

**NO. 4A AND 4M SWITCHING SYSTEMS
INEFFECTIVE MACHINE ATTEMPT REPORT
PREPARATION AND ANALYZATION**

1. GENERAL

1.001 This addendum supplements Division H, Section 13d(3), dated June 1975.

1.002 This addendum is issued for the following reasons:

- (a) To add the rating of the section.
- (b) To clarify instructions and to make corrections in Table A—Instructions for Preparing Forms E-3876A and E-3876A (OVS).

2. CHANGES TO SECTION

2.001 On page 1, in the left heading, add *AT&TCo Standard*.

2.002 On the following pages, change and revise Table A as indicated in italics and underscores:

- (a) Page 12, column 1, line 2, change to read as follows: ". . . sender peg count, *column 68*, from the incoming. . ."
- (b) Page 13, column 18, change entry in parentheses to read as follows: (column 16 \div column 1 x 100).
- (c) Page 15, column 75, change entry in parentheses to read as follows: (column 74 \div column 88 x 100).
- (d) Page 16, column 77, change entry in parentheses to read as follows: (column 76 \div column 88 x 100).

(e) Page 16, columns 83 through 85, revise as follows:

Column 83—Enter the electrical busies (EBs) in those offices with the standard arrangement. The standard arrangement causes a second seizure of the overseas sender and routes the call to reorder announcement. As a result, one call encountering an electrical busy scores overseas sender peg count twice, EB peg count once, and ROA peg count once. Since column 83 is used to adjust domestic ROA and overseas sender peg counts, it is important that no figures be entered in column 83 unless for each EB peg count there is an ROA peg count and two overseas sender peg counts.

Column 84—Enter the electrical busies in those offices with the simplified EB arrangement capable of scoring all EB signals. With this arrangement, the call is routed to a tone without a second seizure of the overseas sender, and with no corresponding ROA peg count.

Offices which score only a portion of their EB signals because of a limited simplified EB modification should compute column 84 as follows:

Divide the number of trunk relays which have been modified for a simplified EB arrangement by the total number of trunk relays in service (operator tandem, loop around, transit, and intermachine) which use CCITT No. 5 signaling. Multiply this figure by the EBs scored under the standard arrangement (recorded in column 83) and enter the result in column 84.

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ADDENDUM DIVISION H, SECTION 13d(3)

Column 85—Enter the sum of columns 83 and 84 in column 85. Offices which do not score any EB registrations should place NMS in this column.

- (f) Page 16, column 86, change entry in parentheses to read as follows: (column 85 \div column 88 x 100).

- (g) Page 16, column 87, change entry in parentheses to read as follows: (column 74 + 81 + 83).

- (h) Page 16, add the following:

Column 88—Compute (column 68 – column 83).