

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.

**COMPLETING MARKERS
TESTS USING OFFICE TEST FRAME
NO. 5 CROSSBAR OFFICES**

1. GENERAL

1.001 This addendum supplements Section 218-422-501, 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 17 and 25 of Test H, covering test of channel preference, to revise Steps 8, 12, 14, 18, 22, 23a and 26a of Test O, for testing non-allotted PBX group preference feature and to revise Steps 8 and 11 of Test P, for testing PBX group — end of block hunting feature.

4. METHOD

The following changes apply to Part 4 of the section:

- (a) Test H, Steps 17 and 25 — revised
Test O, Steps 8, 12, 14, 18, 22, 23a and 26a — revised
Test P, Steps 8 and 11 — revised

Attached:

- Page 19 dated February 1964, revised.
Page 20 dated February 1964, revised.
Page 29 dated February 1964, revised.
Page 30 dated February 1964, revised.
Page 31 dated February 1964, revised.
Page 32 dated February 1964, reissued.



STEP	ACTION	VERIFICATION
4	At jack, lamp and key circuit — Insert make-busy plug into OGT-MB jack of trunk selected.	
5	At OTF — Operate FS- key corresponding to trunk link frame number of selected trunk.	
6	Insert make-busy plug into TS- jack for selected trunk.	
7	Operate OTL, 7D, NT, and MCB keys.	
8	Operate CL- key depending on class of service of route selected.	
9	Operate A- through G- DIAL switches for outgoing trunk route and any test line number in called office.	
10	Operate MKR- key for marker under test.	
11	Operate REC key.	
12	At marker — Advance junctor sequence circuit by operating JSQ- relays until JSQ0 relay operates.	
13	Block nonoperated JSQ1, JSO and SQA relays. <i>Note:</i> This will force marker into sequence 0 (JSQ0) at all times.	
14	At OTF — Operate ST key.	At TIC bay — Display registered. CH- lamp of most preferred idle channel for first trial lights.
15	Restore ST key.	
16	At TIC bay — Operate RLS key momentarily.	Display released.
→ 17	At marker — Block nonoperated TCH- relay associated with CH- lamp in Step 14.	
18	Repeat Steps 14 through 17 until the least preferred channel has been selected.	Display registered. CH- lamp of next preferred idle channel for first trial lights.

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STEP	ACTION	VERIFICATION
19	Remove blocking tools from all TCH- relays.	
20	Block operated TR2A relay.	
21	Block nonoperated XTRK relay.	
22	At OTF — Operate ST key.	Display registered. CH-lamp of most preferred idle channel for second trial lights.
23	Restore ST key.	
24	At TIC bay — Operate RLS key momentarily.	Display released.
→ 25	At marker — Block nonoperated TCH- relay associated with CH- lamp in Step 22.	
26	Repeat Steps 22 through 25 until the least preferred channel has been selected.	Display registered. CH-lamp of next preferred idle channel for second trial lights.
27	At marker — Remove blocking tools from TCH-, JSQ1, TR2A, JSO, SQA and XTRK relays.	
28	At jack, lamp and key circuit — Remove make-busy plugs from M-C-MB and OGT-MB jacks.	
29	At OTF — Remove make-busy plug from TS- jack.	

I. Reverting Call Feature

- 2 At OTF —
Operate OTL, 7D and MCB keys, and GPA or GPB key as required.
- 3 Operate A- through G- DIAL switches to select intraoffice code and originating test line (OTL) number.
- 4 Operate MKR- key for marker under test.

Reverting Trunks Provided

- 5 Operate CL- key to select flat rate two-party class of service.
- 6 Operate REC key.

STEP	ACTION	VERIFICATION
3	Operate CL- key depending on class of service or route selected.	
4	Select from office records an unassigned directory number.	
5	At OTF — Operate A- through G- DIAL switches to select intraoffice code and directory number selected in Step 4.	
6	Operate MKR- key for marker under test.	
7	At number group frame — Connect L- punching of unassigned line number to any LL- punching.	
8	At OTF — Operate TLK key.	
9	Operate ST key.	Call completes to trouble intercept operator.
10	Restore ST key.	Connection released.
11	At number group frame — Remove connection from L- and LL- punchings.	
O. Nonallotted PBX Group Preference Feature		
2	Select from office records a nonallotted PBX group which has the largest number of lines in one tens block.	
3	At OTF — Operate OTL, 7D, and MCB keys.	
4	Operate CL- key depending on class of service of route selected.	
5	Operate CB and PBX2 keys.	
6	Operate A- through G- DIAL switches to select intraoffice code and lowest line number in selected nonallotted PBX group.	
7	Operate MKR- key for marker under test.	
→ 8	Insert make-busy plugs into S- jacks or operate S- keys, if provided, corresponding to lowest and next higher units digit of nonallotted PBX group.	

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STEP	ACTION	VERIFICATION
9	At OTF — Operate ST key.	At TIC bay — Display registered. DR-, FUT-, VGT-, HGT-, and VFT- lamps light for line location associated with lower units digit with plugs in S- jacks or operated S- key.
10	Restore ST key.	
11	At TIC bay — Operate RLS key momentarily.	Display released.
→ 12	Remove make-busy plugs from S- jacks or restore S- keys, if provided.	
13	Repeat Steps 8 through 12, applying reference to first and second units digits to two consecutive units digits (second and third, third and fourth, etc, as required) until last units digit of nonallotted PBX has been referred to as a second units digit.	Same as Step 9.
→ 14	Insert make-busy plug into S- jack or operate S- key, if provided, corresponding to highest unit digit of nonallotted PBX group.	
15	Repeat Steps 9 through 12 for highest unit digit.	Display registered. DR-, FUT-, VGT-, HGT-, and VFT- lamps light for line location associated with highest unit digit.
16	At marker frame — Connect positive side of diode to upper winding terminal of OR relay and negative side to upper winding terminal of TR2 relay.	
17	Block nonoperated XTRK relays.	
→ 18	Repeat Steps 8 through 15, applying reverse order of reference to units digits and S- jacks or operated S- key, starting with highest and next lower units digit.	Display registered. DR-, FUT-, VGT-, HGT-, and VFT- lamps light for line location associated with higher units digit with plugs in S- jacks or operated S- key.
19	At marker — Remove diode from OR and TR2 relays.	
20	Remove blocking tool from XTRK relay.	
21	At OTF — Restore CB key.	
→ 22	Remove make-busy plug from S- jack or restore S- key, if provided.	

STEP	ACTION	VERIFICATION
→ 23a	If nonallotted PBX group has less than ten line numbers — At OTF — Insert make-busy plug into S- jack or operate S- key, if provided, corresponding to any units digit not associated with PBX group.	
24a	Operate ST key.	At OTF — Busy tone heard.
25a	Restore ST key.	Tone removed.
→ 26a	Remove make-busy plug from S- jack or restore S- key, if provided.	

P. PBX Group — End of Block Hunting Feature

2	Select from office records a PBX group which has more than one tens block.	
3	At OTF — Operate OTL, 7D, MCB keys.	
4	Operate CL- key depending on class of service of route selected.	
5	Operate CB, PBX2 keys.	
6	Operate A- through G- DIAL switches to select intraoffice code and highest line number in lower tens block.	
7	Operate MKR- key for marker under test.	
→ 8	Insert make-busy plug into S- jack or operate S-key, if provided, corresponding to units digit of first line number of next higher tens block.	
9	At OTF — Operate ST key.	At TIC bay — Display registered. DR-, FUT-, VGT-, HTG- and VFT- lamps light for line location associated with first line number in next higher tens block.
10	Restore ST key.	
→ 11	Remove make-busy plug from S- jack or restore S- key, if provided.	
12	At TIC bay — Operate RLS key momentarily.	Display released.

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STEP	ACTION	VERIFICATION
13a	If PBX group has more than two tens blocks — Repeat Steps 6 through 12 for each additional tens block.	
Q. Outgoing Sender Preference and Lockout Feature		
	At jack, lamp and key circuit — Insert make-busy plug into M-C-MB jack of marker under test.	
	Select from office records a nonallotted outgoing route having maximum number of senders available.	
4	At OTF — Operate OTL, 7D, and MCB keys.	
5	Operate CL- key depending on class of service of route selected.	
6	Operate A- through G- DIAL switches for outgoing trunk route and any test line number.	
7	Operate MKR- key for marker under test.	
8	Operate REC key.	
9	Operate ST key.	At TIC bay — Display registered. DR-, SSA and OS- lamps light.
10	Restore ST key. <i>Note:</i> If SSB lamp lights repeat Steps 9 and 10.	
11	At TIC bay — Operate RLS key momentarily.	Display released.
12	At marker — Block operated SKA relay.	
13	Repeat Steps 9, 10 and 11.	Display registered. DR-, SSA and OS- lamps light.
14	At marker — Remove blocking tool from SKA relay.	
15	Block operated SKB relay.	