

**REPLACING PAGE ADDENDUM**

**Filing Instructions:**

1. REMOVE FROM THE SECTION THE PAGES NUMBERED THE SAME AS THOSE ATTACHED TO THIS PINK SHEET.
2. INSERT THE ATTACHED PAGES INTO THE SECTION IN THEIR PLACE.
3. PLACE THIS PINK SHEET AHEAD OF PAGE 1 OF THE SECTION.

**DIAL TONE MARKER CIRCUITS  
TESTS USING OFFICE TEST FRAME  
NO. 5 CROSSBAR OFFICES**

**1. GENERAL**

**1.001** This addendum supplements Section 218-420-501, Issue 1. The attached pages must be inserted in the section in accordance with the filing instructions above.

**1.002** This addendum is issued to revise Steps 13 and 20 of Test G, covering the test of channel preference and selection.

**4. METHOD**

The following changes apply to Part 4 of the section:

- (a) Test G, Steps 13 and 20 — revised

**Attached:**

Page 11 dated February 1964, revised.

Page 12 dated February 1964, reissued.



STEP	ACTION	VERIFICATION
10	Block nonoperated relays JSQ1, JSO, SQA. <i>Note:</i> This will cause marker to use JSQ0 only.	
11	Operate white key on 32A test set momentarily.	CH- relay (of most preferred idle channel for first trial) operates momentarily.
12	Operate red key on 32A test set momentarily.	
→ 13	Block nonoperated TCH- relay corresponding with CH- relay operated in Step 11.	
14	Repeat Steps 11, 12 and 13 until the least preferred CH- relay has been operated.	CH- relay (of next higher preferred idle channel for first trial) operates momentarily.
15	Remove blocking tools from all TCH- relays.	
16	Connect upper winding of D relay to upper winding of TR2A relay.	
17	Block nonoperated XTRK relay.	
18	Operate white key on 32A test set momentarily.	CH- relay (of most preferred idle channel for second trial) operates momentarily.
19	Operate red key on 32A test set momentarily.	
→ 20	Block nonoperated TCH- relay corresponding with CH- relay operated in Step 18.	
21	Repeat Steps 18, 19 and 20 until the least preferred CH- relay has been operated.	CH- relay (of next higher preferred idle channel for second trial) operates momentarily.
22	Remove test connection between D relay and TR2A relay.	
23	Remove blocking tools from TCH- relays.	
24	Remove blocking tools from XTRK, JSO, JSQ1, SQA relays.	
<b>H. False Cross and Ground Test Feature — FCG Relay</b>		
5	At dial tone marker — Connect 59,000-ohm resistor across fixed contacts 10 and 11 of FAK relay.	

**SECTION 218-420-501**

<b>STEP</b>	<b>ACTION</b>	<b>VERIFICATION</b>
6	At OTF — Operate ST key.	At TIC bay — Display registered. DR —, FCG lamps light. 2TR lamp does not light. At OTF — Dial tone heard.
7	Restore ST key.	Dial tone removed.
8	At TIC bay — Operate RLS key momentarily.	At TIC bay — Display releases.
9	At line link frame — Connect contact 2T of L relay associated with originating test line to upper winding of TR1 relay.	
10	At OTF — Operate ST key.	Display registered. DR —, FCG, 2TR lamps light. At OTF — Dial tone heard.
11	Restore ST key.	Dial tone removed.
12	At TIC bay — Operate RLS key momentarily.	At TIC bay — Display releases.
13	At marker — Remove resistor from FAK relay contacts.	
14	At line link frame — Remove connection from L and TR1 relays.	

**I. Continuity Test Feature**

6	At dial tone marker — Insulate contact 12B of GT1 relay and block nonoperated HTR relay.	
7	If JLO relay is operated — Manually release it.	
8	Operate white key on 32A test set momen- tarily.	At TIC bay — Display registered. DR — lamp lights. CON lamp does not light. At OTF — Dial tone heard.
9	Operate red key on 32A test set momen- tarily.	Dial tone removed.