

NO. 400 DATA PACKAGE  
PURPOSE AND GENERAL DESCRIPTION

1. GENERAL

1.001 This addendum supplements Section 580-000-954PT, Issue A.

1.002 It is issued to:

- Correct a typographical error.
- Correct a discrepancy in the information relating to the register operation.
- Revise information pertaining to the power, ringing, and tone circuit.
- Add new part — "Traffic Register Capabilities."

The following change applies to Part 1 of the section:

(a) 1.04 — revised

1.04 A rectangular switching plan is used whereby all ports have access to all other ports via one of 10 horizontal links. Uniform transmission levels are maintained throughout the switch by 44V4-type repeaters associated with each port and all switching is done on a 4-wire basis regardless of the type of facilities terminated at the port.

3. REGISTER

The following change applies to Part 3 of the section:

(a) 3.07 — revised

3.07 When the register hold magnet closes, the transmit and receive tip and ring and the sleeve of the line is cut-through to the R Equalizer. SR and ON relays operate. The off-normal relay

furnishes holding battery and ground for most of the register, closes the dial tone path, and initiates a register attached condition to the calling line. This connection is known as the dial tone connection and is an indication that dialing may proceed.

7. POWER RINGING AND TONE CIRCUIT

The following changes apply to Part 7 of the section:

(a) 7.01 and 7.02 — revised

7.01 The rectifier for the No. 400 Data Package is powered from 105-129 volt, 60 Hz. The tone and ringing supply may be supplied either from this same source or from -48 volt dc.

7.02 Ringing may be either 20- or 30-Hz with superimposed dc.

Part 8 — added

8. TRAFFIC REGISTER CAPABILITIES

8.01 Operating grounds are provided at the crown cable for the following traffic registers:

- Marker Completion (MCPC)
- Register Busy Overflow Peg (RBOP)
- Retry Register Busy Overflow (RTBO)
- Trunk Group Peg (TGP)
- Trunk Group Overflow (TGO)
- Traffic Usage Register (TUR — 20 thru 79)
- All Links Busy Overflow (ALBO)

- Retry Register Peg (RTPO, RTPI)
- Retry Register Timeout (RTTO, RTTI)
- Register Peg (RPO, RPI)

- Register Busy (BYO, BYI)
- No Such Number (NSNO, NSNI)