DO NOT DISCARD Ef

MANUAL TEST OF INCOMING SELECTOR CIRCUITS

FROM KEY INDICATOR LOCAL AND KEY PULSING OR KEY INDICATOR TOLL OFFICES

USING TEST SET ES-20150-01 OR ES-23984L

GROUND CUTOFF RELAY PANEL OFFICES

1. GENERAL

1.001 This addendum supplements Section A263.323, Issue 2.

1.002 This addendum is issued to include the added LGT key.

4. METHOD

The following changes apply to Part 4 of the section:

(a) 4.02 - revised

(b) 4.24 - revised

(c) 4.26 - added note

4.02 With the L NO, L HLD, L REL and LGT keys ← normal, if provided, operate the compensating resistance keys so that the resistance furnished by the test set added to that wired in the incoming circuit, if provided, will give the total compensating resistance values listed below. No capacity should be introduced in the circuit by the test set.

Resistance of L Relay	Total Compensating Resistance Required for Test
1000 ohms	1500 ohms
500 ohms (206- and 280-type relay in repeating incomings)	900 ohms

Note: In those cases where the test set is not arranged to provide the exact amount of resistance required, the next lowest value which it is possible to obtain should be used.

4.24 With the L NO, L HLD, L REL and LGT keys ← normal, if provided, operate the compensating resistance and capacity keys to provide the proper values as follows:

Test Set	Compensating Resistance in Circuit: 200 Ohms or Less	Compensating Resistance in Circuit: More Than 200 Ohms
ES-20150-01 or ES-23984L with 1.38 MF key	(1300-r) ohms 1.38 MF key	(1300-r) ohms 1.38 MF key
ES-20150-01 with FCR key	FCR key	(1300-r) ohms 1.25 MF key
ES-23984L with FCR key	FCR key	*(1500-r) ohms
ES-23984L without FCR or 1.38 MF keys	*(1500-r) ohms	*(1500-r) ohms

Note 1: In the table, the letter "r" refers to the compensating resistance wired in the incoming circuit under test. This value should be subtracted from the 1300- or 1500-ohm values to determine the compensating resistance required and the keys to be operated.

Note 2: The asterisk (*) indicates that the compensating resistance keys should be operated in the MF (capacity) direction. This connects both resistance and capacity in the circuit.

Note 3: In those cases where the test set is not arranged to provide the exact amount of resistance required, the next lowest value which it is possible to obtain should be used.

4.26 (Add at end of this paragraph) ←

Note 3: The LGT key is operated in addition to the other keys specified when testing repeating incoming selectors modified for the 280-type L relay. When making these tests, all compensating resistance in the incoming selector circuit shall be short-circuited.