

A.E. CO. TYPE 101 DIRECTOR SYSTEM  
MAINTENANCE PROCEDURES

1. GENERAL

1.01 This Addendum is reissued to make more changes in GSP 240-205-305, Issue 1. In ink or red pencil, make the changes as indicated in Part 2. This Addendum should then be filed in front of GSP 240-205-305, Issue 1. Marginal arrows indicate the additions to this Addendum.

2. CHANGES AND ADDITIONS

2.01 In the margin, next to paragraphs 3.19, 3.26, 4.08, 4.11 and above Table 6, write "See Addendum".

2.02 Paragraph 3.19 should read as follows:

3.19 The test equipment used to routine the Type 101 Director will depend on the office equipment arrangement. The Type 31 Routine Test Set is used to routine the indial counting chain, codelreed storage, and Register-Sender outpulsing circuit. If the office is arranged for MF outpulsing, the Type 32 Multifrequency Pulsing Routine Test Set will also be used since it gives a visual display of the multifrequency digits outpulsed. No other test equipment should be needed for this routine.

2.03 Paragraph 3.26 should read as follows:

3.26 The time out interval for permanent lines should be approximately 20 seconds for light load conditions and approximately 10 seconds for heavy load conditions. No-code and slow-dialing time out intervals should be approximately 5 seconds under all conditions. For delayed CLR calls, the call should be routed to an operator within 4 seconds after the digit "O" is dialed if no other digits are dialed.

2.04 In the DIGITS DIALED column of Table 6, change the last entry to read: 0 7 or 10 Customer's Dialed Digits.

2.05 Paragraphs 4.08, 4.09, 4.10, 4.11, 4.12, 4.13, and 4.14 must be renumbered 4.09, 4.10, 4.11, 4.12, 4.13, 4.14, and 4.15 respectively.

2.06 The following is the new paragraph 4.08:

4.08 This test is used only for Simplified Translator systems. It checks that the digits dialed into the register-sender are properly converted into two-out-of-five marks and stored in the codelreed cards (refer to Table 1). The A.E.Co. Type 31 Routine Test Set is required to read the digit stored on the codelreed card as the Director outpulses. To perform this test proceed as follows:

- (1) Observe the register-sender SUPY lamp. If the register-sender is idle operate the register-sender BSY key, and connect the Type 31 test set to test jacks 1 and 2 of the register-sender.
- (2) Operate the B/A/C key on the Type 31 test set to the position indicated on the ETN drawings.
- (3) Remove the register-sender equipment cover.
- (4) Operate the RLSE/SEIZE key on the Type 31 test set to Seize. The BUSY lamp will light to indicate the register-sender has seized the Type 31 test set registration circuit.

NOTE: The register-sender's BSY key should be operated to prevent additional seizures. The test set can seize the register-sender with the BSY key operated.

- (5) Manually block the "L" relay non operated.
- (6) Using the Type 31 test set, dial in 13 digits, using all the digits 1 through 0.
- (7) Observe for correct digit storage and count for 13 digit outpulse.
- (8) Remove all test set connections and replace the register-sender equipment cover. Restore the register-sender BSY key to normal.

2.07 Paragraph 4.1 should read as follows:

4.11 To test the register-sender permanent line time out, plug into test jacks land 2 with a hand test telephone and operate the C-R switch to seize the register-sender. The TM1 and NC relays should operate after about 20 seconds and the register-sender

should release. Time out for no-code and slow dialing should also be checked. These calls should time out about 5 seconds after a digit is dialed. The TM1 and NC relays should operate. Relay BB should already be operated before the end of the time out interval.