unit
WK	38 Keyboard
WM	Word Counter
WP	38 Printer
WPC	38 Cover
WPE	38 Tape Punch
WX	38 Tape Reader
YAB	37 Answer-Back Unit
YAC	37 Reperforator-Transmitter (RT) Cabinet
	37 Apparatus Cabinet
YB	37 Base (Keyboard Unit)
YESU	37 Electrical Service Unit
YK	37 Keyboard Unit

Table 6-3. Teletype Corporation Apparatus Codes-Continued

<u>APPARATUS CODE</u>	<u>DESCRIPTION AND APPLICATION</u>
YMU	37 Motor Unit
YP	37 Typing Unit
YPC	37 Cover and Pan
YPR	37 Typing Reperforator Unit
YPW	37 Paper Winder
YRB	37 Typing Reperforator Base
YRC	37 Typing Reperforator Cover
YRPE	37 Nontyping Reperforator Unit
YT	37 Table
YTD	37 Electronic Distributor Unit
	37 Transmitting Distributor

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CHAPTER 7

SECTION I.

List of Installation Control Drawings for High-Level Equipment

KEY TO DRAWING TYPE ABBREVIATION SYMBOLS

CR	CABLE RUNNING SHEETS
BD	BLOCK DIAGRAM
DL	DATA LIST; DRAWING LIST
EC	EXTERNAL CONNECTIONS
IC	INTERCONNECTING CABLING DIAGRAM
IW	INTERCONNECTING WIRING DIAGRAM
LM	SUMMARY LIST OF INSTALLATION MATERIAL
OM	OUTLINE AND MOUNTING DATA; OUTLINE AND INSTALLATION DRAWINGS
PP	PRIMARY POWER DISTRIBUTION DIAGRAM
PS	PICTORIAL SYSTEM DIAGRAM OR BLOCK DIAGRAM
SP	STANDARD PLAN

This list of Installation Control Drawings was compiled from NAVSEA 0967-LP-034-4010 Index Electronic Equipment Installation Control Drawings.

<u>TYPE DESIG</u>	<u>DWG NUMBER</u>	<u>REV</u>	<u>TYPE</u>
AN/FGC-38A	RE-F2692513	A	IW
AN/FGC-74, 74X	RE-F2692656	A	IW, PP
	RE-F2692654	A	OM
	RE-F2692655	A	PS
AN/UGC-5	RE-H2692477	A	PP
	RE-B2692555	A	OM
	RE-F2692478	A	PS
	RE-B2692554	A	IC
	RE-B2692553	A	PS, IC
	RE-B2692552	A	PS
	RE-B2692556	A	PP
	RE-F2692504	B	OM, IW
AN/UGC-5X	RE-F2692478	A	PS
	RE-H2692477	A	PP
AN/UGC-6	RE-H2690978	A	OM
	RE-D2690771	A	PP
	RE-B2692555	A	OM
	RE-F2692478	A	PS
	RE-B2692557	A	PS
	RE-B2692563	A	PS
	RF-B2692559	A	IC
	RE-H2692477	A	PP
	RE-B2692562	A	IC

List of Installation Control Drawings for High-Level Equipment-Continued

<u>TYPE DESIG</u>	<u>DWG NUMBER</u>	<u>REV</u>	<u>TYPE</u>
AN/UGC-6- continued	RE-F2692504	B	OM, IW
	RE-B2692556	A	PP
	RE-B2692560	A	PS
AN/UGC-6X	RE-H2692477	A	PP
	RE-F2692478	A	PS
AN/UGC-7	RE-F2692504	B	OM, IW
	RE-F2692478	A	PS
	RE-H2692477	A	PP
AN/UGC-7X	RE-F2692478	A	PS
	RE-H2692477	A	PP
AN/UGC-8	RE-H2692477	A	PP
	RE-F2692504	B	OM, IW
	RE-F2692478	A	PS
AN/UGC-8X	RE-H2692477	A	PP
	RE-F2692478	A	PS
AN/UGC-13	RE-A2698520	B	CR
	RE-C2698521	B	LM
	RE-B2698519	B	DL
	RE-C2698523	B	OM
	RE-H2690978	A	OM
AN/UGC-13 Modified Low-Level	RE-C2698522	B	BD
AN/UGC-20	RE-C2695941	C	PP
	RE-B2695939	D	DL
	RE-C2695942	D	OM
	RE-C2695940	E	PS
AN/UGC-20A	RE-C2695941	B	PP
	RE-C2695940	E	PS
	RE-B2695939	D	DL
	RE-C2695942	D	OM
AN/UGC-20AX	RE-B2695939	D	DL
	RE-C2695942	D	OM
	RE-C2695941	B	PP
	RE-C2695940	E	PS
AN/UGC-20X	RE-C2695940	E	PS
	RE-C2695941	B	PP
	RE-B2695939	D	DL
	RE-C2695942	D	OM

List of Installation Control Drawings for High-Level Equipment-Continued

<u>TYPE DESIG</u>	<u>DWG NUMBER</u>	<u>REV</u>	<u>TYPE</u>
AN/UGC-25	RE-B2695944	D	DL
	RE-C2695940	E	PS
	RE-C2695941	B	PP
	RE-C2695943	D	OM
AN/UGC-25A	RE-C2695943	D	OM
	RE-B2695944	D	DL
	RE-C2695940	E	PS
	RE-C2695941	B	PP
AN/UGC-25AX	RE-C2695941	B	PP
	RF-C2695943	D	OM
	RF-B2695944	D	DL
	RF-C2695940	E	PS
AN/UGC-25X	RE-B2695944	D	DL
	RE-C2695941	B	PP
	RE-C2695943	D	OM
	RE-C2695940	E	PS
AN/UGC-43	RE-B2695939	D	DL
	RE-C2695941	B	PP
	RE-C2695940	E	PS
	RE-C2695942	D	OM
AN/UGR-1	RE-D2692639	A	IC
	RE-D2692638	A	OM
	RE-D2692640	A	PS
AN/UGR-4	RE-C2695943	D	OM
	RE-C2695940	E	PS
	RE-C2695941	B	PP
	RE-B2695944	D	DL
TSEC/HL-2	RE-D2692567	A	OM
	RE-D2692422	B	OM
	RE-D2692566	A	IW
TT-47/UG	RE-D2692295	G	OM, EC
	RE-F2686240	B	PS
	RE-F2692404	A	IW
	RE-F2692329	C	IW
TT-47A/UG	RE-D2692320	A	OM, EC
	RE-F2692329	C	IW
TT-47C/UG	RE-F2692504	B	OM, IW
	RE-D2692479	A	OM, EC

List of Installation Control Drawings for High-Level Equipment-Continued

<u>TYPE DESIG</u>	<u>DWG NUMBER</u>	<u>REV</u>	<u>TYPE</u>
TT-48/UG	RE-D2692295	G	OM, EC
	RE-F2692329	C	IW
TT-48A/UG	RE-D2692320	A	OM, EC
	RE-F2692329	C	IW
TT-48B/UG	RE-D2692479	A	OM, EC
TT-49/UG	RE-D2692310	A	OM, EC
TT-69/UG	RE-F2692329	C	IW
	RE-D2692295	G	OM, EC
TT-69A/UG	RE-D2692320	A	OM, EC
	RE-F2692329	C	IW
TT-69B/UG	RE-F2692504	B	OM, IW
TT-70/UG	RE-F2692329	C	IW
TT-70A/UG	RE-F2692329	C	IW
TT-92/FG	RE-F2692331	D	IW
TT-128/UG	RE-F2692329	C	IW
TT-128A/UG	RE-D2692479	A	OM, EC
TT-129/UG	RE-F2692329	C	IW
TT-130/UG	RE-F2692329	C	IW
TT-131/UG	RE-F2692329	C	IW
TT-159/UG	RE-F2692348	C	OM, EC
TT-176/UG	RE-C2692365	A	OM, EC
	RE-F2692329	C	IW
	RE-D2692566	A	IW
TT-187/UG	RE-D2692453	B	OM
	RE-D2692454	B	IW
TT-187A/UG	RE-D2698210	A	OM
TT-192/UG	RE-D2698210	B	OM
	RE-D2692456	C	OM
	RE-D2692455	A	IW

List of Installation Control Drawings for High-Level Equipment-Continued

<u>TYPE DESIG</u>	<u>DWG NUMBERS</u>	<u>REV</u>	<u>TYPE</u>
TT-234/SGA-3 TT-253/UG	RE-D2692422	B	OM
	RE-D2692451	B	IW
TT-261/UG	RE-D2692450	C	OM
	RE-F2692591	A	SP, IW
	RE-B2692540	A	OM
	RE-B2692541	A	PP
	RE-B2692563	A	PS
	RE-B2692565	A	IC
	RE-B2692560	A	PS
	RE-B2692562	A	IC
	RE-B2692559	A	IC
	RE-D2692636	A	PP
TT-298/UG	RE-D2692608	A	OM
TT-299/UG	RE-D2692609	A	PS
	RE-C2692610	A	PP
TT-299B/UG	RE-D2692636	A	PP
	RE-D2692664	A	IW
	RE-D2692663	A	IW
	RE-F2692661	A	OM
	RE-H2692662	B	SP
TT-515/UYK	RE-E2696113	D	OM

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SECTION II.

List of Installation Control Drawings for Low- Level Equipment

At this time there are no approved Installation Control Drawings for Low- Level Teletypewriters.

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SECTION III.

List of Wiring Diagram Packages

<u>WDP</u>	<u>EQUIPMENT</u>
WDP 0014	AN/UGC-22A TT-47D, 47E, 47H, 47J TT-48C, 48F TT-69C, 69D TT-70D TT-176, 176A, 176C
WDP 0029	AN/UGR-9, 9X, 16
WDP 0031	TT-253, 253A, 253C TT-292, AN/UGC-78
WDP 0038	TT-306, 306A AN/UGC-50, 50OX, 50Y, 58
WDP 0039	TT-307, 307A AN/UGC-51, 51X, 51Y, 55
WDP 0041	AN/UGC-5, 5X
WDP 0042	AN/UGC-6, 6A, 6BX, 6F
WDP 0043	AN/UGC-13, 13AX AN/UGC-16 AN/UGC-32X
WDP 0047	AN/UGC-49, 49X
WDP 0048	AN/UGC-54 AN/UGC-57
WDP 0049	AN/UGC-48, 48X
WDP 0050	AN/UGC-47, 47X, 60 AN/FGC-144, 148
WDP 0052	TT-171, 171A, 171C TT-283
WDP 0053	TT-192, 192A TT-274, 274A
WDP 0054	AN/UGC-25, 25X
WDP 0056	AN/UGC-56, AN/UGR-13, TT-577, 579

List of Wiring Diagram Packages-Continued

WDP	EQUIPMENT
WDP 0057	AN/UGR-12, TT-278, 576
WDP 0058	TT-187, 187A, 187B, 187C
	TT-273, 570, 603
WDP 0059	AN/FGC-100
WDP 0060	AN/FGC-74, 74X
	AN/FGC-79A, 79AX
	TT-571, AN/UGC-64
WDP 0061	
WDP 0088	
WDP 0090	Polar-Neutral Converter
WDP 0094	AN/UGT-4, 4X
WDP 0095	AN/UGT-5
WDP 0096	AN/UGT-6, 6A, 7
WDP 0099	AN/UGC-61, 61X, 61Y W
WDP 0100	AN/UGR-10, 10X
WDP 0110	AN/UGR-8
WDP 0111	TT-605
WDP 0117	AN/UGR-11
WDP 0123	AN/UGC-20, 20A
WDP 0163	AN/UGC-90
WDP 0164	

**APPENDIX A
GLOSSARY**

-A-

AB	Answer-Back Set
AC	Alternating Current (or) Apparatus Cabinet
ACK	Acknowledge
ACS	Automated Communication Set
ACU	Automatic Calling Unit
ALPHA-NUMERICAL	Includes alphabetical and numerical characters
AM	Amplitude Modulated
ANS	Answer
APL	Allowance Parts List
ARQ	Automatic Retransmit Request
ASA	American Standard Association
ASCII	American Standard Code for Information Interchange
ASR	Automatic Send-Receive Set-which includes tape input-output capabilities, as well as keyboard entry and print-out capabilities.
ASSY	Assembly
ATR	Automatic Transmitter Set
ATS	Automated Teletypewriter Set
AT & T	American Telephone and Telegraph Company
AUTO	Automatic
AWAT	Assemble, Wire, Adjust, and Test
AUX	Auxiliary

-B-

B	Bulletin (or) Base
BAUD	Reciprocal of time duration of shortest signal pulse. It is the number of char/sec X bits/char.
BCD	Binary-Coded Decimal
BIT	Binary Digit, meaning binary decision (yes/no, on/off, go/no-go, etc.). Denoted generally by notations 1 and 0, respectively.
BPS	Bits-per-Second
BRPE	Model B Reperforator Model B High Speed Paper Tape Punch, electrical parallel input
BS	Back Space
BSY	Busy
BTU	British Thermal Unit

-C-

C	Controller
CA	Character Available
CAB	Cabinet
CAN	Cancel
CCITT	Consultative Committee on International Telegraph and Telephone

-C- Continued

CCU	Call Control Unit
CD	Card Dialer (or) Circuit Description (or) Carrier Detect
CDC	Call Directing Code
CDCG	Call Directing Code Generator
CDT	Communications Display Terminal
CH	Channel
CHAR	Character
CHAR/SEC	Character-per-Second
CIB	Character In Buffer
CLCA	Clear Character Available
CLR	Clear
CNFM	Confirmation (or) Confirm
COV	Cover
CP	Clock Pulse
CPR	Clock Pulse Read
CPS	Cycles Per Second (Mechanical)
CPT	Component
CPW	Clock Pulse Write
CPU	Central Processing Unit
CR	Carriage Return
CRS	Customer Requirement Specification
CRT	Cathode Ray Tube
CTS	Clear to Send
CX	Model C Transmitter
	Model C High Speed Punched Paper Tape Reader, electrical parallel output
CXB	Model C Transmitter Base
CXC	Model C Transmitter Cover

-D-

DA	Denotes INKTRONIC Equipment
DAA	Data Access Arrangement
DAB	Base
DAC	Cabinet
DAD	Printer Drive
DAG	Character Generator
DAIF	Interface
DAP	Page Printer
DAPS	Power Supply
DAPW	Paper Window
DAR	Page Recorder
DARC	Page Recorder Cover
DAT	Paper Transport
DATS	Test Set
DAS	Data Auxiliary Set
db	Decibel
dc	Direct Current
DCD	Data Carrier Detect
DCG	Discrete Calling Generator-

-D- Continued

DC1	Device Control 1
DC2	Device Control 2
DC3	Device Control 3
DC4	Device Control 4
DDD	Direct Distance Dialing
DEL	Delete
DEM0D	Demodulator. Device which converts frequency tones to voltage or current pulses.
DL	Display Logic
DLE	Data Link Escape
DLETE	Delete
DNA	Do Not Answer
D0D	Department of Defense
DP	DATA-PHONE Service
DR	Display Ready
DRPE	Model D Reperforator
DS	Model D High Speed Paper Tape Punch, electrical serial input
DSR	Data Sheet (or) Data Set
DTR	Data Set Ready
DX	Data Terminal Ready
	Model D Transmitter
	Model D High Speed Punched Tape Reader, electrical parallel output
DXD	Distortion Transmitter Distributor
	Signal Distortion Test Set

-E-

ECD	Errors Character Detector
EDC	Error Detection-Correction
EDP	Electronic Data Processing
EIA	Electronics Industries Association
ENQ	Enquiry
EOA	End of Address
EOL	End of Line
EOM	End of Message
EOT	End of Transmission
ESA	Electrical Service Assembly
ESI	Engineering Service Instructions
ESO	Engineering Service Order
ESS	Electronic Switching System (or) Electronic Sequence Selector
ESU	Electrical Service Unit
ETB	End of Transmission Block
ETX	End of Text
EXT	Extended

-F-

F1	Frequency One
F2	Frequency Two
FAX	Facsimile
FB	Function Box (Same as SB)
FDM	Frequency Division Multiplexing
FDX	Full Duplex-able to simultaneously send and receive
FEC	Forward Error Correction
FF	Form Feed (or) Friction Feed
FO	Form Out
FIG(s)	Figure(s)
FM	Frequency Modulated
FP	Full Period (or) Fully Punched
FS	File Separator
FSK	Frequency Shift Keying

-G-

GEN	Generate
GRD	Ground
GS	Group Separator
-H-	
HDX	Half Duplex-able to send or receive, but not simultaneously
HORIZ	Horizontal
HTAB	Horizontal Tabulation
Hz	Hertz
-I-	
ICD	Installation Control Drawing
IDP	Integrated Data Processing
INH	Inhibit
INIT	Initialize
INPT	Input
INQ	Inquiry
INSRT	Insert
INTERFACE	Facts relative to the common boundary area between two devices
INTRPT	Interrupt
I/O	Input/ Output

-K-

K	Keyboard
Kbd	Keyboard
KD	Keyboard-Display
KDP	Keyboard-Display-Printer
KLVR	Key Lever
KSR	Keyboard Send-Receive Set

-K- Continued

K-T Keyboard and Tape
 KTP Keyboard Typing Punch Set
 Set having a Keyboard and a Paper Tape Printing Punch whose output and input are, respectively, mechanical parallel

KTR Keyboard Typing Reperforator Set
 Set having a Keyboard and a Paper Tape Printing Punch whose output and input, respectively, are electrical serial

-L-

L Heavy- Duty and Low Speed, and/or Models 28 and 35 equipment
 LC Lower Case
 LEM Logical End of Media
 LF Line Feed
 LOC Local
 LTRS Letters
 LVL Level
 LAAC Automatic send-receive set Cabinet
 LABD Answer-Back Distributor
 Answer-Back Data Generator Set, electrical serial output

LAC Keyboard send-receive set Cabinet
 LAK Automatic send-receive set Keyboard-base
 Keyboard plus Base for an ASR Set-Keyboard may be electrical serial or parallel output

LARB Multi-magnet Reperforator Base
 LARC Multi-magnet Reperforator Cover
 LARP Multi-magnet Reperforator
 Paper Tape Punch, electrical parallel input

LATP Multi-magnet Tape Printer
 Paper Tape Punch, electrical parallel input

LATR Multi-magnet Typing Reperforator
 Paper Tape Printing Punch, electrical parallel input

LAXB Pivoted-head Transmitter Distributor Base
 LAXD Pivoted-head Transmitter Distributor
 Punched Tape Reader (pivoted-head type), electrical serial output

LB Receive-only set page printer Base
 Base for an RO set

LBAC Universal Cabinet
 LBPC Skintight automatic send-receive set Cover
 LBXB Two-shaft Transmitter Distributor Base
 LBXC Two-shaft Transmitter Distributor Cover
 LBXD Two-shaft Transmitter Distributor
 Punched Paper Tape Reader (distributor type), electrical serial and/or parallel output

LCAC Controller Apparatus Cabinet
 LCCU Call Control Unit (Model 35 only)
 LCL 24 hour timer
 LCXB Two-gate Transmitter Distributor Base

-L- Continued '

LCXD	Two-gate Transmitter Distributor Punched Paper Tape Reader (two-gate type), electrical serial output
LD	Distributor (or) Signal Serializer Converter, electrical parallel input, electrical serial output
LEPCF	Edge Punched Card Feeder
LEPR	Edge Punched Card Printing Reperforator Paper Card Edge Printing Punch, electrical serial input
LEPRB	Edge Punched Card Printing Reperforator Base
LEPRC	Edge Punched Card Printing Reperforator Cover
LEPT	Edge Punched Card Equipment Table
LESU	Electrical Service Unit
LEXB	Edge Punched Card Transmitter Base
LEXC	Edge Punched Card Transmitter Cover
LEXD	Edge Punched Card Transmitter Distributor Edge Punched Paper Card Reader, electrical serial output
LFXB	Pull-back Transmitter Distributor Base
LFXD	Pull-back Transmitter Distributor Punched Paper Tape Reader (pull-back type), electrical serial output
LK	Keyboard send-receive set Keyboard-base Keyboard plus Base for a KSR Set. Keyboard has electrical serial output
LKPC	Keyboard Perforator Cover
LKPE	Keyboard Perforator Set A set having a Keyboard and a Paper Tape Punch having a mechanical parallel output and input, respectively
LKTP	Keyboard Typing Perforator Set A set having a Keyboard and a Paper Tape Printing Punch whose output and input, respectively, are mechanical parallel
LLB	Little receive-only set Base Base for Compact RO Set
LLK	Little keyboard send-receive Set Keyboard-base Keyboard plus Base for a Compact KSR Set. Keyboard has electrical serial output.
LMAB	Multiple Multi-magnet reperforator Base
LMRB	Multiple Reperforator Base
LMU	Motor Unit
LMXB	Multiple Transmitter Base
LP	Page Printer, electrical serial input
LPC	Skintight, send-receive (or) receive-only, set cover
LPE	Perforator Paper Tape Punch, mechanical parallel input
LPK	Perforator Keyboard A Keyboard for a Paper Tape Punch, mechanical parallel output
LPR	Printing Reperforator Paper Tape Printing Punch, electrical serial input
LPW	Paper Winder
LR	Dialing Card Reader
LRB	Reperforator Base
LRC	Reperforator Cover

-L- Continued

LRPE	Reperforator
LRS	Paper Tape Punch, electrical serial input Receiving Selector
LRSB	Converter, electrical serial input, electrical parallel output
LRXB	Receiving Selector Base (or) distributor (LD) base
LS	Reperforator Transmitter Base Sequential Selector Data Recognize, electrical serial input, electrical contact closure output
LSB	Sequential Selector Base
LSC	Sequential Selector Cover
LSRC	Keyboard Send-Receive Tape Printer Cover Keyboard Tape Printer Set Cover
LSS	Stroboscopic Test Set
LST	Stock Ticker Paper Tape Printer, electrical serial input
LT	Table
LTHS	Tape Handling Stand
LTP	Tape Printer Paper Tape Printer, electrical serial input
LTPE	Typing Perforator
LTPK	Paper Tape Printing Punch, mechanical parallel input Tape Printer Keyboard-base
LTRK	Keyboard plus Base for a Tape Printer Set Typing Reperforator Keyboard-base Keyboard plus Base for a KTR Set
LTS	Tape Splicer
LTW	Tape Winder
LX	Transmitter Punched Tape Reader, electrical parallel output
LXCC	Transmitter Code Converter (mechanical type) Translator, Punched Tape to Signal
LXD	Transmitter Distributor Punched Paper Tape Reader (Signal Generator type), electrical serial output
LXDB	Transmitter Distributor Base
LXDC	Transmitter Distributor Cover

-M-

M	Mark (or) Model
MA	Message Available
MARK	Outdated term for binary state 1 condition
MC	Micro Circuit card, having integrated circuits
MIP	Maintenance Index Page
MK	Modification Kit
ML	Micro Logic (or) Multilogic
MODEM	Modulator-demodulator Device which converts transmitted voltage or current pulses into frequency tones, and received tones into voltage or current pulses

-M- Continued

MOS	Metallic Oxide Semi-conductor
MS	Motor Start (or) Mode Select
MTR	Motor
MTBF	Mean Time Between Failures
MTBM	Mean Time Between Maintenance
MTTR	Mean Time to Repair
MU	Motor Unit
MUX	Multiplexer

-N-

NAK	Negative Acknowledge
NC	Next Character
NCB	Next Character Buffer
NCS	No Character Sent
NORM	Normal
NUL	Null

-O-

OC	Operator Console
Off-line Mode	Non-communications mode A mode used to prepare data for communications
On-line Mode	Communications Mode
OL	On- Line
OSC	Oscillator
OOS	Out of Service
OPCON	Operator Console
OPM	Operations Per Minute
ORIG	Originate

-P-

P	Part (or) Punch
PAM	Pulse Amplitude Modulation
PARALLEL SIGNAL	Signal in which pulses (or bits) proceed along parallel paths, side by side
PARITY	Scheme for transmission error control which involves adding a "parity" bit to the (ASCII) Code bits, such that the number of state 1 bits is even (in "even parity" systems) or odd (in "odd parity" systems)
PBDG	Push Button Data Generator, electrical parallel
PCI	Parallel Contact Interface
PCM	Pulse Code Modulation
PDI	Parallel Device Interface
PE	Perforate (or) parity error
PERT	Program Evaluation and Review Technique
PG	Protective Ground
PL	Private Line service (or) Print Local (or) Printer Logic
PM	Phase Modulator
PMI	Parallel Magnet Interface

-P- Continued

PNC	Present Next Character
PO	Purchase Order (or) Printer-Only
POL	Print On- Line
POR	Power on Reset
PPM	Pulse Position Modulation
Print	Mechanical or electrical drawing
PSU	Power Supply Unit
PTI	Parallel Terminal Interface
PTP	Point-to-Point private line
PTR (Ptr)	Printer
PWM	Pulse Width Modulation
PWR	Power

-R-

R	Reader
RB	Receive Buss
RCA	Receive Character Available
RCV	Receive
RDR	Reader
RD	Receive Data
RDA	Receive Data Acknowledge
RDE	Receive Data Error
RDL	Receive Data Level
R & D	Research & Development
REC	Receive
RECT	Rectifier
REJ	Reject
REV	Reverse
RF	Denotes Low Radio-Frequency Noise-Level Equipment
RFI	Radio Frequency Interference
RI	Ring Indicator
RM	Raw Material (or) Receive Message
RNC	Request Next Character
RO	Receive Only Set
ROP	Receive-Only-Printer
ROTR	Receive Only Typing Reperforator Set Paper Tape Printing Punch Set
RPE	Reperforate
RPF	Reperforator
RR	Receiver Ready
RS	Repair Specification (or) Record Separator (or) Receiver Selectable
RT	Reperforator Transmitter Set A Set having a Paper Tape Punch plus a Punched Tape Reader, electrical serial input and output, respectively (or) Receive
Timing	
RTS	Request To Send
RUBOUT	Term applied to punched paper tape, meaning to overpunch a recorded character-with the ASCII character DEL which puts holes at all positions in punched tape. (LETTERS character does this in Baudot Code)

-S-

S	Specification (or) Serial signal
SA	Stuntronic Accessory
SAR	Service Analysis Report
SB	Stunt Box (same as FB) (or) Send Buss
SCA	Send Character Available
SCD	Secondary Carrier Detect
SCR	Serial Clock - Receive
SCS	Shift Control Sample
SCT	Serial Clock - Transmit
SCTS	Secondary Clear To Send
SD	Schematic Diagram
SDL	Send Data Level
SEQ	Sequence
SERIAL SIGNAL	Signal in which pulses (or bits) proceed along a single path, one after another
SF	Sprocket Feed
SG	Signal Ground
SI	Shift In (lower case)
SIG GEN	Signal Generator
SM	Send Message
SMD	Selector Magnet Drive
SN	Switched Network
SNC	Send Next Character
SO	Shift Out (upper case)
SOH	Start Of Heading
SOM	Start of Message
SP	Space
SPACE	Outdated term for binary state 0 condition
SQD	Signal Quality Detector
SR	Sender Ready
S-R	Send-Receive
S/R	Send/Receive
SRS	Secondary Request to Send
SS	Sequence Selector (or) Sender Selectable
SSI	Standard Serial Interface
St	Start
ST	Send Timing
STD	Standard
STA	Station
STR	Selected To Receive
STX	Start of Text
SUB	Substitute
SYN	Synchronize

-T-

T	Transmit(ter)
TADS	Teletypewriter Automatic Dispatch System
TASP	Teletypewriter Automatic Switching Package
TB	Terminal Block
TCN	Teletypewriter Change Notice (Bell)

-T- Continued

TD	Transmitter Distributor Set (or) Transmitted Data
TDA	Transmit Data Acknowledge
TDE	Transmit Data Error
TDM	Time Division Multiplexing
TERM	Terminate (or) Terminal
TF	Tape Feeder
Tape	Unwinder
TGD	Test Generator Data
TGO	Test Generator On
TMAC	Transistorized Multiplexer Apparatus Cabinet
TPERF	Typing Perforator
	Paper Tape Printing Punch, mechanical parallel input
TRSC	Transistorized Receive-Send Converter
TSC	Transmitter Start Code
TSG	Test Signal Generator
TSI	Transmitter Start Indicator
TST	Test
TTC	Two Tape to One Tape Converter
TTR	Tape-to-Tape Receive
TTS	Tape-to-Tape Send
TTY	Teletypewriter (or) Teletype Corporation
TU	Typing Unit
TUW	Tape Unwinder
TW	Tape Winder
TWX	Teletypewriter Exchange Service
TRBL	Trouble
TRPERF	Typing Reperforator
	Paper Tape Printing Punch, electrical serial input

-U-

U	Denotes Standard Duty Models 32 and 33 Equipment
UCC	Call Control Unit
UK	Keyboard, electrical parallel output
UP	Page Printer, electrical serial input
UNW	Unwinder
UPE	Perforator
	Paper Tape Punch, mechanical parallel input
URPE	Reperforator
	Paper Tape Punch, electrical serial input
UT	Table
UX	Transmitter
	Punched Paper Tape Reader, electrical parallel output
UC	Upper Case
UL	Underline
UNAT	Unattended
UNK	Unknown
US	Unit Separator
USOC	Universal Service Ordering Code
USASCII	United States of America Standard Code for Information Interchange

-V-

V	Volatile
VAC	Voltage, Alternating Current
VC	Variation, Combination
VCL	An incomplete Set of High Speed equipment
VCU	Variation, Combination, Model 28 or 35
VCY	An incomplete Set of Model 28 or 35 equipment
VDC	Variation, Combination, Model 32 or 33
VERT	An incomplete Set of Model 32 or 33 equipment
VFC	Variation, Combination, Model 37
VFO	An incomplete Set of Model 37 equipment
VGC	Voltage, Direct Current
VP	Vertical
VS	Vertical Parity
VSL	Variation, Set
VSX	A complete Set of High Speed equipment
VSZ	Variation, Set, Model 28 or 35
VTAB	A complete Model 28 or 35 Set
VTAB	Variation, Set, Model 37
VTAB	A complete Model 37 Set
VTAB	Vertical Tabulation

-W-

W	Denotes Standard Duty Model 38 Equipment
WATS	Wide Area Telephone Service
WD	Wiring Diagram
WO	Work Over
WPM	Words Per Minute
WU	Western Union Telegraph Co.
WESU	Electrical Service Unit
WK	Keyboard, electrical, parallel output
WP	Page Printer, electrical serial input
WPE	Perforator
WX	Paper Tape Punch, mechanical parallel input
WX	Transmitter
WX	Punched Tape Reader, electrical parallel output

-Y-

Y	Denotes Heavy Duty Model 37 Equipment
YAB	Answer-Back
YAC	Answer-Back Data Generator, electrical parallel output
YB	Automatic send-receive set Cabinet
YD	Base
YESU	Distributor Converter, electrical parallel input, electrical serial output
YK	Electrical Service Unit
YK	Keyboard, electrical parallel output

-Y- Continued

YKPB	Keyboard Perforator set Base
YMU	Motor Unit
YP	Page Printer, electrical serial input
YPC	Page Printer Cover
YPR	Printing Reperforator
	Paper Tape Printing Punch, electrical serial input
YT	Table
YTD	Transmitter Distributor
	Punched Paper Tape Reader, electrical serial output
YX	Transmitter
	Punched Paper Tape Reader, electrical parallel output

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