

NO. 3 ESS
 CONTINUITY TESTS
 FOR CONTROL FRAME 1
 AND NETWORK FRAME 8
 ADDITIONS

CONTENTS

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|------------------------|---------------------|
| 1. GENERAL INFORMATION | 3. TEST PREPARATION |
| 2. TEST EQUIPMENT | 4. TEST PROCEDURE |

<p>1. <u>GENERAL INFORMATION</u></p> <p>1.1 <u>Description</u></p> <p>1.11 This section provides a method for verifying continuity of installer-connected cables.</p> <p>1.2 <u>Sequence</u></p> <p>1.21 These tests shall be performed after all cables have been run and connected.</p> <p>1.22 These tests should be completed prior to Power Verification Tests (Handbook 269, Section 730.03).</p> <p>1.3 <u>Records</u></p> <p>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.</p> <p>1.4 <u>References</u></p> <p>1.41 The following documents may be useful references during the performance of these tests.</p> <table border="0" style="margin-left: 40px;"> <tr> <td style="text-align: right;"><u>Document</u></td> <td style="text-align: left;"><u>Title</u></td> </tr> <tr> <td style="text-align: right;">SD-3H901-01</td> <td style="text-align: left;">Network Frame Circuit</td> </tr> <tr> <td style="text-align: right;">SD-3H902-01</td> <td style="text-align: left;">Control Frame Circuit</td> </tr> </table>	<u>Document</u>	<u>Title</u>	SD-3H901-01	Network Frame Circuit	SD-3H902-01	Control Frame Circuit	<table border="0" style="margin-left: 40px;"> <tr> <td style="text-align: right;"><u>Document</u></td> <td style="text-align: left;"><u>Title</u></td> </tr> <tr> <td style="text-align: right;">SD-3H120-01</td> <td style="text-align: left;">15A Grid Circuit</td> </tr> <tr> <td style="text-align: right;">SD-3H220-01</td> <td style="text-align: left;">Universal Trunk Circuit</td> </tr> <tr> <td style="text-align: right;">SD-3H404-01</td> <td style="text-align: left;">Multifrequency Transmitter Circuit</td> </tr> <tr> <td style="text-align: right;">SD-3H410-01</td> <td style="text-align: left;">CDPR & RR Circuit</td> </tr> <tr> <td style="text-align: right;">SD-3H411-01</td> <td style="text-align: left;">Coin Control & Recorded Announcement Circuit</td> </tr> <tr> <td style="text-align: right;">ED-3H100-30</td> <td style="text-align: left;">Interframe Connectorized Cabling</td> </tr> <tr> <td style="text-align: right;">ED-3H100-31</td> <td style="text-align: left;">Non-connectorized Cabling</td> </tr> <tr> <td style="text-align: right;">CCJ-3H100-30</td> <td style="text-align: left;">Cable Connecting Sheets</td> </tr> <tr> <td style="text-align: right;">CCJ-3H100-31</td> <td style="text-align: left;">Cable Connecting Sheets</td> </tr> </table> <p>2. <u>TEST EQUIPMENT</u></p> <p>2.1 <u>Test Sets</u></p> <table border="0" style="margin-left: 40px;"> <tr> <td style="text-align: right;"><u>Amt.</u></td> <td style="text-align: right;"><u>ITE</u></td> <td style="text-align: left;"><u>Description</u></td> </tr> <tr> <td style="text-align: right;">1</td> <td style="text-align: right;">4525A</td> <td style="text-align: left;">Tone Buzzer Test Set</td> </tr> <tr> <td style="text-align: right;">1</td> <td style="text-align: right;">9424</td> <td style="text-align: left;">Cord 6' long with ITE-2461 sockets at both ends.</td> </tr> <tr> <td style="text-align: right;">1</td> <td style="text-align: right;">5477C</td> <td style="text-align: left;">Extender Board</td> </tr> </table> <p>3. <u>TEST PREPARATION</u></p> <p>3.1 For test set calibration see Handbook 269, Section 100.</p> <p>4. <u>TEST PROCEDURE</u></p> <p>4.1 Continuity check the cables listed in the following tables:</p> <table border="0" style="margin-left: 40px;"> <tr> <td style="text-align: right;"><u>Table</u></td> <td style="text-align: left;"><u>Function</u></td> </tr> <tr> <td style="text-align: right;">I</td> <td style="text-align: left;">T&R Leads Stage I</td> </tr> <tr> <td style="text-align: right;">II</td> <td style="text-align: left;">Universal Trunks</td> </tr> <tr> <td style="text-align: right;">III</td> <td style="text-align: left;">MF Transmitters</td> </tr> <tr> <td style="text-align: right;">IV</td> <td style="text-align: left;">Coin Control Recorded Announcement</td> </tr> </table>	<u>Document</u>	<u>Title</u>	SD-3H120-01	15A Grid Circuit	SD-3H220-01	Universal Trunk Circuit	SD-3H404-01	Multifrequency Transmitter Circuit	SD-3H410-01	CDPR & RR Circuit	SD-3H411-01	Coin Control & Recorded Announcement Circuit	ED-3H100-30	Interframe Connectorized Cabling	ED-3H100-31	Non-connectorized Cabling	CCJ-3H100-30	Cable Connecting Sheets	CCJ-3H100-31	Cable Connecting Sheets	<u>Amt.</u>	<u>ITE</u>	<u>Description</u>	1	4525A	Tone Buzzer Test Set	1	9424	Cord 6' long with ITE-2461 sockets at both ends.	1	5477C	Extender Board	<u>Table</u>	<u>Function</u>	I	T&R Leads Stage I	II	Universal Trunks	III	MF Transmitters	IV	Coin Control Recorded Announcement
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SD-3H901-01	Network Frame Circuit																																																
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TABLE 1 - T&R STAGE I

CABLE DESIG	LEAD DESIG	EQL	296-6C SW TERMS	TEST AT ASSOC 951A CONN TERMS	LOC	TERMS
ZB308	T,R0000	058-08	F002,F102	000,100	D05	006,007
	0001		F003,F103	001,101		016,017
	0002		F004,F104	002,102		026,027
	0003		F005,F105	003,103		036,037
	0004		F006,F106	004,104		046,047
	0005		F007,F107	005,105		056,057
	0006		F008,F108	006,106		066,067
	0007		F009,F109	007,107		076,077
	0010		F010,F110	008,108		004,007
	0011		F011,F111	009,109		014,017
	0012		F012,F112	010,110		024,027
	0013		F013,F113	011,111		034,037
	0014		F014,F114	012,112		044,047
	0015		F015,F115	013,113		054,057
	0016		F016,F116	014,114		064,067
	T,R0017		F017,F117	015,115		074,077
	T,R0020		F302,F402	000,100		002,003
	0021		F303,F403	001,101		012,013
	0022		F304,F404	002,102		022,023
	0023		F305,F405	003,103		032,033
	0024		F306,F406	004,104		042,043
	0025		F307,F407	005,105		052,053
	0026		F308,F408	006,106		062,063
	0027		F309,F409	007,107		072,073
	0030		F310,F410	008,108		000,003
	0031		F311,F411	009,109		010,013
	0032		F312,F412	010,110		020,023
	0033		F313,F413	011,111		030,033
	0034		F314,F414	012,112		040,043
	0035		F315,F415	013,113		050,053
	0036		F316,F416	014,114		060,063
	T,R0037	058-08	F317,F417	015,115		070,073
	T,R0100	065-08	F002,F102	000,100		086,087
	0101		F003,F103	001,101		096,097
	0102		F004,F104	002,102		006,007
	0103		F005,F105	003,103		016,017
	0104		F006,F106	004,104		026,027
	0105		F007,F107	005,105		036,037
	0106		F008,F108	006,106		046,047
	0107		F009,F109	007,107		056,057
	0110		F010,F110	008,108		084,085
	0111		F011,F111	009,109		094,095
	0112		F012,F112	010,110		104,105
	0113		F013,F113	011,111		114,115
	0114		F014,F114	012,112		124,125
	0115		F015,F115	013,113		134,135
	0116		F016,F116	014,114		144,145
	T,R0117		F017,F117	015,115		154,155
	T,R0120		F302,F402	000,100		082,083
	0121		F303,F403	001,101		092,093
	0122		F304,F404	002,102		002,003
	0123		F305,F405	003,103		012,013
	0124		F306,F406	004,104		022,023
	0125		F307,F407	005,105		032,033
	0126		F308,F408	006,106		042,043
	0127		F309,F409	007,107		052,053
	0130		F310,F410	008,108		080,081
	0131		F311,F411	009,109		090,091
	0132		F312,F412	010,110		000,001
	0133		F313,F413	011,111		010,011
	0134		F314,F414	012,112		020,021
	0135		F315,F415	013,113		030,031
	0136		F316,F416	014,114		040,041
	T,R0137	065-08	F317,F417	015,115	D05	050,051

TABLE 1 (Cont.)

CABLE DESIG	LEAD DESIG	EQL	296-6C SW TERMS	TEST AT ASSOC 951A CONN TERMS	LOC	TERMS	
ZB308	T,R0200	072-08	F002,F102	000,100	D05	166,167	
	0201		F003,F103	001,101		176,177	
	0202		F004,F104	002,102		186,187	
	0203		F005,F105	003,103		196,197	
	0204		F006,F106	004,104		206,207	
	0205		F007,F107	005,105		216,217	
	0206		F008,F108	006,106		226,227	
	0207		F009,F109	007,107		236,237	
	0210		F010,F110	008,108		164,165	
	0211		F011,F111	009,109		174,175	
	0212		F012,F112	010,110		184,185	
	0213		F013,F113	011,111		194,195	
	0214		F014,F114	012,112		204,205	
	0215		F015,F115	013,113		214,215	
	0216		F016,F116	014,114		224,225	
	T,R0217		F017,F117	015,115		234,235	
	T,R0220	F302,F402		000,100	162,163		
	0221	F303,F403		001,101	172,173		
	0222	F304,F404		002,102	182,183		
	0223	F305,F405		003,103	192,193		
	0224	F306,F406		004,104	202,203		
	0225	F307,F407		005,105	212,213		
	0226	F308,F408		006,106	222,223		
	0227	F309,F409		007,107	232,233		
	0230	F310,F410		008,108	160,161		
	0231	F311,F411		009,109	170,171		
	0232	F312,F412		010,110	180,181		
	0233	F313,F413		011,111	190,191		
	0234	F314,F414		012,112	200,201		
	0235	F315,F415		013,113	210,211		
	0236	F316,F416		014,114	220,221		
	T,R0237	F317,F417	072-08	015,115	D05	230,231	
	ZB323	T,R0040	058-14	F002,F102	000,100	D06	006,007
		0041		F003,F103	001,101		016,017
0042		F004,F104		002,102	026,027		
0043		F005,F105		003,103	036,037		
0044		F006,F106		004,104	046,047		
0045		F007,F107		005,105	056,057		
0046		F008,F108		006,106	066,067		
0047		F009,F109		007,107	076,077		
0050		F010,F110		008,108	004,005		
0051		F011,F111		009,109	014,015		
0052		F012,F112		010,110	024,025		
0053		F013,F113		011,111	034,035		
0054		F014,F114		012,112	044,045		
0055		F015,F115		013,113	054,055		
0056		F016,F116		014,114	064,065		
T,R0057		F017,F117			015,115		D05
T,R0060		F302,F402		000,100	D06	002,003	
0061		F303,F403		001,101	012,013		
0062		F304,F404		002,102	022,023		
0063		F305,F405		003,103	032,033		
0064		F306,F406		004,104	042,043		
0065		F307,F407		005,105	052,053		
0066		F308,F408		006,106	062,063		
0067		F309,F409		007,107	072,073		
0070	F310,F410		008,108	000,001			
0071	F311,F411		009,109	010,011			
0072	F312,F412		010,110	020,021			
0073	F313,F413		011,111	030,031			
0074	F314,F414		012,112	040,041			
0075	F315,F415		013,113	050,051			
0076	F316,F416		014,114	060,061			
T,R0077	F317,F417	058-14	015,115	D06	070,071		

TABLE 1 (Cont.)

CABLE DESIG	LEAD DESIG	EQL	296-6C SW TERMS	TEST AT ASSOC 951A CONN TERMS	LOC	TERMS
ZB323	T,R0140	065-14	F002,F102	000,100	D06	086,087
	0141		F003,F103	001,101		096,097
	0142		F004,F104	002,102		006,007
	0143		F005,F105	003,103		016,017
	0144		F006,F106	004,104		026,027
	0145		F007,F107	005,105		036,037
	0146		F008,F108	006,106		046,047
	0147		F009,F109	007,107		056,057
	0150		F010,F110	008,108		084,085
	0151		F011,F111	009,109		094,095
	0152		F012,F112	010,110		004,005
	0153		F013,F113	011,111		014,015
	0154		F014,F114	012,112		024,025
	0155		F015,F115	013,113		034,035
	0156		F016,F116	014,114		044,045
	T,R0157		F017,F117	015,115		054,055
	T,R0160		F302,F402	000,100		082,083
	0161		F303,F403	001,101		092,093
	0162		F304,F404	002,102		102,103
	0163		F305,F405	003,103		112,113
	0164		F306,F406	004,104		122,123
	0165		F307,F407	005,105		132,133
	0166		F308,F408	006,106		142,143
	0167		F309,F409	007,107		152,153
	0170		F310,F410	008,108		080,081
	0171		F311,F411	009,109		090,091
	0172		F312,F412	010,110		100,101
	0173		F313,F413	011,111		110,111
	0174		F314,F414	012,112		120,121
	0175		F315,F415	013,113		130,131
	0176		F316,F416	014,114		140,141
	T,R0177	065-14	F317,F417	015,115		150,151
	T,R0240	072-14	F002,F102	000,100		166,167
	0241		F003,F103	001,101		176,177
	0242		F004,F104	002,102		186,187
	0243		F005,F105	003,103		196,197
	0244		F006,F106	004,104		206,207
	0245		F007,F107	005,105		216,217
	0246		F008,F108	006,106		226,227
	0247		F009,F109	007,107		236,237
	0250		F010,F110	008,108		164,165
	0251		F011,F111	009,109		174,175
	0252		F012,F112	010,110		184,185
	0253		F013,F113	011,111		194,195
	0254		F014,F114	012,112		204,205
	0255		F015,F115	013,113		214,215
	0256		F016,F116	014,114		224,225
	T,R0257		F017,F117	015,115		234,235
	T,R0260		F302,F402	000,100		162,163
	0261		F303,F403	001,101		172,173
	0262		F304,F404	002,102		182,183
	0263		F305,F405	003,103		192,193
	0264		F306,F406	004,104		202,203
	0265		F307,F407	005,105		212,213
	0266		F308,F408	006,106		222,223
	0267		F309,F409	007,107		232,233
	0270		F310,F410	008,108		160,161
	0271		F311,F411	009,109		170,171
	0272		F312,F412	010,110		180,181
	0273		F313,F413	011,111		190,191
	0274		F314,F414	012,112		200,201
	0275		F315,F415	013,113		210,211
	0276		F316,F416	014,114		220,221
	T,R0277	072-14	F317,F417	015,115	D06	230,231

TABLE 1 (Cont.)

CABLE DESIG	LEAD DESIG	EQL	296-6C SW TERMS	TEST AT ASSOC 951A CONN TERMS	LOC	TERMS
ZB338	T,R1000	058-31	F002,F102	000,100	D07	006,007
	1001		F003,F103	001,101		016,017
	1002		F004,F104	002,102		026,027
	1003		F005,F105	003,103		036,037
	1004		F006,F106	004,104		046,047
	1005		F007,F107	005,105		056,057
	1006		F008,F108	006,106		066,067
	1007		F009,F109	007,107		076,077
	1010		F010,F110	008,108		004,005
	1011		F011,F111	009,109		014,015
	1012		F012,F112	010,110		024,025
	1013		F013,F113	011,111		034,035
	1014		F014,F114	012,112		044,045
	1015		F015,F115	013,113		054,055
	1016		F016,F116	014,114		064,065
	T,R1017		F017,F117	015,115		074,075
	T,R1020		F302,F402	000,100		002,003
	1021		F303,F403	001,101		012,013
	1022		F304,F404	002,102		022,023
	1023		F305,F405	003,103		032,033
	1024		F306,F406	004,104		042,043
	1025		F307,F407	005,105		052,053
	1026		F308,F408	006,106		062,063
	1027		F309,F409	007,107		072,073
	1030		F310,F410	008,108		000,001
	1031		F311,F411	009,109		010,011
	1032		F312,F412	010,110		020,021
	1033		F313,F413	011,111		030,031
	1034		F314,F414	012,112		040,041
	1035		F315,F415	013,113		050,051
	1036		F316,F416	014,114		060,061
	T,R1037	058-31	F317,F417	015,115		070,071
	T,R1100	065-31	F002,F102	000,100		086,087
	1101		F003,F103	001,101		096,097
	1102		F004,F104	002,102		106,107
	1103		F005,F105	003,103		116,117
	1104		F006,F106	004,104		126,127
	1105		F007,F107	005,105		136,137
	1106		F008,F108	006,106		146,147
	1107		F009,F109	007,107		156,157
	1110		F010,F110	008,108		084,085
	1111		F011,F111	009,109		094,095
	1112		F012,F112	010,110		104,105
	1113		F013,F113	011,111		114,115
	1114		F014,F114	012,112		124,125
	1115		F015,F115	013,113		134,135
	1116		F016,F116	014,114		144,145
	T,R1117		F017,F117	015,115		154,155
	T,R1120		F302,F402	000,100		082,083
	1121		F303,F403	001,101		092,093
	1122		F304,F404	002,102		102,103
	1123		F305,F405	003,103		112,113
	1124		F306,F406	004,104		122,123
	1125		F307,F407	005,105		132,133
	1126		F308,F408	006,106		142,143
	1127		F309,F409	007,107		152,153
	1130		F310,F410	008,108		080,081
	1131		F311,F411	009,109		090,091
	1132		F312,F412	010,110		100,101
	1133		F313,F413	011,111		110,111
	1134		F314,F414	012,112		120,121
	1135		F315,F415	013,113		130,131
	1136		F316,F416	014,114		140,141
	T,R1137	065-31	F317,F417	015,115	D07	150,151

TABLE 1 (Cont.)

CABLE DESIG	LEAD DESIG	EQL	296-6C SW TERMS	TEST AT ASSOC 951A CONN TERMS	LOC	TERMS
ZB338	T,R1200	072-31	F002,F102	000,100	D07	166,167
	1201		F003,F103	001,101		176,177
	1202		F004,F104	002,102		186,187
	1203		F005,F105	003,103		196,197
	1204		F006,F106	004,104		206,207
	1205		F007,F107	005,105		216,217
	1206		F008,F108	006,106		226,227
	1207		F009,F109	007,107		236,237
	1210		F010,F110	008,108		164,165
	1211		F011,F111	009,109		174,175
	1212		F012,F112	010,110		184,185
	1213		F013,F113	011,111		194,195
	1214		F014,F114	012,112		204,205
	1215		F015,F115	013,113		214,215
	1216		F016,F116	014,114		224,225
	T,R1217		F017,F117	015,115		234,235
	T,R1220		F302,F402	000,100		162,163
	1221		F303,F403	001,101		172,173
	1222		F304,F404	002,102		182,183
	1223		F305,F405	003,103		192,193
	1224		F306,F406	004,104		202,203
	1225		F307,F407	005,105		212,213
	1226		F308,F408	006,106		222,223
	1227		F309,F409	007,107		232,233
	1230		F310,F410	008,108		160,161
	1231		F311,F411	009,109		170,171
	1232		F312,F412	010,110		180,181
	1233		F313,F413	011,111		190,191
	1234		F314,F414	012,112		200,201
	1235		F315,F415	013,113		210,211
	1236		F316,F416	014,114		220,221
	T,R1237	072-31	F317,F417	015,115	D07	230,231
ZB353	T,R1040	058-37	F002,F102	000,100	D08	006,007
	1041		F003,F103	001,101		016,017
	1042		F004,F104	002,102		026,027
	1043		F005,F105	003,103		036,037
	1044		F006,F106	004,104		046,047
	1045		F007,F107	005,105		056,057
	1046		F008,F108	006,106		066,067
	1047		F009,F109	007,107		076,077
	1050		F010,F110	008,108		004,005
	1051		F011,F111	009,109		014,015
	1052		F012,F112	010,110		024,025
	1053		F013,F113	011,111		034,035
	1054		F014,F114	012,112		044,045
	1055		F015,F115	013,113		054,055
	1056		F016,F116	014,114		064,065
	T,R1057		F017,F117	015,115		074,075
	T,R1060		F302,F402	000,100		002,003
	1061		F303,F403	001,101		012,013
	1062		F304,F404	002,102		022,023
	1063		F305,F405	003,103		032,033
	1064		F306,F406	004,104		042,043
	1065		F307,F407	005,105		052,053
	1066		F308,F408	006,106		062,063
	1067		F309,F409	007,107		072,073
	1070		F310,F410	008,108		000,001
	1071		F311,F411	009,109		010,011
	1072		F312,F412	010,110		020,021
	1073		F313,F413	011,111		030,031
	1074		F314,F414	012,112		040,041
	1075		F315,F415	013,113		050,051
	1076		F316,F416	014,114		060,061
	T,R1077	058-37	F317,F417	015,115	D08	070,071

TABLE 1 (Cont.)

CABLE DESIG	LEAD DESIG	EQL	296-6C SW TERMS	TEST AT ASSOC 951A CONN TERMS	LOC	TERMS
ZB353	T,R1140	065-37	F002,F102	000,100	D08	086,087
	1141		F003,F103	001,101		096,097
	1142		F004,F104	002,102		106,007
	1143		F005,F105	003,103		116,017
	1144		F006,F106	004,104		126,027
	1145		F007,F107	005,105		136,037
	1146		F008,F108	006,106		146,047
	1147		F009,F109	007,107		156,057
	1150		F010,F110	008,108		084,085
	1151		F011,F111	009,109		094,095
	1152		F012,F112	010,110		104,005
	1153		F013,F113	011,111		114,015
	1154		F014,F114	012,112		124,025
	1155		F015,F115	013,113		134,035
	1156		F016,F116	014,114		144,045
	T,R1157		F017,F117	015,115		154,055
	T,R1160		F302,F402	000,100		082,083
	1161		F303,F403	001,101		092,093
	1162		F304,F404	002,102		102,103
	1163		F305,F405	003,103		112,113
	1164		F306,F406	004,104		122,123
	1165		F307,F407	005,105		132,133
	1166		F308,F408	006,106		142,143
	1167		F309,F409	007,107		152,153
	1170		F310,F410	008,108		080,081
	1171		F311,F411	009,109		090,091
	1172		F312,F412	010,110		100,101
	1173		F313,F413	011,111		110,111
	1174		F314,F414	012,112		120,121
	1175		F315,F415	013,113		130,131
	1176		F316,F416	014,114		140,141
	T,R1177	065-37	F317,F417	015,115		150,151
	T,R1240	072-37	F002,F102	000,100		166,167
	1241		F003,F103	001,101		176,177
	1242		F004,F104	002,102		186,187
	1243		F005,F105	003,103		196,197
	1244		F006,F106	004,104		206,207
	1245		F007,F107	005,105		216,217
	1246		F008,F108	006,106		226,227
	1247		F009,F109	007,107		236,237
	1250		F010,F110	008,108		164,165
	1251		F011,F111	009,109		174,175
	1252		F012,F112	010,110		184,185
	1253		F013,F113	011,111		194,195
	1254		F014,F114	012,112		204,205
	1255		F015,F115	013,113		214,215
	1256		F016,F116	014,114		224,225
	T,R1257		F017,F117	015,115		234,235
	T,R1260		F302,F402	000,100		162,163
	1261		F303,F403	001,101		172,173
	1262		F304,F404	002,102		182,183
	1263		F305,F405	003,103		192,193
	1264		F306,F406	004,104		202,203
	1265		F307,F407	005,105		212,213
	1266		F308,F408	006,106		222,223
	1267		F309,F409	007,107		232,233
	1270		F310,F410	008,108		160,161
	1271		F311,F411	009,109		170,171
	1272		F312,F412	010,110		180,181
	1273		F313,F413	011,111		190,191
	1274		F314,F414	012,112		200,201
	1275		F315,F415	013,113		210,211
	1276		F316,F416	014,114		220,221
	T,R1277	072-37	F317,F417	015,115	D08	230,231

TABLE 2

Universal Trunk Circuit; SD-3H220-01

CABLE DESIG	FRAME	FROM			TO		
		LEAD DESIGNATION	UNIT EQL	TERMINAL	FRAME	TERMINAL	NOTE
ZC4, ZB278	MISC OR NET OR CONT	T(00),R(00)	02-20	001,101	HCDF	CONSULT CCJ3H100-31 AND JOB INFORMATION	
		T1(00),R1(00)		002,102			
		EA(00),EB(00)		003,103			
		MA(00),MB(00)		004,104			
		T(01),R(01)		005,105			
		T1(01),R1(01)		006,106			
		EA(01),EB(01)		007,107			
		MA(01),MB(01)		008,108			
		T(02),R(02)		201,301			
		T1(02),R1(02)		202,302			
		EA(02),EB(02)		203,303			
		MA(02),MB(02)		204,304			
		T(03),R(03)		205,305			
		T1(03),R1(03)		206,306			
		EA(03),EB(03)		207,307			
		MA(03),MB(03)		208,308			
		T(04),R(04)		02-27			001,101
		T1(04),R1(04)					002,102
		EA(04),EB(04)					003,103
		MA(04),MB(04)					004,104
		T(05),R(05)					005,105
		T1(05),R1(05)					006,106
		EA(05),EB(05)					007,107
		MA(05),MB(05)					008,108
		T(06),R(06)					201,301
		T1(06),R1(06)					202,302
		EA(06),EB(06)					203,303
		MA(06),MB(06)					204,304
		T(07),R(07)					205,305
		T1(07),R1(07)					206,306
		EA(07),EB(07)					207,307
		MA(07),MB(07)					208,308
		T(08),R(08)					011,111
		T1(08),R1(08)					012,112
		EA(08),EB(08)					013,113
		MA(08),MB(08)					014,114
		T(09),R(09)					015,115
		T1(09),R1(09)					016,116
		EA(09),EB(09)					017,117
		MA(09),MB(09)					018,118
T(10),R(10)	211,311						
T1(10),R1(10)	212,312						
EA(10),EB(10)	213,313						
MA(10),MB(10)	214,314						
T(11),R(11)	02-27	215,315					
T1(11),R1(11)		216,316					
EA(11),EB(11)		217,317					
MA(11),MB(11)		218,318					
						HCDF	

TABLE 2 (Cont.)

Universal Trunk Circuit; SD-3H220-01

CABLE DESIG	FRAME	FROM			TO		NOTE
		LEAD DESIGNATION	UNIT EQL	TERMINAL	FRAME	TERMINAL	
ZC4, ZB278	MISC OR NET OR CONT	T(12),R(12)	06-20	001,101	HCDF		
		T1(12),R1(12)		002,102			
		EA(12),EB(12)		003,103			
		MA(12),MB(12)		004,104			
		T(13),R(13)				005,105	
		T1(13),R1(13)				006,106	
		EA(13),EB(13)				007,107	
		MA(13),MB(13)				008,108	
		T(14),R(14)				201,301	
		T1(14),R1(14)				202,302	
		EA(14),EB(14)				203,303	
		MA(14),MB(14)				204,304	
		T(15),R(15)		205,305			
		T1(15),R1(15)		206,306			
		EA(15),EB(15)		207,307			
		MA(15),MB(15)		208,308			
		T(16),R(16)	06-27	001,101			
		T1(16),R1(16)		002,102			
		EA(16),EB(16)		003,103			
		MA(16),MB(16)		004,104			
		T(17),R(17)				005,105	
		T1(17),R1(17)				006,106	
		EA(17),EB(17)				007,107	
		MA(17),MB(17)				008,108	
		T(18),R(18)				201,301	
		T1(18),R1(18)				202,302	
		EA(18),EB(18)				203,303	
		MA(18),MB(18)				204,304	
		T(19),R(19)		205,305			
		T1(19),R1(19)		206,306			
		EA(19),EB(19)		207,307			
		MA(19),MB(19)		208,308			
		T(20),R(20)		011,111			
		T1(20),R1(20)		012,112			
		EA(20),EB(20)		013,113			
		MA(20),MB(20)		014,114			
		T(21),R(21)		015,115			
		T1(21),R1(21)		016,116			
		EA(21),EB(21)		017,117			
		MA(21),MB(21)		018,118			
		T(22),R(22)		211,311			
		T1(22),R1(22)		212,312			
EA(22),EB(22)		213,313					
MA(22),MB(22)		214,314					
T(23),R(23)		215,315					
T1(23),R1(23)		216,316					
EA(23),EB(23)		217,317					
MA(23),MB(23)		218,318	HCDF				

TABLE 3

MF Transmitter Circuit; SD-3H404-01

CABLE DESIG	FRAME	FROM			TO		NOTE
		LEAD DESIGNATION	UNIT EQL	TERMINAL	FRAME	TERMINAL	
ZC2,	CONT	T(0),R(0)	02-27	201,301	HCDF	CONSULT CCJ3H100-31 AND JOB INFORMATION	
		T(1),R(1)		202,302			
		T(2),R(2)		203,303			
		T(3),R(3)		204,304			

TABLE 4

Coin Control, Tone & Recorded Announcement and Remote Recording Announcement
SD-3H411-01

CABLE DESIG	FRAME	FROM			TO		NOTE
		LEAD DESIGNATION	UNIT EQL	TERMINAL	FRAME	TERMINAL	
ZC53	CONT	R0(00),T0(00)	02-20	001,101	HCDF	CONSULT CCJ3H100-31 AND JOB INFORMATION	
		R1(00),T1(00)		002,102			
		R0(01),T0(01)		003,103			
		R1(01),T1(01)		004,104			
		R0(02),T0(02)		005,105			
		R1(02),T1(02)		006,106			
		R0(03),T0(03)		007,107			
		R1(03),T1(03)		008,108			
		R0(04),T0(04)		201,301			
		R1(04),T1(04)		202,302			
		R0(05),T0(05)		203,303			
		R1(05),T1(05)		204,304			
		R0(06),T0(06)		205,305			
		R1(06),T1(06)		206,306			
		R0(07),T0(07)		207,307			
		R1(07),T1(07)		208,308			
ZC34, ZC35	MISC OR CONT	RA1(00),TA1(00)	02-12	001,101	HCDF		
		RA1(01),TA1(01)		002,102			
		RA1(02),TA1(02)		003,103			
		RA1(03),TA1(03)		004,104			
		RA1(04),TA1(04)		005,105			
		RA1(05),TA1(05)		006,106			
		RA1(06),TA1(06)		007,107			
		RA1(07),TA1(07)		008,108			
		RA1(08),TA1(08)		201,301			
		RA1(09),TA1(09)		202,302			
		RA1(10),TA1(10)		207,307			
		RA1(11),TA1(11)		208,308			

TABLE 4 (Cont.)

Coin Control, Tone & Recorded Announcement and Remote Recording Announcement
SD-3H411-01

CABLE DESIG	FRAME	FROM			TO		NOTE
		LEAD DESIGNATION	UNIT EQL	TERMINAL	FRAME HCDF	TERMINAL	
ZC55	CONT	RO(08),TO(08)	02-24	211,311	HCDF	CONSULT CCJ3H100-31 FOR JOB INFORMATION	
		R1(08),T1(08)		212,312			
		RO(09),TO(09)		213,313			
		R1(09),T1(09)		214,314			
		RO(10),TO(10)	215,315				
		R1(10),T1(10)	216,316				
		RO(11),TO(11)	217,317				
		R1(11),T1(11)	218,318				
		CO(00),BA(00)	02-24	001,101			
		STA(00),ST1A(00)		002,102			
		CO(01),BA(01)		003,103			
		STA(01),ST1A(01)		004,104			
		CO(02),BA(00)		005,105			
		STA(02),ST1A(00)		006,106			
		CO(03),BA(01)		007,107			
		STA(03),ST1A(01)		008,108			
		CO(04),BA(00)		201,301			
		STA(04),ST1A(00)		202,302			
		CO(05),BA(01)		203,303			
		STA(05),ST1A(01)	204,304				
		CO(06),BA(00)	205,305				
		STA(06),ST1A(00)	206,306				
		CO(07),BA(01)	207,307				
		STA(07),ST1A(01)	208,308				
		CO(08),BA(00)	011,111				
		STA(08),ST1A(00)	012,112				
		CO(09),BA(01)	013,113				
		STA(09),ST1A(01)	014,114				
		CO(10),BA(00)	015,115				
		STA(10),ST1A(00)	016,116				
		CO(11),BA(01)	017,117				
		STA(11),ST1A(01)	018,118				
		DL1(11),DA(11)	019,119				
		RT1(00),TT1(00)	02-27	002,102			
		RT1(01),TT1(01)		003,103			
		RT1(02),TT1(02)		004,104			
		RT1(03),TT1(03)		005,105			
		RT1(04),TT1(04)		006,106			
		RT1(05),TT1(05)		007,107			
		RT1(06),TT1(06)		202,302			
		RT1(07),TT1(07)		203,303			
		RT1(08),TT1(08)		204,304			
		RT1(09),TT1(09)		205,305			
		RT1(10),TT1(10)		206,306			
		RT1(11),TT1(11)	207,307				
		RAO(00),TAO(00)	02-32	002,102			
		RAO(01),TAO(01)		003,103			
RAO(02),TAO(02)	004,104						
RAO(03),TAO(03)	005,105						
RAO(04),TAO(04)	006,106						
RAO(05),TAO(05)	007,107						
RAO(06),TAO(06)	008,308						
RAO(07),TAO(07)	009,309						