

NO. 3 ESS
 OPERATIONAL TESTING
 CALL FORWARDING FEATURE

CONTENTS

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| <p>1. GENERAL INFORMATION</p> <p>1.1 Description</p> <p>1.2 Sequence</p> <p>1.3 References</p> <p>2. RECORDS AND REQUIREMENTS</p> <p>2.1 Records</p> <p>2.2 Requirements</p> | <p>3. TEST EQUIPMENT</p> <p>4. PRELIMINARY INFORMATION</p> <p>5. TEST PROCEDURES</p> |
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1. GENERAL INFORMATION
- 1.1 Description
- 1.11 The purpose of this section is to test the operation of the Call Forwarding Feature on an operational system basis.
- 1.2 Sequence
- 1.21 These tests are performed after the 500 Series tests. Refer to Section 1 of this handbook for further preferred test sequence.
- 1.3 References
- 1.31 The following documents will be useful as references for the execution of these tests:
- | <u>Document</u> | <u>Title</u> |
|---------------------|---|
| HB 269,
Sec. 600 | Planning Information for
Operational Testing |
| Office
Records | Directory Number Tables |
2. RECORDS AND REQUIREMENTS
- 2.1 Records: The results of the test of this section shall be recorded on forms SD-97-1313 and SD-97-1315. For detailed information on filling out test records see Section 6B, Handbook 3.
- 2.2 Requirements: The tests in this section are based on the No. 3 ESS Performance Requirements BSP 820-650-180.

3. TEST EQUIPMENT
- 3.1 The following test equipment is necessary for the performance of these tests:
- | <u>Amt.</u> | <u>No.</u> | <u>Description</u> |
|-------------|---------------------------|---------------------------------|
| 3 | 2500D
(TElCo Supplied) | Test Telephones
(TOUCH-TONE) |
4. PRELIMINARY INFORMATION
- 4.1 Before beginning these tests, it will be necessary for the installer to locate a test line in the office that is equipped with all the custom calling services (refer to Office Records #3100 for all the information regarding this line). The installer will choose two (2) additional test lines and related information for the performance of these tests.
- 4.11 Connect test phones to each of these lines. Designate the line with all the custom calling features as "A" party. The other two lines are designated "B" party and "C" party.
5. TEST PROCEDURE
- 5.1 The call forward service allows a customer to condition the telephone so that any calls destined for it are automatically forwarded to another telephone within the free calling area. During the time this service is active, the telephone still may be used in the normal manner.
- 5.2 Table A is a sequential method of using the call forwarding feature.

NOTICE - NOT FOR USE OR DISCLOSURE OUTSIDE THE
 BELL SYSTEM EXCEPT UNDER WRITTEN AGREEMENT

TABLE A

STEP	PROCEDURE	RESULT	COMMENTS
1	Lift test telephone "A" off-hook.	Verify dial tone.	
2	Dial	Verify a second dial tone.	
3	Dial directory number of test telephone "B".	Test phone "B" rings.	
4	Lift test telephone "B" off-hook.	Verify talking path between test phones "A" and "B".	
5	Replace both test phones on-hook.	Test phone "A" should now be forwarded to test phone "B".	
6	Lift test phone "C" off-hook.	Verify dial tone.	
7	From test phone "C" dial test phone "A".	Test phone "B" should ring.	
8	Lift test phone "B" off-hook.	Verify talking path between test phones "B" and "C".	
9	Replace test phones on-hook.	Release talking path.	
10	Lift test phone "A" off-hook.	Verify dial tone.	
11	Dial	Verify two bursts of dial tone.	Call forwarding is released.
12	Replace test phone "A" on-hook.		
13	Lift test phone "C" off-hook.	Verify dial tone.	
14	Dial directory number of test phone "A" from test phone "C".	Test phone "A" rings.	
15	Lift test phone "A" off-hook.	Verify talking path between "A" and "C".	
16	Replace both test phones on-hook.	Talking path is released.	