

FORMS FOR RECORDING
TRANSMISSION MEASUREMENTS AND
MEASUREMENT SCHEDULES

1. GENERAL

1.01.1 This addendum is issued to supplement certain parts of the main section and omit use of E-3893. Paragraphs below follow the numbering of the main section.

1.03.1 The provisions of the main section and this addendum apply to all message type trunks, controlled by Southwestern Company offices, which require manual routine transmission tests at periodic intervals. These are intra-office and inter-office trunks, utilizing gain type devices or outside plant, which a customer may use in the DDD, EAS, or local dialing networks.

1.03.2 The main section and this addendum also apply to all other voice grade services, controlled by Southwestern Company offices, which require manual routine transmission tests at periodic intervals. These are Private Line Telephone Circuits, VF Telegraph Carrier System Layouts, Program channels, Plant Order Circuits, alarm circuits, and protection or patching units which utilize gain type devices or outside plant facilities.

1.03.3 Periodic routine transmission test intervals are furnished in other sections. Manual routine transmission tests shall be scheduled by the control office. The results of such tests shall be recorded by the control office. The control office is one of the terminal offices designated as control on the circuit layout record, trunk order, or equivalent. The basic analysis record used for the control of loss deviations is the recorded results of routine

transmission tests. Routine transmission tests alone do not provide good service. The control office must analyze recorded test results data, and take corrective action to provide good service. Recorded results of routine transmission tests on trunks are also used to determine the loss component of the Trunk Transmission Maintenance Index.

4. TRANSMISSION MEASUREMENT HISTORY - FORM
E-3893

4.01.1 Routine transmission measurements recorded on Form E-5695 (See BSP 660-403-011) may be retained as a history record in lieu of Form E-3893. Completed Forms E-5695 must be retained for a period of at least one year.

4.14.1 Any message type trunk found with an AML deviation exceeding 3.7 db from the specified EML shall be immediately removed from service. The control office, and other involved offices, shall prepare a Central Office Trouble Ticket, Form E-4255, or Toll Service Report Ticket, Form E-1025, as appropriate, to cover message type trunk deviations exceeding 3.7 db. Action taken to clear excessive deviations shall be documented on the log portion of the appropriate trouble ticket.

4.14.2 Maximum AML deviations from specified EML, on voice grade services which require manual routine transmission tests at periodic intervals, are normally furnished in the appropriate test sections for the particular type service. Such maximum deviations are normally in the order of 1.0 db. If maximum permissible deviations are not provided for a particular service, corrective

action should be taken on any deviation which would prevent satisfactory circuit performance. Control offices, and other involved offices, shall prepare appropriate trouble report tickets and document action taken to clear excessive deviations.

5. TRANSMISSION MEASUREMENT SCHEDULE -
Form E-3894

5.01.1 Form E-3894, Transmission Measurement Schedule, shall be used by each control office to schedule manual routine transmission tests of controlled message type trunks, and other voice grade services which require manual routine transmission tests at periodic intervals. Separate forms shall be prepared for each calendar month to indicate the services to be tested during the monthly period.