NO. 3 ESS
CONTINUITY TESTS
MISCELLANEOUS POWER FRAME

CONTENTS

1. GENERAL INFORMATION

1.1 Description

1.11 This section provides a method for verifying continuity of installer-run cables originating at the Miscellaneous Power (MP) Frame.

1.2 Sequence

1.21 These tests should be performed after all interframe cables originating at the MP Frame have been run and connected.

1.22 These tests should be completed prior to MP Frame Power Tests (Handbook 21, Section 399).

1.3 Records

1.31 The results of these tests should be recorded on SD-97-1313 and SD-97-1315 forms. Detailed information on completing these forms appears in Handbook 3, Section 6B.

1.4 References

1.41 The following documents may be useful as references during the performance of these tests:

Document	Title
SD-3H902-01	Control Frame Circuit
SD-3H905-01	Miscellaneous Power Circuit
SD-3H912-01	Scanner, Peripheral Pulse Distributor and Peripheral Decoder Assignment Rules
SD-82255-01	Ringing, Tone, and Signaling Circuits

2. TEST EQUIPMENT

2.1 Test Set

Amt.	ITE	Description
1	4525A	Tone Buzzer Test Set

Included in ITE-5653, No. 3 ESS Test Accessory Set.

3. TEST PREPARATION

3.1 Table Information

3.11 Table A provides lead termination information for scanner leads from the MP Frame converters to Control Frame (0) master scanner terminal strip.

3.12 Table B provides lead termination information for scanner leads from the MP Frame Ringing and Tone Plant to Control Frame (0) master scanner terminal strip.

3.13 Table C provides lead termination information for leads from the MP Frame Ringing and Tone Plant to the CDF.

3.2 Test Set Calibration

3.21 Calibrate the test set per Handbook 269, Section 100, paragraph 4.2.

4. TEST PROCEDURE

4.1 Operate the test set per Handbook 269, Section 100, paragraph 4.3.

4.2 Perform continuity tests on the leads specified in Tables A through C.

TABLE A

FROM MISC PWR FRAME				TO CONTROL FRAME (0)		
LEAD DESIG	UNIT (EQL)	TERM STRIP	TERM	TERM STRIP	TERM ROW	TERM COL
→ 002609H,LF	J3H001EC	(D)	18,28	00	26H,L	09
→ 002610H,LF	(064)		38,48		26H,L	10
002611H,LF			37,47		26H,L	11
002115H,LF			36,46		21H,L	15
002708H,LF	J3H001ED	(A)	17,13		27H,L	08
002709H,LF	(074)		18,23		27H,L	09
002710H,LF	CKT(1)		16,22		27H,L	10
002011H,LF			21,11		20H,L	11
002510H,LF	J3H001ED	(A)	17,27		25H,L	10
002411H,LF	(078)		18,28		24H,L	11
002412H,LF	CKT(0)		16,26		24H,L	12
002208H,LF			21,11	00	22H,L	08

TABLE B

FROM MISC POWER FRAME (RINGING & TONE PLANT)			TO CONTROL FRAME (0)		
LEAD DESIG	TERM STRIP	TERM	TERM STRIP	TERM ROW	TERM COL
→ SC(01)H,L	(B)	11,10	00	18H,L	04
(02)		13,12		22	05
(03)		15,14		16	13
(04)		17,16		18	03
(24)		21,20		17	14
(25)		23,22		27	06
(10)		27,26		16	14
(11)		31,30		17	13
(12)		33,32		17	11
(13)		35,34		17	12
(14)	(B)	37,36		16	15
(19)	(A)	01,00		22	04
(21)		03,02		16	12
(16)		05,04		21	14
(17)		07,06		27	11
(18)		11,10		22	03
(20)		14,13		16	11
(22)		17,16		17	03
(23)		21,20		23	06
(15)		23,22		17	04
(05)		27,26		22	06
(06)		31,30		23	05
(07)		33,32		23	03
(08)		35,34		23	04
SC(09)H,L	(A)	37,36	00	22H,L	07

TABLE C

FROM MISC POWER FRAME (RINGING & TONE PLANT)			TO CDF	
LEAD DESIG	TERM STRIP	TERM	LOC	TERM
OAST	(C)	34	CONSULT OFFICE RECORDS FOR ASSIGNMENT	
OAST1		35		
120-OA-1		36		
120-OA-2		37		

→ Arrows indicate new or changed information.

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