

ISSUE NOTES (CONTINUED)	ISSUE NOTES (CONTINUED)	ISSUE NOTES
LISTS 29,SR,ST, NOTES 7,79,80, FIG. 14, TABLE H ADDED. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-39 CHANGE CLASS: B DRAFT: RPR ENGR: DPP SUPV: DEP CERTIFIED: 06/07/90 ISSUE: 38	SL LINE 1650 WAS 104246467, MC3F005A1, CCMQ032AXX, TN917. ORIG ISS: 02/15/83 CHANGE CLASS: A DRAFT: RPR ENGR: DPP SUPV: DEP CERTIFIED: 08/22/89 ISSUE: 32	LISTS 22 & SJ-SM ADDED. SL LINE 2160 ADDED. SL LINE 1130 QTY WAS 8; LINE 1150 QTY WAS 1; LINE 1870 WAS: A, 2, 103342119, 127C, APP. MTG POS 79T (2 EA). ORIG ISS: 02/15/83 NDD NBR: 3F011CB-17 CHANGE CLASS: B DRAFT: RPR ENGR: DPP SUPV: CERTIFIED: 06/01/87 ISSUE: 24
LIST 31,NOTE 81 ADDED. L23 WAS STD. ALSO, UNDER CNC0085CB LIST T BECAME DA AND LIST 30 WAS CHANGED TO ADD *2/2A STP*. SL LINE 1710 LINED OUT. LINES 1162,1163,1691,1692 AND 1711 ADDED. LINES 1670 AND 1690 WERE LIST 5 ONLY. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-41 CHANGE CLASS: B DRAFT: PLM ENGR: DPP SUPV: DEP CERTIFIED: 10/03/90 ISSUE: 39	NOTE 76 ADDED. SECT. B-B LINED OUT. SECT. C-C & FIG. 13 ADDED. SL LINES 1020,1150,1160,1210,1220,1260,1270,1280,1290,1330,1340, 1510,1550,1560,1740,1750,1760,1770,1780,1790,1800,1830,1910,1920, 2070,2080,2180,2190,2390,2440,2640,2650,2920,2930 LINED OUT. LINES 1400,1410 & 1430 WERE LINED OUT. LINES 1021, 1151,1161,1211,1221,1261,1271,1331,1341,1501,1502,1511,1741, 1751,1761,1771,1781,1791,1792,1801,1831,1911,1921,2071,2081,2181, 2191,2391,2441,2641,2651,2921,2931 ADDED. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-31 CHANGE CLASS: B DRAFT: RPR ENGR: DPP SUPV: DEP CERTIFIED: 08/22/89 ISSUE: 33	LIST R ADDED. NOTES 5 & 64 ADDED. LIST 6: DESCRIPTION CHANGED TO 2400/4800 FROM 2400. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-18 CHANGE CLASS: B DRAFT: RPR ENGR: DPP SUPV: CERTIFIED: 06/01/87 ISSUE: 25
NOTES 76 & 80 EXPANDED. TABLE A, L-30 WAS FOR 2/2A STP AND AUTOPLEX; CHANGED TO SHOW FOR AUTOPLEX AND DLNE. SL LINE 1680 LIST COLUMN WAS 5; LINE 1690 LIST COLUMN WAS 2,5. LINES 2490, 2500 LIST WAS L,P. LINE 3010 WAS 106186141, CCMQ056A. LINES 3011,3331 AND 3332 ADDED. CCNN10011CB ORIG ISS: 02/15/83 CHANGE CLASS: AU DRAFT: PLM ENGR: DPP SUPV: DEP CERTIFIED: 06/10/91 ISSUE: 40	LIST W ADDED. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-35 CHANGE CLASS: B DRAFT: RPR ENGR: DPP SUPV: DEP CERTIFIED: 08/22/89 ISSUE: 34	NOTES 65-69, LISTS WA AND S ADDED. LIST 20 DESCRIPTION "AUTOPLEX W/SMART NOTE OR 2NCP" REMOVED. TABLE G ADDED. LINE 1490 WAS: 5, 1, 103929527, UN122, CP CLEI CCPQ018. LINE 1860, QTY WAS 4. LINE 2170, COMCODE WAS 105020994, CLEI WAS CCMQ038. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-19 CHANGE CLASS: B DRAFT: BRJ ENGR: DPP SUPV: DEP CERTIFIED: 09/10/87 ISSUE: 26
SL LINE 3020 WAS 105692172, CCMQ053A. CN-C100099CB ORIG ISS: 02/15/83 CHANGE CLASS: AU DRAFT: PLM ENGR: DPP SUPV: DDM CERTIFIED: 06/10/91 ISSUE: 41	TABLE A, LIST 12, APP COLUMN, ZG LINED OUT, ZK ADDED. LISTS SP,SQ ADDED. NOTE 77 ADDED. SL LINES 1211,1221 QTY WAS 9. LINE 1761, QTY WAS OMIT 2, POS. 60,64. LINE 1792 WAS POS. 82. LINES 1911 & 1921 QTY WAS 7. LINE 2071 QTY WAS OMIT 2, POS. 18,22. LINE 2170 LINED OUT, 2171 ADDED. LINE 2181 QTY WAS OMIT 2, POS. 18,22. ORIG ISS: 02/15/83 CHANGE CLASS: M DRAFT: RPR ENGR: DPP SUPV: DEP CERTIFIED: 11/29/89 ISSUE: 35	LIST 26 AND NOTE 70 ADDED. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-20 CHANGE CLASS: B DRAFT: BRJ ENGR: DPP SUPV: DEP CERTIFIED: 10/19/87 ISSUE: 27
LIST 32, SL LINE 3040 ADDED. CN-C10019CB ORIG ISS: 02/15/83 CHANGE CLASS: AU DRAFT: PLM ENGR: DPP SUPV: DDM CERTIFIED: 06/10/91 ISSUE: 42	LIST 30 ADDED, LIST T LIMITED TO RPCN FOR 2/2A STP. LIST T: OPTION ZP WAS ZC. CN C00015CB ORIG ISS: 02/15/83 CHANGE CLASS: A DRAFT: RPR ENGR: DPP SUPV: DEP CERTIFIED: 03/12/90 ISSUE: 36	LISTS 23, 24, 25, T AND NOTES 71-74 ADDED. LISTS 19, 20, 21 AND L WERE STANDARD. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-21 CHANGE CLASS: B DRAFT: MDH ENGR: DPP SUPV: DEP CERTIFIED: 05/04/88 ISSUE: 28
SHEETS C1-C5 FIG. 2,4,6,7,8,9,10,11, REPLACE PWRA AND PWRB WITH OVERLAY LABELS PUA AND PUB. CN10104CB ORIG ISS: 02/15/83 CHANGE CLASS: AU DRAFT: PLM ENGR: WAN SUPV: DEP CERTIFIED: 08/27/91 ISSUE: 43	LIST 28, NOTE 78 ADDED. ORIG ISS: 02/15/83 CHANGE CLASS: B DRAFT: RAK ENGR: DPP SUPV: DEP CERTIFIED: 06/07/90 ISSUE: 37	SL LINES 2450,2460 LIST COLUMN WAS 19,26. LINES 2470,2480,2490, 2500 LIST COLUMN WAS L-, LINE 1340, LIST COLUMN WAS 3,4. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-21 CHANGE CLASS: M DRAFT: MDH ENGR: DPP SUPV: DEP CERTIFIED: 05/04/88 ISSUE: 29
		LISTS U & V ADDED. IN SL LINE 2870 WAS 105310577. LIST SN ADDED. SL LINES 2680, 2690 LINED OUT. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-28 CHANGE CLASS: B DRAFT: RAK ENGR: DPP SUPV: DEP CERTIFIED: 09/14/88 ISSUE: 30
		LIST 27 ADDED. ENG NOTE 75 ADDED. SL LINES 1470 AND 2020 WERE 846059042. SL LINES 1480 AND 2030 WERE 840059067. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-29 CHANGE CLASS: B DRAFT: MDH ENGR: DPP SUPV: DEP CERTIFIED: 03/02/89 ISSUE: 31

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SHT NBR	A1 THRU A8 ISSUE 70										
ISSUE											
SHT NBR	D1 THRU D11 ISSUE 70										
ISSUE											
SHT NBR	B1	B2	B3	B4	B5	B6					
ISSUE	65	70	70	70	70	70					
SHT NBR	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11
ISSUE	65	65	65	65	69	65	68	70	70	70	70
SHT NBR	C12	C13									
ISSUE	70	70									
SHT NBR											
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RW99	
SIGNALING AND PACKET SWITCHING SYSTEMS SPECIFICATION FOR 3B INTERFACE UNIT MOUNTED ON RING NODE FRAME	
DWG SIZE C2	ISSUE 70
LUCENT TECHNOLOGIES INC J3F011AA-1	
SHEET A1 OF 38	

ISSUE NOTES (CONTINUED)				
NOTE 11 ADDED. SL LINES 2840, 3005, 3330, 4190 LINED OUT. LINES 2061, 2841, 3006, 3331, 4191 ADDED. LINES 3885, 3895: L120A ADDED. LINES 3900 AND 3910 WERE: 100, 2, 104371547, 12B, RETAINER, AND 100, 2, ED3F064-37,G46 CONN. CABLE RESPECTIVELY. (PI 59.1,.2 & .3) SL LINES 3830, 3831, 3832, 3830, ASSED. (PI 60.1, 60,2) ----- LIST 101 ADDED. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-93 CHANGE CLASS: B DRAFT: BJJ ENGR: DPP SUPV: PLP CERTIFIED: 02/21/95 ISSUE: 61				
LISTS 44 & 45 ADDED. STOCKLIST LINE 4140 LINED OUT, LINE 4141 ADDED. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-94 CHANGE CLASS: B DRAFT: BJJ ENGR: DPP SUPV: PLP CERTIFIED: 02/22/95 ISSUE: 62				
SL LINE 4110 LINED-OUT. LINE 4111 ADDED. (PT. ISS. 62.1 & 62.2 INCLUDED) ----- LIST 111 ADDED. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-98 CHANGE CLASS: B DRAFT: BJJ ENGR: NW SUPV: PLP CERTIFIED: 06/15/95 ISSUE: 63				
SHEET INDEX; SHEET B1 SHOULD HAVE READ ISSUE 57. STOCKLIST LINE 3011 LINED OUT, LINE 3012 ADDED. ORIG ISS: 02/15/83 CHANGE CLASS: M DRAFT: BJJ ENGR: NM SUPV: PLP CERTIFIED: 06/20/95 ISSUE: 64				
POINT ISSUE 64.1 INCLUDED. ----- LIST 32 RATED "DA". LIST 38A, NOTES 12 AND 87 ADDED. STOCKLIST LINES 3421, 4195 & 4560 LINED OUT. STOCKLIST LINES 3425, 4196 & 4561 ADDED. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-109 CHANGE CLASS: B DRAFT: BJJ ENGR: RDM SUPV: MBR CERTIFIED: 01/23/97 ISSUE: 65				
POINT 64.2 WAS OMITTED FROM ISSUE 65. DRAWING IS BEING REISSUED TO INCLUDE POINT 64.2. ORIG ISS: 02/15/83 CHANGE CLASS: ME DRAFT: BJJ ENGR: RDM SUPV: MBR CERTIFIED: 02/11/97 ISSUE: 66				
NOTE 500 ADDED. LIST 120B ADDED. G3560 ORIG ISS: 02/15/83 NDD NBR: 3F011CB-120 CHANGE CLASS: B DRAFT: RPR ENGR: RDM SUPV: NDH CERTIFIED: 03/18/99 ISSUE: 67				
LIST 101A ADDED. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-123 CHANGE CLASS: B DRAFT: BRK ENGR: RDM SUPV: NDH CERTIFIED: 07/08/99 ISSUE: 68				
LIST 46 & NOTE 14 ADDED. REF TO LIST 46 ADDED TO SL LINE 4183 LINES 4185 & 4187 ADDED. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-128 CHANGE CLASS: B DRAFT: RPR ENGR: RDM SUPV: NDH CERTIFIED: 02/22/00 ISSUE: 69				

ISSUE NOTES (CONTINUED)				
LISTS 39, 40, AB, AC, NOTES 84, 85 ADDED. L-9 WAS STD. TABLE A: L-38 WAS FOR L-2 ONLY; L-N, L-S REFERENCE TO 32, 37, 38 ADDED. SL LINES 2610, 2620, 2630, 2641, 2651, 2890, 2900, 2910, 2921, 2931: L-38 ADDED. SL LINE 3420 LINED OUT. LINE 3421 ADDED. SL LINE 3010 LINED OUT, LINE 3011 ADDED. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-64 CHANGE CLASS: B DRAFT: BJJ ENGR: DPP SUPV: PLP CERTIFIED: 04/29/93 ISSUE: 52				
LIST 41 ADDED. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-66 CHANGE CLASS: B DRAFT: BJJ ENGR: DPP SUPV: PLP CERTIFIED: 05/18/93 ISSUE: 53				
LIST 42 ADDED. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-69 CHANGE CLASS: B DRAFT: RPR ENGR: DPP SUPV: PLP CERTIFIED: 07/21/93 ISSUE: 54				
LISTS 100,110,120,130 ADDED. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-70 CHANGE CLASS: B DRAFT: RPR ENGR: DPP SUPV: PLP CERTIFIED: 07/21/93 ISSUE: 55				
LIST AD & NOTES 8,59A,59B & 86 ADDED. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-72 CHANGE CLASS: B DRAFT: RPR ENGR: NW SUPV: PLP CERTIFIED: 09/17/93 ISSUE: 56				
TABLE A LIST A WAS STD. SL ITEM 1140,1151,1161-1163,1331,1341 1501,1502,1511,1741,1751,1761,1771,1781,1791,1792,1801,1810,1820, 1831,2071,2081,2181,2191,2200,2210,2391,2441,2490,2500,2641,2651 2921,2931,3450,4180 LINED-OUT. SL ITEMS 1191-1196,3831,3832, 4341 ADDED. SL ITEM 2221 LIST Y ADDED. NOTES 9 & 10 ADDED. LINE 1310 QTY WAS 7,LINE 1320 QTY WAS 35,LINE 3800 WAS 100,2,8430798,MTD BRACKET. LINES 3830,3840 LIST WAS 100. SL ITEM 4000,4010 WERE 100,1, ED3F004-30,G13A/13B, CONN CABLE. SL LINE 3830 WAS 8, LINE 4340 QTY WAS9. POINT ISSUE 56.1-56.7 INCLUDED. ----- SL ITEMS 4360-4390 ADDED. TABLE A LIST AE ADDED. ORIG ISS: 02/15/83 NDD NBR: NDD3F011CB-78 CHANGE CLASS: AC DRAFT: BJJ ENGR: DPP SUPV: PLP CERTIFIED: 04/15/94 ISSUE: 57				
LIST 43 ADDED. SL LINE 4181 READ, 106920754, MC3F020A1B. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-84 CHANGE CLASS: B DRAFT: RDS ENGR: NW SUPV: CERTIFIED: 07/28/94 ISSUE: 58				
LIST 120A ADDED. ORIG ISS: 02/15/83 NDD NBR: NDD3F011CB-86 CHANGE CLASS: B DRAFT: BJJ ENGR: DPP SUPV: PLP CERTIFIED: 09/19/94 ISSUE: 59				
LIST 3 WAS RATED STD. ORIG ISS: 02/15/83 CHANGE CLASS: B DRAFT: BJJ ENGR: DPP SUPV: PLP CERTIFIED: 12/08/94 ISSUE: 60				

ISSUE NOTES (CONTINUED)				
SL LINES 1180,1670,1680,1691,2110,2130,2220,2230,2510,2530, 2560,2580,2660,2710,2730 LINED OUT. SL LINES 1181,1671,1681, 1693,2111,2131,2221,2231,2511,2531,2561,2661,2711,2731 ADDED. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-44 CHANGE CLASS: AU DRAFT: PLM ENGR: DPP SUPV: PLP CERTIFIED: 12/13/91 ISSUE: 44				
L-X,L-Y,L-SU ADDED. FIGS. 2,6,7,10,11 & 12 REARRANGED. SL LINE 1410 QTY WAS 14. LINES 1670,1680 LIST COL WAS 2,5. LINES 1690, 1700 LIST COL WAS 5. LINE 1680 LINED OUT. LINES 2710,2711 & 2720 LIST COL, P ADDED. LINE 1691 WAS 2, OMIT 1, 844693184 LABEL, LINE 1692 WAS 2, OMIT 1, 844697433 LABEL. ORIG ISS: 02/15/83 CHANGE CLASS: M DRAFT: PLM ENGR: DPP SUPV: PLP CERTIFIED: 12/13/91 ISSUE: 45				
L-33 ADDED. L-24 WAS STD. CN C10169CB ORIG ISS: 02/15/83 CHANGE CLASS: AC DRAFT: PLM ENGR: DPP SUPV: PLM CERTIFIED: 12/13/91 ISSUE: 46				
TO CORRECT SHEET INDEX ORIG ISS: 02/15/83 CHANGE CLASS: M DRAFT: PLM ENGR: DPP SUPV: PLP CERTIFIED: 01/07/92 ISSUE: 47				
LIST Z ADDED, FIG. 15 & NOTE 82 ADDED. SL LINE 1430 LINED OUT, 1411,1431 & 2991 ADDED. ISS. 44 CL:AU SHOULD BE SHOWN AS CL:B. SL LINE 1690 WAS LINED OUT. LINE 3011 WAS: 28, OMIT 1, 105984355, MC3F011A1B, PACK ETC. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-50/51 CHANGE CLASS: B DRAFT: PLM ENGR: DPP SUPV: PLP CERTIFIED: 04/13/92 ISSUE: 48				
LIST 34, NOTE 83 ADDED - LISTS 17,27 WERE STD. SL LINE 1690 WAS OMIT 1, LINE 2991 REMOVED (SAME INFO ON LINE 2550). ORIG ISS: 02/15/83 NDD NBR: 3F011CB-52 CHANGE CLASS: B DRAFT: PLM ENGR: DPP SUPV: PLP CERTIFIED: 06/16/92 ISSUE: 49				
LIST 35,36,37,AA ADDED. SL LINE 2991 WAS 17, OMIT 1, 845053628. SL LINE 2550, L34 ADDED. SL LINE 2181 L-35 ADDED TO LIST COLUMN. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-53 CHANGE CLASS: B DRAFT: PLM ENGR: DPP SUPV: PLP CERTIFIED: 11/13/92 ISSUE: 50				
LIST 38 ADDED. ORIG ISS: 02/15/83 NDD NBR: 3F011CB-59 CHANGE CLASS: B DRAFT: BJJ ENGR: DPP SUPV: PLP CERTIFIED: 12/04/92 ISSUE: 51				

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RW99  
SIGNALING AND PACKET  
SWITCHING SYSTEMS  
SPECIFICATION FOR  
3B INTERFACE UNIT  
MOUNTED ON RING NODE FRAME

DWG SIZE C2 ISSUE 70

ENGINEERING NOTES

\*\*\*\*\* CONTINUED \*\*\*\*\*

USE IPB'S PER L-25 (TN1508, 16-8) AS REQUIRED.

- 74. USE CRI-3F0XX-6 TO RETROFIT IRN'S (UN303B, MC3F018A1) IN THE FIELD.
- 75. TABLE F NOT USED AFTER ISSUE 30 OF THIS DRAWING.
- 76. TO AVOID MAKING UNIT INOPERABLE, LWA CAN BE ORDERED ONLY IF THE FOLLOWING FEATURES ARE PROVIDED: GENERIC IMS 3.2 OR HIGHER AND ANY OF LISTS ORDERING CP UN122B (L11,LG), UN122C (LR), \$UN303/\$ \$MC3F014A1 (L20), UN303B/MC3F018A1 (L23,LT)\$UN303B/MC3F026A1 (L-30,L-31), UN305/MC3F028A1 (L-32).
- 77. CIRCUIT PACKS IN THE FIELD PER APP. FIG. 6, OPTION ZG (TN1340/MC3F011A1/CCMQ042AXX) MAY BE UPGRADED TO APP. FIG. 6, OPTION ZK (TN1340/MC3F011A1B/CCMQ055AXX) BY USING PROM KIT 845908862.
- 78. LIST 28 IS COMPATIBLE WITH IMS GENERIC 4.1 AND LATER IRN (UN303B/MC3F018A1); IT IS NOT COMPATIBLE WITH SSI NODES NOR WITH EARLY IRN (UN303/MC3F014A1). LIST 28 IS MUTUALLY EXCLUSIVE W/L12 AND ALSO W/L27 OR L43.
- 79. WHEN L29 & LSR ARE SPECIFIED TOGETHER RECORD APP. OPTION ZL; WHEN L29 & LST ARE SPECIFIED TOGETHER RECORD APP. OPTION ZM. SWITCHBOARD CABLES REQUIRED WITH L29 AND LSR MUST NOT EXCEED 150 FT.
- 80. WHEN ORDERING L29 AND LST FOR THE INCP/800DCS FEATURE, THE LINE ENGINEER MUST ORDER IN THE CABLING SPEC THE ASSOCIATED CABLES REQUIRED PER TABLE H. FOR FIELD MODIFICATIONS, INSTALLER MUST BE INSTRUCTED TO CHANGE THE DESIG. STRIP STAMPING (FIG. 12) AND ADD A 26 DP GREEN WIRE STRAP FROM EQL 04-126 PIN 118 TO EQL04-134 PIN 021.
- 81. LISTS 23 & 31 ARE MUTUALLY EXCLUSIVE, L23 REPLACED BY L31. LIST 31 IS COMPATIBLE WITH ANY SOFTWARE RELEASE BASED ON IMS 3.2 OR LATER EXCEPT THE FOLLOWING RELEASES WHICH ARE NOT COMPATIBLE; IMS 3.3.3.H THRU 3.3.3.L AND IMS 3.4.2.H THRU 3.4.2.K.
- 82. FOR INCP INTERNATIONAL LINE ENGINEER MUST SPECIFY ONE L-18, ONE L-17, ONE L-H & ONE L-W.
- 83. THE 13B INTERFACE ADAPTER (L-34) BEING DOWNWARD COMPATIBLE, CAN BE USED AS A DIRECT REPLACEMENT OF THE 13A I.A. (L-17) OR AS A REPLACEMENT WITH AN ADDITIONAL FEATURE (LOCAL & REMOTE LOOP-BACK CAPABILITY). WHEN USED AS A DIRECT REPLACEMENT USE CABLE ED3F064-37,G17; WHEN UTILIZING THE LOOP-BACK FEATURE USE CABLE ED3F064-37,G73.
- 84. WHEN UPGRADING EXISTING MC3F022A1/TN917B PACKS TO MC3F029A1 PACKS, IN THE FIELD, FOR THE PRO-LIE FEATURE, ORDER L-AB WHICH PROVIDES PROM KIT 846978468. LIST 39 PROVIDES A SHOP MANUFACTURED MC3F029A1 PACK.
- 85. WHEN UPGRADING EXISTING MC3F003A1/TN916 SERIES 5,6 & 7 PACKS TO MC3F030A1 PACKS, IN THE FIELD, FOR THE PRO-LINE FEATURE, ORDER L-AC WHICH PROVIDES PROM KIT 846978476. LIST 40 PROVIDES A SHOP MANUFACTURED MC3F030A1 PACK.
- 86. TO REMOVE ENCRYPTION FROM MC3F022A1/TN917B OR MC3F029A1/TN917B, ORDER LIST AD (KIT 847045788) FOR FIELD UPGRADING TO AN EQUIVALENT OF MC3F032A1 PACK; HOWEVER, THIS PACK (MC3F032A1) WILL NOT BE MANUFACTURED BY THE FACTORY.
- 87. LIST 38A IS INTENDED TO BE ORDERED AS PART OF A SYSTEM SERVICE UNIT (SSU) SHOWN ON H400-535.
- 88. IF ORDERING THIS LIST FOR FIELD UPGRADES, LABELS ARE NOT PROVIDED. IF NEEDED, ORDER LIST AF TO PROVIDE A SHEET OF ASSORTED CONVERSION LABELS.
- 500. THIS LIST MAY BE ORDERED AS A MAIN OR SUPPLEMENTAL.

ENGINEERING NOTES

- 51. RESERVED
- 52. FOR THE NO. 2 STP APPLICATION THIS UNIT IS ARRANGED FOR ONE 3B NODE ONLY. ONE ASSOCIATED INTERFRAME BUFFER CIRCUIT PACK PER L4 MUST ALSO BE PROVIDED.
- 53. FOR SMALL USER APPLICATIONS (CNI) THIS UNIT CAN BE ARRANGED FOR ONE RPC NODE WITH AN ASSOCIATED L3 BUFFER AND WITH ONE LINK NODE. IF THE RING 0 OUTPUT OF THE LINK NODE IS CONNECTED TO ANOTHER RPC NODE OR IF THE CABLE LENGTH EXCEEDS 25 INCHES, PROVIDE ANOTHER L3.
- 54. THE MAX. NUMBER OF L3 PER SYSTEM MUST NOT EXCEED 4.
- 55. \$ JOB SPEC MUST SPECIFY RPC OR LINK NODE E/W LIST E AND THE CKT PACK POS. NUMBER. \$
- 56. \$TABLE E IS INTENDED AS A QUICK REFERENCE FOR LISTS REQD FOR VARIOUS APPLICATIONS; HOWEVER, FOR SPECIFIC ORDERING INFORMATION, USE TABLE A.\$
- 57. WHEN L-12 IS SPECIFIED IN ADDITION TO L-2, NODE IS NO LONGER KNOWN AS RPCN BUT AS DLN. WHEN L-28 IS SPECIFIED IN ADDITION TO L-2 NODE IS KNOWN AS DLNE.
- 58. LISTS 2 & 11 AND 11 & 12 ARE MUTUALLY EXCLUSIVE.
- 59. 4ESS - EACH SADC NODE MAY BE EQUIPPED WITH ONE OR TWO L18; ONE L16 OR ONE L34 MUST BE PROVIDED INITIALLY WITH EACH L18. 59A. INCP - EACH LINK NODE MAY BE EQUIPPED WITH ONE L18; ONE L34 MUST BE PROVIDED INITIALLY WITH EACH L18. 59B. SCP2 - EACH LINK NODE MAY BE EQUIPPED WITH ONE L18; ONE L42 MUST BE PROVIDED INITIALLY WITH EACH L18.
- 60. \$ LIST 7 IS NOT AVAILABLE AS OF ISSUE 16 AND CANNOT BE ORDERED. \$
- 61. ANY LIST FROM AMONG L-14 THRU L-17 (DA) OR L-34 MAY BE SPECIFIED IN ADDITION TO \$L-19\$ L-26. MAXIMUM NUMBER: 2.
- 62. WHEN L-11 IS ADDED TO UNITS IN THE FIELD, LINE ENGINEER MUST INSTRUCT INSTALLER TO STRAP PINS ON EQL 050 PER MFRG NOTE 1.
- 63. INFORMATION ENCLOSED IN \$ IS CONSIDERED LINED OUT.
- 64. LIST R, TOGETHER WITH LIST G (UN123B) AND GENERIC IMS 3.2 OR LATER ARE REQUIRED TO PROVIDE THE TOKEN TRACKING FEATURE. TOKEN TRACKING IS ALSO PROVIDED WHEN LIST \$20\$ 23 OR T (IRN) IS SPECIFIED
- 65. GENERIC IMS 3.1 OR LATER MUST BE PROVIDED TO ALLOW FOR THE IRN APPLICATION TO BE OPERATIONAL IN AUTOPLEX 1000. GENERIC 2STP3 OR LATER MUST BE USED IN 2STP AND 2ASTP APPLICATIONS.
- 66. THE LONG MESSAGE FEATURE ON SSI NODES (NP,R10 AND R11 PACKS) REQUIRES, IN ADDITION TO LIST WA, PROVISION OF LIST F (OPTION P, CIRCUIT PACK MC-3F012A1) AND LIST G (OPTION M, CIRCUIT PACKS UN122B AND UN123B) OR LIST R (OPTION D, CIRCUIT PACKS UN122C AND UN123B). ON IRN NODES ONLY LIST WA IS REQUIRED. WHEN THE LONG MESSAGE FEATURE IS REQUIRED IT MUST BE PROVIDED IN EVERY NODE IN THE RING.
- 67. SPECIFY LIST S WHEN CONVERTING LNI FROM SSI NODE INTO IRN OR ULN IN THE FIELD. ALSO, WHEN LNI IS ORDERED AS AN IRN OR ULN IN THE SHOP, LIST S MUST BE SPECIFIED. EARLIER VERSIONS HAVE HAD HARD WIRE STRAPPING PER TABLE F.
- 68. RESERVED.
- 69. APPLICATION OF THESE LISTS (\$20,21\$,23,24,25,T,S,WA) WILL BE PER APPLICATION SCHEMATICS. ANALYSIS WILL BE REQUIRED TO DETERMINE WHETHER CERTAIN LISTS SHOULD BE SPECIFIED OR NOT. REFER TO TABLE G FOR LISTING OF APPLICATION SCHEMATICS.
- 70. LIST N IS REQUIRED WHEN THE NODES ARE EQUIPPED WITH IRN AND LI CIRCUIT PACKS, WHILE LIST P IS REQUIRED WHEN THEY ARE EQUIPPED WITH IRN AND MDL PACKS.
- 71. GENERIC IMS 3.2 OR LATER MUST BE PROVIDED TO ALLOW FOR THE 8MHZ IRN APPLICATION TO BE OPERATIONAL. SEE APPLICATION SCHEMATICS FOR GENERICS REQUIRED FOR SPECIFIC APPLICATIONS.
- 72. WHEN IRN'S ARE PROVIDED IN THE RING, PROVIDE A MAXIMUM OF 4 L-33 (TN1803, 4K-8) PIFB'S LOCATED AROUND THE RING. IT IS RECOMMENDED THAT TWO OF THEM BE LOCATED ADJACENT TO THE RPC NODES. IMS/CNI APPLICATION SCHEMATIC (SD3F019-02) AS WELL AS EACH SPECIFIC APPLICATION SCHEMATIC, LIST GUIDELINES FOR ENGINEERING AND REPLACEMENT OF IPB'S.
- 73. RINGS REQUIRING MORE THAN 4 IPB'S AND OPERATING AT 8MHZ MUST ----- CONTINUED TO THE LEFT -----

ISSUE NOTES (CONTINUED)

H09318  
TABLE A, LISTS 6, 10, 11, 12, 14, 29, 120A, AB, AD, R, Z SR & ST RATED DA  
LISTS AF & 120C ADDED.  
STOCKLIST, S/L 4600, 4610, 4620, 4630, 4640, 4650, 4660, 4680, 4690 & 4700 ADDED. S/L 3831, REF TO LIST 130 REMOVED. S/L 4341, QTY CHG FROM 1 TO 2 AND POS 14 ADDED.  
UN337 & TN2523 ADDED TO TABLE D  
NOTE 88 ADDED.  
FIG 1B,101 & 102 ADDED. REF TO 120C ADDED TO FIG 100 & FIG 11.

ORIG ISS: 02/15/83 NDD NBR: WS0100570 CHANGE CLASS: B

DRAFT: RPR	ENGR: RDM	SUPV: NDH	CERTIFIED: 05/21/01	ISSUE: 70
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SIGNALING AND PACKET  
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SPECIFICATION FOR  
3B INTERFACE UNIT  
MOUNTED ON RING NODE FRAME

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TABLE A-FEATURES											
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA							SD EQUIVALENT		
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
ASSEMBLY AND WIRING REQUIRED FOR ONE 3B INTERFACE UNIT ARRANGED FOR ONE RPC NODE, ONE RPC NODE AND ONE LINK NODE, OR TWO LINK NODES. (SEE ENG NOTE 52).			1	1	T*3F008-11	H1					
EQUIPMENT REQD IN ADDITION TO L-1 TO PROVIDE FOR ONE RING PERIPHERAL CONTROLLER NODE. (RPCN) (FIRST NODE ON UNIT) (SEE ENG NOTE 58).			2	1	T*3F008-11	1,H3 (1)		Q,N	SD3F008-01	1	ZZ
EQUIPMENT REQD IN ADDITION TO L-1 TO PROVIDE THE PADDED INTERFRAME BUFFER CKT PACK WHEN 60 OR FEWER NODES ARE EQPD. (SEE ENG NOTE 53).		DA	3	1	T*3F008-11	2		Z			
EQUIPMENT REQD IN ADDITION TO L-1 TO PROVIDE THE INTERFRAME BUFFER CKT PACK WHEN MORE THAN 60 NODES ARE EQUIPPED.			4	1	T*3F008-11	2		Y			
REQUIRED IN ADDITION TO LIST 1 TO ARRANGE UNIT FOR A LINK NODE. (PROVIDES NP AND RI CIRCUIT PACKS) (REQUIRED FOR CNI APPLICATIONS) (2ND NODE ON UNIT)			5	1	T*3F008-11	4 (4)		Q,N	SD3F008-01	4	ZZ
REQUIRED IN ADDITION TO L-5 OR L-11 TO FULLY EQUIP THE LINK NODE AND TO ARRANGE THE UNIT FOR NON-ENCRYPTED 2400/4800 BPS OPERATION. DA EFF:02/15/96 FE/RA:NONE		DA	6	1	T*3F008-11	5		X			
REQUIRED IN ADDITION TO L-5 OR L-11 TO FULLY EQUIP THE LINK NODE AND TO ARRANGE THE UNIT FOR NON-ENCRYPTED 4800 BPS OPERATION (SEE NOTE 60)		DA	7	1	T*3F008-11	5		W			
REQUIRED IN ADDITION TO L-5 OR L-11 TO FULLY EQUIP THE LINK NODE AND TO ARRANGE THE UNIT FOR NON-ENCRYPTED 56K BPS OPERATION			8	1	T*3F008-11	5		V			
REQUIRED IN ADDITION TO L-5 OR L-11 TO FULLY EQUIP THE LINK NODE AND TO ARRANGE THE UNIT FOR ENCRYPTED 4800 BPS OPERATION (THIS LIST IS RESTRICTED TO AT&T/NOG CUSTOMERS ONLY).		DA	9	1	T*3F008-11	5		U			
REQUIRED IN ADDITION TO L-5 OR L-11 TO FULLY EQUIP THE LINK NODE AND TO ARRANGE THE UNIT FOR ENCRYPTED 56K BPS OPERATION (THIS LIST IS RESTRICTED TO AT&T/NOG CUSTOMERS ONLY). DA EFF:12/14/98 FE/RA:NONE		DA	10	1	T*3F008-11	5		T			
REQUIRED IN ADDITION TO L-1 TO PARTIALLY EQUIP THE FIRST NODE AS A LINK NODE. (SEE NOTES 58 & 62) DA EFF:01/17/97 FE/RA:NONE		DA	11	1	T*3F008-11	3		M,P			
REQUIRED IN ADDITION TO L-2 TO PROVIDE THE ATTACHED PROCESSOR (AP) CKT PACK FOR THE DIRECT LINK NODE (DLN) OPERATION. (SEE NOTES 57,58 & 77). DA EFF:04/30/97 FE/RA:NONE	6	DA	12	1	T*3F008-11	(6)		\$ZG\$ ZK			
(RESERVED)			13								
EQUIPMENT REQD IN ADDITION TO L-18 OR \$L-19\$ L-26 TO PROVIDE TWO RS232 AND TWO V.35 PORTS. DA EFF:02/01/96 FE/RA:NONE		DA	14	1	T*3F008-11	7					
EQUIPMENT REQD IN ADDITION TO L-18 OR \$L-19\$ L-26 TO PROVIDE FOUR RS232 PORTS.			15	1	T*3F008-11	8					

TABLE-A CONTINUED

TABLE A-FEATURES (CONTINUED)											
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA							SD EQUIVALENT		
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
EQUIPMENT REQD IN ADDITION TO L-18 OR \$L-19\$ L-26 TO PROVIDE FOUR RS449 PORTS.			16	1	T*3F008-11	9					
EQUIPMENT REQD IN ADDITION TO L-18 OR \$L-19\$ L-26 TO PROVIDE FOUR V.35 PORTS.		DA	17	1					SD3F008-01	10	ZU
REQUIRED IN ADDITION TO L-5 OR L-11 TO EQUIP THE LI4S CIRCUIT PACK. USED W/SADC FEATURE IN 4E/NSD OR IN INCP INTERNATIONAL APPLICATION. (MAX 2 L-18/NODE, 4 L-18/UNIT IN 4E/SADC)(MAX 1 L-18/NODE, ONE L-18/UNIT IN INCP INTERNATIONAL OR FOR A DIGITAL LINK INTERFACE FOR USE IN NCPI OR SCP2 APPLICATION). (SEE NOTES 59,59A,59B & 82).			18	1	T*3F008-11	11					
REQUIRED IN ADDITION TO L-5 TO PROVIDE THE MDL PACK (MAX 2 L-19 PER UNIT) (AUTOPLEX APPLICATION) (SEE NOTE 61).(REPLACED BY L-26)		DA	19	1	T*3F008-11	12					
REQUIRED IN ADDITION TO L-F AND L-G TO PROVIDE THE IRN PACK. (SEE NOTE 65). (REPLACED BY L-23 OR L-T)		DA	20	1 OMIT131	T*3F008-11	13 (4) OR (1)		ZD M,P M,P			
REQUIRED IN ADDITION TO L-1 TO PROVIDE THE 4K PADDED INTERFRAME BUFFER CKT PACK FOR LONG MESSAGE OPERATION. (REPLACED BY L-24)		DA	21	1	T*3F008-11	14		A			
REQUIRED IN ADDITION TO LIST 8 OR LIST 10 TO PROVIDE FOR V.35 INTERFACE AT THE RING. (14A INTERFACE ADAPTER).			22	1	T*3F008-11	15					
REQUIRED IN ADDITION TO L-5 TO PROVIDE THE 8MHZ IRN CIRCUIT PACK (UN303B, MC3F018A1) ON THE LN NODE-(SEE NOTE 71) (REPLACES L-20)(REPLACED BY L31)		DA	23	1 OMIT131	T*3F008-11	13 (4)		ZC M,P			
REQUIRED IN ADDITION TO L-1 TO PROVIDE THE PIFB 4K-8MHZ CIRCUIT PACK. (SEE NOTE 72) (REPLACES L-21) (REPLACED ON A CL: A BY L-33)		DA	24	1	T*3F008-11	14		ZB			
REQUIRED IN ADDITION TO L-1 TO PROVIDE THE IFB 16 BYTE-8MHZ CIRCUIT PACK-(SEE NOTE 73)			25	1	T*3F008-11	14		ZC			
REQUIRED IN ADDITION TO L-5 TO EQUIP THE HIGH CAPACITY MDL CKT PACK FOR AUTOPLEX APPLICATIONS. (MAX 2 L-26/UNIT) (SEE NOTE 61).			26	1	T*3F008-11	16					
REQUIRED IN ADDITION TO L-2 TO PROVIDE THE 8 MBYTE ATTACHED PROCESSOR (AP) CKT PACK FOR ENHANCED DIRECT LINK NODE (DLN) OPERATION. (L-12 AND L-27 ARE MUTUALLY EXCLUSIVE)		DA	27	1	T*3F008-11	(6)		ZJ			

TABLE-A CONTINUED

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 3B INTERFACE UNIT  
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TABLE A-FEATURES (CONTINUED)												
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA							SD EQUIVALENT			
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT	
EQUIPMENT REQUIRED IN ADDITION TO L-2 TO PROVIDE THE AP30 CKT PACK FOR THE ENHANCED DIRECT LINK NODE (DLNE). (SEE NOTE 78) (1A ESS ONLY)			28	1	T*3F008-11	17						
EQUIPMENT REQD IN ADDITION TO L10 TO PROVIDE ENHANCED MESSAGE SAMPLING CAPABILITIES (EMSB). (SEE NOTE 80) DA EFF:03/01/96 FE/RA:NONE	79	DA	29	1	T*3F008-11	18						
REQUIRED IN ADDITION TO L-2 TO PROVIDE THE 8MHZ IRN CIRCUIT PACK (UN303B,MC3F026A1) ON THE RPC NODE (IRN/RPCN) AUTOPLEX 1000 APPLICATIONS ONLY. OR ON THE DLNE. (SEE NOTE 71) (REPLACES L-20 & L-T)			30	1 OMIT131	T*3F008-11	13 (1)		ZN M,P				
REQUIRED IN ADDITION TO L5,LF AND LG TO PROVIDE THE 8MHZ IRN CKT PACK (UN303B MC3F026A1) ON THE LN NODE (SEE NOTES 71 & 81) (REPLACES LIST 23).			31	1 OMIT131	T*3F008-11	13 (4)		ZR M,P				
REQUIRED IN ADDITION TO L-2 TO PROVIDE THE 8MHZ ROBUST IRN CP (UN305/MC3F028A1) ON THE RPC NODE FOR 2/2A STP. (REPLACES L-30 IN 2/2A STP APPLICATIONS)		DA	32	1 OMIT131	T*3F008-11	13 (1)		ZS M,P				
EQUIPMENT REQUIRED IN ADDITION TO L-1 TO PROVIDE THE 4K-8MHZ PIFB CKT PACK. (SEE NOTE 72) (REPLACES L-24 ON A CL: A BASIS)			33	1					SD3F008-01	14	ZT	
EQUIPMENT REQUIRED IN ADDITION TO L-18 OR L-26 TO PROVIDE FOUR V.35 PORTS EACH WITH LOCAL LOOP-BACK AND REMOTE LOOP-BACK CAPABILITY. (SEE NOTE 83).			34						SD3F008-01	10	ZV	
EQUIPMENT REQUIRED IN ADDITION TO L-1 TO PROVIDE FOR ONE SMALL COMPUTER SYSTEM INTERFACE (SCSI) CIRCUIT PACK. (ASI APPLICATION)			35	1					SD3F008-01	19		
EQUIPMENT REQUIRED IN ADDITION TO L-35 TO PROVIDE ONE SCSI PADDLE BOARD (ASI APPLICATION).			36	1					SD3F008-01	19	ZW	
EQUIPMENT REQUIRED IN ADDITION TO L-1 TO PROVIDE THE IRN2 CKT PACK. (ASI APPLICATION).			37	1					SD3F008-01	20		
EQUIPMENT REQUIRED IN ADDITION TO L-2 WITH L-F & L-G OR L-5 WITH L-F & L-G TO PROVIDE THE IRN2 PACK (UN304/MC3F024A1C).			38	1					SD3F008-01	20		
EQUIPMENT REQUIRED TO PROVIDE THE IRN2 PACK (UN304/MC3F024A1C) TO UPGRADE THE DLN NODE FROM IRN B TO IRN2	87		38A	1					SD3F008-01	20		
EQUIPMENT REQUIRED IN ADDITION TO L-5 TO EQUIP THE LINK NODE FOR ENCRYPTED 56 KBPS OPERATION W/PROCESSOR OUTAGE (PRO-LIE). (THIS LIST IS RESTRICTED TO NSD CUSTOMERS) (SEE NOTE 84)			39	1					SD3F008-01	5	ZX	
EQUIPMENT REQUIRED IN ADDITION TO L-5 TO EQUIP THE LINK NODE FOR NON-ENCRYPTED 56 KBPS OPERATION W/PROCESSOR OUTAGE (PRO-LINE) (SEE NOTE 85)			40	1					SD3F008-01	5	ZY	
EQUIPMENT REQUIRED IN ADDITION TO L-2 OR L-5 WHEN UNIT IS MOUNTED IN 5E-2000 CABINET E/W MFFU.			41	1 OMIT131					SD3F008-01 SD3F008-01	1,4 1,4	YA ZZ	
TABLE-A CONTINUED												

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TABLE A-FEATURES (CONTINUED)												
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA							SD EQUIVALENT			
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT	
EQUIPMENT REQUIRED IN ADDITION TO LIST 18 TO PROVIDE THE V.35 INTERFACE CAPABILITY FOR ONE PORT. (REQUIRED FOR SCP II APPLICATION WHEN UNIT MOUNTED IN 5E-2000 CABINET J3F011C-2).				42						SD3F008-01	21	YB
EQUIPMENT REQUIRED IN ADDITION TO L-2 TO PROVIDE THE AP30 CKT PACK FOR THE ENHANCED DIRECT LINK NODE (DLNE)				43						SD3F008-01	1	YD
EQUIPMENT REQUIRED IN ADDITION TO L-5, L-F & L-G TO PROVIDE THE RING INTERFACE BOARD (RIB) CKT PACK FOR THE UNIVERSAL LINK NODE FEATURE (ULN). (SEE NOTE 67)				44						SD3F008-01	21	
EQUIPMENT REQUIRED IN ADDITION TO L-44 TO PROVIDE THE T1 INTERFACE BOARD (T1B) CKT PACK FOR THE UNIVERSAL LINK NODE FEATURE (ULN) WHEN HIGH SPEED LN (1.544 MB/SEC) IS REQUIRED.				45						SD3F008-01	22	
EQUIPMENT REQUIRED IN ADDITION TO LIST 2 AND LIST 38 TO PROVIDE THE AP60 CIRCUIT PACK FOR DLN60 OPERATION. (4ESS APPLICATIONS)				46								
ASSEMBLY, WIRING & EQUIPMENT REQUIRED FOR ONE 3BI UNIT INTENDED TO MOUNT ON A RING NODE CABINET (J3F011E-40) OR (J3F011J-1) AUTOPLEX APPLICATIONS. (SPECIFY WITH LIST 101, 110, OR 120, 120A, 120B OR 130)				100								
REQUIRED IN ADDITION TO L100 WHEN 3BI UNIT WILL MOUNT ON AUTOPLEX BASIC CONFIGURATION CABINETS RN00 OR RN32 ON CABINET POSITION 4 ON J3F011J-1. (1 IRN, 1 LI4S, 1 982YB). (CCS7 NODE) (IRN)				101								
REQUIRED IN ADDITION TO L100 WHEN 3BI UNIT WILL MOUNT ON AUTOPLEX BASIC CONFIGURATION CABINETS RN00 OR RN32 ON CABINET POSITION 4 ON J3F011J-1. (1 IRN2, 1 LI4S, 1 982YB). (CCS7 NODE) (IRN2)	500			101A								
EQUIPMENT REQUIRED IN ADDITION TO L100 WHEN 3BI UNIT WILL MOUNT ON AUTOPLEX BASIC CONFIGURATION CABINETS RN00 OR RN32 ON CABINET POSITION 0. UNIT WILL BE EQUIPPED WITH ONE RPCN AND ONE LN NODE. (2 PU'S, 2 IRN'S, 1 3BI, 1 DDSBS, 1 MDL, 1 PIFB).				110								
TABLE-A CONTINUED												

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SIGNALING AND PACKET SWITCHING SYSTEMS SPECIFICATION FOR 3B INTERFACE UNIT MOUNTED ON RING NODE FRAME

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TABLE A-FEATURES (CONTINUED)											
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA							SD EQUIVALENT		
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
EQUIPMENT REQUIRED IN ADDITION TO LIST 100 WHEN 3BI UNIT WILL MOUNT IN AUTOPLEX BASIC CONFIGURATION CABINETS RN00 OR RN32 IN CABINET POS. 0. UNIT WILL BE EQUIPPED WITH ONE RPCN USING THE IRN2 AND ONE LINK NODE. (2 PU'S, 1 IRN2, 1 IRN, 1 3BI, 1 DDSBS, 1 MDL, 1 PIFB)			111								
EQUIPMENT REQUIRED IN ADDITION TO L100 WHEN 3BI UNIT WILL MOUNT ON AUTOPLEX BASIC CONFIGURATION CABINETS RN00 OR RN32 ON CABINET POSITION 3. UNIT WILL BE EQUIPPED WITH ONE DLN NODE. (PU,IRN,AP,3BI,DDSB).			120								
EQUIPMENT REQUIRED IN ADDITION TO L100 WHEN 3BI UNIT WILL MOUNT ON AUTOPLEX BASIC CONFIGURATION CABINETS RN00 OR RN32 ON CABINET POSITION 3 ON J3F011E-40 OR CABINET POS 4 ON J3F011J-1. UNIT WILL BE EQUIPPED WITH ONE DLN NODE. (PU,IRN2,AP30,3BI,DDSB).		DA	120A								
EQUIPMENT REQUIRED IN ADDITION TO LIST 100 WHEN THIS 3BI UNIT WILL MOUNT ON AUTOPLEX BASIC CONFIGURATION CABINETS, RN00 OR RN32 IN CABINET POSITION 3 ON J3F011E-40 OR CABINET POS 4 ON J3F011J-1. EQUIPS UNIT WITH ONE DLN60 AND A POWER UNIT IN POS 7. (PU, IRN2, AP60)	500		120B	1					SD3F008-01 SD3F008-01	20 23	
EQUIPMENT REQUIRED IN ADDITION TO LIST 100 WHEN THIS 3BI UNIT WILL MOUNT ON AUTOPLEX BASIC CONFIGURATION CABINETS, RN00 OR RN32 IN CABINET POS 3 ON J3F011E-40 OR CABINET POS 4 ON J3F011J-1. EQUIPS UNIT WITH ONE DLN60-E AND A POWER UNIT IN POS 7. (PU, IRN2R, AP60)	88 500		120C	1					SD3F008-01 SD3F008-01	23 24	
EQUIPMENT REQUIRED IN ADDITION TO L100 WHEN 3BI UNIT IS INTENDED FOR FIELD MOUNTING ON AUTOPLEX GROWTH CONFIGURATION CABINETS RN01,RN29,RN31,RN33, RN61 OR RN63 ON CABINET POSITION 5.			130								
REQUIRED IN ADDITION TO LIST 1 WHEN ANY OF L3, L4 OR L33 IS PROVIDED. (OMITS APP BLANK AT BUFFER POSITIONS) (MAX 2 L-A)		DA	A								
EQUIPMENT REQUIRED IN ADDITION TO LIST 2 FOR ALL APPLICATIONS EXCEPT 2STP. (OMITS LOCAL CABLE)			B	OMIT131	T*3F008-11	H3					
REQUIRED IN ADDITION TO L-1 WHEN UNIT MOUNTS ON CNI CABINETS J3F011C-1 (5 ESS TYPE)			C								
REQUIRED IN ADDITION TO L-1 WHEN UNIT MOUNTS ON CNI CABINETS J3F011D-1, E-1 (3B TYPE)			D								
ALWAYS REQUIRED IN ADDITION TO L-2 OR L-5 ON ISS 9 OR LATER OF THIS DRAWING. (PROVIDES INCREASED NP MEMORY - MAX. 2 L-E PER UNIT). (SEE NOTE 55).		DA	E	1	T*3F008-11	(1) OR (4) (1) OR (4)		R			
ALWAYS REQUIRED IN ADDITION TO L-2 OR L-5 ON ISS 14 OR LATER OF THIS DRAWING. (PROVIDES THE MC-3F012A1 CKT PACK)			F	1	T*3F008-11	(1) OR (4) (1) OR (4)		P			
TABLE-A CONTINUED											

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TABLE A-FEATURES (CONTINUED)											
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA							SD EQUIVALENT		
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
ALWAYS REQUIRED IN ADDITION TO L-2 OR L-5 ON ISS 17 OR LATER OF THIS DRAWING.			G	1	T*3F008-11	(1) OR (4) (1) OR (4)		M			
REQUIRED IN ADDITION TO FIRST L-18. (PROVIDES HARDWARE FOR INTERFACE ADAPTERS. (ONE L-H PER UNIT)			H								
REQUIRED IN ADDITION TO L-1 WHEN UNIT MOUNTS ON J3F011B-1 FRAME OR J3F011C-1 CABINET, UNIT POS 1 (LN2-3, GR 00) OR POS 3 (RPCN0-LN1). PROVIDES GRD STRAPS. (1AESS OR 5ESS APPLICATIONS).			J								
REQUIRED IN ADDITION TO L-1 WHEN UNIT MOUNTS ON J3F011B-1 FRAME OR J3F011C-1 CABINET, UNIT POS 4 (LN2-3, GR 32). PROVIDES LONGER GRD STRAPS. (1AESS OR 5ESS APPLICATIONS).			K								
REQUIRED IN ADDITION TO FIRST \$L-19\$ OR FIRST L-26 (PROVIDES MDL HARDWARE AND DESIGNATION LABEL). (ONE LIST L/UNIT). (REPLACED BY L-P)		DA	L								
REQUIRED IN ADDITION TO L-1 WHEN L-2, L-5 AND L-18 ARE SPECIFIED TOGETHER. (PROVIDES LABELS FOR RPCN & LN (SADC) NODES).			M								
REQUIRED IN ADDITION TO \$L-20\$ \$L-23 & L-T\$ L-30,L-31 OR 32 OR 37 OR 38 TO PROVIDE THE DESIG STRIP FOR IRN/LN NODES WITH LI PACKS. (RPCN-LN) (SEE NOTE 70)			N								
REQUIRED IN ADDITION TO FIRST L-26 AND \$L-20,L-23 OR L-T\$ L-30 OR L-31 TO PROVIDE THE DESIG STRIPS AND MDL HARDWARE REQUIRED FOR AUTOPLEX-1000 APPLICATIONS. (SEE NOTE 70).			P								
REQUIRED IN ADDITION TO LIST G WHEN LIST \$20, L-23 OR L-T\$ L-30 OR L-31 OR L-32 OR L-38 IS NOT SPECIFIED. (MAX 2 LIST R/UNIT) ( PROVIDES UN122C & UN123B CIRCUIT PACKS). (SEE NOTE 64) DA EFF:01/17/97 FE/RA:NONE		DA	R	1	T*3F008-11	(1) OR (4) (1) OR (4)		D			
TABLE-A CONTINUED											

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TABLE A-FEATURES (CONTINUED)											
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA							SD EQUIVALENT		
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
REQUIRED IN ADDITION TO L-1 OR L-23\$ L-30 OR L31 OR 32 OR 37,38 OR 44 TO CONVERT FROM SSI TO IRN OR FROM SSI TO ULN. (PROVIDES STRAPPING BETWEEN IRN AND NP POSITIONS IN FORMED CABLE). SEE NOTE 67. (MAX 2 L-S).			S	1	T*3F008-11	(13)	HA				
REQUIRED IN ADDITION TO L-2 TO PROVIDE THE 8MHZ IRN CIRCUIT PACK (UN303B,MC3F018A1) ON THE RPC NODE FOR 2/2A STP. (SEE NOTE 71) (REPLACES L-20) (REPLACED BY L-30)		DA	T	1 OMIT131	T*3F008-11 T*3F008-11	13 (1)		ZP M,P			
ALWAYS REQUIRED IN ADDITION TO LIST 2 OR LIST 11 OR L35 ON ISS 30 OR LATER OF THIS DRAWING. (PROVIDES ADDITIONAL PROGRAMMING RESISTORS TO PREVENT CONVERTER SHUTDOWN) (ED3F064-37, G46)			U	1	T*3F008-11	(1) OR (3)		ZE ZE			
ALWAYS REQUIRED IN ADDITION TO LIST 5 ON ISSUE 30 OR LATER OF THIS DRAWING. (PROVIDES ADDITIONAL PROGRAMMING RESISTORS TO PREVENT CONVERTER SHUTDOWN) (ED3F064-37, G46)			V	1	T*3F008-11	(4)		ZF			
REQUIRED IN ADDITION TO L-18 TO PROVIDE APPLIQUE BLANK ASSEMBLIES (1NCP INTERNATIONAL APPLICATIONS)			W								
EQUIPMENT REQUIRED IN ADDITION TO L-2 & L-5 SPEC'D TOGETHER TO PROVIDE DESIG STRIP (RPCN-LN)			X								
EQUIPMENT REQUIRED IN ADDITION TO L-5 SPECIFIED ALONE OR L-5 AND L-12 OR L-5 & L-28 OR L-5 & L43 PROVIDE DESIG STRIP.			Y								
REQUIRED IN ADDITION TO L-1 & L-2 TO PROVIDE DESIGNATION STRIP LABELS FOR 1PSS APPLICATION USING IRNR CKT PACK (MC3F028A1). (1PSS W/IRNR) DA EFF:02/15/01 FE/RA:NONE		DA	Z								
EQUIPMENT REQUIRED IN ADDITION TO L-35 TO PROVIDE POWER UNIT AND MISC HARDWARE. (ASI APPLICATION)			AA	1					SD3F008-01	19	ZX
KIT REQUIRED TO UPGRADE THE MC3F022A1 CKT PACK TO MC3F029A1 FOR FIELD APPLICATION ONLY FOR THE PRO-LIE FEATURE. (SEE NOTE 84) DA EFF:03/21/01 FE/RA:NONE		DA	AB								
KIT REQUIRED TO UPGRADE THE MC3F003A1 CKT PACK TO MC3F030A1 FOR FIELD APPLICATION ONLY FOR THE PRO-LINE FEATURE. (SEE NOTE 85)			AC								
KIT REQUIRED TO CONVERT THE ENCRYPTED MC3F022A1 OR MC3F029A1 TO NON-ENCRYPTED PACKS FOR FIELD APPLICATIONS. (ENCRYPTION REMOVED; PRO-LIER).(SEE NOTE 86) DA EFF:03/21/01 FE/RA:NONE		DA	AD								
EQUIPMENT REQUIRED IN ADDITION TO LIST 1 TO PROVIDE CABLE SHIELD ADAPTOR BRACKETS FOR 2STP-NSD APPLICATIONS.			AE								
PROVIDES A SHEET OF ASSORTED LABELS FOR UPGRADING DESIGNATION STRIPS WHEN NODES ARE ADDED OR UPGRADED.	500		AF								

TABLE-A CONTINUED

TABLE A-FEATURES (CONTINUED)											
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA							SD EQUIVALENT		
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
REQUIRED IN ADDITION TO L-1 WHEN UNIT MOUNTS ON UNIT POS. 0, EQPD WITH RPCN0 NODE ONLY. (1AESS) OR (5ESS) OR (4E/RBOC CABINET RN00)			SA								
REQUIRED IN ADDITION TO L-1 WHEN UNIT MOUNTS ON UNIT POS. 0, EQPD WITH RPCN0 NODE ONLY. (2STP) OR (2ASTP) OR (1PSS-R4) OR (1PSS-R3/R4).			SB								
REQUIRED IN ADDITION TO L-1 WHEN UNIT MOUNTS ON UNIT POS. 0, EQPD WITH RPCN0 & LN1 NODES. (5ESS) OR (1NCP) OR (4E/RBOC, RN00)			SC								
REQUIRED IN ADDITION TO L-1 WHEN UNIT MOUNTS ON UNIT POS. 0, EQPD WITH RPCN0 & LN1 NODES. (4E/NSD)			SD								
REQUIRED IN ADDITION TO L-1 WHEN UNIT MOUNTS ON UNIT POS. 0, EQPD WITH RPCN0 & LN3 NODES. (AUTOPLEX 1000)			SE								
REQUIRED IN ADDITION TO L-1 WHEN UNIT MOUNTS ON UNIT POS. 1, EQPD WITH LN3 NODE ONLY. (5ESS)			SF								
REQUIRED IN ADDITION TO L-1 WHEN UNIT MOUNTS ON UNIT POS. 1, EQPD WITH DLN2 & LN3 NODES. (1A>SS) OR (5ESS) OR (4E/RBOC,RN00).			SG								
REQUIRED IN ADDITION TO L-1 WHEN UNIT MOUNTS ON UNIT POS. 2, EQPD WITH DLN5 & LN6 NODES.(4E/NSD)			SH								
REQUIRED IN ADDITION TO L-1 WHEN UNIT MOUNTS ON UNIT POS. 3, EQPD WITH RPCN0 NODE ONLY. (1AESS) OR (5ESS) OR POS 0 (4E/RBOC,RN32)			SJ								
REQUIRED IN ADDITION TO L-1 WHEN UNIT MOUNTS ON UNIT POS. 3, EQPD WITH RPCN0 & LN1 NODES. (5ESS) OR (1NCP) OR POS 0(4E/RBOC,RN32)			SK								
REQUIRED IN ADDITION TO L-1 WHEN UNIT MOUNTS ON UNIT POS. 4, EQPD WITH LN3 NODE ONLY. (5ESS).			SL								
REQUIRED IN ADDITION TO L-1 WHEN UNIT MOUNTS ON UNIT POS. 4, EQPD WITH DLN2 AND LN3 NODES. (1AESS) OR (5ESS) OR POS 1(4E/RBOC,RN32)			SM								
REQUIRED IN ADDITION TO LIST 1 WHEN UNIT MOUNTS ON UNIT POS. 4, EQPD WITH DLN10, LN 11 NODES. (4E/NSD)			SN								
STAMPING REQUIRED IN ADDITION TO LIST 1 WHEN UNIT MOUNTS ON UNIT POS. 3 ON RN00. (4E/RBOC)			SP								

TABLE-A CONTINUED

SEE PROPRIETARY NOTICE ON SHEET ONE  
 COPYRIGHT © 2001 LUCENT TECHNOLOGIES  
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 ALL RIGHTS RESERVED

RW99

SIGNALING AND PACKET  
 SWITCHING SYSTEMS  
 SPECIFICATION FOR  
 3B INTERFACE UNIT  
 MOUNTED ON RING NODE FRAME

DWG SIZE  
C2

ISSUE  
70

J3F011AA-1

LUCENT TECHNOLOGIES INC J3F011AA-1

SHEET A7  
OF 38

TABLE A-FEATURES (CONTINUED)

EQUIPMENT		EQUIPMENT OR CIRCUIT DATA							SD EQUIVALENT		
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
STAMPING REQUIRED IN ADDITION TO LIST 1 WHEN UNIT MOUNTS ON UNIT POS. 3 ON RN32. (4E/RBOC)			SQ								
STAMPING REQD IN ADDITION TO LIST 29 FOR THE NRA FRAUD CONTROL FEATURE. DA EFF:03/01/96 FE/RA:NONE		DA	SR								
STAMPING REQD IN ADDITION TO LIST 29 FOR 800 DCS FEATURE DA EFF:03/01/96 FE/RA:NONE	80	DA	ST								
STAMPING REQUIRED IN ADDITION TO L-1 WHEN UNIT MOUNTS ON UNIT POS 5 EQUIPPED W/DLNE14 & LN15 NODES. [AUTOPLEX RELEASE (APX 4.0) APPLICATION]			SU								
WIRING REQUIRED IN ADDITION TO LIST G (SSI NODES) OR \$L-20\$ \$L-23 OR L-T (IRN)\$ L-30 OR L-31 TO PROVIDE THE LONG MESSAGE FEATURE. (SEE NOTE 76).			WA	1	T*3F008-11	1, 4	K				
END OF TABLE-A											

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 ALL RIGHTS RESERVED

RW99  
 SIGNALING AND PACKET  
 SWITCHING SYSTEMS  
 SPECIFICATION FOR  
 3B INTERFACE UNIT  
 MOUNTED ON RING NODE FRAME

DWG SIZE C2 ISSUE 70

J3F011AA-1

LUCENT TECHNOLOGIES INC J3F011AA-1

SHEET A8 OF 38

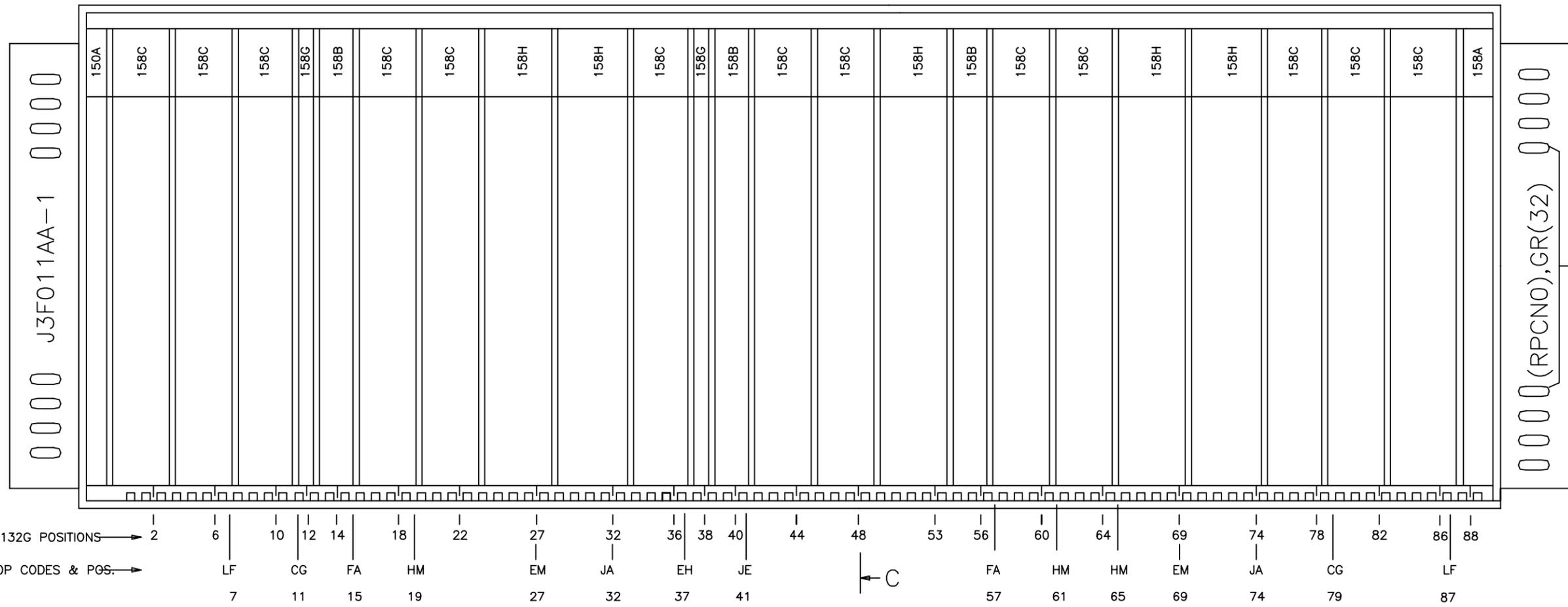


FIG. 1

SHOWING APPARATUS BLANKS ORDERED BY LIST 1  
 WHEN A CIRCUIT PACK MUST BE INSERTED IN A POSITION OCCUPIED BY  
 AN APPARATUS BLANK, THE APP BLANK WILL BE REMOVED AND DISCARDED  
 (SEE FIG. 1A)

SEE PROPRIETARY NOTICE ON SHEET 1			
LUCENT TECHNOLOGIES	J3F011AA-1	SHEET B1	ISSUE 65
		DWG SIZE C2	

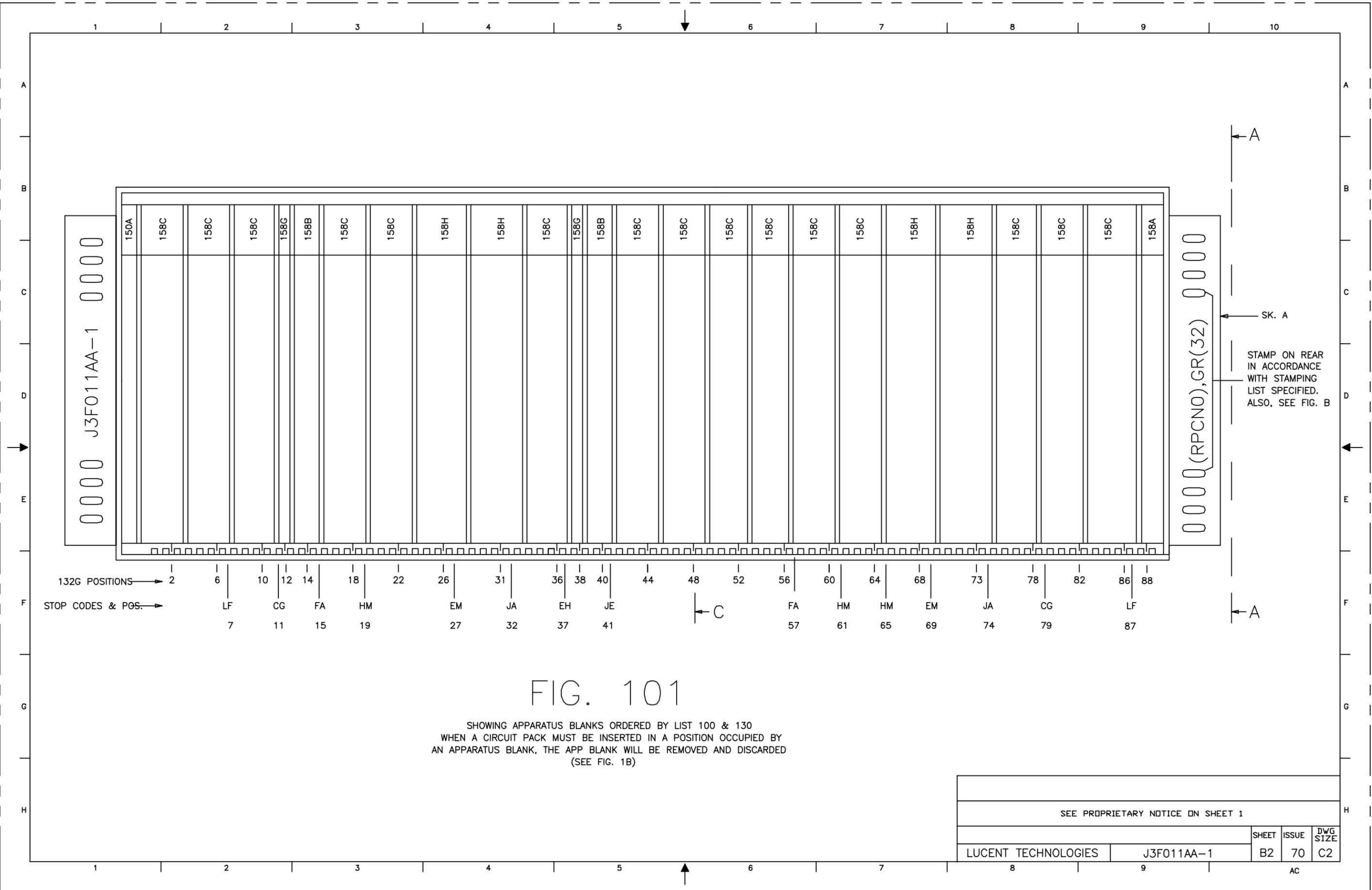


FIG. 101

SHOWING APPARATUS BLANKS ORDERED BY LIST 100 & 130  
 WHEN A CIRCUIT PACK MUST BE INSERTED IN A POSITION OCCUPIED BY  
 AN APPARATUS BLANK, THE APP BLANK WILL BE REMOVED AND DISCARDED  
 (SEE FIG. 1B)

SEE PROPRIETARY NOTICE ON SHEET 1		
LUCENT TECHNOLOGIES	J3F011AA-1	SHEET B2
		ISSUE 70
		DWG SIZE C2

AC

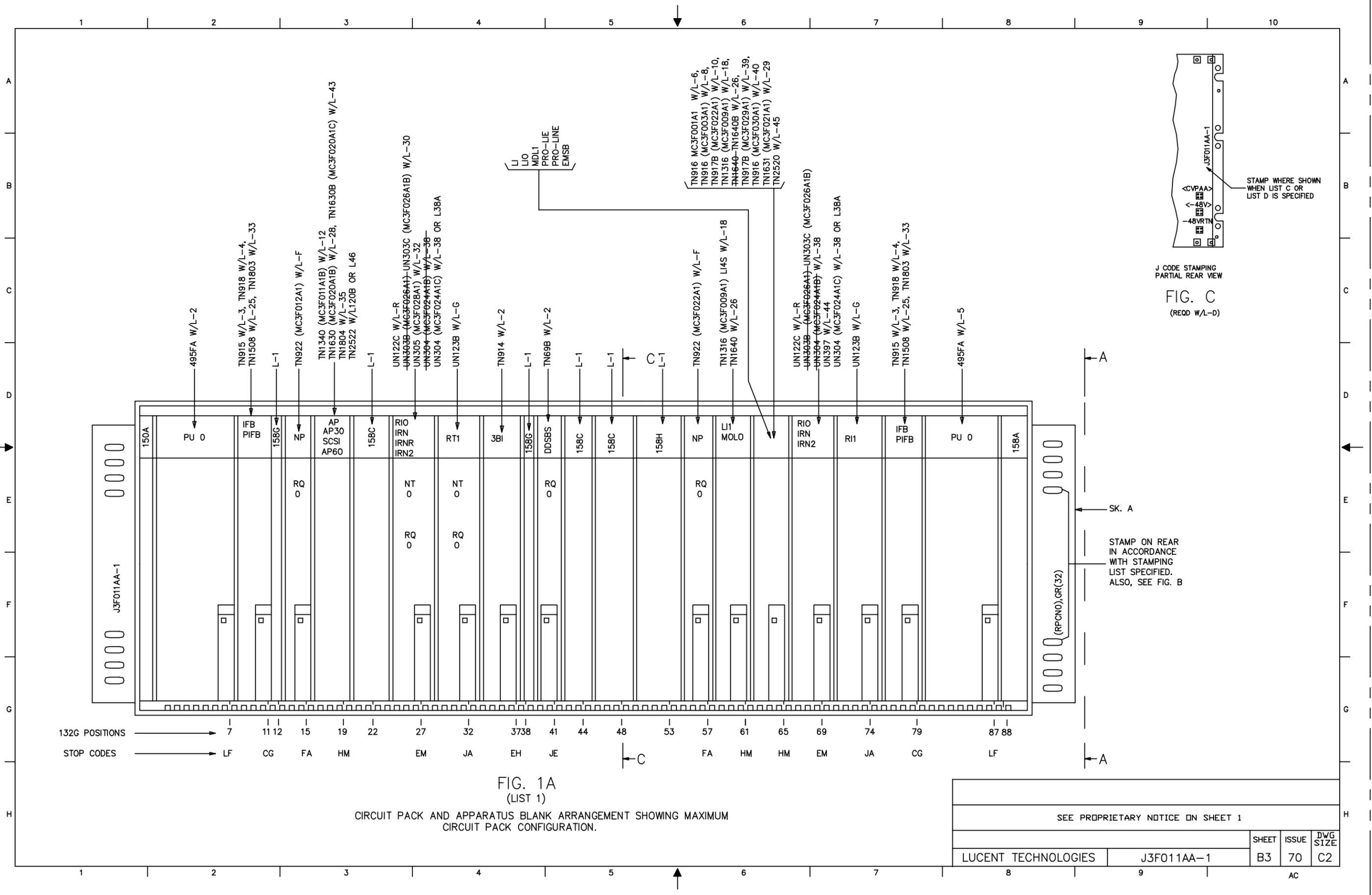
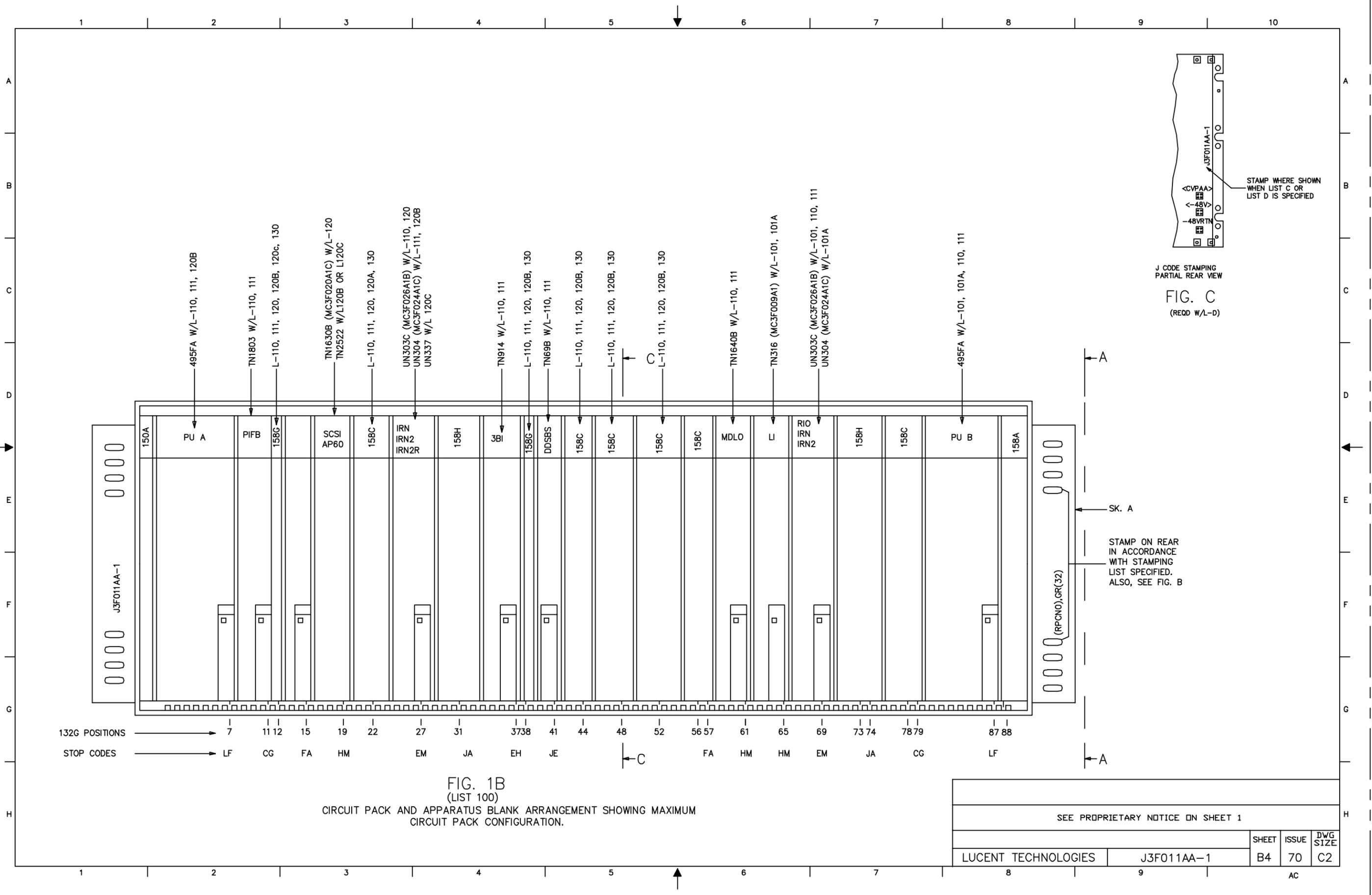


FIG. 1A  
(LIST 1)

CIRCUIT PACK AND APPARATUS BLANK ARRANGEMENT SHOWING MAXIMUM  
CIRCUIT PACK CONFIGURATION.

SEE PROPRIETARY NOTICE ON SHEET 1			
LUCENT TECHNOLOGIES	J3F011AA-1	SHEET B3	ISSUE 70
			DWG SIZE C2

AC



495FA W/L-110, 111, 120B

TN1803 W/L-110, 111

TN1630B (MC3F020A1C) W/L-120  
TN2522 W/L120B OR L120C

UN303C (MC3F026A1B) W/L-110, 120  
UN304 (MC3F024A1C) W/L-111, 120B  
UN337 W/L 120C

TN914 W/L-110, 111

L-110, 111, 120, 120B, 130

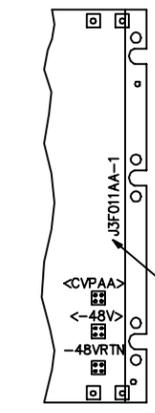
TN69B W/L-110, 111

L-110, 111, 120, 120B, 130

TN1640B W/L-110, 111

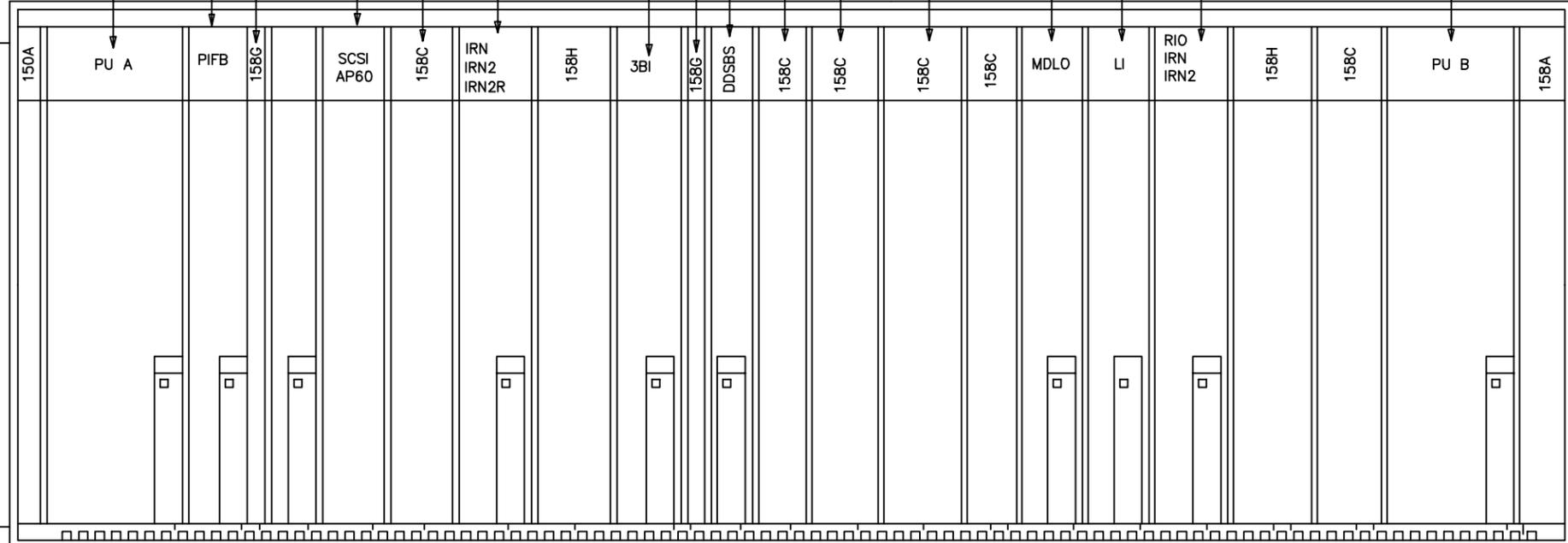
TN316 (MC3F009A1) W/L-101, 101A  
UN303C (MC3F026A1B) W/L-101, 110, 111  
UN304 (MC3F024A1C) W/L-101A

495FA W/L-101, 101A, 110, 111



STAMP WHERE SHOWN  
WHEN LIST C OR  
LIST D IS SPECIFIED

J CODE STAMPING  
PARTIAL REAR VIEW  
FIG. C  
(REQD W/L-D)



132G POSITIONS

STOP CODES

7	11	12	15	19	22	27	31	37	38	41	44	48	52	56	57	61	65	69	73	74	78	79	87	88
LF	CG		FA	HM		EM	JA	EH	JE					FA	HM	HM	EM		JA	CG			LF	

FIG. 1B  
(LIST 100)  
CIRCUIT PACK AND APPARATUS BLANK ARRANGEMENT SHOWING MAXIMUM  
CIRCUIT PACK CONFIGURATION.

SEE PROPRIETARY NOTICE ON SHEET 1			
LUCENT TECHNOLOGIES	J3F011AA-1	SHEET B4	ISSUE 70
		DWG SIZE C2	

AC

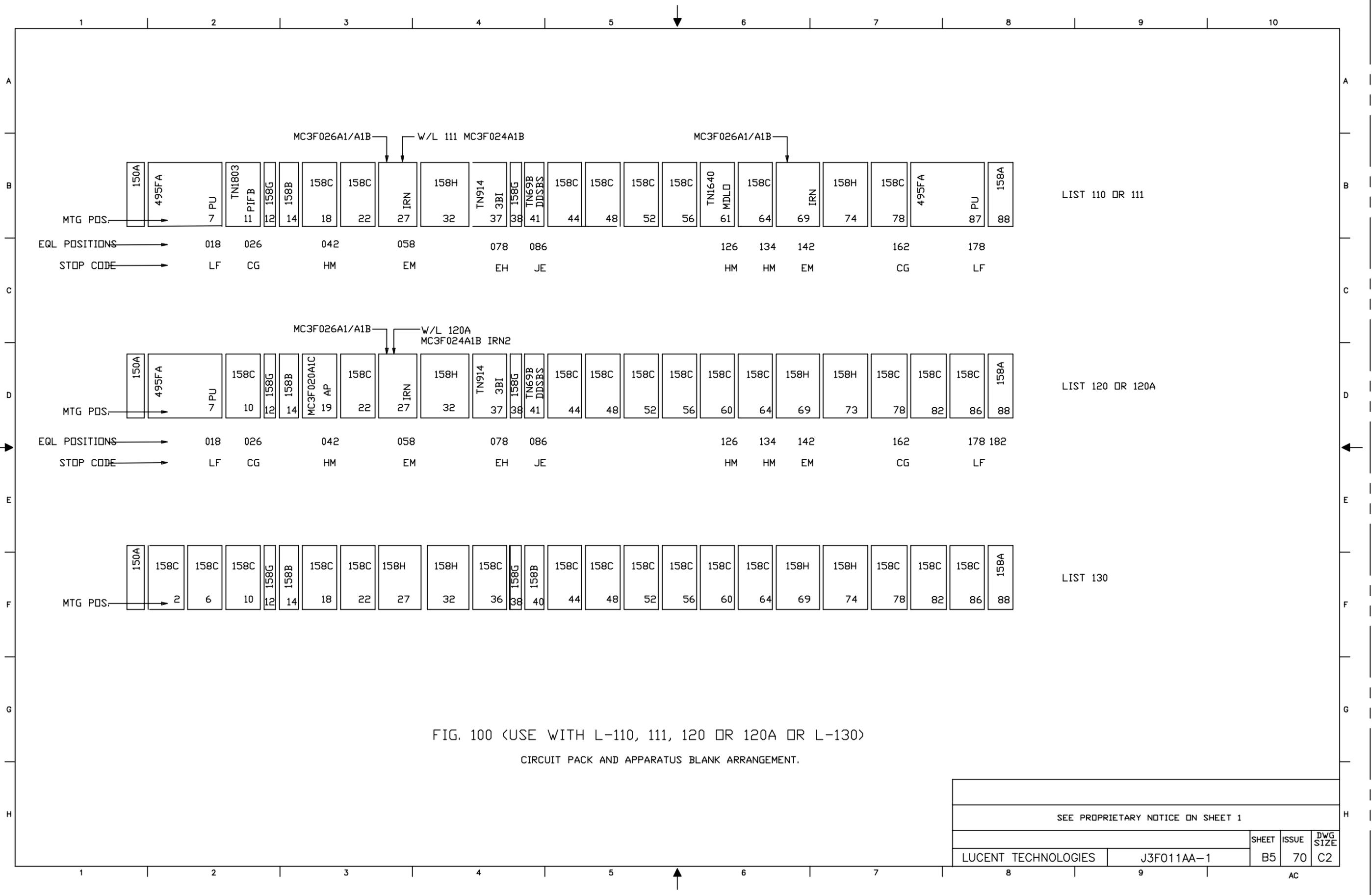


FIG. 100 (USE WITH L-110, 111, 120 OR 120A OR L-130)

CIRCUIT PACK AND APPARATUS BLANK ARRANGEMENT.

SEE PROPRIETARY NOTICE ON SHEET 1			
LUCENT TECHNOLOGIES	J3F011AA-1	SHEET B5	ISSUE 70
		DWG SIZE C2	

1 2 3 4 5 6 7 8 9 10

A  
B  
C  
D  
E  
F  
G  
H

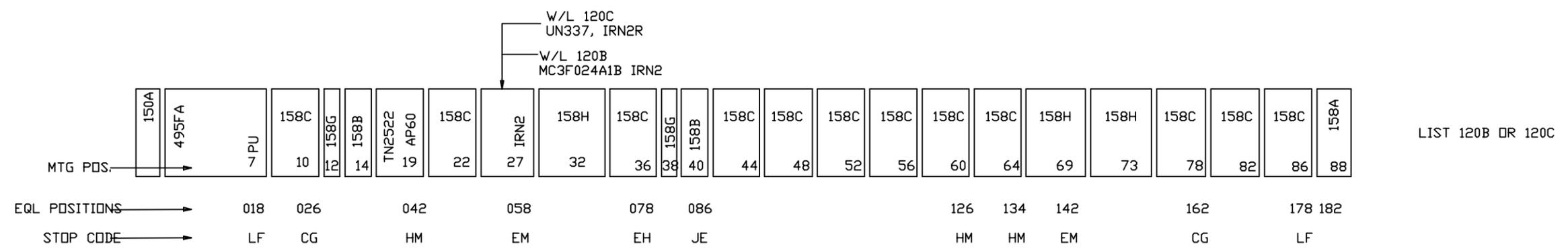


FIG. 100 (USE WITH L-120B OR 120C)  
CIRCUIT PACK AND APPARATUS BLANK ARRANGEMENT.

SEE PROPRIETARY NOTICE ON SHEET 1		
LUCENT TECHNOLOGIES	J3F011AA-1	SHEET B6
		ISSUE 70
		DWG SIZE C2

AC

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

A  
B  
C  
D  
E  
F  
G  
H

A  
B  
C  
D  
E  
F  
G  
H

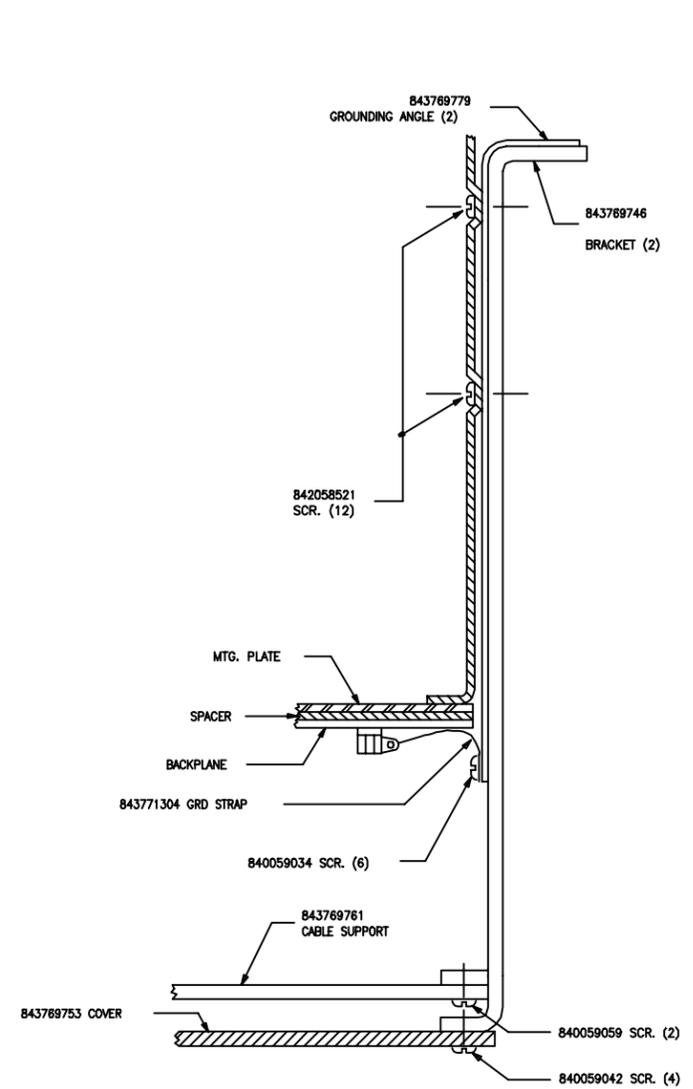
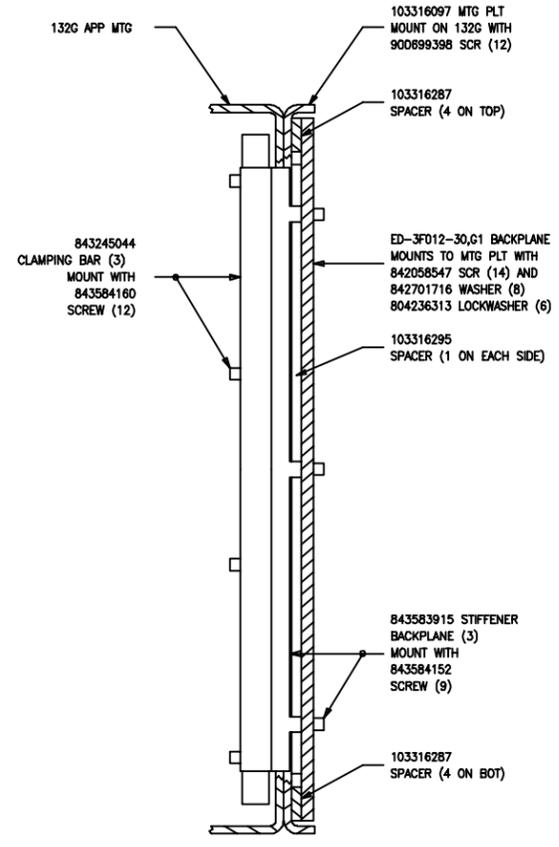
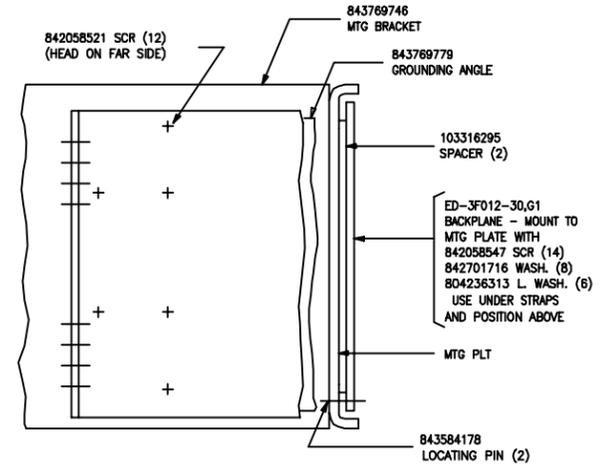


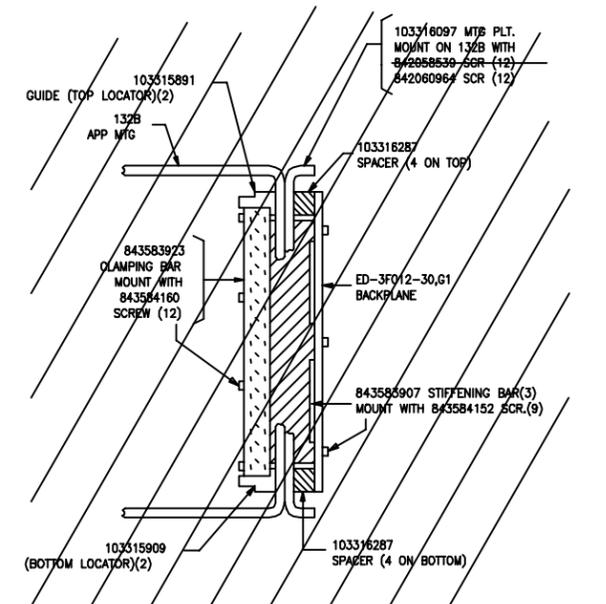
FIG. 3  
(NOT REQD WHEN L-C OR L-D IS SPECIFIED)



SECT C-C



VIEW A-A  
(NOT REQD WHEN L-C OR L-D IS SPECIFIED)



SECT B-B

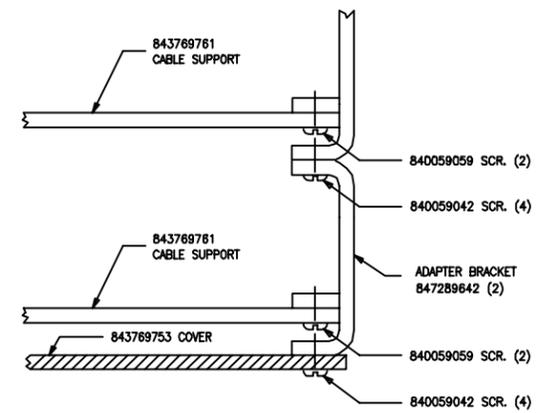


FIG. 3A  
L-AE

SEE PROPRIETARY NOTICE ON SHEET 1			
LUCENT TECHNOLOGIES	J3F011AA-1	SHEET C1	ISSUE 65
		DWG SIZE C2	

AC

1 2 3 4 5 6 7 8 9 10

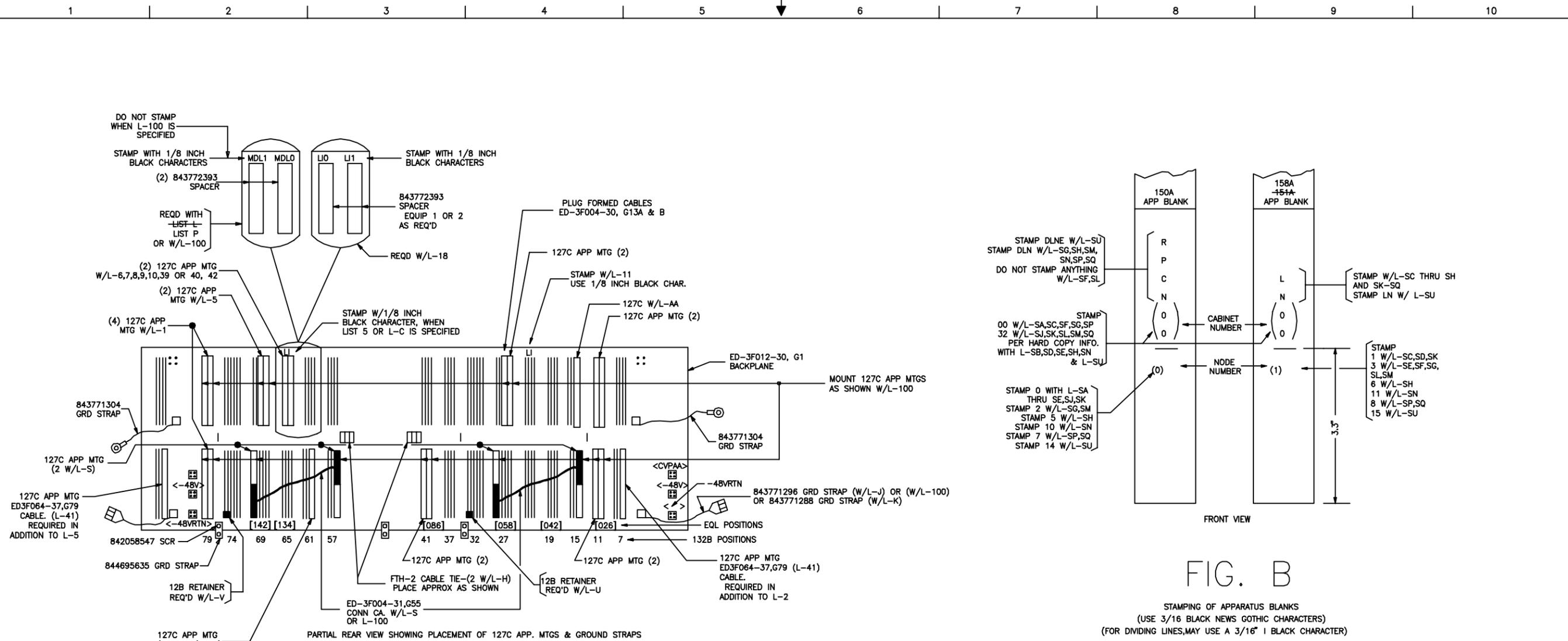


FIG. 4

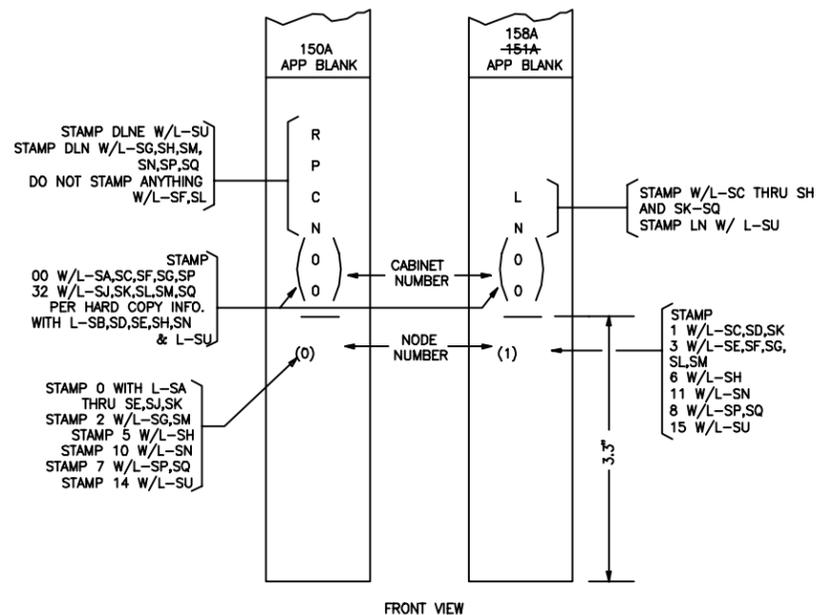


FIG. B

STAMPING OF APPARATUS BLANKS  
 (USE 3/16 BLACK NEWS GOTHIC CHARACTERS)  
 (FOR DIVIDING LINES, MAY USE A 3/16" I BLACK CHARACTER)

SEE PROPRIETARY NOTICE ON SHEET 1			
LUCENT TECHNOLOGIES	J3F011AA-1	SHEET C2	ISSUE 65
		DWG SIZE C2	

1 2 3 4 5 6 7 8 9 10

A

B

C

D

E

F

G

H

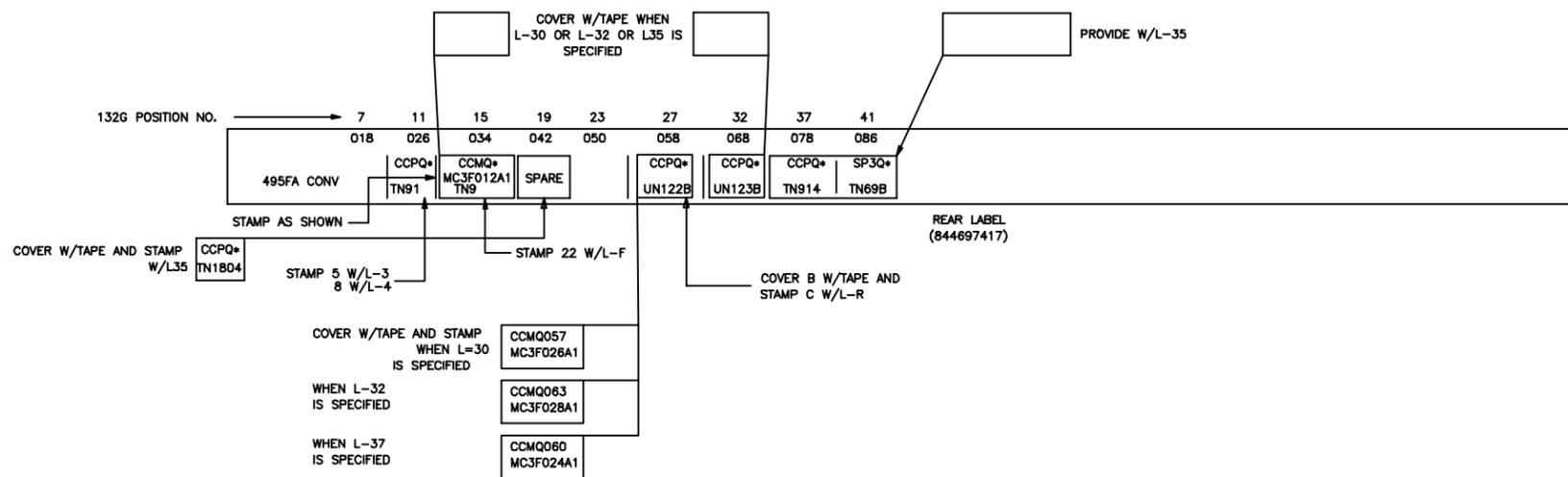
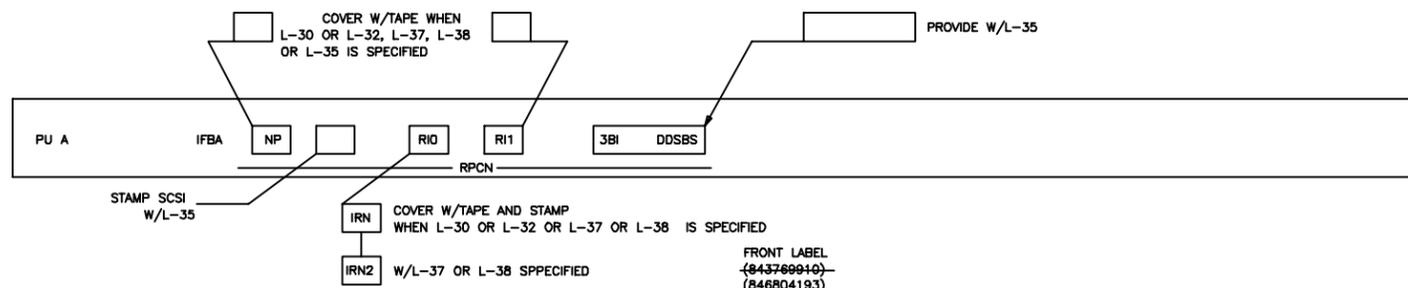
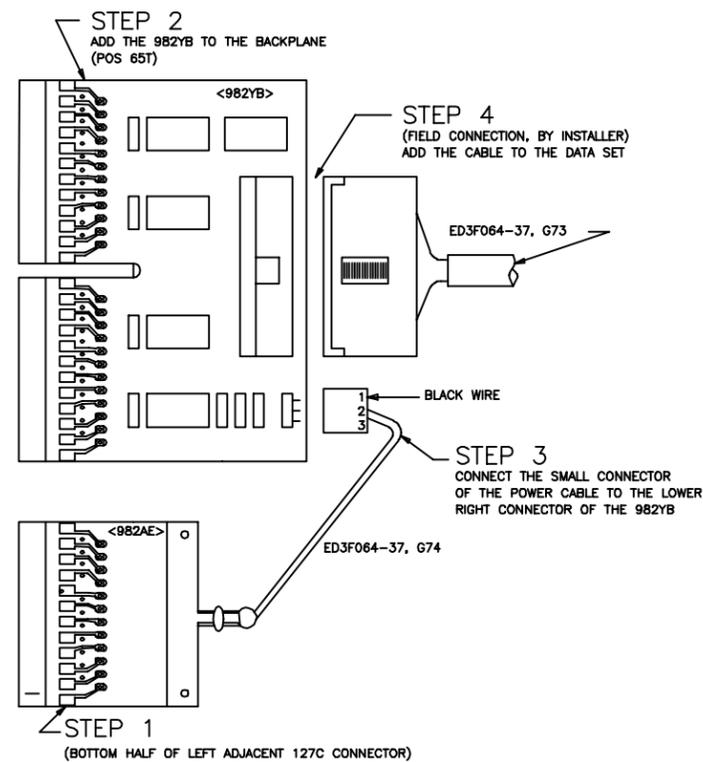


FIG. 2

(REQD W/L-2,F,G) OR (W/L1 & L35)  
(FOR SSI NODES) (ASI)  
(RPCN ONLY)

NOTES:  
ALL STAMPING MUST BE 5/64" 8 PT NEWS GOTHIS BLACK CHARACTERS  
\* = STAMP 3 MISSING DIGITS TO MATCH CKT PACK CLEI CODES



MOUNTING OF 982YB CONNECTOR AND ED3F064-37, G73 & G74 CABLES ON REAR OF UNIT (POS 65T)

FIG. 16  
(REQD W/L-42)

SEE PROPRIETARY NOTICE ON SHEET 1

LUCENT TECHNOLOGIES	J3F011AA-1	SHEET C3	ISSUE 65	DWG SIZE C2
---------------------	------------	----------	----------	-------------

AC

1

2

3

4

5

6

7

8

9

AC

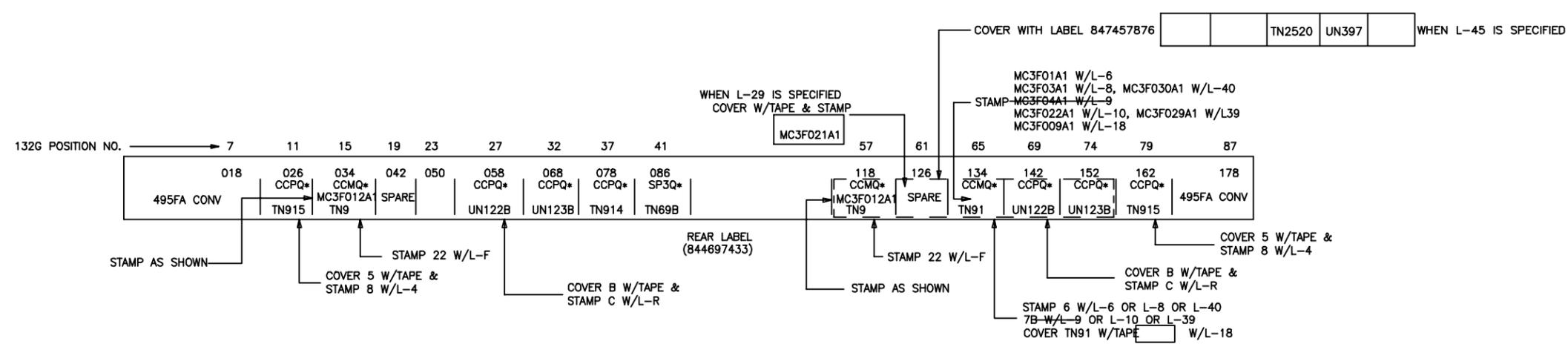
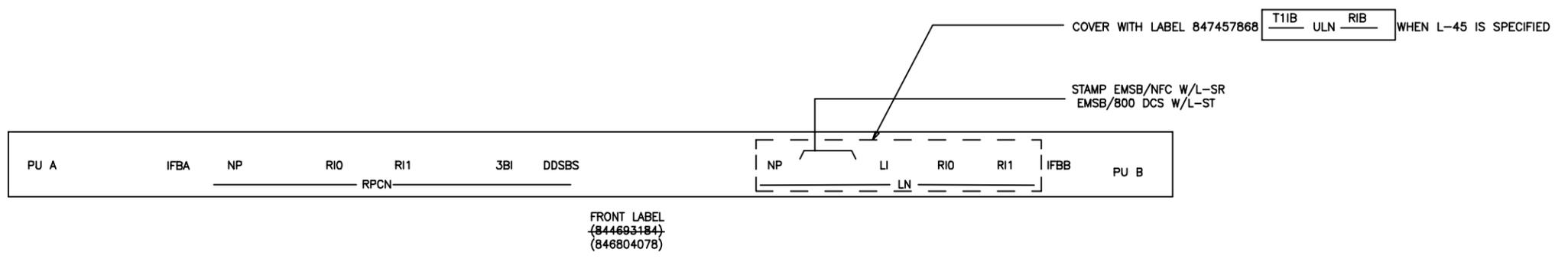


FIG. 6

NOTES:  
 ALL STAMPING MUST BE 5/64" 8-PT NEWS GOTHIC BLACK CHARACTERS  
 → STAMP 3 MISSING DIGITS TO MATCH CKT PACK CLEI CODES  
 (REQD W/L-X [OR W/L-2,5,F,G,R])  
 (W/O L-30 OR L-31)  
 (SSI NODES RCPN & LN)  
 [WHEN L-29, L-SR, L-ST ARE SPECIFIED MODIFY AS SHOWN]

SEE PROPRIETARY NOTICE ON SHEET 1		
LUCENT TECHNOLOGIES	J3F011AA-1	SHEET C4 ISSUE 65 DWG SIZE C2

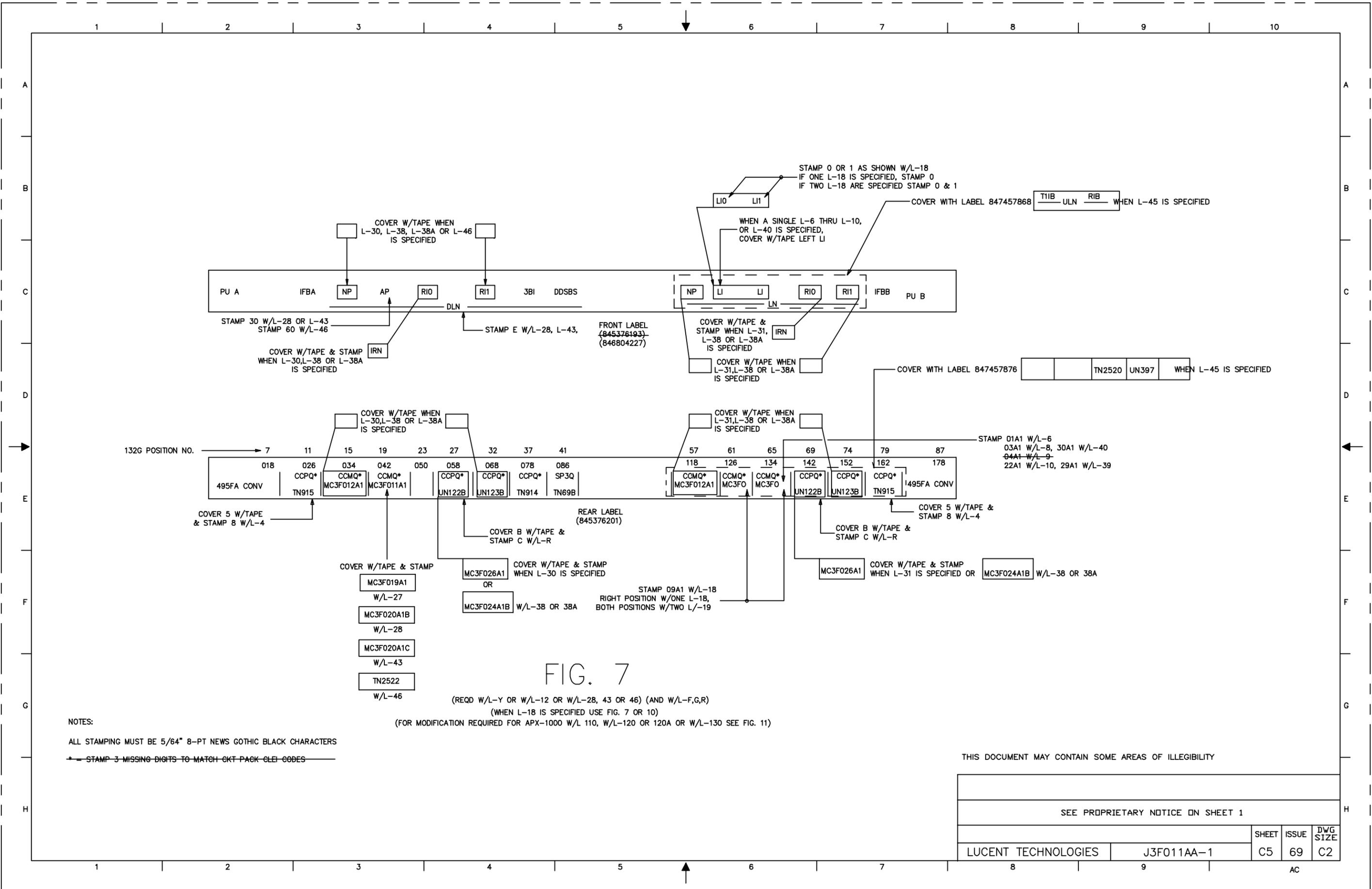


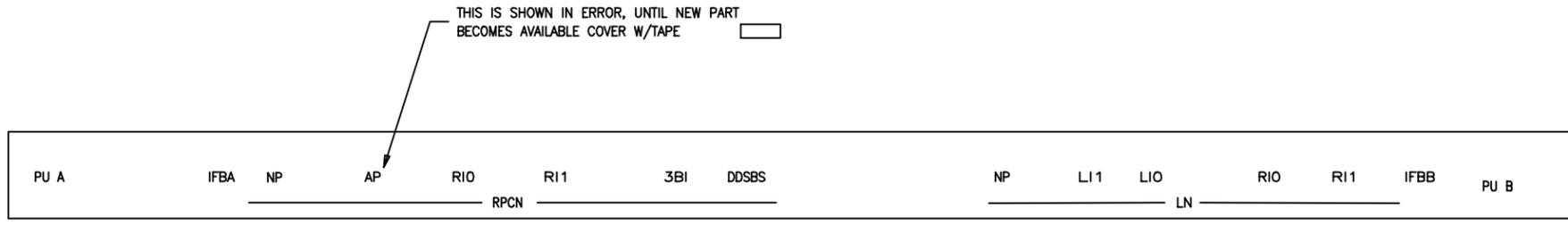
FIG. 7

(REQD W/L-Y OR W/L-12 OR W/L-28, 43 OR 46) (AND W/L-F,G,R)  
 (WHEN L-18 IS SPECIFIED USE FIG. 7 OR 10)  
 (FOR MODIFICATION REQUIRED FOR APX-1000 W/L 110, W/L-120 OR 120A OR W/L-130 SEE FIG. 11)

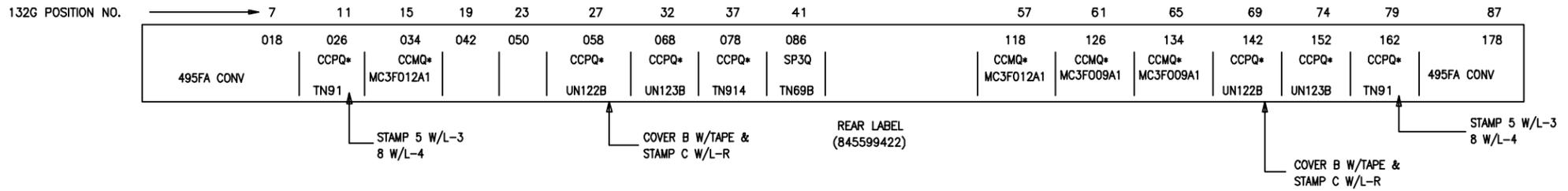
NOTES:  
 ALL STAMPING MUST BE 5/64" 8-PT NEWS GOTHIC BLACK CHARACTERS  
 \* - STAMP 3 MISSING DIGITS TO MATCH CKT PACK CLEI CODES

THIS DOCUMENT MAY CONTAIN SOME AREAS OF ILLEGIBILITY

SEE PROPRIETARY NOTICE ON SHEET 1			
LUCENT TECHNOLOGIES	J3F011AA-1	SHEET C5	ISSUE 69
		DWG SIZE C2	



FRONT LABEL  
~~(84599414)~~  
 (846804151)



NOTES:  
 ALL STAMPING MUST BE 5/64" 8-PT NEWS GOTHIC BLACK CHARACTERS  
 \* = STAMP 3 MISSING DIGITS TO MATCH CKT PACK CLEI CODES

FIG. 10  
 (REQD W/L-M WHEN L-2,5 & 18 ARE SPECIFIED TOGETHER)  
 (FOR SADC NODES)

SEE PROPRIETARY NOTICE ON SHEET 1			
LUCENT TECHNOLOGIES	J3F011AA-1	SHEET C6	ISSUE 65
		DWG SIZE C2	

AC

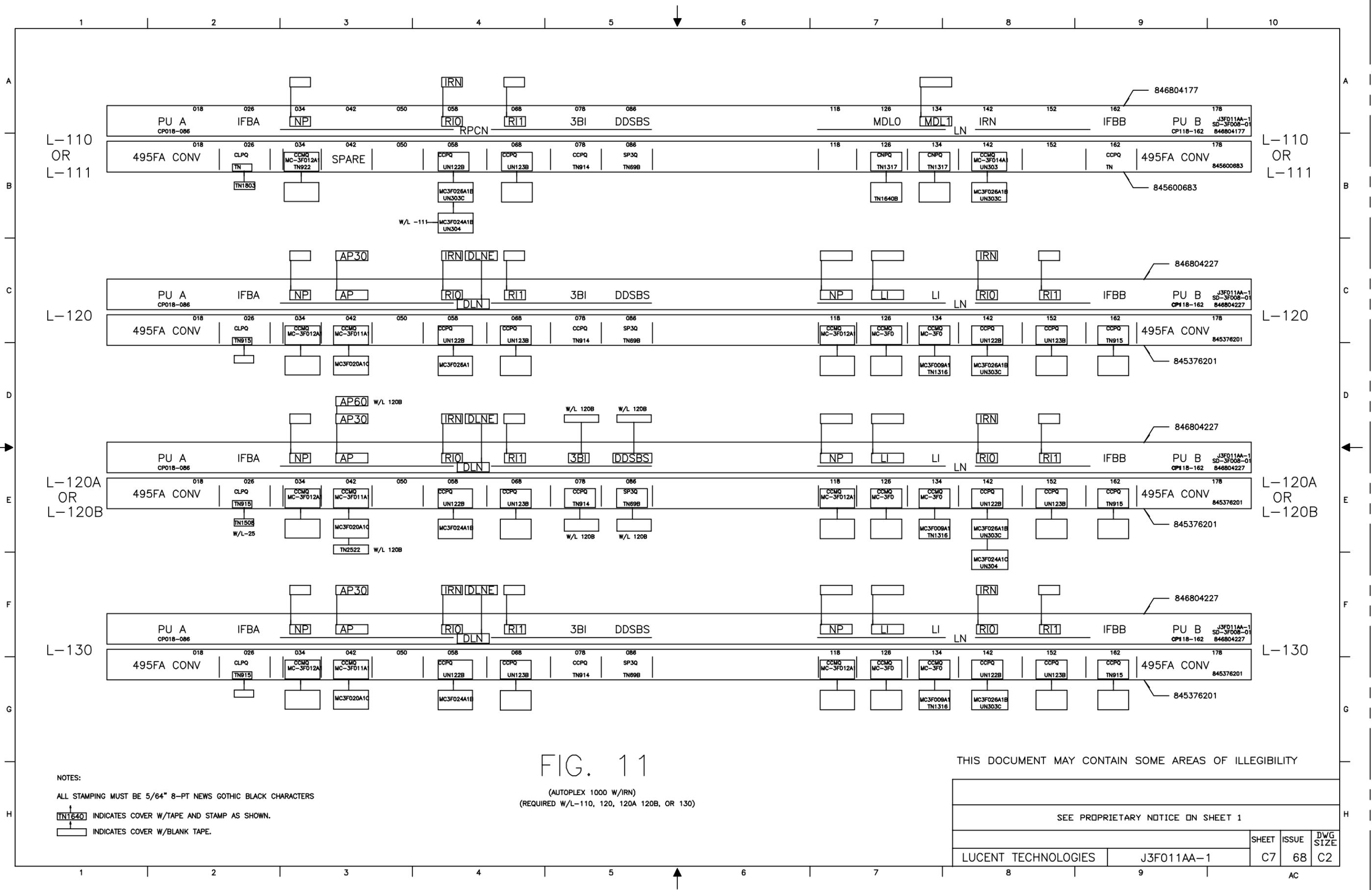


FIG. 11

(AUTOPLEX 1000 W/IRN)  
(REQUIRED W/L-110, 120, 120A 120B, OR 130)

NOTES:  
ALL STAMPING MUST BE 5/64" 8-PT NEWS GOTHIC BLACK CHARACTERS  
↑  
[TN1640] INDICATES COVER W/TAPE AND STAMP AS SHOWN.  
↑  
[ ] INDICATES COVER W/BLANK TAPE.

THIS DOCUMENT MAY CONTAIN SOME AREAS OF ILLEGIBILITY

SEE PROPRIETARY NOTICE ON SHEET 1		
LUCENT TECHNOLOGIES	J3F011AA-1	SHEET C7
		ISSUE 68
		DWG SIZE C2

AC

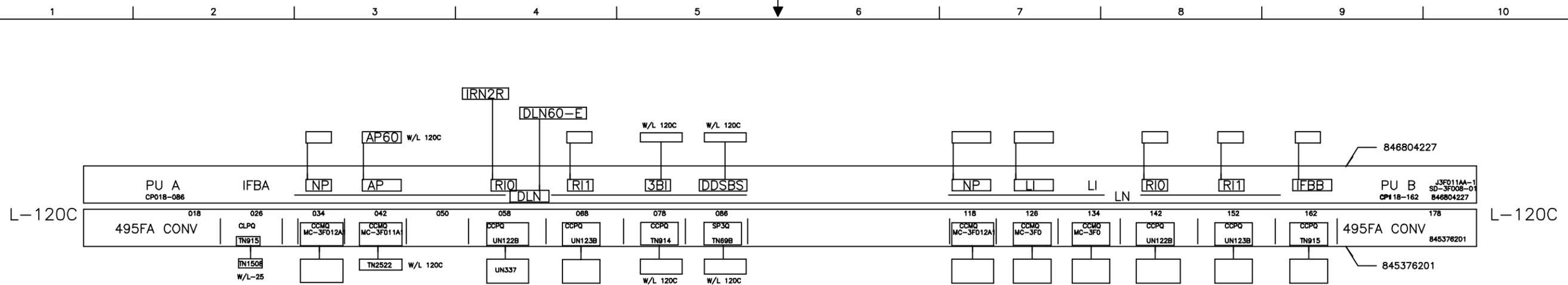


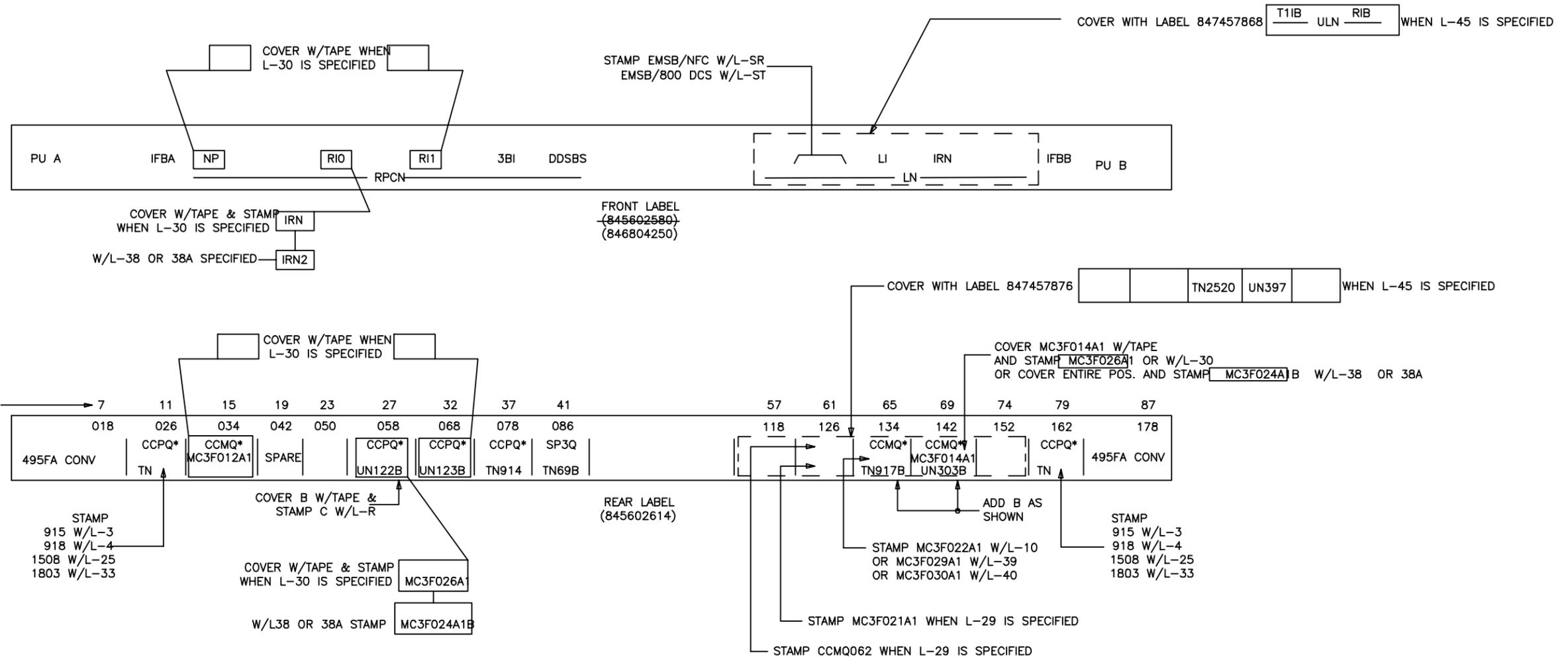
FIG. 11 (CONT)  
 (AUTOPLEX 1000 W/IRN)  
 (REQUIRED W/L-110, 120, 120A, 120B, 120C, OR 130)

NOTES:  
 ALL STAMPING MUST BE 5/64" 8-PT NEWS GOTHIC BLACK CHARACTERS  
 [TN1640] INDICATES COVER W/TAPE AND STAMP AS SHOWN.  
 [ ] INDICATES COVER W/BLANK TAPE.

THIS DOCUMENT MAY CONTAIN SOME AREAS OF ILLEGIBILITY

SEE PROPRIETARY NOTICE ON SHEET 1			
LUCENT TECHNOLOGIES	J3F011AA-1	SHEET C8	ISSUE 70
		DWG SIZE C2	

AC



NOTES:

ALL STAMPING MUST BE 5/64" 8-PT NEWS GOTHIC BLACK CHARACTERS

\* = STAMP - 3 MISSING DIGITS TO MATCH CKT PACK CLEI CODES

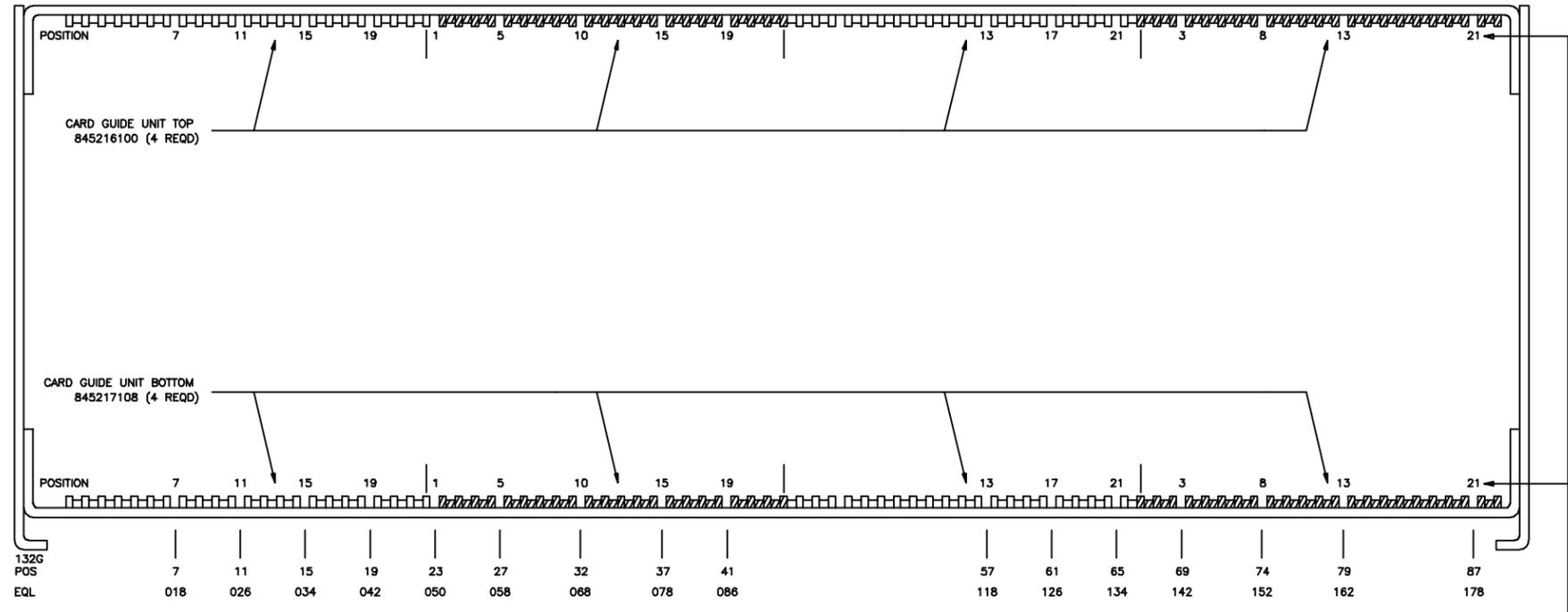
FIG. 12

(REQD W/L-N)

(USE THIS FIG. ALSO WHEN L-29 IS SPECIFIED MODIFY AS SHOWN)

SEE PROPRIETARY NOTICE ON SHEET 1			
LUCENT TECHNOLOGIES	J3F011AA-1	SHEET	ISSUE
		C9	70
			DWG SIZE
			C2

AC



CARD GUIDE PLACEMENT  
FIG. 13

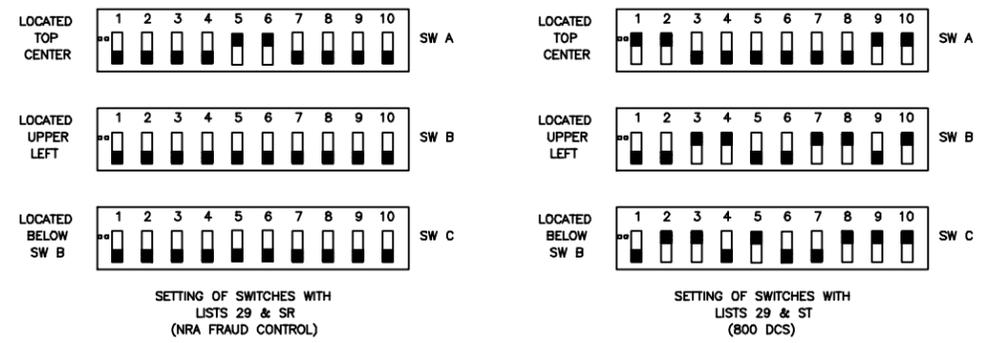
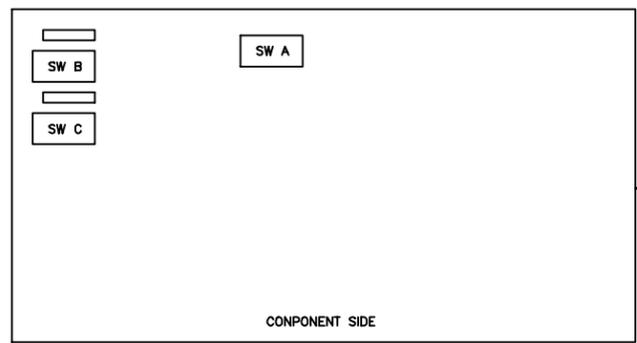


FIG. 14

SEE PROPRIETARY NOTICE ON SHEET 1			
LUCENT TECHNOLOGIES	J3F011AA-1	SHEET C10	ISSUE 70
		DWG SIZE C2	
AC			

PU A	IFBA	IRN	3BI	DDSBS
RPCN				

FRONT LABEL

846908929

132G  
POSITION NO.

	7	11	15	19	23	27	32	37	41
	018	026	034	042	050	058	068	078	086
495FA CONV	CCPQ*		SPARE		CCMQ*		CCPQ*	SP3Q*	
	TN				MC3F028A1 UN305		TN914	TN69B	

REAR LABEL

846908945

STAMP  
1803 W/L-33  
1508 W/L-25

FIG. 15

(REQUIRED W/L-Z) (DA)  
(1PSS W/IRNR)

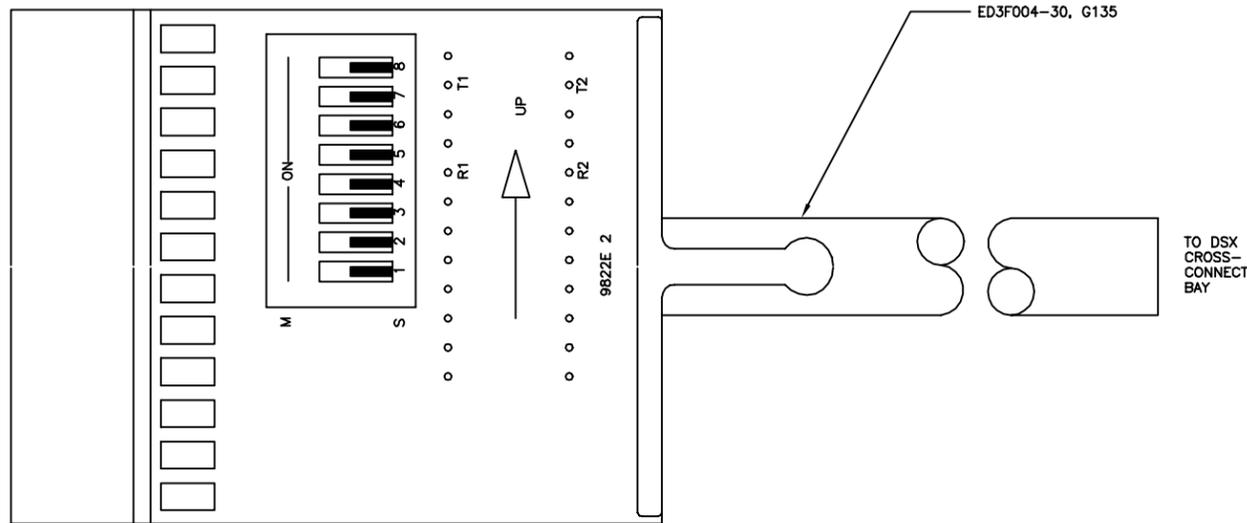
NOTES:

ALL STAMPING MUST BE 5/64" 8-PT NEWS GOTHIC BLACK CHARACTERS

\* = STAMP 3 MISSING DIGITS TO MATCH CKT PACK CLEI CODES

SEE PROPRIETARY NOTICE ON SHEET 1			
LUCENT TECHNOLOGIES	J3F011AA-1	SHEET C11	ISSUE 70
		DWG SIZE C2	

AC



NOTES: 1. THIS CABLE DESIGN IS FOR THE HIGH SPEED LINK FEATURE.  
 IF THIS CABLE IS USED WITH A NODE THAT IS A SLAVE  
 SWITCH POSITION 1 MUST BE IN THE OFF POSITION (S)  
 IF IT IS USED AS A MASTER, SWITCH POSITION 1 MUST BE IN  
 THE ON POSITION (M). SWITCH SETTINGS VARY WITH CABLE LENGTH.

2. FOR MANUAL TESTING ONLY, SWITCH POSITION 8 MAY BE PLACED IN THE (ON)  
 POSITION TO CONNECT LEADS (T1) AND (T2), AND SWITCH POSITION (4) MAY  
 BE PLACED IN THE (ON) POSITION TO CONNECT LEADS (R1) AND (R2).

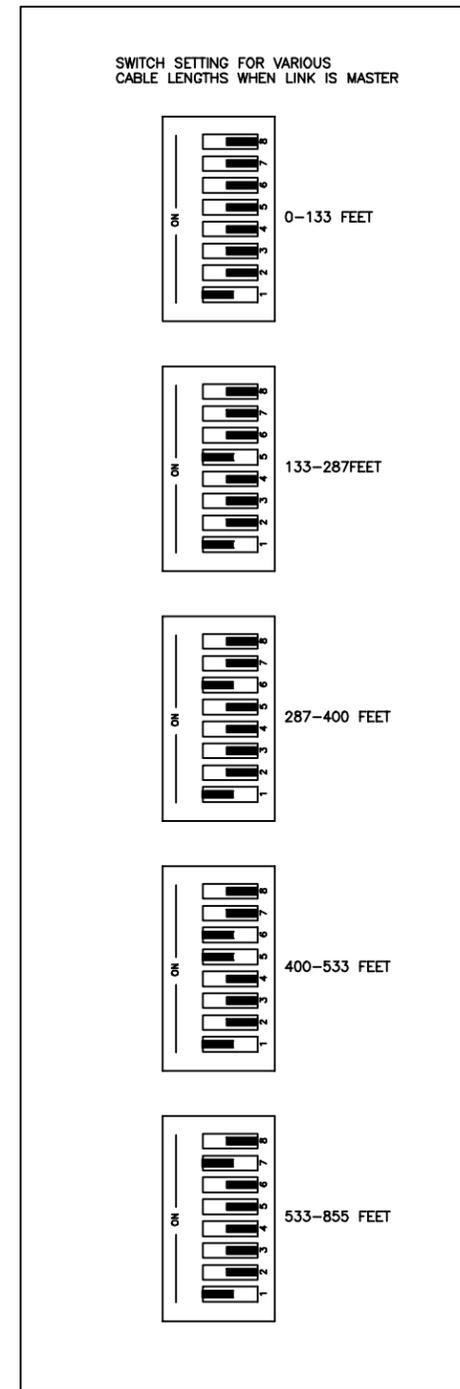
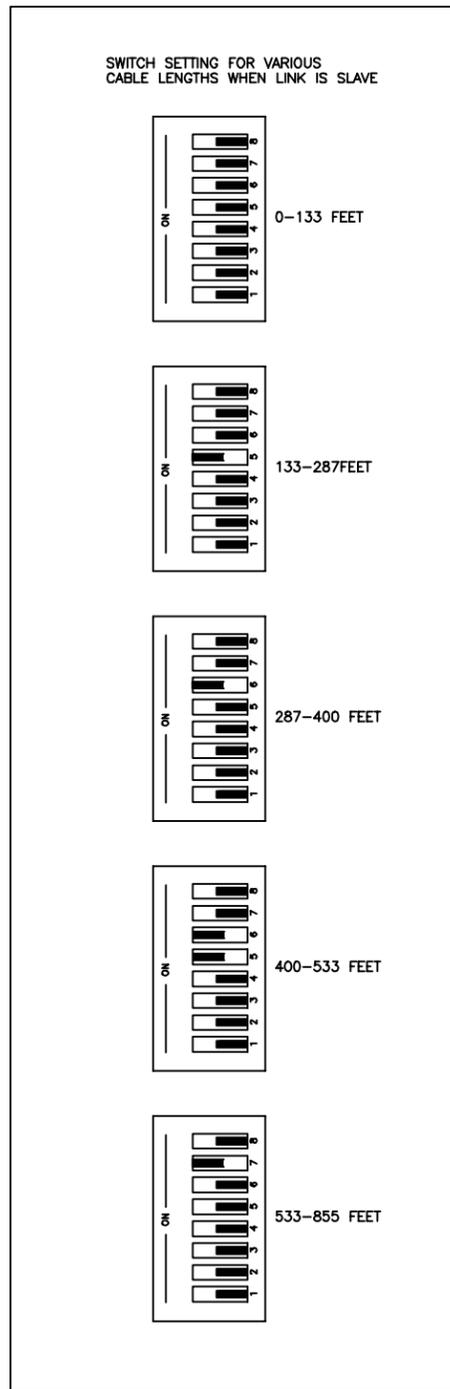


FIG. 8  
 (FOR FIELD APPLICATION ONLY)  
 SWITCH SETTINGS FOR CONNECTORIZED CABLE  
 ED3F004-30, G135 HIGH SPEED LINK (ULN).

SEE PROPRIETARY NOTICE ON SHEET 1			
LUCENT TECHNOLOGIES	J3F011AA-1	SHEET C12	ISSUE 70
		DWG SIZE C2	AC

3BI	3BI	DDSBS	DDSBS	TN69B	TN69B	TN69B	TN69B
AP30	AP30	AP30'	AP30'	TN914	TN914	TN914	TN914
AP60	AP60	AP60	AP60	MC3F009A1 TN1316	MC3F009A1 TN1316	MC3F009A1 TN1316	MC3F009A1 TN1316
CDN3-E	CDN3-E	CDN3-E	CDN3-E	MC3F009A1 TN1316	MC3F009A1 TN1316	MC3F009A1 TN1316	MC3F009A1 TN1316
CDN3	CDN3	CDN3	CDN3				
DLN60-E	DLN60-E	DLN60-E	DLN60-E	TN1508B	TN1508B	TN1508B	TN1508B
DLN60	DLN60	DLN60	DLN60	TN1508	TN1508	TN1508	TN1508
ELI-E	ELI-E	ELI-E	ELI-E	MC3F020A1C TN1630B	MC3F020A1C TN1630B	MC3F020A1C TN1630B	MC3F020A1C TN1630B
ELI	ELI	EIN	EIN	TN1640B	TN1640B	TN1640B	TN1640B
IFBA	IFBA	IFBA	IFBA	TN1640B	TN1640B	TN1640B	TN1640B
IFBB	IFBB	IFBB	IFBB	TN1803B	TN1803B	TN1803B	TN1803B
IRN	IRN	IRN	IRN	TN1803	TN1803	TN1803	TN1803
IRN2	IRN2	IRN2	IRN2	TN2522	TN2522	TN2522	TN2522
IRN2R	IRN2R	IRN2R	IRN2R	TN2523	TN2523	TN2523	TN2523
LI	LI	LN	LN	TN4016	TN4016	TN4016	TN4016
MDLO	MDLO	MDLO	MDLO	MC3F026A1B UN303C	MC3F026A1B UN303C	MC3F026A1B UN303C	MC3F026A1B UN303C
MDLO	MDLO	MDLO	MDLO	MC3F026A1B UN303C	MC3F026A1B UN303C	MC3F026A1B UN303C	MC3F026A1B UN303C
MDL1	MDL1	MDL1	MDL1	MC3F024A1C UN304B	MC3F024A1C UN304B	MC3F024A1C UN304B	MC3F024A1C UN304B
MDL1	MDL1	MDL1	MDL1	MC3F024A1B UN304B	MC3F024A1B UN304B	MC3F024A1B UN304B	MC3F024A1B UN304B
RPCN	RPCN	RPCN	RPCN	UN337	UN337	UN337	UN337

848751079

FIG. 102  
(LIST AF)

SEE PROPRIETARY NOTICE ON SHEET 1			
LUCENT TECHNOLOGIES	J3F011AA-1	SHEET C13	ISSUE 70
		DWG SIZE C2	

AC

S  
H  
O  
P

MANUFACTURING NOTES

\*\*\*\*\* CONTINUED \*\*\*\*\*

X

PLACE LABELS IN SMALL CONTAINER AND ATTACH TO PACK TO REDUCE THE POSSIBILITY OF THE LABELS BEING MISPLACED AT THE JOB SITE.  
13. LIST 30 CANNOT BE ORDERED WITH LIST 31 & 38. LIST 31 CAN NOT BE ORDERED WITH LIST 30 & 38. LIST 30, 31 & 38 CAN NOT BE ORDERED ON THE SAME ORDER.

14. ORDERS FOR LIST 46 SHOULD ALSO CONTAIN 2 SHOP MANUFACTURED LABELS AS FOLLOWS:

FRONT DESIGNATION LABEL DIMENSIONS ARE .5" X .25"

STAMP IN ALL BLACK CHARACTORS ---> | AP60 |

REAR LABEL DIMENSIONS ARE 1.0" X 0.4"

STAMP REAR LABEL ---> | TN2522 |  
IN ALL BLACK CHARACTORS

PLACE LABELS IN SMALL CONTAINER AND ATTACH TO PACK TO REDUCE THE POSSIBILITY OF THE LABELS BEING MISPLACED AT THE JOB SITE.

S  
H  
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P

MANUFACTURING NOTES

1. X PARTS REQUIRED FOR INSTALLATION.

X/ PARTS REQUIRED FOR MANUFACTURE WHEN EQUIPMENT IS SHOP MOUNTED OR BY THE INSTALLER WHEN THE EQUIPMENT IS TO BE FIELD MOUNTED.

\* PARTS THAT ARE TO BE SHIPPED ATTACHED TO OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED ASSEMBLED ITEM.

\*/ PARTS (A) REQUIRED FOR MANUFACTURE WHEN EQUIPMENT INVOLVED IS SHOP MOUNTED OR (B) TO BE SHIPPED ATTACHED TO, OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED ASSEMBLED ITEM WHEN FIELD MOUNTED.

( ) INDICATES DESIGNATIONS TO BE STAMPED IN ACCORDANCE WITH JOB INFORMATION.

{ } INDICATES DESIGNATIONS SHOWN FOR INFORMATION ONLY AND ARE NOT TO BE STAMPED.

< > INDICATES DESIGNATIONS AND/OR INFORMATION PROVIDED IN ACCORDANCE WITH OTHER INFORMATION.

"W" PARTS ASSEMBLED AT THE SAME TIME THE EQUIPMENT IS MOUNTED.

"W\*" PARTS TO BE (A) SHOP ASSEMBLED, BUT WHICH CANNOT BE ASSEMBLED UNTIL THE ASSOCIATED EQUIPMENT IS BEING MOUNTED, OR (B) SHIPPED ATTACHED TO, OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED EQUIPMENT WHEN FIELD MOUNTED.

"S" PARTS NOT ASSEMBLED, SHIPPED SEPARATELY.

A/R AS REQUIRED.

"B" PARTIAL ASSEMBLIES ON OTHER DRAWINGS WITH STOCKLISTS.

2. SEE TABLE D AND DWG A-80KC4012 (2A1-2B1 INDEX STOPS) FOR PLACEMENT OF TUBULAR KEYS INTO KEYHOLDERS.

3. WHEN L-11 IS SPECIFIED, STRAP PIN 123 TO PIN 224 ON EQL 050 (L10) USING A 26DP GA. GREEN WIRE.

4. INFORMATION ENCLOSED IN \$ IS CONSIDERED LINED OUT.

5. RESERVED

6. \$ - INFORMATION CONTAINED WITHIN "\$" IS CONSIDERED LINED OUT.

7. WHEN L29 IS SPECIFIED WITH L-SR OR L-ST, THE SWITCHES ON CKT PACK MC3F021A1 MUST BE SET AS SHOWN ON FIG. 14.

8. WHEN LIST 41 IS SPECIFIED WITH L-2, THE WIRE BETWEEN PINS 113 & 104 OF EQL 018 MUST BE REMOVED. WHEN LIST 41 IS SPECIFIED WITH L-5, THE WIRE BETWEEN PINS 113 & 004 OF EQL 078 MUST BE REMOVED.

9. WHEN A CIRCUIT PACK MUST BE INSERTED IN A POSITION OCCUPIED BY AN APPARATUS BLANK, THE BLANK WILL BE REMOVED AND DISCARDED. STOCKLIST WILL NOT SHOW OMISSION OF APPARATUS BLANK. ALL THE APPARATUS BLANKS EXCEPT THE EXTREME LEFT (150A) AND THE EXTREME RIGHT (158A) WILL BE MOUNTED AFTER TEST.

10. IF FOR ANY REASON BEYOND CONTROL, CLEI CODE NUMBERS APPEAR IN STOCKLIST DESCRIPTION COLUMN, SHOP MUST DISREGARD THEM AND NOT STAMP THEM ON THE DESIGNATION STRIP LABELS.

11. USE 901271031 SCR TO MOUNT UNIT ON J3F011C-2 PHASE 2 GLOBAL CABINET WHEN J3F011C-2, L-F IS SPECIFIED.

12. ORDERS FOR LIST 38A SHOULD ALSO CONTAIN 2 SHOP MANUFACTURED LABELS AS FOLLOWS:

FRONT DESIGNATION LABEL DIMENSIONS ARE .5" X .25"

STAMP IN ALL BLACK CHARACTORS ---> | IRN2 |

REAR LABEL DIMENSIONS ARE 1.0" X 0.4"

STAMP REAR LABEL ---> | MC3F024A1C |  
IN ALL BLACK UN304  
CHARACTORS

----- CONTINUED TO THE LEFT -----

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RW99

SIGNALING AND PACKET  
SWITCHING SYSTEMS  
SPECIFICATION FOR  
3B INTERFACE UNIT  
MOUNTED ON RING NODE FRAME

DWG SIZE C2 ISSUE 70

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
1010	1	1	103316097	1080A	PLATE, MOUNTING E/W SK A				
1020	1	1	103318408	132B	MOUNTING, APPARATUS				
1021	1	1	104192968	132G	MOUNTING, APPARATUS				
1030	1	2	843769746		BRACKET, MOUNTING				
1040	1	2	843769779		ANGLE, GROUNDING				
1050	2,11,AA	1	103803649	495FA	UNIT, POWER FE CLEI PWPQAPVA FE CLEI=PWPQAC3A CLEI = PWPQASEA POS 7				
1060	2	1	104216437	MC3F006A-1	PACK, CIRCUIT, MICROCODED CLEI = CCMQ029A POS 15 TN913				
1070	2	1	103929527	UN122	PACK, CIRCUIT CLEI = CCPQ018AXX POS 27				
1080	2	1	103929535	UN123	PACK, CIRCUIT CLEI = CCPQ019AXX POS 32				
1090	2	1	104259783	TN914	PACK, CIRCUIT CLEI = CCPQ026AXX POS 37				
1100	2	1	103753265	TN69B	PACK, CIRCUIT POS 41				
1110	3	1	104234455	TN915	PACK, CIRCUIT CLEI = CCPQ024A POS 11, 79				
1120	4	1	103931028	TN918	PACK, CIRCUIT POS 11, 79				
1130	1	12	103342119	127C	MOUNTING, APPARATUS POS 11T, 11B, 27T, 41B 79B, 79T (2 EA)				
1140	1	1	103752721	150A	BLANK, APPARATUS				
1150	1	2	103755104	151P	BLANK, APPARATUS POS 12, 38				
1151	1	2	104042163	158G	BLANK, APPARATUS POS 12, 38				
1160	1	6	103752796	151G	BLANK, APPARATUS POS 22, 48, 56, 64, 72, 80				
1161	1	12	104042122	158C	BLANK, APPARATUS POS 18, 22, 44, 48, 52, 56, 60, 64, 68, 72, 76, 80				
1162	2	OMIT 2	104042122	158C	BLANK, APPARATUS POS 18, 22				
1163	2	2	104042122	158C	BLANK, APPARATUS POS 18, 22				
1170	1	1	103276416	151A	STRIP, DESIGNATION E/W				
1180	1	1	843769910		LABEL FRONT				
1181	1	1	846804193		LABEL, DESIGNATION PLASTIC, WHITE FRONT				
1190	1	1	844697417		LABEL REAR				
1191	1	1	103752721	150A	BLANK, APPARATUS POS. LEFT END				
1192	1	1	104042106	158A	BLANK, APPARATUS POS. RIGHT END				
1193	1	3	104042114	158B	BLANK, APPARATUS POS. 14, 40, 56				9

\*\*\*\*\* STOCKLIST CONTINUED AT RIGHT \*\*\*\*\*

J3F011AA-1

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
1194	1	13	104042122	158C	BLANK, APPARATUS POS. 2, 6, 10, 18, 22, 36, 44, 48, 60, 64, 78, 82, 86				9
1195	1	2	104042163	158G	BLANK, APPARATUS POS. 12, 38				9
1196	1	5	104167531	158H	BLANK, APPARATUS POS. 27, 32, 53, 69, 74				9
1200	1	2	843771304		STRAP, GROUND				
1210	1	9	103276358	18A	GUIDE POS (BOT) 7, 11, 15, 19, 23, 27, 32, 37, 41				
1211	1	2	845217108		GUIDE, BOTTOM CARD POS (BOT) 7, 11, 15, 19, 23, 27, 32, 37, 41				
1220	1	9	103276366	19A	GUIDE POS (TOP) 7, 11, 15, 19, 23, 27, 32, 37, 41				
1221	1	2	845216100		GUIDE, TOP CARD POS (TOP) 7, 11, 15, 19, 23, 27, 32, 37, 41				
1230	1	1	ED3F012-30,G1		BOARD, MLPWB (BACKPLANE) (BACKPLANE)				
1240	1	8	103316287	8A	SPACER (TOP & BOTTOM)				
1250	1	2	103316295	9A	SPACER (SIDE)				
1260	1	3	843583907		STIFFENER, BACKPLANE BAR				
1261	1	3	843583915		STIFFENER				
1270	1	3	843583923		BAR, CLAMPING				
1271	1	3	843245044		BAR, CLAMPING				
1280	1	2	103315891	28A	GUIDE (LOCATOR, TOP)				
1290	1	2	103315909	29A	GUIDE (LOCATOR, BOTTOM)				
1300	1	2	843584178		PIN, LOCATING BROWN				
1310	1	15	842397796		HOLDER, KEY POS 7, 11, 15, 19, 27, 32, 37, 41, 57, 61, 65, 69, 74, 79, 87				
1320	1	75	843436171		KEY, TUBULAR				2
1330	1	1	103752754	151C	BLANK, APPARATUS POS 10				
1331	1	1	104042122	158C	BLANK, APPARATUS POS 10				
1340	3, 4, 21, 24, 25	OMIT 1	103752754	151C	BLANK, APPARATUS POS 10				

STOCKLIST CONTINUED ON SHEET D3

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RW99

SIGNALING AND PACKET  
SWITCHING SYSTEMS  
SPECIFICATION FOR  
3B INTERFACE UNIT  
MOUNTED ON RING NODE FRAME

DWG SIZE  
C2

ISSUE  
70

LUCENT TECHNOLOGIES INC J3F011AA-1

SHEET D2  
OF 38

PRINTED IN U.S.A.

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1341	3,4,21,24,25,33	OMIT 1	104042122	158C	BLANK, APPARATUS			
					POS 10			
1350	2	1	ED3F004-30,G13A		CABLE, CONNECTORIZED		W*	
1360	2	1	ED3F004-30,G13B		CABLE, CONNECTORIZED		W*	
1370	1	1	843769761		SUPPORT, CABLE			
1380	1	1	843769753		COVER		W*	
1390	1	1	103661484	171A	COVER, AIR CLOSURE (FRONT)		W*	
1400	1	14	842058547		SCREW, SLOT HEXAGON WASHER HEAD .112-40 X 7/16 IN. TYPE TT			
1410	1	8	842701716		WASHER, BACKPLANE			
1411	1	6	804236313	P-423631	WASHER, EXTERNAL TOOTH LOCK .112 STEEL 289A FINISH			
1420	1	12	842058521		SCREW, HEXAGON WASHER HEAD .164-32 X 5/16			
1430	1	12	842058539		SCREW, SLOT HEXAGON WASHER HEAD .112-40 X 1/4 IN.			
1431	1	12	900699398		SCREW, SLOTTED HEX WASHER HEAD .112-40 X 1/4 TAPPING TAPTITE			
1440	1	12	843584160		SCREW, SOCKET HEAD CAP .112-40 X 1/2 THREAD ROLLING TYPE W TAPTITE ZINC PLATED			
1450	1	9	843584152		SCREW, SOCKET HEAD CAP .112-40 X 1/4			
1460	1	6	840059034		SCREW, PAN HEAD MACHINE .164-32 X 3/16 STEEL 289A FINISH			
1470	1	2	840059059		SCREW, PAN HEAD MACHINE .164-32 X 5/16 STEEL 289A FINISH			
1480	1	4	840059042		SCREW, PAN HEAD MACHINE .164-32 X 1/4 STEEL 289A FINISH			
1500	1	1	103752770	151E	BLANK, APPARATUS			
					POS 86			
1501	1	1	104042122	158C	BLANK, APPARATUS			
					POS 84			
1502	1	1	104042106	158A	BLANK, APPARATUS			
					POS 86			
1510	1	1	103752739	151A	BLANK, APPARATUS			
					POS 88			
1511	1	1	104042106	158A	BLANK, APPARATUS			
					POS 88			
1520	J	2	843771296		STRAP, GROUND			
1530	K	2	843771288		STRAP, GROUND			
1540	1	8	840026835		SCREW, TTF SLOTTED HEX, WASHER HD .216-24 X 5/8 TAPPING TYPE (SWAGE FORM) STEEL ZINC PLATE 289A FINISH		*/	
1550	1	14	842060840		SCREW, BUTTON HEAD MACHINE .112-40 X 7/16			
1560	1	12	842060964		SCREW TORX .112-40 X 1/4			
1570	5	1	103803649	495FA	UNIT, POWER FE CLEI PWPQAPVA FE CLEI=PWPQAC3A CLEI = PWPQASEA			POS 87
1580	5	1	104216437	MC3F006A-1	PACK, CIRCUIT, MICROCODED CLEI = CCMQ029A			POS 57 TN913
1590	5	1	103929527	UN122	PACK, CIRCUIT CLEI = CCPQ018AXX			POS 69

\*\*\*\*\* STOCKLIST CONTINUED AT RIGHT \*\*\*\*\*

J3F011AA-1

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1600	5	1	103929535	UN123	PACK, CIRCUIT CLEI = CCPQ019AXX			
					POS 74			
1610	6	1	104152178	MC3F001A-1	PACK, CIRCUIT, MICROCODED CLEI = CCMQ026A			POS 65 TN916
1620	7	1	103882593	MC3F002A-1	PACK, CIRCUIT, MICROCODED CLEI = CCMQ002A			POS 65 TN916
1630	8	1	103882056	MC3F003A-1	PACK, CIRCUIT, MICROCODED			POS 65 TN916
1640	9	1	104216452	MC3F004A-1	PACK, CIRCUIT, MICROCODED CLEI = CCMQ028A			POS 65 TN917
1650	10	1	105736755	MC3F022A-1	PACK, CIRCUIT, MICROCODED			POS 65, 23 {TN917B}
1660	1	3	844695635		STRAP, GROUND			
1670	X	1	844693184		LABEL FRONT			POS 5
1671	X	1	846804078		LABEL, DESIGNATION PLASTIC, WHITE FRONT			
1680	X	OMIT 1	843769910		LABEL FRONT			
1681	X	OMIT 1	846804193		LABEL, DESIGNATION PLASTIC, WHITE FRONT			
1690	X	1	844697433		LABEL			
1700	X	OMIT 1	844697417		LABEL REAR			
1710	11	1	104197504	UN122B	PACK, CIRCUIT CLEI = CCPQ027AXX			POS 27
1711	11	1	104409800	UN122C	PACK, CIRCUIT CLEI = CCPQ035AXX			POS 27
1720	11	1	104197512	UN123B	PACK, CIRCUIT CLEI = CCPQ028AXX			POS 32
1730	11	1	105008064	MC3F012A-1	PACK, CIRCUIT, MICROCODED CLEI = CCMQ034A			POS 15 TN922
1740	5	OMIT 1	103752796	151G	BLANK, APPARATUS			POS 56
1741	5	OMIT 2	104042122	158C	BLANK, APPARATUS			POS 52, 56
1750	5	1	103752762	151D	BLANK, APPARATUS			POS 53
1751	5	1	104167531	158H	BLANK, APPARATUS			POS 53

STOCKLIST CONTINUED ON SHEET D4

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RW99

SIGNALING AND PACKET  
 SWITCHING SYSTEMS  
 SPECIFICATION FOR  
 3B INTERFACE UNIT  
 MOUNTED ON RING NODE FRAME

DWG SIZE C2 ISSUE 70

LUCENT TECHNOLOGIES INC J3F011AA-1

SHEET D3 OF 38

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
1760	6,7,8,9,10	OMIT 1	103752796	151G	BLANK, APPARATUS				
					POS 64				
1761	6,7,8,9,10,39,40	OMIT 1	104042122	158C	BLANK, APPARATUS				
					POS 64				
1770	6,7,8,9,10	1	103752754	151C	BLANK, APPARATUS				
					POS 60				
1771	6,7,8,9,10,39,40	1	104042122	158C	BLANK, APPARATUS				
					POS 60				
1780	5	OMIT 2	103752796	151G	BLANK, APPARATUS				
					POS 72,80				
1781	5	OMIT 4	104042122	158C	BLANK, APPARATUS				
					POS 68,72,76,80				
1790	5	OMIT 1	103752770	151E	BLANK, APPARATUS				
					POS 86				
1791	5	OMIT 1	104042122	158C	BLANK, APPARATUS				
					POS 84				
1792	5	OMIT 1	104042106	158A	BLANK, APPARATUS				
					POS 86				
1800	5	1	103752754	151C	BLANK, APPARATUS				
					POS 78				
1801	5	1	104042122	158C	BLANK, APPARATUS				
					POS 78				
1810	1	6	842397796		HOLDER, KEY				
					POS 57,65,69,74,79,87				
1820	1	30	843436171		KEY, TUBULAR				
1830	A	OMIT 1	103752754	151C	BLANK, APPARATUS				
					POS 78				
1831	A	OMIT 1	104042122	158C	BLANK, APPARATUS				
					POS 78				
1840	E	1	104293535	MC3F007A-1	PACK, CIRCUIT, MICROCODED CLEI = CCMQ033A				
					POS 15,57 TN922				
1850	E	OMIT 1	104216437	MC3F006A-1	PACK, CIRCUIT, MICROCODED CLEI = CCMQ029A				
					POS 15,57 TN913				
1860	5	2	103342119	127C	MOUNTING, APPARATUS				
					POS 69T (2 EA)				
1880	6,7,8,9,10,39,40	2	103342119	127C	MOUNTING, APPARATUS				
					POS 65T, (2 EA)				
1890	B	OMIT 1	ED3F004-30,G13A		CABLE, CONNECTORIZED				
1900	B	OMIT 1	ED3F004-30,G13B		CABLE, CONNECTORIZED				
1910	1	7	103276358	18A	GUIDE				
					POS (BOT) 57,61,65,69,74,79,87				
1911	1	2	845217108		GUIDE, BOTTOM CARD				
1920	1	7	103276366	19A	GUIDE				
					POS (TOP) 57,61,65,69,74,79,87				
1921	1	2	845216100		GUIDE, TOP CARD				
1930	F	OMIT 1	104216437	MC3F006A-1	PACK, CIRCUIT, MICROCODED CLEI = CCMQ029A				
					POS 15,57 TN913				

\*\*\*\*\* STOCKLIST CONTINUED AT RIGHT \*\*\*\*\*

J3F011AA-1

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
1940	G	OMIT 1	103929527	UN122	PACK, CIRCUIT CLEI = CCPQ018AXX				
					POS 27,69				
1950	G	OMIT 1	103929535	UN123	PACK, CIRCUIT CLEI = CCPQ019AXX				
					POS 32,74				
1960	C,D	OMIT 2	843769746		BRACKET, MOUNTING				
1970	C,D	OMIT 2	843769779		ANGLE, GROUNDING				
1980	C,D	OMIT 1	843769761		SUPPORT, CABLE				
1990	C,D	OMIT 1	843769753		COVER				
2000	C,D	OMIT 1	103661484	171A	COVER, AIR CLOSURE				
2010	C,D	OMIT 2	843771304		STRAP, GROUND				
2020	C,D	OMIT 2	840059059		SCREW, PAN HEAD MACHINE .164-32 X 5/16 STEEL 289A FINISH				
2030	C,D	OMIT 4	840059042		SCREW, PAN HEAD MACHINE .164-32 X 1/4 STEEL 289A FINISH				
2040	C,D	OMIT 6	840059034		SCREW, PAN HEAD MACHINE .164-32 X 3/16 STEEL 289A FINISH				
2050	C	2	843079948		BRACKET, MOUNTING				
2060	C,D	OMIT 8	840026835		SCREW, TTF SLOTTED HEX, WASHER HD .216-24 X 5/8 TAPPING TYPE (SWAGE FORM) STEEL ZINC PLATE 289A FINISH				
2061	C	8	901271031		SCREW, HEXAGONAL WASHER #M6X16				W* 11
2070	11	OMIT 1	103752796	151G	BLANK, APPARATUS				
					POS 22				
2071	11	OMIT 1	104042122	158C	BLANK, APPARATUS				
					POS 22				
2080	11	3	103752754	151C	BLANK, APPARATUS				
					POS 18,36,40				
2081	11	3	104042122	158C	BLANK, APPARATUS				
					POS 18,36,40				
2090	11	1	842397796		HOLDER, KEY				
					POS 23 E/W				
2100	11	5	843436171		KEY, TUBULAR				
2110	11	1	845376219		LABEL FRONT				
2111	11	1	846804235		LABEL, DESIGNATION PLASTIC, WHITE FRONT				
2120	11	1	845376227		LABEL REAR				
2130	11	OMIT 1	844693184		LABEL FRONT				

STOCKLIST CONTINUED ON SHEET D5

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RW99

SIGNALING AND PACKET  
 SWITCHING SYSTEMS  
 SPECIFICATION FOR  
 3B INTERFACE UNIT  
 MOUNTED ON RING NODE FRAME

DWG SIZE C2 ISSUE 70

LUCENT TECHNOLOGIES INC J3F011AA-1

SHEET D4 OF 38

PRINTED IN U.S.A.

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
2131	11	OMIT 1	846804078		LABEL, DESIGNATION PLASTIC, WHITE FRONT				
2140	11	OMIT 1	844697433		LABEL REAR				
2150	11	OMIT 2	103342119	127C	MOUNTING, APPARATUS   POS 41B (2/POS)				
2160	11	2	103342119	127C	MOUNTING, APPARATUS   POS 23T (2/POS)				
2170	12	1	105286520	MC3F011A-1	PACK, CIRCUIT, MICROCODED CLEI = CCMQ042A   POS 19 TN1340				
2171	12	1	105984355	MC3F011A-1B	PACK, CIRCUIT, MICROCODED CLEI = CCMQ055A   POS 19 TN1340				
2180	12, 27, 28	OMIT 1	103752796	151G	BLANK, APPARATUS   POS 22				
2181	12, 27, 28, 35	OMIT 1	104042122	158C	BLANK, APPARATUS   POS 18				
2190	12, 27, 28	1	103752754	151C	BLANK, APPARATUS   POS 22				
2191	12, 27, 28	1	104042122	158C	BLANK, APPARATUS   POS 22				
2200	12, 27, 28	1	842397796		HOLDER, KEY   POS 19 E/W				
2210	12, 27, 28	5	843436171		KEY, TUBULAR				
2220	12, 27, 28	1	845376193		LABEL FRONT				
2221	12, 27, 28, 43, Y	1	846804227		LABEL, DESIGNATION PLASTIC, WHITE FRONT				
2230	12, 27, 28, Y	OMIT 1	844693184		LABEL				
2231	12, 27, 28, Y	OMIT 1	846804078		LABEL, DESIGNATION PLASTIC, WHITE FRONT				
2240	12, 27, 28, 43, Y	1	845376201		LABEL REAR				
2250	12, 27, 28, Y	OMIT 1	844697433		LABEL   REAR				
2260	14	1	105152201	10A	ADAPTER, INTERFACE CLEI = CNPQACFAXX   POS 65R, 61R_23R, 19R				
2270	15	1	105154389	11A	ADAPTER, INTERFACE CLEI = CNPQACGAXX   POS 65R, 61R_23R, 19R				
2280	16	1	104177837	12A	ADAPTER, INTERFACE CLEI = CNPQACAAXX   POS 65R, 61R_23R, 19R				
2290	17	1	104177845	13A	ADAPTER, INTERFACE CLEI = CNPQACBAXX   POS 65R, 61R_23R, 19R				
2300	18	1	843772393		SPACER   POS 65T, 61T_23T, 19T				
2310	18	1	105021026	MC3F009A-1	PACK, CIRCUIT, MICROCODED CLEI = CCMQ036A   POS 65, 61_23, 19 TN1316				
2320	H	1	845600220		MOUNTING, BACKPLANE APPLIQUE				*/

\*\*\*\*\* STOCKLIST CONTINUED AT RIGHT \*\*\*\*\*

J3F011AA-1

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
2330	H	1	845053560		BRACKET, CABLE				*/
2340	H	12	840059067		SCREW, PAN HEAD MACHINE .164-32 X 3/8 STEEL 289A FINISH				*/
2350	H	1	845053578		PANEL				*/
2360	H	2	845053586		PANEL				*/
2370	H	1	845053594		PANEL				*/
2380	H	2	402697858		HOLDER, TIE CABLE #FTH2				
2390	18	OMIT 1	103752754	151C	BLANK, APPARATUS   POS 60, 18				
2391	18	OMIT 1	104042122	158C	BLANK, APPARATUS   POS 64, 60-22, 18				
2400	F	1	105008064	MC3F012A-1	PACK, CIRCUIT, MICROCODED CLEI = CCMQ034A   POS 15, 57 TN922				
2410	G	1	104197504	UN122B	PACK, CIRCUIT CLEI = CCPQ027AXX   POS 27, 69				
2420	G	1	104197512	UN123B	PACK, CIRCUIT CLEI = CCPQ028AXX   POS 32, 74				
2430	19	1	104171442	TN1317	PACK, CIRCUIT CLEI = CNPQACCAXX   POS 61, 65				
2440	19, 26	OMIT 1	103752754	151C	BLANK, APPARATUS   POS 60				
2441	19, 26	OMIT 1	104042122	158C	BLANK, APPARATUS   POS 60				
2450	L, P	3	845053628		ASSEMBLY, BLANK APPLIQUE   POS 44, 61, 65, (REAR)				
2460	L, P	3	845053636		ASSEMBLY, BLANK APPLIQUE   POS 19, 23, 40 (REAR)				
2470	L, P	OMIT 2	103342119	127C	MOUNTING, APPARATUS   POS 65T (2/POS)				
2480	L, P	2	843772393		SPACER   POS 61T, 65T				
2490	29, L, P	1	842397796		HOLDER, KEY   POS 61 E/W				
2500	29, L, P	5	843436171		KEY, TUBULAR				
2510	L	OMIT 1	844693184		LABEL FRONT				
2511	L	OMIT 1	846804078		LABEL, DESIGNATION PLASTIC, WHITE FRONT				
2520	L	OMIT 1	844697433		LABEL REAR				

STOCKLIST CONTINUED ON SHEET D6

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RW99

SIGNALING AND PACKET  
SWITCHING SYSTEMS  
SPECIFICATION FOR  
3B INTERFACE UNIT  
MOUNTED ON RING NODE FRAME

DWG SIZE C2 ISSUE 70

LUCENT TECHNOLOGIES INC J3F011AA-1

SHEET D5 OF 38

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
2530	L	1	845599398		LABEL FRONT				
2531	L	1	846804136		LABEL, DESIGNATION PLASTIC, WHITE FRONT				
2540	L	1	845599430		LABEL REAR				
2550	14,15,16,17,34	OMIT 1	845053628		ASSEMBLY, BLANK APPLIQUE POS 61,65 (REAR)				
2560	M	1	845599414		LABEL FRONT				
2561	M	1	846804151		LABEL, DESIGNATION PLASTIC, WHITE FRONT				
2570	M	1	845599422		LABEL REAR				
2580	M	OMIT 1	844693184		LABEL FRONT				
2581	M	OMIT 1	846804078		LABEL, DESIGNATION PLASTIC, WHITE FRONT				
2590	M	OMIT 1	844697433		LABEL REAR				
2600	20	1	105175020	MC3F014A-1	PACK, CIRCUIT, MICROCODED CLEI = CCMQ041A POS 69 UN303				
2610	20,23,31,44	OMIT 1	105008064	MC3F012A-1	PACK, CIRCUIT, MICROCODED CLEI = CCMQ034A POS 57 TN922				
2620	20,23,31,44	OMIT 1	104197504	UN122B	PACK, CIRCUIT CLEI = CCPQ027AXX POS 69				
2630	20,23,31,44	OMIT 1	104197512	UN123B	PACK, CIRCUIT CLEI = CCPQ028AXX POS 74				
2640	20,23	1	103752747	I51B	BLANK, APPARATUS POS 56				
2641	20,23,31,38	1	104042114	I58B	BLANK, APPARATUS POS 56				
2650	20,23	1	103755062	I51K	BLANK, APPARATUS POS 73				
2651	20,23,31,38	1	104042155	I58F	BLANK, APPARATUS POS 73				
2660	P	1	845600659		LABEL FRONT				
2661	P	1	846804177		LABEL, DESIGNATION PLASTIC, WHITE FRONT				
2670	P	1	845600683		LABEL REAR				
2680	P	OMIT 1	845599398		LABEL FRONT				
2690	P	OMIT 1	845599430		LABEL REAR				
2700	21	1	104382130	TN1506	PACK, CIRCUIT CLEI = CCPQ031AXX POS 11,79				
2710	N,P	OMIT 1	844693184		LABEL FRONT				

\*\*\*\*\* STOCKLIST CONTINUED AT RIGHT \*\*\*\*\*

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STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
2711	N,P	OMIT 1	846804078		LABEL, DESIGNATION PLASTIC, WHITE FRONT				
2720	N,P	OMIT 1	844697433		LABEL REAR				
2730	N	1	845602580		STRIP, DESIGNATION				
2731	N	1	846804250		LABEL, DESIGNATION PLASTIC, WHITE FRONT				
2740	N	1	845602614		STRIP, DESIGNATION				
2750	22	1	104386164	14A	ADAPTER, INTERFACE CLEI = CCPQ030AXX POS 23R,65R				
2760	22	OMIT 2	103342119	127C	MOUNTING, APPARATUS POS 23T,65T (2/POS)				
2770	22	1	843772393		SPACER POS 23T,65T				
2780	R	OMIT 1	104197504	UN122B	PACK, CIRCUIT CLEI = CCPQ027AXX POS 27,69				
2790	R	OMIT 1	104197512	UN123B	PACK, CIRCUIT CLEI = CCPQ028AXX POS 32,74				
2800	R	1	104409800	UN122C	PACK, CIRCUIT CLEI = CCPQ035AXX POS 27,69				
2810	R	1	104197512	UN123B	PACK, CIRCUIT CLEI = CCPQ028AXX POS 32,74				
2820	S	1	ED3F004-31,G55		CABLE, CONNECTORIZED POS 57-69, 15-27				
2830	S	2	103342119	127C	MOUNTING, APPARATUS POS 57B,69B-15B,27B				
2840	26	1	104435839	TN1640	PACK, CIRCUIT CLEI = CNPQACUAXX POS 61,65				
2841	26	1	107214934	TN1640B	PACK, CIRCUIT CLEI = CNPQAKRA				
2850	23	1	105374078	MC3F018A-1	PACK, CIRCUIT, MICROCODED CLEI = CCMQ048A POS 69 UN303B				
2860	24	1	104382163	TN1509	PACK, CIRCUIT CLEI = CCPQ036AXX POS 11,79				
2870	25	1	104382155	TN1508	PACK, CIRCUIT POS 11,79				
2880	T	1	105374078	MC3F018A-1	PACK, CIRCUIT, MICROCODED CLEI = CCMQ048A POS 27 UN303B				
2890	30,32,T	OMIT 1	105008064	MC3F012A-1	PACK, CIRCUIT, MICROCODED CLEI = CCMQ034A POS 15 TN922				

STOCKLIST CONTINUED ON SHEET D7

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RW99

SIGNALING AND PACKET  
 SWITCHING SYSTEMS  
 SPECIFICATION FOR  
 3B INTERFACE UNIT  
 MOUNTED ON RING NODE FRAME

DWG SIZE C2 ISSUE 70

LUCENT TECHNOLOGIES INC J3F011AA-1

SHEET D6 OF 38

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
2900	30,32,T	OMIT 1	104197504	UN122B	PACK,CIRCUIT CLEI = CCPQ027AXX POS 27				
2910	30,32,T	OMIT 1	104197512	UN123B	PACK,CIRCUIT CLEI = CCPQ028AXX POS 32				
2913	38	OMIT 1	105008064	MC3F012A-1	PACK,CIRCUIT,MICROCODED CLEI = CCMQ034A POS 15 OR 57				
2915	38	OMIT 1	104197504	UN122B	PACK,CIRCUIT CLEI = CCPQ027AXX POS 27 OR 69				
2917	38	OMIT 1	104197512	UN123B	PACK,CIRCUIT CLEI = CCPQ028AXX POS 32 OR 74				
2920	30,T	1	103752747	I51B	BLANK,APPARATUS POS 14				
2921	30,32,38, T	1	104042114	I58B	BLANK,APPARATUS POS 14				
2930	30,T	1	103755062	I51K	BLANK,APPARATUS POS 31				
2931	30,32,38, T	1	104042155	I58F	BLANK,APPARATUS POS 31				
2940	U	1	ED3F064-37,G46		CABLE, CONNECTORIZED POS 32R (PROGRAMMING RESISTORS)				
2950	V	1	ED3F064-37,G46		CABLE, CONNECTORIZED POS 74R (PROGRAMMING RESISTOR)				
2960	U	1	104371547	12B	RETAINER POS 32R (FIG. 4)				
2970	V	1	104371547	12B	RETAINER POS 74R (FIG. 4)				
2980	27	1	105498943	MC3F019A-1	PACK,CIRCUIT,MICROCODED CLEI = CCMQ051A POS 19 TN1641				
2990	W	3	845053628		ASSEMBLY,BLANK APPLIQUE			*/	
3000	W	3	845053636		ASSEMBLY,BLANK APPLIQUE			*/	
3005	30	1	106218316	MC3F026A-1	PACK,CIRCUIT,MICROCODED (UN303B) POS 27				
3006	30	1	107025009	MC3F026A-1B	PACK,CIRCUIT,MICROCODED CLEI = CCMQ00GA (UN303C) POS 27				
3010	28	1	106428758	MC3F020A-1	PACK,CIRCUIT,MICROCODED POS 19 (TN1630)				
3011	28	1	106920754	MC3F020A-1B	PACK,CIRCUIT,MICROCODED CLEI = CCMQUUCA POS 19 (TN1630)				
3012	28	1	107287476	MC3F020A-1C	PACK,CIRCUIT,MICROCODED CLEI = CCMQ00JA POS 19 (TN1630)				
3020	29	1	106459373	MC3F021A-1	PACK,CIRCUIT,MICROCODED CLEI = CCMQ062A POS 61 (TN1631)				7
3040	32	1	106472251	MC3F028A-1	PACK,CIRCUIT,MICROCODED CLEI = CCMQ063A POS 27 (UN305)				
3330	31	1	106218316	MC3F026A-1	PACK,CIRCUIT,MICROCODED (UN303B) POS 69				
3331	31	1	107025009	MC3F026A-1B	PACK,CIRCUIT,MICROCODED CLEI = CCMQ00GA (UN303C) POS. 69				

\*\*\*\*\* STOCKLIST CONTINUED AT RIGHT \*\*\*\*\*

J3F011AA-1

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
3332	29	1	103342119	127C	MOUNTING,APPARATUS POS 61				
3340	33	1	106501075	TN1803	PACK,CIRCUIT POS. 11,79				
3350	Z	OMIT 1	846804193		LABEL,DESIGNATION PLASTIC, WHITE DESIGNATION FRONT				
3360	Z	OMIT 1	844697417		LABEL REAR DESIGNATION				
3370	Z	1	846908929		LABEL,IDENTIFICATION DESIGNATION FRONT				
3380	Z	1	846908945		LABEL,IDENTIFICATION DESIGNATION REAR				
3390	34	1	106464746	13B	PACK,CIRCUIT CLEI = CNPQ181A POS 65R,61R_23R,19R				
3400	35	1	106501091	TN1804	PACK,CIRCUIT POS 19				
3410	36	1	106198013	982YY	CONNECTOR,ADAPTER FEMALE 19R (TOP)				
3420	37,38	1	106389893	MC3F024A-1	PACK,CIRCUIT CLEI = CCMQ060A (UN304) POS 27				
3421	37,38	1	106938467	MC3F024A-1B	PACK,CIRCUIT,MICROCODED (UN304) POS 27, 69				
3425	38,38A	1	107893034	MC3F024A-1C	PACK,CIRCUIT CLEI = CCMQ00KA (UN304) POS 27, 69				
3430	AA	OMIT 8	103342119	127C	MOUNTING,APPARATUS POS11T,41B,79B,79T (2 EACH)				
3440	AA	4	103342119	127C	MOUNTING,APPARATUS POS 15B,19T,27B				
3450	AA	2	104042122	I58C	BLANK,APPARATUS POS 36,40				
3460	AA	OMIT 6	842397796		HOLDER,KEY E/W POS 57,65,69,74,79,87				
3470	AA	OMIT 30	843436171		KEY,TUBULAR				
3480	AA	1	842397796		HOLDER,KEY E/W POS 19				
3490	AA	5	843436171		KEY,TUBULAR				
3500	39	1	106776669	MC3F029A-1	PACK,CIRCUIT,MICROCODED CLEI = CCMQ00AA (TN917B) POS 65				
3510	40	1	106776677	MC3F030A-1	PACK,CIRCUIT,MICROCODED (TN916) POS 65				
3520	AB	1	846978468		KIT,MEMORY (MC3F022A1 TO MC3F029A1)				S
3530	AC	1	846978476		KIT,MEMORY (MC3F003A1 TO MC3F030A1)				S

STOCKLIST CONTINUED ON SHEET D8

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RW99

SIGNALING AND PACKET  
SWITCHING SYSTEMS  
SPECIFICATION FOR  
3B INTERFACE UNIT  
MOUNTED ON RING NODE FRAME

DWG SIZE  
C2

ISSUE  
70

LUCENT TECHNOLOGIES INC J3F011AA-1

SHEET D7  
OF 38

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
3535	41	1	ED3F064-37,G79		CABLE, CONNECTORIZED			8	
3540	41	1	103342119	127C	MOUNTING, APPARATUS (FIG. 4)				
3550	42	1	106197833	982YB	CONNECTOR, ADAPTER FEMALE, 24 CONDUCTOR POS 65T(R)				
3560	42	1	ED3F064-37,G74		CABLE, CONNECTORIZED POS 65T(R)				
3570	42	OMIT 1	843772393		SPACER POS 65T(R)				
3580	42	2	103342119	127C	MOUNTING, APPARATUS POS 65T (2/POS)(R)				
3590	AD	1	847045788		KIT, MEMORY ERASABLE PROGRAMMABLE (MC3F022A1/029A1 TO MC3F032A1)		S		
3700	100	1	103316097	1080A	PLATE, MOUNTING E/W SK A				
3710	100	1	104192968	132G	MOUNTING, APPARATUS				
3720	100	4	845217108		GUIDE, BOTTOM CARD				
3730	100	4	845216100		GUIDE, TOP CARD				
3740	100	1	ED3F012-30,G1		BOARD, MLPWB (BACKPLANE)				
3750	100	8	103316287	8A	SPACER (TOP & BOTTOM)				
3760	100	2	103316295	9A	SPACER (SIDE)				
3770	100	3	843583915		STIFFENER				
3780	100	3	843245044		BAR, CLAMPING				
3790	100	2	843584178		PIN, LOCATING BROWN				
3810	100	18	103342119	127C	MOUNTING, APPARATUS POS. 11T(2), 11B(2), 15B(1), 27T(2), 27B(1), 41B(2), 57B(1), 69T(2), 69B(1), 79T(2), 79B(2)				
3820	100	1	103752721	150A	BLANK, APPARATUS				
3830	110,111,120,120A,130	7	104042122	158C	BLANK, APPARATUS POS. 22,44,48,52,56,64,78				
3831	110,111,120,120A,120B	2	104042114	158B	BLANK, APPARATUS POS. 14, POS 40				
3832	110,111,120,120A,120B,130	2	104042163	158G	BLANK, APPARATUS POS. 12,38				
3840	110,111,120,120A,130	2	104167531	158H	BLANK, APPARATUS POS. 31,73				
3850	100	1	104042106	158A	BLANK, APPARATUS				
3870	100	1	103276416	151A	STRIP, DESIGNATION E/W				
3880	110,111	1	846804177		LABEL, DESIGNATION PLASTIC, WHITE FRONT (RPCN-LN)				
3885	120,120A,120B,130	1	846804227		LABEL, DESIGNATION PLASTIC, WHITE FRONT STRIP (SEE FIG 11) (DLN-LN)				

\*\*\*\*\* STOCKLIST CONTINUED AT RIGHT \*\*\*\*\*

J3F011AA-1

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
3890	110,111	1	845600683		LABEL REAR (RPCN-LN)				
3895	120,120A,120B,130	1	845376201		LABEL REAR REAR STRIP (SEE FIG 11) (DLN-LN)				
3920	100	2	843771296		STRAP, GROUND				
3930	100	3	844695635		STRAP, GROUND				
3970	100	2	843772393		SPACER POS. 61T, 65T				
3980	100	11	842397796		HOLDER, KEY POS. 7,11,19,27,37,41,61,65,69,79,87 E/W				
3990	100	55	843436171		KEY, TUBULAR				2
4015	100	2	ED3F004-31,G55		CABLE, CONNECTORIZED (FIG. 4)				
4020	100	14	842058547		SCREW, SLOT HEXAGON WASHER HEAD .112-40 X 7/16 IN. TYPE TT				
4030	100	8	842701716		WASHER, BACKPLANE				
4040	100	6	804236313	P-423631	WASHER, EXTERNAL TOOTH LOCK .112 STEEL 289A FINISH				
4050	100	12	842058521		SCREW, HEXAGON WASHER HEAD .164-32 X 5/16				
4060	100	12	900699398		SCREW, SLOTTED HEX WASHER HEAD .112-40 X 1/4 TAPPING TAPTITE				
4070	100	12	843584160		SCREW, SOCKET HEAD CAP .112-40 X 1/2 THREAD ROLLING TYPE W TAPTITE ZINC PLATED				
4080	100	9	843584152		SCREW, SOCKET HEAD CAP .112-40 X 1/4				
4090	110,111	2	103803649	495FA	UNIT, POWER FE CLEI PWPQAPVA FE CLEI=PWPQAC3A CLEI = PWPQASEA POS. 7,87				
4100	110,111	1	106501075	TN1803	PACK, CIRCUIT POS. 11				
4110	110	2	106218316	MC3FU26A-1	PACK, CIRCUIT, MICROCODED POS. 27,69 (UN303B)				
4111	110	2	107025009	MC3F026A-1B	PACK, CIRCUIT, MICROCODED CLEI = CCMQ00GA POS. 27, 69 (UN303C)				
4120	110,111	1	104259783	TN914	PACK, CIRCUIT CLEI = CCPQ026AXX POS. 37				
4130	110,111	1	103753265	TN69B	PACK, CIRCUIT POS. 41				
4140	110	1	104435839	TN1640	PACK, CIRCUIT CLEI = CNPQACUAXX POS. 61				

STOCKLIST CONTINUED ON SHEET D9

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RW99	
SIGNALING AND PACKET SWITCHING SYSTEMS SPECIFICATION FOR 3B INTERFACE UNIT MOUNTED ON RING NODE FRAME	
DWG SIZE C2	ISSUE 70
LUCENT TECHNOLOGIES INC	J3F011AA-1
SHEET OF	D8 38

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
4141	110,111	1	107214934	TN1640B	PACK,CIRCUIT CLEI = CNPQAKRA POS. 61			
4150	110,111	1	104042122	158C	BLANK,APPARATUS POS. 18			
4170	120,120A, 120B	1	103803649	495FA	UNIT,POWER FE CLEI PWPQAPVA FE CLEI=PWPQAC3A CLEI = PWPQASEA POS. 7			
4180	120	1	106428758	MC3F020A-1	PACK,CIRCUIT,MICROCODED POS. 19 (TN1630)			
4181	120,120A	1	107287476	MC3F020A-1C	PACK,CIRCUIT,MICROCODED CLEI = CCMQ00JA POS.19 (TN1630B)			
4183	46,120B	1	108079591	TN2522	PACK,CIRCUIT ATTACHED PROCESSOR CIRCUIT POS 19, EQL 42 AP60		14	
4185	46	1	104042163	158G	BLANK,APPARATUS POS 12, EQL 028		*	14
4187	46	1	104042114	158B	BLANK,APPARATUS POS 14, EQL 032		*	14
4190	120	1	106218316	MC3F026A-1	PACK,CIRCUIT,MICROCODED POS. 27 (UN303B)			
4191	120	1	107025009	MC3F026A-1B	PACK,CIRCUIT,MICROCODED CLEI = CCMQ00GA (UN303C) POS. 27			
4195	120A	1	106938467	MC3F024A-1B	PACK,CIRCUIT,MICROCODED POS. 27 (UN304)			
4196	120A, 120B	1	107893034	MC3F024A-1C	PACK,CIRCUIT CLEI = CCMQ00KA POS. 27 (UN304)IRN2			
4200	120,120A	1	104259783	TN914	PACK,CIRCUIT CLEI = CCPQ026AXX POS. 37			
4210	120,120A	1	103753265	TN69B	PACK,CIRCUIT POS. 41			
4220	120,120A, 120B	5	104042122	158C	BLANK,APPARATUS POS. 10,36,60,82,86			
4230	120,120A, 120B	1	104167531	158H	BLANK,APPARATUS POS. 68			
4240	130	1	845600220		MOUNTING,BACKPLANE APPLIQUE		*/	
4250	130	1	845053560		BRACKET,CABLE		*/	
4260	130	12	842058521		SCREW,HEXAGON WASHER HEAD .164-32 X 5/16		*/	
4270	130	1	845053578		PANEL		*/	
4280	130	2	845053586		PANEL		*/	
4290	130	1	845053594		PANEL		*/	
4300	130	4	402697858		HOLDER,TIE CABLE #PTH2		*/	
4310	130	3	845053628		ASSEMBLY,BLANK APPLIQUE		*/	
4320	130	3	845053636		ASSEMBLY,BLANK APPLIQUE		*/	
4330	130	1	103342119	127C	MOUNTING,APPARATUS		*/	
4340	130	8	104042122	158C	BLANK,APPARATUS POS. 2,6,10,18,36, 60,82,86			
4341	130	2	104042114	158B	BLANK,APPARATUS POS 14, EQL 032 POS 40, EQL 084			

\*\*\*\*\* STOCKLIST CONTINUED AT RIGHT \*\*\*\*\*

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STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
4350	130	2	104167531	158H	BLANK,APPARATUS POS. 26,68			
4355	130	2	406747568	WP92458L11	FUSE,10.0 A 250 V		*/	
4360	AE	4	840059042		SCREW,PAN HEAD MACHINE .164-32 X 1/4 STEEL 289A FINISH			
4370	AE	2	840059059		SCREW,PAN HEAD MACHINE .164-32 X 5/16 STEEL 289A FINISH			
4380	AE	1	843769761		SUPPORT,CABLE			
4390	AE	2	847289642		BRACKET,MOUNTING			
4400	43	1	107287476	MC3F020A-1C	PACK,CIRCUIT,MICROCODED CLEI = CCMQ00JA POS 19 (TN1630B)			
4450	101,101A	1	103803649	495FA	UNIT,POWER FE CLEI PWPQAPVA FE CLEI=PWPQAC3A CLEI = PWPQASEA POS. 87, EQL 178			
4460	101	1	107025009	MC3F026A-1B	PACK,CIRCUIT,MICROCODED CLEI = CCMQ00GA (UN303C) POS. 69			
4465	101A	1	107893034	MC3F024A-1C	PACK,CIRCUIT CLEI = CCMQ00KA (UN304) POS. 69			
4470	101,101A	1	105021026	MC3F009A-1	PACK,CIRCUIT,MICROCODED CLEI = CCMQ036A (TN1316) POS. 65			
4480	101,101A	4	103342119	127C	MOUNTING,APPARATUS 65T, 69T (2/POSITION)			
4490	101,101A	1	106197833	982YB	CONNECTOR,ADAPTER FEMALE, 24 CONDUCTOR 65T (R)			
4500	101 101A	1	ED3F064-37,G74, G74		CABLE, CONNECTORIZED 65T (R)			
4510	44	1	106974082	UN397	PACK,CIRCUIT CLEI = DNIFC00A POS 69			
4520	45	1	107248395	TN2520	PACK,CIRCUIT CLEI = DNIFCJ0A POS 65			
4530	45	1	103342119	127C	MOUNTING,APPARATUS POS 65			
4540	45	1	847457868		LABEL,INFORMATION (ULN) (FRONT) POS 2ND NODE			
4550	45	1	847457876		LABEL,INFORMATION (ULN) (REAR) POS 2ND NODE			
4560	111	1	106938467	MC3F024A-1B	PACK,CIRCUIT,MICROCODED (UN304) POS. 27			
4561	111	1	107893034	MC3F024A-1C	PACK,CIRCUIT CLEI = CCMQ00KA (UN304) POS. 27			

STOCKLIST CONTINUED ON SHEET D10

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RW99

SIGNALING AND PACKET  
SWITCHING SYSTEMS  
SPECIFICATION FOR  
3B INTERFACE UNIT  
MOUNTED ON RING NODE FRAME

DWG SIZE  
C2

ISSUE  
70

LUCENT TECHNOLOGIES INC J3F011AA-1

SHEET D9  
OF 38

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STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
4570	111	1	107025009	MC3F026A-1B	PACK,CIRCUIT,MICROCODED CLEI = CCMQ00GA (UN303C) POS. 69				
4600	120C	2	104042114	158B	BLANK,APPARATUS POS 14, EQL 032 POS 40, EQL 084				
4610	120C	1	104042163	158G	BLANK,APPARATUS POS 38, EQL 080				
4620	120C	1	846804227		LABEL,DESIGNATION PLASTIC, WHITE FRONT STRIP (DLNE-LN) (SEE FIG 11)				
4630	120C	1	845376201		LABEL REAR REAR STRIP (DLNE-LN) (SEE FIG 11)				
4640	120C	1	103803649	495FA	UNIT,POWER FE CLEI PWPQAPVA FE CLEI=PWPQAC3A CLEI = PWPQASEA POS 7, EQL 18				
4650	120C	1	108079591	TN2522	PACK,CIRCUIT ATTACHED PROCESSOR CIRCUIT POS 19, EQL 42 AP60				
4660	120C	1	108653460	UN337	PACK, CIRCUIT INTEGRATED RING NODE CLEI = CCPEFW0B POS. 27 (UN337)IRN2R				
4680	120C	2	104042122	158C	BLANK,APPARATUS POS 22, EQL 048 POS 36, EQL 076				
4690	120C	1	104167531	158H	BLANK,APPARATUS POS 32, EQL 068				
4700	AF	1	848751079		LABEL,IDENTIFICATION				
***** END OF STOCKLIST *****									

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TABLE D  
PLACEMENT OF TUBULAR KEYS

LINE	CKT PACK CODE	KEY HOLDER POSITION	STOP CODE
40	495FA	7,87	LF
41	TN915/918/1508/1803	11,79	CG
42	TN913,TN922	15,57	FA
43	UN122,UN122B,UN122C,UN303B UN303C,UN304, UN337	27,69	EM
44	UN123,123B	32,74	JA
45	TN914	37	EH
46	TN69B	41	JE
47	TN916/917/1316,1317,1631, TN1640, 1640B	19,23,61,65	HM
48	TN1340, TN1641,TN1630 TN2523	19	HM

TABLE E  
(SEE NOTE 56) (NOT UPDATED AFTER ISSUE 51)

LEGEND: X = LISTS ALWAYS REQUIRED 69 = SEE NOTE 69  
O = OPTIONAL LISTS  
- = NOT REQUIRED

APPLICATION	MOUNTED ON (FR/CAB)	LISTS																			
		1	2	3	4	5	6	8	9	10	11	12	A	B	C	D	F	SA	16		
2 STP	J3F011A-1(RNF)	X	X	-	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-		
NCP(MODEL 1)	J3F011B-1(RNF)	X	X	X	-	X	O	O	O	O	-	O	X	-	-	-	-	X	-		
NCP(MODEL 3)	J3F011D-1(RNC)	X	X	X	-	X	O	O	O	O	-	O	X	-	X	-	-	X	-		
5ESS (CNI)	J3F011C-1(RNC)	X	O	O	-	O	O	O	O	O	O	O	O	X	-	-	-	X	O		
1PSS-R4	J3F011E-1(RNC)	X	X	-	X	-	-	-	-	-	-	-	X	-	X	-	-	X	-		
4ESS/NSD	J3F011E-1(RNC)	X	O	O	-	O	-	-	O	O	O	-	O	-	X	-	-	X	O		
2ASTP/A-I-NET	J3F011E-1(RNC)	X	X	O	O	-	-	-	-	-	-	-	X	-	X	-	-	X	-		
1A ESS	J3F011B-1(RNF)	X	O	O	O	O	-	O	-	-	-	O	-	O	-	-	-	X	O		
AUTOPLEX1000	J3F011E-1(RNC)	X	X	O	O	O	-	O	-	-	-	-	X	-	X	-	-	X	O		
4ESS/RBOC	J3F011E-1(RNC)	X	X	O	O	O	-	O	-	-	-	O	-	X	-	X	-	-	O		
1PSS-R3/R4	J3F011F-1(RNF)	X	X	-	X	-	-	-	-	-	-	-	X	-	X	-	-	X	-		
ASI	J3F011G-1(RNC)	X	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	-		
LISTS		18	H	G	SB	SC	SD	SE	SF	SG	SH	J	K	SN	L	M	14	15	34	SP	SQ
2 STP	J3F011A-1(RNF)	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NCP(MODEL 1)	J3F011B-1(RNF)	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NCP(MODEL 3)	J3F011D-1(RNC)	O	O	X	-	O	-	-	-	-	-	-	-	O	-	-	-	O	-	-	-
5ESS (CNI)	J3F011C-1(RNC)	-	-	X	-	O	-	O	O	-	O	O	-	-	-	-	-	-	-	-	-
1PSS-R4	J3F011E-1(RNC)	-	-	X	O	-	-	-	-	-	-	-	-	-	-	-	-	O	-	-	-

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RW99

SIGNALING AND PACKET SWITCHING SYSTEMS SPECIFICATION FOR 3B INTERFACE UNIT MOUNTED ON RING NODE FRAME

DWG SIZE C2 ISSUE 70

LUCENT TECHNOLOGIES INC J3F011AA-1 SHEET D10 OF 38

