

| ISSUE NOTES (CONTINUED) | | | | | ISSUE NOTES (CONTINUED) | | | | | ISSUE NOTES | | | | | | | | | | | | | |
|---|-----------|-----------|---------------------|-----------|--|-----------|-----------|---------------------|-----------|--|-----------|-----------|---------------------|-----------|------------|-----------|---------------------|-----------|--|-----------|-----------|---------------------|-----------|
| NOTES 76,77, LIST 30,31,34,SK, FIG. 6 ADDED. SL LINE 2000 QTY WAS 14, LINE 2001 ADDED. ORIG ISS: 03/23/87 NDD NBR: 3F011CB-47 CHANGE CLASS: B | | | | | SL LINE 1810 WAS 104246467, MC3F022A1, CCMQ032AXX, TN917. CNC90016CB. ORIG ISS: 03/23/87 CHANGE CLASS: A | | | | | LIST 21 AND LISTS SD THRU SJ ADDED. ORIG ISS: 03/23/87 NDD NBR: 3F011CB-17 CHANGE CLASS: B | | | | | | | | | | | | | |
| DRAFT: PLM | ENGR: DPP | SUPV: PLP | CERTIFIED: 12/12/91 | ISSUE: 38 | DRAFT: RPR | ENGR: DPP | SUPV: DEP | CERTIFIED: 08/22/89 | ISSUE: 32 | DRAFT: RPR | ENGR: DPP | SUPV: | CERTIFIED: 06/01/87 | ISSUE: 24 | | | | | | | | | |
| LIST 33 ADDED: L-23 WAS STD. CN C10169CB ORIG ISS: 03/23/87 CHANGE CLASS: AC | | | | | SECT. B-B LINED OUT. SECT. C-C, FIG. 5 ADDED. SL LINES 1020,1080, 1090,1130,1140,1150,1160,1190,1200,1210,1220,1230,1240,1250,1260, 1270,1280,1290,1300,1310,1320,1970,1980,2340,2350 LINED OUT. LINES 1990,2000 & 2020 WERE LINED OUT. LINES 1021,1081,1091,1131,1141,1191,1201,1211,1221,1231, 1241,1251,1261,1271,1281,1291,1301,1311,1321,1451,1461, 1471,1481,2341,2351 ADDED. NOTE 74 ADDED. ORIG ISS: 03/23/87 NDD NBR: 3F011CB-31 CHANGE CLASS: B | | | | | LIST P & NOTES 6 & 63 ADDED. LIST 4 DESCRIPTION WAS CHANGED TO 2400/4800 FROM 2400. ORIG ISS: 03/23/87 NDD NBR: 3F011CB-18 CHANGE CLASS: B | | | | | | | | | | | | | |
| DRAFT: PLM | ENGR: DPP | SUPV: PLP | CERTIFIED: 12/12/91 | ISSUE: 39 | DRAFT: RPR | ENGR: DPP | SUPV: DEP | CERTIFIED: 08/22/89 | ISSUE: 33 | DRAFT: RPR | ENGR: DPP | SUPV: | CERTIFIED: 06/01/87 | ISSUE: 25 | | | | | | | | | |
| TO CORRECT SHEET INDEX. ORIG ISS: 03/23/87 CHANGE CLASS: M | | | | | LISTS 26 & SJ ADDED. IN TABLE A, L11 TN1317 & ZF ADDED. SL LINES 1081 & 1091 QTY WAS 19. LINE 1321 LIST COL 25 & 26 ADDED, LINE 1640 LIST COL 26 ADDED, LINE 2600 ADDED. ORIG ISS: 03/23/87 NDD NBR: 3F011CB-37 CHANGE CLASS: B | | | | | LISTS WA,R AND NOTES 64-68 ADDED. LIST 19 WAS FOR AUTOPLEX AND 2NCP ONLY. TABLE G ADDED. ORIG ISS: 03/23/87 NDD NBR: 3F011CB-19 CHANGE CLASS: B | | | | | | | | | | | | | |
| DRAFT: PLM | ENGR: DPP | SUPV: PLP | CERTIFIED: 01/07/92 | ISSUE: 40 | DRAFT: RAK | ENGR: DPP | SUPV: DEP | CERTIFIED: 03/14/90 | ISSUE: 34 | DRAFT: BRJ | ENGR: DPP | SUPV: DEP | CERTIFIED: 09/10/87 | ISSUE: 26 | | | | | | | | | |
| LIST 32 & U, FIG. 2E, NOTE 7 & 78 ADDED. SL LINE 2020 LINED OUT, LINE 2021 ADDED. ORIG ISS: 03/23/87 NDD NBR: 3F011CB-50/51 CHANGE CLASS: B | | | | | LIST 28 & NOTE 75 ADDED. ORIG ISS: 03/23/87 NDD NBR: 3F011CB-41 CHANGE CLASS: B | | | | | NOTE 69 AND LIST 25 ADDED. LIST SJ REMOVED. ORIG ISS: 03/23/87 NDD NBR: 3F011CB-20 CHANGE CLASS: B | | | | | | | | | | | | | |
| DRAFT: PLM | ENGR: DPP | SUPV: PLP | CERTIFIED: 04/13/92 | ISSUE: 41 | DRAFT: PLM | ENGR: DPP | SUPV: DEP | CERTIFIED: 10/03/90 | ISSUE: 35 | DRAFT: BRJ | ENGR: DPP | SUPV: DEP | CERTIFIED: 10/19/87 | ISSUE: 27 | | | | | | | | | |
| LIST 29, NOTE 79 ADDED - LIST 17 WAS STD. ORIG ISS: 03/23/87 NDD NBR: 3F011CB-52 CHANGE CLASS: B | | | | | SHEET C1,C2, FIG. 2,2A,2C REPLACE PWRA AND PWRB WITH OVERLAY LABEL PUA AND PUB SHEET C2 FIG. 2B,2D REPLACE PWRB AND PWRA WITH OVERLAY LABEL PUB AND PUA. CN10104CB ORIG ISS: 03/23/87 CHANGE CLASS: AU | | | | | LISTS 22,23,24 AND NOTES 70,71,72,73 ADDED. SL LINE 2280, N ADDED TO LIST COLUMN. LINE 2380 LINED OUT. LISTS 19, 20, L WERE RATED STD. ORIG ISS: 03/23/87 NDD NBR: 3F011CB-21 CHANGE CLASS: B | | | | | | | | | | | | | |
| DRAFT: PLM | ENGR: DPP | SUPV: PLP | CERTIFIED: 06/16/92 | ISSUE: 42 | DRAFT: PLM | ENGR: WAU | SUPV: DEP | CERTIFIED: 08/27/91 | ISSUE: 36 | DRAFT: MDH | ENGR: DPP | SUPV: DEP | CERTIFIED: 05/04/88 | ISSUE: 28 | | | | | | | | | |
| SL LINES 1580, 1590 W* ADDED. LINE 1640 L18 ADDED. LINE 1650 L29 WAS L34. ----- LIST 35 ADDED. ORIG ISS: 03/23/87 NDD NBR: 3F011CB-58 CHANGE CLASS: B | | | | | SL LINES 1060,1490,1510,2140,2280,2290,2360,2410,2430 LINED OUT. SL LINES 1061,1491,1511,2141,2281,2291,2361,2411,2431 ADDED. ORIG ISS: 03/23/87 NDD NBR: 3F011CB-44 CHANGE CLASS: B | | | | | SL LINE 2400 WAS 105211601, LINE 1640 QTY WAS 6, LINE 1650 POSITION NUMBERS ADDED. ORIG ISS: 03/23/87 NDD NBR: 3F011CB-21 CHANGE CLASS: M | | | | | | | | | | | | | |
| DRAFT: BJJ | ENGR: DPP | SUPV: PLP | CERTIFIED: 12/11/92 | ISSUE: 43 | DRAFT: PLM | ENGR: DDP | SUPV: PLP | CERTIFIED: 12/12/91 | ISSUE: 37 | DRAFT: MDH | ENGR: DPP | SUPV: DEP | CERTIFIED: 05/04/88 | ISSUE: 29 | | | | | | | | | |
| L-36, L-V, L-W & NOTES 80, 81 ADDED. L-7 WAS STD. STOCKLIST LINE 2670 LINED OUT, LINE 2671 ADDED. ORIG ISS: 03/23/87 NDD NBR: 3F011CB-64 CHANGE CLASS: B | | | | | SL LINES 1920,2060 WERE 840059059 ----- 1/4 INCH. LINES 1930, 2070 WERE 840059067 ----- 3/8 INCH. LINE 2570, CLEI CODE & POS. ADDED. ORIG ISS: 03/23/87 CHANGE CLASS: M | | | | | LIST "S" ADDED. IN SL LINE 2570 WAS 105310577. ORIG ISS: 03/23/87 NDD NBR: 3F011CB-28 CHANGE CLASS: B | | | | | | | | | | | | | |
| DRAFT: BJJ | ENGR: DDP | SUPV: PLP | CERTIFIED: 04/29/93 | ISSUE: 44 | | | | | | DRAFT: RAK | | | | | ENGR: DPP | SUPV: DEP | CERTIFIED: 09/14/88 | ISSUE: 30 | | | | | |
| | | | | | | | | | | SL LINES 1920,2060 WERE 840059059 ----- 1/4 INCH. LINES 1930, 2070 WERE 840059067 ----- 3/8 INCH. LINE 2570, CLEI CODE & POS. ADDED. ORIG ISS: 03/23/87 CHANGE CLASS: M | | | | | DRAFT: RPR | | | | | ENGR: DPP | SUPV: DEP | CERTIFIED: 08/22/89 | ISSUE: 31 |

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| RW99 | |
| SIGNALING AND PACKET SWITCHING SYSTEMS SPECIFICATION FOR LINK NODE UNIT A MOUNTED ON RING NODE FRAME | |
| DWG SIZE C2 | ISSUE 61 |
| LUCENT TECHNOLOGIES INC J3F011AB-1 | |
| SHEET A1 OF 37 | |

| ISSUE NOTES (CONTINUED) | | | | |
|--|--|--|--|--|
| NOTE 86 ADDED. TABLE A LIST 160J ADDED. LISTS 4, 8, 14, 35, 38, 120, 120A, 120B, 120C, 120D, 120E, 140, 140A, 140B, 140C, 140D, 140E, F, H, U, P, SF, SG, SH RATED DA. S/L LINES 2570, 2671, 2680, 3351, 3355, 3370, 3610, 3670, 3610, 3755, 3765 LINED OUT. S/L LINES 2571, 2672, 2681, 3352, 3356, 3371, 3612, 3672, 3612, 3766, 3583, 3624, 3627, 4300, 4320, 4340, 4350, 4360 ADDED. REF TO LIST 140J REMOVED FROM LINE 3580 AND ADDED TO LINE 3590. REF TO LIST 120A, 120B, 120C, 120D, 120E, 120J, 121 REMOVED FROM LINE 3619. QTY CHANGED ON 3620 FROM 11 TO 10. QTY CHANGED ON 3630 FROM 4 TO 5 FIG 101 & 2H ADDED. INFORMATION IN THESE FIGURES PREVIOUSLY SHOWN IN FIG 1A AND 2C. S/L 3730, POS READ 19. S/L 3740, POS READ 40 ----- S/L LINES 3730, 3740, 3750, 3760 LINED OUT. 3745 & 3761 ADDED. CASE # H09119 ORIG ISS: 03/23/87 NDD NBR: WS0000204 CHANGE CLASS: B DRAFT: RPR ENGR: RDM SUPV: NDH CERTIFIED: 08/11/00 ISSUE: 61 | | | | |

| ISSUE NOTES (CONTINUED) | | | | |
|---|--|--|--|--|
| INCLUDES PT. ISS. 51.1. ----- LISTS 120A, 120B, 120C, 120D, 120E, 121, 140A, 140B, 140C, 140D, 140E, ADDED. LIST 120 MODIFIED. ORIG ISS: 03/23/87 NDD NBR: 3F011CB-98 CHANGE CLASS: B DRAFT: BJG ENGR: NW SUPV: PLP CERTIFIED: 06/15/95 ISSUE: 52 | | | | |
| LIST Z ADDED. ORIG ISS: 03/23/87 NDD NBR: 3F011CB-99 CHANGE CLASS: B DRAFT: BJG ENGR: NW SUPV: PLP CERTIFIED: 06/29/95 ISSUE: 53 | | | | |
| X ORIG ISS: 03/23/87 NDD NBR: 3F011CB-104 CHANGE CLASS: B DRAFT: BJG ENGR: RDM SUPV: DMV CERTIFIED: 03/21/96 ISSUE: 54 | | | | |
| ISSUE NOTE FOR ISSUE 54 OMITTED. SHOULD HAVE READ: GROUPS 102A, 105A AND 107A ADDED. STOCKLIST LINES 3140, 3160, 3351, 3380, 3750, 3760 AND 3890 CHANGED. SL LINES 3755, 3765, 3355 ADDED. ----- ISSUE 54 ALSO INCLUDED POINT ISSUE 53.1 ----- CORRECTING ISSUE NOTE OMISSION IS ONLY CHANGE MADE ON THIS ISSUE. ORIG ISS: 03/23/87 CHANGE CLASS: ME DRAFT: BJG ENGR: RDM SUPV: MBR CERTIFIED: 03/25/96 ISSUE: 55 | | | | |
| NOTE 500 AND LISTS 120J & 140J ADDED. G3560 ORIG ISS: 03/23/87 NDD NBR: 3F011CB-120 CHANGE CLASS: B DRAFT: RPR ENGR: RDM SUPV: NDH CERTIFIED: 03/18/99 ISSUE: 56 | | | | |
| LISTS 150H, 151H & 153H ADDED. ORIG ISS: 03/23/87 NDD NBR: 3F011CB-122 CHANGE CLASS: B DRAFT: BRK ENGR: RDM SUPV: NDH CERTIFIED: 04/20/99 ISSUE: 57 | | | | |
| SHEET INDEX UPDATED. ORIG ISS: 03/23/87 CHANGE CLASS: ME DRAFT: BRK ENGR: RDM SUPV: NDH CERTIFIED: 04/20/99 ISSUE: 58 | | | | |
| IN STOCKLIST, LINES 3503, 3507, 3593 & 3597 ADDED. QTY ON LINE 3500 CHANGED TO 5. LISTS 103A & 106A ADDED. REF TO LIST 120J ADDED TO LINES 3660 & 3670 ORIG ISS: 03/23/87 NDD NBR: 3F011CB-123 CHANGE CLASS: B DRAFT: BRK ENGR: RDM SUPV: NDH CERTIFIED: 07/08/99 ISSUE: 59 | | | | |
| LISTS AA & AB ADDED. REF TO LIST AA ADDED TO S/L LINE 3660. REF TO LIST AB ADDED TO 3890. S/L LINE 4250 & NOTE 85 ADDED. ORIG ISS: 03/23/87 NDD NBR: 3F011CB-130 CHANGE CLASS: ME DRAFT: BRK ENGR: RDM SUPV: NDH CERTIFIED: 03/13/00 ISSUE: 60 | | | | |

| ISSUE NOTES (CONTINUED) | | | | |
|---|--|--|--|--|
| LIST 100, 110 & 130 ADDED. ORIG ISS: 03/23/87 NDD NBR: 3F011CB-70 CHANGE CLASS: B DRAFT: BJG ENGR: DDP SUPV: PLP CERTIFIED: 08/02/93 ISSUE: 45 | | | | |
| L-24 ADDED TO SL LINE 1311. L-31 & 32 ADDED TO SL LINE 1301. ----- LISTS 37 & X, NOTE 82 & FIG. 6 ADDED. ORIG ISS: 03/23/87 NDD NBR: 3F011CB-72 CHANGE CLASS: B DRAFT: RPR ENGR: NW SUPV: PLP CERTIFIED: 09/02/93 ISSUE: 46 | | | | |
| SL ITEM 3110 QTY WAS 20, LINE 3150 QTY WAS 13, LINE 3160 QTY WAS 6. SL ITEM 3100 WAS;100,2,843079948,MTG BRACKET. SL ITEMS 1491,1500 WERE G,H. SL ITEMS 3140,3150,3160 WERE L100. SL ITEM 1192-1195 ADDED. ITEMS 1200,1201,1211,1221,1231,1241, 1251,1261,1271,1281,1291,1301,1311,1321,1451,1461,1471,1481, 2141,2150,2341,2351 LINED-OUT. NOTES 8,9,10 ADDED. SL ITEMS 3390,3400,3410 WERE:110,8,104042122,158C,AP BLANK 110,5,104167531,158H,AP BLANK 110,2,104042114,158B,AP BLANK POINT ISSUE 46.1-46.4 INCLUDED. ----- TABLE A LIST AE ADDED. SL ITEMS 3530-3560 ADDED. SHEET C1 FIG 3A ADDED. ORIG ISS: 03/23/87 NDD NBR: NDD3F011CB-78 CHANGE CLASS: AC DRAFT: BJG ENGR: DPP SUPV: PLP CERTIFIED: 04/15/94 ISSUE: 47 | | | | |
| SL LINES 2150, 2341, 2351 LINED OUT. ----- LISTS 38, 120 & 140 ADDED. ORIG ISS: 03/23/87 NDD NBR: 3F011CB-85 CHANGE CLASS: B DRAFT: RDS ENGR: NW SUPV: CERTIFIED: 07/29/94 ISSUE: 48 | | | | |
| LIST Y ADDED. ORIG ISS: 03/23/87 NDD NBR: 3F011CB-87 CHANGE CLASS: B DRAFT: PLM ENGR: NW SUPV: PLP CERTIFIED: 10/31/94 ISSUE: 49 | | | | |
| SL LINES 3580,3620 QTY WAS 10. LINE 3630 QTY WAS 5. LINE 3619 ADDED. SL LINES 2610,3360 LINED OUT. SL LINES 2611,3361 ADDED. ----- LISTS 39,40 ADDED. LIST 9 RATED DA. NOTE 83, FIG. 8 ADDED. ORIG ISS: 03/23/87 NDD NBR: 3F011CB-91 CHANGE CLASS: B DRAFT: PLM ENGR: DPP SUPV: PLP CERTIFIED: 12/06/94 ISSUE: 50 | | | | |
| SL LINES 3200 & 3210 WERE: 100,2,ED3F064-37,G46 CONN CABLE & 100,2,104371547,12B,RETAINER RESPECTIVELY. LINES 2540,3350 LINED OUT. LINES 2541,3351 ADDED. (PI49.1 & .2 & 50.1 & 50.2) ----- LISTS 101-107 ADDED. LISTS 11,26 WERE STD. ORIG ISS: 03/23/87 NDD NBR: 3F011CB-93 CHANGE CLASS: B DRAFT: PLM ENGR: DPP SUPV: PLP CERTIFIED: 03/03/95 ISSUE: 51 | | | | |

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RW99

SIGNALING AND PACKET
 SWITCHING SYSTEMS
 SPECIFICATION FOR
 LINK NODE UNIT A
 MOUNTED ON RING NODE FRAME

| | |
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| DWG SIZE C2 | ISSUE 61 |
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LUCENT TECHNOLOGIES INC J3F011AB-1 SHEET A2 OF 37

ENGINEERING NOTES

***** CONTINUED *****

847572211. ONE (1) KIT PROVIDES FOR AN INCREASE OF 32MB OF MEMORY FOR 1 CIRCUIT PACK. (FOR USE ON AUTOPLEX RELEASE 6.1 OR LATER).

| NO. OF KITS REQUIRED TO UPGRADE | | | | |
|---------------------------------|-----------|-----------|-----------|-----------|
| FROM ? | TO ? | TN1720B ? | TN1720C ? | TN1720D ? |
| ? | ? | (112MB) ? | (144MB) ? | (176MB) ? |
| ? | ? | (208MB) ? | ? | ? |
| ? | TN1720A ? | 1 | 2 | 3 |
| ? | TN1720B ? | - | 1 | 2 |
| ? | TN1720C ? | - | - | 1 |
| ? | TN1720D ? | - | - | - |

- 85. WHEN ORDERING LISTS 150H, 151H OR 152H, ORDER EITHER LIST AA OR AB TO PROVIDE A 495FA POWER SUPPLY IN POS 7 OR 87 IF NOT PROVIDED BY ANOTHER LIST. IF ORDERING LIST 153H, A 495FA IS NOT PROVIDED AND IF NEEDED, SHOULD BE ORDERED USING COMCODE 103803649. WHEN ORDERING LIST 160J, ORDER LIST AA TO PROVIDE A POWER SUPPLY IN POSITION 7 IF NOT PROVIDED BY ANOTHER LIST.
- 86. WHEN EQUIPPING AN ICN NODE, THE MDL CIRCUIT PACK (TN1640-) MUST ALWAYS BE EQUIPPED IN THE LI (MDL1) CIRCUIT PACK POSITION OF ANY NODE LOCATION.
- 500. THIS LIST MAY BE ORDERED AS A MAIN OR SUPPLEMENTAL

ENGINEERING NOTES

***** CONTINUED *****

LONG MESSAGE FEATURE IS REQUIRED IT MUST BE PROVIDED IN EVERY NODE IN THE RING.

- 66. SPECIFY LIST R WHEN CONVERTING SSI NODES INTO IRN'S OR ULN'S IN THE FIELD. ALSO, WHEN IRN'S OR ULN'S ARE ORDERED IN THE SHOP, LIST R MUST BE SPECIFIED. EARLIER VERSIONS HAVE HAD HARD WIRE STRAPPING PER TABLE F.
- 67. RESERVED.
- 68. APPLICATION OF THESE LISTS (\$19,20\$ 22,23,24,R,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.
- 69. LIST M IS REQUIRED WHEN THE NODES ARE EQUIPPED WITH IRN AND LI PACKS, WHILE LIST N IS REQUIRED WHEN THEY ARE EQUIPPED WITH IRN AND MDL PACKS.
- 70. 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.
- 71. 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 2 OF THEM BE LOCATED ADJACENT TO THE RPC NODES. IMS/CNI APPLICATION SCHEMATIC SD-3F019-02 AND EACH SPECIFIC APPLICATION SCHEMATIC LIST GUIDELINES FOR ENGINEERING AND PLACEMENT OF IFB'S.
- 72. RINGS REQUIRING MORE THAN 4 IFB'S AND OPERATING AT 8MHZ MUST USE IFB'S PER L-24 (TN1508, 16-8) AS REQUIRED.
- 73. USE CRI-3FOXX-6 TO RETROFIT IRN'S (UN303B, MC3F018A1) IN THE FIELD.
- 74. 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 (LK), UN122C (LP), UN303/MC3F014A1 (L19), UN303B/MC3F018A1 (L22).
- 75. LISTS 22 & 28 ARE MUTUALLY EXCLUSIVE, L22 REPLACED BY L28. L28 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 THUR 3.3.3.L> AND IMS <3.4.2.H THRU 3.4.2.K>.
- 76. WHEN THE PCR FEATURE IS REQUIRED THE LINE ENGINEER MUST SPECIFY (1) L-18 & (1) L-30 PER NODE. ALSO CONNECTORIZED SWBD CABLE ED3F064-37,G73 MUST BE ORDERED AND INSTALLER INSTRUCTED TO MOUNT IT ON THE 982YB CONNECTOR AND CONNECT IT TO THE DATA SET AS SHOWN ON FIG. 6. UNIT MAY HAVE PCR FEATURE ON ONE, TWO OR THREE NODES. LISTS H,14-17 ARE NOT REQUIRED W/THIS FEATURE.
- 77. WHEN THE DSO-A FEATURE IS REQUIRED, THE LINE ENGINEER IN ADDITION TO SPECIFYING L-31 MUST ALSO ORDER CONNECTORIZED SWBD CABLES ED3F004-30,G113 & G114 AND INSTRUCT THE INSTALLER WHERE TO CONNECT THEM.
- 78. WHEN THE PRO FEATURE IS REQUIRED, IN ADDITION TO L-32, LINE ENGINEER MUST ALSO ORDER CONNECTORIZED SWBD CABLE PER ED3F064-37, G73.
- 79. THE 13B INTERFACE ADAPTER (L-29), 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.
- 80. WHEN UPGRADING EXISTING MC3F022A1/TN917B PACKS TO MC3F029A1 PACKS, IN THE FIELD, FOR THE PRO-LIE FEATURE, ORDER L-V WHICH PROVIDES FROM KIT 846978468. LIST 35 PROVIDES A SHOP MANUFACTURED MC3F029A1 PACK.
- 81. WHEN UPGRADING EXISTING MC3F003A1/TN916 SERIES 5, 6 & 7 PACKS TO MC3F030A1 PACKS, IN THE FIELD, FOR THE PRO-LINE FEATURE, ORDER L-W WHICH PROVIDES FROM KIT 846978976. LIST 36 PROVIDES A SHOP MANUFACTURED MC3F030A1 PACK.
- 82. TO REMOVE ENCRYPTION FROM MC3F022A1/TN917B OR MC3F029A1/TN917B, ORDER LIST X (KIT 847045788) FOR FIELD UPGRADING TO AN EQUIVALENT OF MC3F032A1 PACK; HOWEVER, THIS PACK (MC3F032A1) WILL NOT BE MANUFACTURED BY THE FACTORY.
- 83. WHEN ORDERING L-39 & L-40 FOR THE HIGH SPEED LINK NODE FEATURE, LINE ENGINEER MUST ALSO ORDER CONNECTORIZED CABLE ED3F004-30,G135 AND INSTRUCT INSTALLER TO SET SWITCHES ON CABLE PADDLE BOARD AS SHOWN IN FIG. 8.
- 84. WHEN UPGRADING THE MEMORY OF EXISTING TN1720A, B, C OR D CIRCUIT PACKS IN THE FIELD, ORDER LIST Z WHICH PROVIDES KIT

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

ENGINEERING NOTES

- 51. INFORMATION FURNISHED PER THIS DRAWING IS IN ACCORDANCE WITH LUCENT TECHNOLOGIES PRACTICES.
- 52. ALTHOUGH THIS UNIT IS KNOWN AS A LEFT TO RIGHT LINK NODE UNIT (DESCRIBING THE FLOW OF DATA), THE NODES ARE EQPD FROM RIGHT TO LEFT. THE HIGHEST NUMBERED NODE IS EQPD FIRST. FOR 2STP APPLICATIONS ALL THREE NODES MUST BE FULLY EQPD.
- 53. ANY LIST FROM AMONG LIST 4 THRU LIST 8 MAY BE SPECIFIED IN ADDITION TO L-1 TO FULLY EQUIP THE FIRST LINK NODE; SIMILARLY ANY LIST FROM AMONG L-4 THRU L-8 MAY BE SPECIFIED IN ADDITION TO L-2 TO FULLY EQUIP THE 2ND LINK NODE AND AGAIN IN ADD'N TO L-3 TO FULLY EQUIP THE 3RD LINK NODE. THE MAX NO. OF ANY COMBINATION OF L-4 THRU L-8 PER UNIT IS THREE. WHEN ORDERING LISTS 4 THRU 8 THE CIRCUIT PACK POSITION(S) MUST BE SPECIFIED AND THE ASSIGNMENT OF THESE LISTS TO LINK NODES MUST BE RECORDED FOR OFFICE RECORDS.
- 54. \$INTER FRAME BUFFERS MUST BE PROVIDED ADJACENT TO THE LOWEST AND HIGHEST NUMBERED NODES ON THE FRAME/CABINET. A. USE PIFB'S (L-9) WHEN 60 OR LESS NODES ARE EQUIPPED/OFFICE. B. USE IFB'S (L-10) WHEN MORE THAN 60 NODES ARE EQUIPPED/OFFICE. LARGE RING FRAMES/CABINETS (SUCH AS J3F011A-1,E-1,F-1) WILL REQUIRE 2 BUFFERS, WHILE SMALL RINGS (J3F011B-1,C-1,D-1) WILL REQUIRE 4 BUFFERS (2/GROUP). SYSTEMS OF 60 NODES OR LESS MUST USE EXACTLY FOUR PIFB'S (L-9) PLACED ON OPPOSITE SIDES OF THE RING. THE FIRST IS PLACED AT THE INPUT OF RING 0 OF RPCN 00-0, THE SECOND IS PLACED AT THE OUTPUT OF RING 0 OF THE HIGHEST EQUIPPED NODE OF GROUPS 00-31, THE THIRD IS PLACED AT THE INPUT OF RING 0 OF RPCN 32-0, AND THE FOURTH IS PLACED AT THE OUTPUT OF RING 0 OF THE HIGHEST EQUIPPED NODE OF GROUPS 32-63. ALL OTHER INTERFRAME BUFFERS REQUIRED DUE TO CABLE LENGTH LIMITATIONS ARE IFB'S (L-10).\$
- 55. RESERVED.
- 56. JOB SPEC MUST SPECIFY NUMBER OF LN EQUIPPED WITH L-12 \$ OR L-13. CKT PACK POSITION MUST ALSO BE SPECIFIED. \$
- 57. LIST 11, OR 18 OR 25 OR 26 AND LISTS 4 THRU 8 ARE MUTUALLY EXCLUSIVE. LIST 11 OR 26 IS REQUIRED FOR 1PSS APPLICATIONS WHILE LIST 25 IS REQUIRED FOR AUTOPLEX APPLICATIONS; HOWEVER, MANY AUTOPLEX APPLICATIONS OF LOWER MDL CAPACITY HAVE BEEN EQUIPPED WITH LIST 11. LIST 18 IS FOR SADC NODES FOR 4E-ATT/NSD APPLICATIONS.
- 58. ANY LIST FROM AMONG LISTS 14 THRU 17 MAY BE SPECIFIED IN ADDITION TO LISTS 11 OR 18 OR 25 OR 26. THE MAX NUMBER OF ANY COMBINATION OF LISTS 14 THRU 17 IS SIX (6). NONE OF THESE LISTS ARE REQUIRED WHEN L-18 IS USED W/THE PCR FEATURE (L-30).
- 59. TABLE E INTENDED AS A QUICK REFERENCE FOR LISTS REQD FOR VARIOUS APPLICATIONS; HOWEVER, FOR SPECIFIC ORDERING INFORMATION USE TABLE A.
- 60. ANY NODE ON THIS UNIT MAY BE A CCS6 (ANALOG), CCS7 (DIGITAL), FOUR PORT LI (SADC), OR PSU TYPE DEPENDING ON THE APPLICATION.
- 61. IN 4E/NSD APPLICATIONS, EACH SADC NODE MAYBE EQUIPPED WITH ONE OR TWO L-18. ONE L-16 MUST BE PROVIDED FOR EACH L-18. IN A-I-NET STP APPLICATIONS ONLY ONE L-18 IS REQUIRED PER NODE.
- 62. INFORMATION ENCLOSED IN \$ IS CONSIDERED LINED OUT.
- 63. LIST P TOGETHER WITH LIST K (UN123B) AND GENERIC IMS 3.2 OR LATER ARE REQUIRED TO PROVIDE THE TOKEN TRACKING FEATURE. TOKEN TRACKING IS ALSO PROVIDED WHEN LIST \$19\$ 22 (IRN) IS SPECIFIED.
- 64. GENERIC IMS 3.1 OR LATER MUST BE PROVIDED TO ALLOW FOR THE IRN APPLICATION TO BE OPERATIONAL. GENERIC 2STP3 MUST BE USED FOR 2STP AND 2ASTP APPLICATIONS.
- 65. THE LONG MESSAGE FEATURE ON SSI NODES (NP,R10 AND R11 PACKS) REQUIRES, IN ADDITION TO LIST WA, PROVISION OF LIST J (OPTION P CIRCUIT PACK MC-3F012A1) AND LIST K (OPTION M CIRCUIT PACKS UN122B AND UN123B) OR LIST P (OPTION D CIRCUIT PACKS UN122C AND UN123B). ON IRN NODES ONLY LIST WA IS REQUIRED. WHEN THE

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

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RW99
 SIGNALING AND PACKET
 SWITCHING SYSTEMS
 SPECIFICATION FOR
 LINK NODE UNIT A
 MOUNTED ON RING NODE FRAME

DWG SIZE C2 ISSUE 61

| TABLE A-FEATURES | | | | | | | | | | | |
|--|----------|---------|---------------|---------------------------|----------------------|------------------|------------------|---------------|-----------|-----|-----|
| EQUIPMENT | | RAT-ING | LIST OR GROUP | EQUIPMENT OR CIRCUIT DATA | | | | SD EQUIVALENT | | | |
| DESCRIPTION | REF NOTE | | | QTY | EQUIPMENT OR CIRCUIT | L/G OR FIG | WRG | APP | SCHEMATIC | FIG | OPT |
| ASSEMBLY, WIRING AND EQUIPMENT REQUIRED FOR ONE LINK NODE UNIT A (LEFT TO RIGHT) ARRANGED FOR THREE LINK NODES AND PARTIALLY EQUIPPED WITH ONE LINK NODE. (SEE NOTE 52) | | | 1 | 1 | T*3F009-11 | 1, H3 (1) | | Q, N | | | |
| EQUIPMENT REQD IN ADDITION TO L-1 TO PROVIDE FOR THE SECOND PARTIALLY EQPD LINK NODE. | | | 2 | 1 | T*3F009-11 | 2 (2) | | Q, N | | | |
| EQUIPMENT REQD IN ADDITION TO L-1 TO PROVIDE FOR THE THIRD PARTIALLY EQPD LINK NODE. | | | 3 | 1 | T*3F009-11 | 3 (3) | | Q, N | | | |
| EQUIPMENT REQD IN ADDITION TO L-1, L-2 OR L-3 TO FULLY EQUIP THE 1ST, 2ND OR 3RD LINK NODE AND ARRANGE IT FOR NON-ENCRYPTED 2400/4800 BPS OPERATION. (MAX. 3 LISTS 4 THRU 8; ANY COMBINATION) (SEE NOTE 53) FE: NONE EFF. DATE: 2-15-96 | | DA | 4 | 1 | T*3F009-11 | 4 | | Z | | | |
| EQUIPMENT REQD IN ADDITION TO L-1, L-2 OR L-3 TO FULLY EQUIP THE 1ST, 2ND OR 3RD LINK NODE AND ARRANGE IT FOR NON-ENCRYPTED 4800 BPS OPERATION. (MAX. 3 LISTS 4 THRU 8; ANY COMBINATION) (SEE NOTE 53) | | DA | 5 | 1 | T*3F009-11 | 4 | | Y | | | |
| EQUIPMENT REQD IN ADDITION TO L-1, L-2 OR L-3 TO FULLY EQUIP THE 1ST, 2ND OR 3RD LINK NODE AND ARRANGE IT FOR NON-ENCRYPTED 56K BPS OPERATION. (MAX. 3 LISTS 4 THRU 8; ANY COMBINATION) (SEE NOTE 53) | | | 6 | 1 | T*3F009-11 | 4 | | X | | | |
| EQUIPMENT REQD IN ADDITION TO L-1, L-2 OR L-3 TO FULLY EQUIP THE 1ST, 2ND OR 3RD LINK NODE AND ARRANGE IT FOR ENCRYPTED 4800 BPS OPERATION. (MAX. 3 LISTS 4 THRU 8; ANY COMBINATION) (SEE NOTE 53) (THIS LIST IS RESTRICTED TO AT&T-NOG CUSTOMERS ONLY). | | DA | 7 | 1 | T*3F009-11 | 4 | | W | | | |
| EQUIPMENT REQD IN ADDITION TO L-1, L-2 OR L-3 TO FULLY EQUIP THE 1ST, 2ND OR 3RD LINK NODE AND ARRANGE IT FOR ENCRYPTED 56K BPS OPERATION. (MAX. 3 LISTS 4 THRU 8; ANY COMBINATION) (SEE NOTE 53) (THIS LIST IS RESTRICTED TO AT&T-NOG CUSTOMERS ONLY). FE: NONE EFF. DATE: 12-14-98 | | DA | 8 | 1 | T*3F009-11 | 4 | | V | | | |
| EQUIPMENT REQD IN ADDITION TO L-1 TO PROVIDE THE PADDED INTER FRAME BUFFER CKT PACK (SEE NOTE 54) | | DA | 9 | 1 | T*3F009-11 | 5 | | U | | | |
| EQUIPMENT REQD IN ADDITION TO L-1 TO PROVIDE THE INTER FRAME BUFFER CKT PACK (SEE NOTE 54) | | | 10 | 1 | T*3F009-11 | 5 | | T | | | |
| EQUIPMENT REQD IN ADDITION TO L-1, L-2 OR L-3 TO EQUIP THE MDL CIRCUIT PACK (TN1317) FOR 1PSS-R4 \$OR AUTOPLEX\$ APPLICATIONS - (MAX 2 L11/NODE, 6 L-11 PER UNIT) (SEE NOTE 57) | | DA | 11 | 1 | T*3F009-11 | 6 | | ZF | | | |
| ALWAYS REQUIRED IN ADDITION TO L-1, L-2 OR L-3 ON ISSUE 10 OR LATER OF THIS DWG (PROVIDES INCREASED NODE PROCESSOR MEMORY) MAX 3 L-12/UNIT. (SEE NOTE 56). | | DA | 12 | 1 | T*3F009-11 | (1), (2), OR (3) | | R | | | |
| | | | | OMIT | 1 | T*3F009-11 | (1), (2), OR (3) | R | | | |
| | | | | | | | | Q | | | |

TABLE-A CONTINUED

| TABLE A-FEATURES (CONTINUED) | | | | | | | | | | | |
|---|----------|---------|---------------|---------------------------|----------------------|---------------------|-----|---------------|-----------|-----|-----|
| EQUIPMENT | | RAT-ING | LIST OR GROUP | EQUIPMENT OR CIRCUIT DATA | | | | SD EQUIVALENT | | | |
| DESCRIPTION | REF NOTE | | | QTY | EQUIPMENT OR CIRCUIT | L/G OR FIG | WRG | APP | SCHEMATIC | FIG | OPT |
| \$ ALWAYS REQUIRED IN ADDITION TO L-1, L-2 OR L-3 ON ISSUE 10 OR LATER OF THIS DWG TO PROVIDE INCREASED NP MEMORY WITH 2.4K OR 4.8K OPERATION {PROVIDES TN922 CKT PACK} MAX. 3 L-13/UNIT (SEE NOTE 56).\$ | | DA | 13 | 1 | T*3F009-11 | (1), (2), OR (3) | | R | | | |
| EQUIPMENT REQD IN ADDITION TO L-11 OR L-18 OR L-25 OR L-26 TO PROVIDE TWO RS232 AND TWO V.35 PORTS. (SEE NOTE 58) FE: NONE EFF. DATE: 11-1-93 | | DA | 14 | 1 | T*3F009-11 | 7 | | R | | | |
| EQUIPMENT REQD IN ADDITION TO L-11 OR L-18 OR L-25 OR L-26 TO PROVIDE FOUR RS232 PORTS. (SEE NOTE 58) | | | 15 | 1 | T*3F009-11 | 8 | | R | | | |
| EQUIPMENT REQD IN ADDITION TO L-11 OR L-18 OR L-25 OR L-26 TO PROVIDE FOUR RS449 PORTS. (SEE NOTE 58) | | | 16 | 1 | T*3F009-11 | 9 | | Q | | | |
| EQUIPMENT REQD IN ADDITION TO L-11 OR L-18 OR L-25 TO PROVIDE FOUR V.35 PORTS. (SEE NOTE 58) (REPLACED BY L-29) | | DA | 17 | 1 | T*3F009-11 | 10 | | Q | | | |
| REQD IN ADDITION TO L-1 OR L-2 OR L-3 TO EQUIP THE LI48 CKT PACK. USE W/SADC FEATURE IN 4E/NSD OR W/ PCR FEATURE IN A-I-NET STP (MAX 2 L-18/NODE, 6 L-18/UNIT IN 4E/NSD; MAX 1 L-18/NODE, 3 L-18/UNIT IN A-I-NET STP) (SEE NOTES 58, 60, 61). | | | 18 | 1 | T*3F009-11 | 11 | | | | | |
| REQD IN ADDITION TO L-J AND L-K TO PROVIDE THE IRN PACK. (SEE NOTE 64). (REPLACED BY L-22) | | DA | 19 | 1 | T*3F009-11 | 12 (1), (2), OR (3) | | ZD | | | |
| REQD IN ADDITION TO L-1 TO PROVIDE THE 4K PADDED INTERFRAME BUFFER CKT PACK FOR LONG MESSAGE OPERATION. (REPLACED BY L-23) | | DA | 20 | 1 | T*3F009-11 | 13 | | A | | | |
| REQD IN ADDITION TO L-6 OR L-8 TO PROVIDE FOR V.35 INTERFACE AT THE RING. (14A INTERFACE ADAPTER) | | | 21 | 1 | T*3F009-11 | 14 | | | | | |
| REQUIRED IN ADDITION TO L-J & L-K TO PROVIDE THE 8MHZ IRN PACK. MAX 3 L-22/UNIT. (REPLACES L-19) (SEE NOTE 70) (REPLACED BY L28). | | DA | 22 | 1 | T*3F009-11 | 12 (1), (2), OR (3) | | ZC | | | |
| REQUIRED IN ADDITION TO L-1 TO PROVIDE THE PIFB 4K-8MHZ CIRCUIT PACK. (REPLACES L-20) (SEE NOTE 71) (REPLACED ON A CL:A BASIS BY L-33) | | DA | 23 | 1 | T*3F009-11 | 13 | | ZB | | | |

TABLE-A CONTINUED

| | |
|--|-------------|
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| RW99 | |
| SIGNALING AND PACKET SWITCHING SYSTEMS SPECIFICATION FOR LINK NODE UNIT A MOUNTED ON RING NODE FRAME | |
| DWG SIZE C2 | ISSUE 61 |
| LUCENT TECHNOLOGIES INC J3F011AB-1 | |
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| TABLE A-FEATURES (CONTINUED) | | | | | | | | | | | | |
|--|-------------|------------|-------------------------------|---------------|---------------------------|------------|-----------|-----|-----------|---------------|-----|--|
| EQUIPMENT | | REF NOTE | RAT-ING | LIST OR GROUP | EQUIPMENT OR CIRCUIT DATA | | | | | SD EQUIVALENT | | |
| DESCRIPTION | QTY | | | | EQUIPMENT OR CIRCUIT | L/G OR FIG | WRG | APP | SCHEMATIC | FIG | OPT | |
| REQUIRED IN ADDITION TO L-1 TO PROVIDE THE IFB 16 BYTE-8MHZ PACK. (SEE NOTE 72) | 1 | T*3F009-11 | 13 | | ZA | | | | | | | |
| REQUIRED IN ADDITION TO L-1,L-2 OR L-3 TO EQUIP THE HIGH CAPACITY MDL CIRCUIT PACK FOR AUTOPLEX APPLICATIONS. (MAX. 2 L-25 PER NODE, 6 L-25 PER UNIT) (SEE NOTE 57). | 1 | T*3F009-11 | 15 | | | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO L-1,L-2 OR L-3 TO EQUIP THE FASTER/INCREASED CAPACITY MDL CKT PACK (TN1317B) FOR 1PSS APPLICATIONS. (MAX.2 L-26/NODE, 6 L-26/UNIT). (SEE NOTES 57 & 58) | 1 | T*3F009-11 | 6 | | ZG | | | | | | | |
| RESERVED | | | | | | | | | | | | |
| REQUIRED IN ADDITION TO L-J & L-K TO PROVIDE THE 8MHZ IRN CIRCUIT PACK (UN303B/MC3F026A1) (SEE NOTE 70,75)(REPLACES L22) | 1 OMIT 1 | T*3F009-11 | (1) OR (2) OR (3) | | ZK M,P | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO L-11,L-18,L-25 OR L-26 TO PROVIDE FOUR V.35 PORTS EACH WITH LOCAL LOOP-BACK AND REMOTE LOOP-BACK CAPABILITY. (SEE NOTES 58,79). (REPLACES L-17) | | | | | | SD3F009-01 | 10 | ZM | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO L-18 TO PROVIDE THE V.35 INTERFACE CAPABILITY FOR ONE PORT USED WITH THE PREVENTIVE CYCLIC RETRANSMISSION (PCR) FEATURE. (MAX 3 L-30 PER UNIT) (SEE NOTE 77)(A-I-NET STP) | 1 | | | | | SD3F009-01 | 17 | ZN | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO L-1,L-2 OR L-3 TO PROVIDE THE LIDO CKT PACK (MC3F027A1/TN1669). USED WITH THE DIGITAL SIGNAL ZERO-A (DSO-A) FEATURE. (MAX 3 L-31 PER UNIT) (SEE NOTE 77)(A-I-NET STP) | 1 | | | | | SD3F009-01 | 18 | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO L-1 OR L-2 OR L-3 TO PROVIDE THE LIDO CKT PACK (MC3F027A1/TN1669) AND SINGLE PORT V.35 (982YB) REQUIRED WHEN NODE IS ARRANGED FOR IMPROVED PROCESSOR OUTAGE FEATURE (PRO). (MAX 3 L-32/UNIT)(SEE NOTE 78) (A-I-NET STP). | | | | | | SD3F009-01 | 17, 18 | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO L-1 TO PROVIDE THE 4K-8MHZ PIFB CKT PACK (SEE NOTE 71) (REPLACES L-23 ON A CL: A BASIS). | 1 | | | | | SD3F009-01 | 13 | ZQ | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO L-J & L-K TO PROVIDE THE IRN2 CKT PACK.(UN304/MC3F024A1B) (L-28 & L-34 ARE MUTUALLY EXCLUSIVE) | 1 OMIT 1 | T*3F009-11 | (1) OR (2) OR (3) | | M,P | SD3F009-01 | 19 | | | | | |
| REQUIRED IN ADDITION TO L-1, OR L-2, OR L-3 TO PROVIDE THE LIE-56K CKT PACK (MC3F029A1) EQUIPPED W/THE PROCESSOR OUTAGE FEATURE. (PRO-LIE) (MAX 3 L-35) (SEE NOTE 80) FE: NONE EFF. DATE: 12-14-98 | 1 | | | | | SD3F009-01 | 4 | ZR | | | | |
| EQUIPMENT REQUIRED IN TO L-1, L-2 OR L-3 TO PROVIDE THE LINE-56K CKT PACK (MC3F030A1) EQUIPPED WITH THE PROCESSOR OUTAGE FEATURE. (PRO-LINE). (MAX. 3 L-36) (SEE NOTE 81) | 1 | | | | | SD3F009-01 | ZS | | | | | |

TABLE-A CONTINUED

J3F011AB-1

| TABLE A-FEATURES (CONTINUED) | | | | | | | | | | | | |
|---|-------------|------------|-------------------------------|---------------|---------------------------|------------|-----|-----|------------|---------------|-----|--|
| EQUIPMENT | | REF NOTE | RAT-ING | LIST OR GROUP | EQUIPMENT OR CIRCUIT DATA | | | | | SD EQUIVALENT | | |
| DESCRIPTION | QTY | | | | EQUIPMENT OR CIRCUIT | L/G OR FIG | WRG | APP | SCHEMATIC | FIG | OPT | |
| EQUIPMENT REQUIRED IN ADDITION TO L-1, L-2 OR L-3 TO PROVIDE THE LIDO CIRCUIT PACK (MC3F027A1/TN1669) AND SINGLE PORT RS449 (982TW). (MAX. 3 L-37/UNIT) (2STP-NSD). | 1 | | | | | | | | SD3F009-01 | 18, 20 | | |
| EQUIPMENT REQUIRED IN ADDITION TO L-34 TO PROVIDE THE AP30' PACK (MC3F031A1) FOR CDN2 OPERATION IN APX1000 APPLICATION ONLY. | 1 | | DA | 38 | | | | | SD3F009-01 | 21 | | |
| EQPT REQ'D IN ADD'N TO L-J & L-K TO PROVIDE THE RING INTERFACE BOARD (RIB) CKT PACK FOR THE UNIVERSAL LINK NODE FEATURE (ULN). (MAX 3 L-39). | 1 OMIT 1 | T*3F009-11 | (1) OR (2) OR (3) | | M,P M,P M,P | | | | SD3F009-01 | 22 | | |
| EQPT REQ'D IN ADD'N TO L-39 TO PROVIDE THE T1 INTERFACE BOARD (T1IB) CKT PACK FOR THE UNIVERSAL LINK NODE (ULN) FEATURE WHEN A HIGH SPEED LN (1.544 MB/SEC) IS REQ'D. (MAX. 3 L-40) | 1 | | | 40 | | | | | SD3F009-01 | 23 | | |
| ASSEMBLY, WIRING & EQUIPMENT REQUIRED FOR ONE LN UNIT A INTENDED TO MOUNT ON A RING NODE CABINET (J3F011E-40, CAB POS 2 & 5) OR J3F011J-1, CAB POS 2 & 6) IN AUTOPLEX APPLICATIONS. SPECIFY WITH L-101 THRU 106, L-110, L-130 OR L-150H THRU 152H | 1 | | | 100 | | | | | | | | |
| EQPT REQ'D IN ADDITION TO L-100 WHEN UNIT WILL MOUNT ON RING NODE CABINET IN AUTOPLEX CONFIGURATIONS (J3F011J-1). (DSN OR ICN TYPE NODE: 1 IRN,1 MDL). | 1 | | | 101 | | | | | | | | |
| EQPT REQ'D IN ADDITION TO L-100 WHEN UNIT WILL MOUNT ON RING NODE CABINET IN AUTOPLEX CONFIGURATIONS (J3F011J-1). (CSN TYPE NODE: 1 IRN,2 MDL). | 1 | | | 102 | | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO L-100 WHEN UNIT WILL MOUNT ON RING NODE CABINETS IN AUTOPLEX CONFIGURATIONS (J3F011J-1), (CSNE TYPE NODE: 1 IRN2, 2MDL) | 1 | | | 102A | | | | | | | | |
| EQPT REQ'D IN ADDITION TO L-100 WHEN UNIT WILL MOUNT ON RING NODE CABINET IN AUTOPLEX CONFIGURATIONS (J3F011J-1). (CCS7 TYPE NODE: 1 IRN,1 LI4S, 1 982YB) | 1 | | | 103 | | | | | | | | |

TABLE-A CONTINUED

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RW99

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SPECIFICATION FOR
LINK NODE UNIT A
MOUNTED ON RING NODE FRAME

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SHEET A5
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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 UNIT WILL MOUNT ON A RING NODE CABINET IN AUTOPLEX CONFIGURATIONS. (J3F011J-1, J3F011E-1 OR J3F011E-40) IRN2/CCST TYPE NODE 1 IRN2, 1LI4S, 1982YB | 500 | | 103A | 1 | | | | | | | |
| EQPT REQ'D IN ADDITION TO L-100 WHEN UNIT WILL MOUNT ON RING NODE CABINET IN AUTOPLEX CONFIGURATIONS (J3F011J-1). (DSN OR ICN TYPE NODE: 1 IRN,1 MDL). | 86 | | 104 | 1 | | | | | | | |
| EQPT REQ'D IN ADDITION TO L-100 WHEN UNIT WILL MOUNT ON RING NODE CABINET IN AUTOPLEX CONFIGURATIONS (J3F011J-1). (CSN TYPE NODE: 1 IRN,2 MDL). | | | 105 | 1 | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO L-100 WHEN UNIT WILL MOUNT ON RING NODE CABINETS IN AUTOPLEX CONFIGURATIONS (J3F011J-1), (CSNE TYPE NODE: 1 IRN2, 2MDL, 495FA) | | | 105A | 1 | | | | | | | |
| EQPT REQ'D IN ADDITION TO L-100 WHEN UNIT WILL MOUNT ON RING NODE CABINET IN AUTOPLEX CONFIGURATIONS (J3F011J-1). (CCS7 TYPE NODE: 1 IRN,1 LI4S, 1 982YB) | | | 106 | 1 | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO LIST 100 WHEN UNIT WILL MOUNT ON A RING NODE CABINET IN AUTOPLEX CONFIGURATIONS. (J3F011J-1, J3F011E-1 OR J3F011E-40) IRN2/CCS7 TYPE NODE 1 IRN2, 1 LI4S, 1 982YB, 1 495FA | 500 | | 106A | 1 | | | | | | | |
| EQPT REQ'D IN ADDITION TO L-100 WHEN UNIT WILL MOUNT ON RING NODE CABINET IN AUTOPLEX CONFIGURATIONS (J3F011J-1). (CSN TYPE NODE: 1 IRN,2 MDL). | | | 107 | 1 | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO L-100 WHEN UNIT WILL MOUNT ON RING NODE CABINETS IN AUTOPLEX CONFIGURATIONS (J3F011J-1), (CSNE TYPE NODE: 1 IRN2, 2MDL, 1 495FA) | | | 107A | 1 | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO L-100 WHEN LN UNIT A WILL MOUNT ON AUTOPLEX BASIC CONFIGURATION CABINETS RN00 OR RN32 ON CABINET POSITION 5. (UNIT IS EQUIPPED WITH ONE CSN NODE) (J3F011E-40) | | | 110 | 1 | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO L-100 WHEN "LN UNIT A" WITH CDN2 WILL MOUNT ON AUTOPLEX BASIC CONFIGURATION CABINETS IN CABINET POS. 2, OR GROWTH CONFIGURATION CABINETS IN POS. 0, 1, 3 OR 4. FE/RA: LIST 120J EFF. DATE: 4-18-97 | | DA | 120 | 1 | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO L-100 WHEN "LN UNIT A" WITH CDN2X E/W 80MB OF MEMORY WILL MOUNT IN AUTOPLEX BASIC CONFIGURATION CABINETS IN CABINET POS. 2 OR GROWTH CONFIGURATION CABINETS IN POS. 0, 1, 3 OR 4. FE/RA: LIST 120J EFF. DATE: 5-15-00 | | DA | 120A | 1 | | | | | | | |

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 REQUIRED IN ADDITION TO L-100 WHEN "LN UNIT A" WITH CDN2X E/W 112MB OF MEMORY WILL MOUNT IN AUTOPLEX BASIC CONFIGURATION CABINETS IN CABINET POS. 2 OR GROWTH CONFIGURATION CABINETS IN POS. 0, 1, 3 OR 4. FE/RA: LIST 120J EFF. DATE: 5-15-00 | | DA | 120B | 1 | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO L-100 WHEN "LN UNIT A" WITH CDN2X E/W 144MB OF MEMORY WILL MOUNT IN AUTOPLEX BASIC CONFIGURATION CABINETS IN CABINET POS. 2 OR GROWTH CONFIGURATION CABINETS IN POS. 0, 1, 3 OR 4. FE/RA: LIST 120J EFF. DATE: 5-15-00 | | DA | 120C | 1 | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO L-100 WHEN "LN UNIT A" WITH CDN2X E/W 176MB OF MEMORY WILL MOUNT IN AUTOPLEX BASIC CONFIGURATION CABINETS IN CABINET POS. 2 OR GROWTH CONFIGURATION CABINETS IN POS. 0, 1, 3 OR 4. FE/RA: LIST 120J EFF. DATE: 5-15-00 | | DA | 120D | 1 | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO L-100 WHEN "LN UNIT A" WITH CDN2X E/W 208MB OF MEMORY WILL MOUNT IN AUTOPLEX BASIC CONFIGURATION CABINETS IN CABINET POS. 2 OR GROWTH CONFIGURATION CABINETS IN POS. 0, 1, 3 OR 4. FE/RA: LIST 120J EFF. DATE: 5-15-00 | | DA | 120E | 1 | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO LIST 100 WHEN "LN UNIT A" WITH CDN3 WILL MOUNT IN AUTOPLEX BASIC CONFIGURATION CABINETS IN CABINET POS 2 OR IN GROWTH CONFIGURATION CABINETS IN POS 0, 1, 3 OR 4. | 500 | | 120J | 1 | | | | | SD3F009-01 | 24 | |
| EQUIPMENT REQUIRED IN ADDITION TO L-100 WHEN "LN UNIT A" IS REQUIRED WITH AN IUN EQUIPPED IN THE RIGHT MOST NODE POSITION, FOR USE IN GROWTH CONFIGURATION CABINETS IN POS. 0, 1, 3 OR 4. | | | 121 | 1 | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO L-100 WHEN LN UNIT A IS INTENDED FOR FIELD MOUNTING ON AUTOPLEX GROWTH CONFIGURATION CABINETS RN01, RN29, RN31, RN33, RN61 OR RN63 ON CABINET POSITION 0 OR 2 (J3011E-40) OR FOR FIELD OR SHOP MOUNTING ON AUTOPLEX GROWTH CONFIGURATION CABINETS RN01, RN02, RN31, RN33, RN34 OR RN63 ON CABINET POSITION 1 OR 4 OR 6 (J3F011J-1) | | | 130 | 1 | | | | | | | |

TABLE-A CONTINUED

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RW99

SIGNALING AND PACKET
SWITCHING SYSTEMS
SPECIFICATION FOR
LINK NODE UNIT A
MOUNTED ON RING NODE FRAME

DWG SIZE
C2

ISSUE
61

J3F011AB-1

LUCENT TECHNOLOGIES INC J3F011AB-1

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OF 37

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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-100 WHEN LN UNIT A WITH CDN2 WILL MOUNT ON AUTOPLEX GROWTH CONFIGURATION CABINETS RN01, ETC. ON CABINET POS. 2. FE/RA: LIST 140J EFF. DATE: 4-18-97 | | DA | 140 | 1 | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO L-100 WHEN "LN UNIT A" WITH CDN2X E/W 80MB OF MEMORY WILL MOUNT IN AUTOPLEX GROWTH CONFIGURATION CABINETS RN01, ETC IN POS. 2. FE/RA: LIST 140J EFFECTIVE DATE: ? | | DA | 140A | 1 | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO L-100 WHEN "LN UNIT A" WITH CDN2X E/W 112MB OF MEMORY WILL MOUNT IN AUTOPLEX GROWTH CONFIGURATION CABINETS RN01, ETC IN POS. 2. FE/RA: LIST 140J EFF. DATE: ? | | DA | 140B | 1 | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO L-100 WHEN "LN UNIT A" WITH CDN2X E/W 144MB OF MEMORY WILL MOUNT IN AUTOPLEX GROWTH CONFIGURATION CABINETS RN01, ETC IN POS. 2. FE/RA: LIST 140J EFF. DATE: 5-15-00 | | DA | 140C | 1 | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO L-100 WHEN "LN UNIT A" WITH CDN2X E/W 176MB OF MEMORY WILL MOUNT IN AUTOPLEX GROWTH CONFIGURATION CABINETS RN01, ETC IN POS. 2. FE/RA: LIST 140J EFF. DATE: ? | | DA | 140D | 1 | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO L-100 WHEN "LN UNIT A" WITH CDN2X E/W 208MB OF MEMORY WILL MOUNT IN AUTOPLEX GROWTH CONFIGURATION CABINETS RN01, ETC IN POS. 2. FE/RA: LIST 140J EFF. DATE: 5-15-00 | | DA | 140E | 1 | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO LIST 100 WHEN "LN UNIT A" WITH CDN3 WILL MOUNT IN AUTOPLEX GROWTH CONFIGURATION CABINETS RN01, ETC IN POS 2. | 500 | | 140J | 1 | | | | | SD3F009-01 | 24 | |
| EQUIPMENT REQUIRED IN ADDITION TO LIST 100 WHEN LEFT NODE POSITION IS EQUIPPED AS AN EIN. (IRN2, ELI, 9822EB & ED3F004-31, GRP 155 CABLE ASSY) (AUTOPLEX) (FACTORY INSTALLED) | 85 | | 150H | 1 | | | | | SD3F009-01 | 25 | |
| EQUIPMENT REQUIRED IN ADDITION TO LIST 100 WHEN MIDDLE NODE POSITION IS EQUIPPED AS AN EIN. (IRN2, ELI, 9822EB & ED3F004-31, GRP 155 CABLE ASSY) (LIST AA MAY BE ALSO BE NEEDED.) (FLEXENT) (FACTORY INSTALLED) | 85 | | 151H | 1 | | | | | SD3F009-01 | 25 | |
| EQUIPMENT REQUIRED IN ADDITION TO LIST 100 WHEN RIGHT NODE POSITION IS EQUIPPED AS AN EIN. (IRN2, ELI, 9822EB & ED3F004-31, GRP 155 CABLE ASSY) (LIST AB MAY ALSO BE NEEDED) (AUTOPLEX) (FACTORY INSTALLED) | 85 | | 152H | 1 | | | | | SD3F009-01 | 25 | |
| EQUIPMENT REQUIRED FOR FIELD MODIFICATION TO EQUIP NODE AS AN EIN. (IRN2, ELI, 9822EB & ED3F004-31, GRP 155 CABLE ASSY) (AUTOPLEX) (FIELD INSTALLED) | 85 | | 153H | 1 | | | | | SD3F009-01 | 25 | |
| TABLE-A CONTINUED | | | | | | | | | | | |

J3F011AB-1

| 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 WHEN THE MIDDLE NODE IS EQUIPPED AS A CDN3. (PROVIDES AN IRN2 & AP60) | 85 500 | | 160J | 1 | | | | | | | |
| EQUIPMENT REQD IN ADDITION TO LIST 1 WHEN LIST 2 IS NOT SPECIFIED. (PROVIDES JUMPER CABLES AT THE UNEQUIPPED LINK TO THE RING BUS CONNECTION TO THE IFB) | | DA | A | 1 | T*3F009-11 | H7 | | | | | |
| REQUIRED IN ADDITION TO L-1 WHEN UNIT IS MOUNTED DIRECTLY ABOVE THE 3BI UNIT POSITION ON FRAME. (OMITS LOCAL CABLES PROVIDED TO CONNECT TO LN UNIT B) {REQD FOR #2 STP APPLICATIONS} | | | B | OMIT 1 | T*3F009-11 | H3 | | | | | |
| REQUIRED IN ADDITION TO L-1 WHEN UNIT IS EQPD ON FR/CAB AND NO UNIT IS PROVIDED BELOW IT (OMITS GRD STRAPS INTERCONNECTING UNITS). | | | C | | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO LIST 1 FOR CNI AND 1PSS APPLICATIONS. {OMITS LOCAL CABLES & ORDERS 127C APP MOUNTINGS}. | | | D | OMIT 1 | T*3F009-11 | H3 | | | | | |
| REQD IN ADDITION TO LIST 1 WHEN UNIT MOUNTS ON CNI RN CABINET J3F011C-1. (5ESS TYPE) | | DA | E | | | | | | | | |
| REQD IN ADDITION TO LIST 1 WHEN UNIT MOUNTS ON CNI OR 1PSS CABINET/FRAME {J3F011D-1 & E-1 (3B TYPE), F-1 (FR)}. | | DA | F | | | | | | | | |
| EQUIPMENT REQD IN ADDITION TO 1ST L-11 OR 1ST L25 OR 1ST L26 (PROVIDES HARDWARE FOR MDL BOARDS AND NEW DESIGNATION STRIP LABELS) ONE L-G PER UNIT. (1PSS-R4 OR AUTOPLEX) | | | G | | | | | | | | |
| REQD IN ADDITION TO FIRST L-18 (PROVIDES HARDWARE FOR SADC NODE(S) ONE L-H/UNIT.) | | DA | H | | | | | | | | |
| ALWAYS REQD IN ADDITION TO L-1, L-2 OR L-3 ON ISS. 15 OR LATER OF THIS DWG (PROVIDES THE MC-3F012A1 PACK). | | | J | 1 | T*3F009-11 | (1), (2), OR (3) | | P | | | |
| | | | | OMIT 1 | T*3F009-11 | (1), (2), OR (3) | | Q OR R | | | |
| ALWAYS REQD IN ADDITION TO L-1, L-2 OR L-3 ON ISS. 17 OR LATER OF THIS DRAWING. | | | K | 1 | T*3F009-11 | (1), (2), OR (3) | | M | | | |
| | | | | OMIT 1 | T*3F009-11 | (1), (2), OR (3) | | N | | | |
| TABLE-A CONTINUED | | | | | | | | | | | |

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RW99

SIGNALING AND PACKET SWITCHING SYSTEMS SPECIFICATION FOR LINK NODE UNIT A MOUNTED ON RING NODE FRAME

DWG SIZE C2 ISSUE 61

LUCENT TECHNOLOGIES INC J3F011AB-1 SHEET A7 OF 37

| 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 | |
| REQD IN ADDITION TO L-G FOR AUTOPLEX APPLICATIONS ONLY (PROVIDES DESIG STRIP LABELS). | | DA | L | | | | | | | | | |
| REQD IN ADDITION TO FIRST \$L-19 L-22\$ L-28 OR 34 TO PROVIDE THE DESIGN STRIP FOR IRN/LN NODES WITH L1 PACKS. (SEE NOTE 69). | | | M | | | | | | | | | |
| REQD IN ADDITION TO L-G AND FIRST \$L-19,L-22\$ L-28 AND L-25 TO PROVIDE THE DESIG STRIPS REQUIRED FOR AUTOPLEX 1000 WITH IRN APPLICATIONS. (SEE NOTE 69). | | | N | | | | | | | | | |
| REQUIRED IN ADDITION TO LIST K WHEN \$L-19,L-22\$ L-28 OR L-34 IS NOT SPECIFIED.(MAX 3 LIST P/UNIT (PROVIDES UNL22C & UNL23B CIRCUIT PACKS)(SEE NOTE 6 & 63) FE/RA: NONE EFF. DATE: 1-17-97 | | DA | P | 1 | T*3F009-11 | (1), (2), OR (3) | | D | | | | |
| | | | | OMIT 1 | T*3F009-11 | (1), (2), OR (3) | | M | | | | |
| REQUIRED IN ADDITION TO \$L-19, L-22\$ L-28,34 OR 39 TO CONVERT AN SSI NODE TO IRN OR ULN. (PROVIDES STRAPPING BETWEEN IRN AND NF POSITIONS IN FORMED CABLE). MAX 3 LIST R/UNIT. (SEE NOTE 66) | | | R | 1 | T*3F009-11 | (12) | HA | | | | | |
| ALWAYS REQUIRED IN ADDITION TO LIST 1 ON ISSUE 30 OR LATER OF THIS DRAWING. (PROVIDES ADDITIONAL PROGRAMMING RESISTORS TO PREVENT CONVERTER SHUTDOWN) | | | S | 1 | T*3F009-11 | (1, 3) | | ZE | | | | |
| RESERVED | | | T | | | | | | | | | |
| REQUIRED IN ADDITION TO L-G TO PROVIDE DESIGNATION STRIP LABELS FOR 1PSS APPLICATIONS USING IRN CIRCUIT PACKS. (MC3F026A1)(1PSS W/IRN) | | DA | U | | | | | | | | | |
| KIT REQUIRED TO UPGRADE THE MC3F022A1 CKT PACK TO MC3F029A1 FOR FIELD APPLICATIONS ONLY FOR THE PRO-LIE FEATURE. (SEE NOTE 80) | | | V | 1 | | | | | | | | |
| KIT REQUIRED TO UPGRADE THE MCF003A1 CKT PACK TO MC3F030A1 FOR FIELD APPLICATIONS ONLY FOR THE PRO-LINE FEATURE. (SEE NOTE 81) | | | W | 1 | | | | | | | | |
| KIT REQUIRED TO CONVERT THE ENCRYPTED MC3F022A1 OR MC3F029A1 TO NON-ENCRYPTED PACKS FOR FIELD APPLICATIONS. (ENCRYPTION REMOVED; PRO-LIER).(SEE NOTE 82) | | | X | 1 | | | | | | | | |
| ALWAYS REQUIRED IN ADDITION TO L-100 TO REMOVE THE PROGRAMMING RESISTORS AND RETAINERS. | | | Y | | | | | | | | | |
| KIT REQUIRED TO INCREASE THE MEMORY OF THE TN1720A - D CIRCUIT PACKS IN 32MB INCREMENTS FOR AUTOPLEX CDN II X. FIELD MODIFICATION ONLY. (SEE NOTE 84) | | | Z | 1 | | | | | | | | |
| REQUIRED IN ADDITION TO LIST 151H TO PROVIDE POWER SUPPLY IN POS 7. | 85 | | AA | 1 | | | | | | | | |
| REQUIRED IN ADDITION TO LIST 152H TO PROVIDE POWER SUPPLY IN POS 87. | 85 | | AB | 1 | | | | | | | | |
| EQUIPMENT REQUIRED IN ADDITION TO LIST 37 TO PROVIDE CABLE SHIELD ADAPTOR BRACKETS FOR 2STP-NSD APPLICATIONS. | | | AE | 1 | | | | | | | | |

TABLE-A CONTINUED

J3F011AB-1

| 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 REQD IN ADDITION TO L-1 WHEN UNIT MOUNTS ON UNIT POS 1 (2A STP OR 2STP APPLICATION) | | | SA | | | | | | | | | |
| STAMPING REQD IN ADDITION TO L-1 WHEN UNIT MOUNTS ON UNIT POS 0 (AUTOPLEX 1000 APPLICATION) | | | SB | | | | | | | | | |
| STAMPING REQD IN ADDITION TO L-1 WHEN UNIT MOUNTS ON UNIT POS 4 (AUTOPLEX 1000 APPLICATION) OR UNIT POS 3 (APX 4.0 APPLICATION) | | | SC | | | | | | | | | |
| STAMPING REQD IN ADDITION TO L-1 WHEN UNIT MOUNTS ON UNIT POS 3 (2A STP OR 2STP APPLICATION) | | | SD | | | | | | | | | |
| STAMPING REQD IN ADDITION TO L-1 WHEN UNIT MOUNTS ON UNIT POS 5 (2A STP OR 2STP APPLICATION) | | | SE | | | | | | | | | |
| STAMPING REQD IN ADDITION TO L-1 WHEN UNIT MOUNTS ON UNIT POS 1 (1PSS-R4 APPLICATION) OR (1PSS-R3/R4 APPLICATION) FE/RA: NONE EFF. DATE: 3-31-96 | | DA | SF | | | | | | | | | |
| STAMPING REQD IN ADDITION TO L-1 WHEN UNIT MOUNTS ON UNIT POS 3 (1PSS-R4 APPLICATION) OR (1PSS-R3/R4 APPLICATION) FE/RA: NONE EFF. DATE: 3-31-96 | | DA | SG | | | | | | | | | |
| STAMPING REQD IN ADDITION TO L-1 WHEN UNIT MOUNTS ON UNIT POS 5 (1PSS-R4 APPLICATION) OR (1PSS-R3/R4 APPLICATION) FE/RA: NONE EFF. DATE: 3-31-96 | | DA | SH | | | | | | | | | |
| STAMPING REQUIRED IN ADDITION TO L-1 WHEN UNIT MOUNTS ON UNIT POS 5 (4E/RBOC APPLICATION) | | | SJ | | | | | | | | | |
| STAMPING REQUIRED IN ADDITION TO L-1 WHEN UNIT MOUNTS ON UNIT POS 5 (APX 4.0 APPLICATION) | | | SK | | | | | | | | | |
| WIRING REQUIRED IN ADDITION TO LIST K (SSI NODES) OR \$L-19, L-22\$ L-28 (IRN) TO PROVIDE THE LONG MESSAGE FEATURE. (SEE NOTES 65 & 74). | | | WA | 1 | T*3F009-11 | (1, 2,3) | G | | | | | |

END OF TABLE-A

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SIGNALING AND PACKET
 SWITCHING SYSTEMS
 SPECIFICATION FOR
 LINK NODE UNIT A
 MOUNTED ON RING NODE FRAME

DWG SIZE C2 ISSUE 61

LUCENT TECHNOLOGIES INC J3F011AB-1

SHEET A8 OF 37

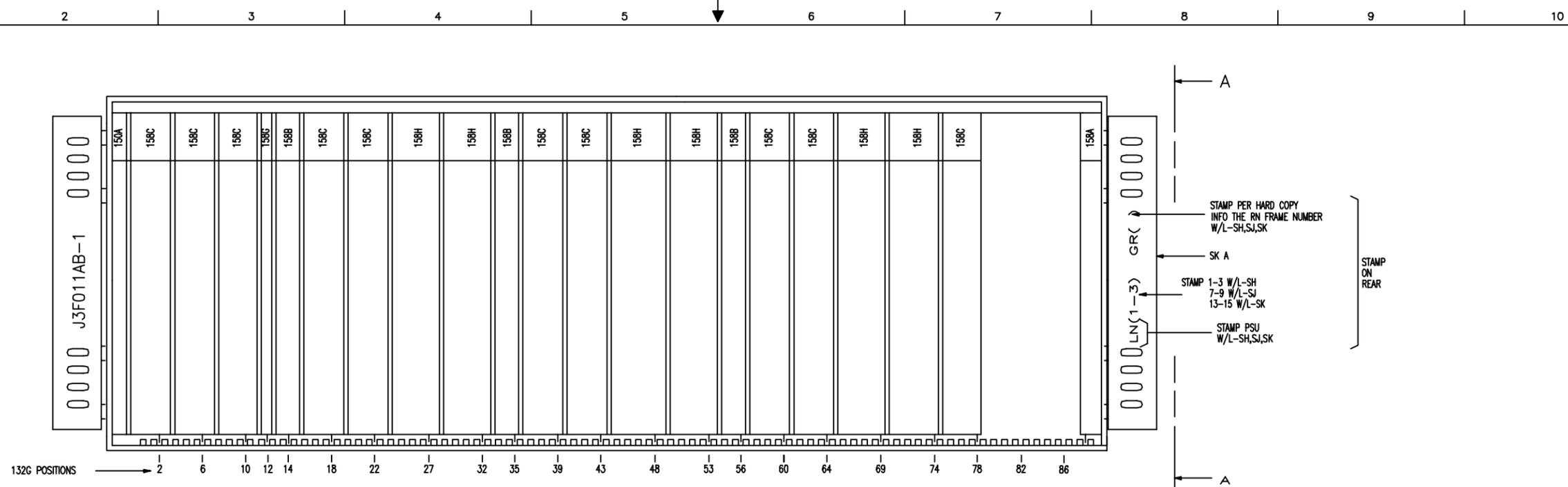


FIG. 1
 SHOWING APPARATUS BLANKS ORDERED BY LIST 1
 OR AUTOPEX LISTS ASSOCIATED WITH LIST 100
 WHEN A CIRCUIT PACK MUST BE INSERTED IN A POSITION OCCUPIED BY
 AN APPARATUS BLANK, THE APP BLANK WILL BE REMOVED AND DISCARDED
 (SEE FIG. 1A OR 101)

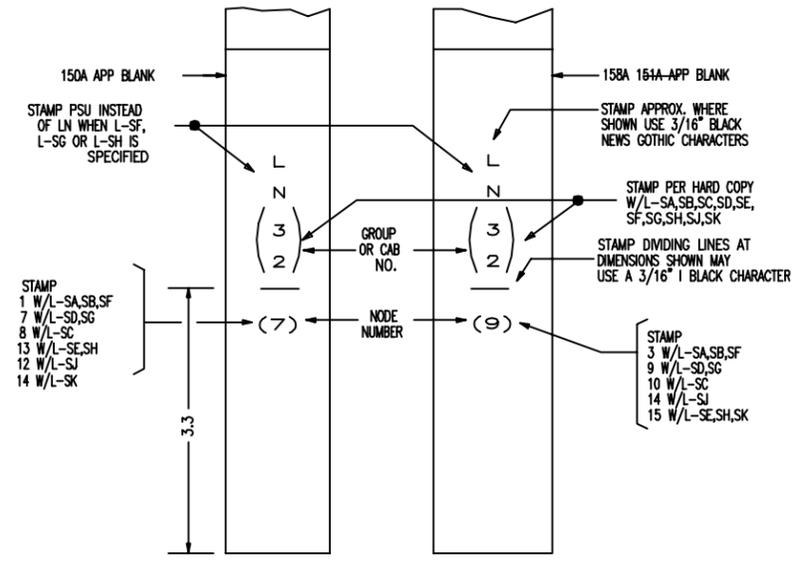


FIG. B
 NOTE: WHEN L-SA, L-SD & L-SE ARE SPECIFIED W/O L-F
 STAMP INFORMATION SHOWN HERE ON BRACKET
 OF FIG. 1 AS FOLLOWS:
 LN(1-3) GR(00)

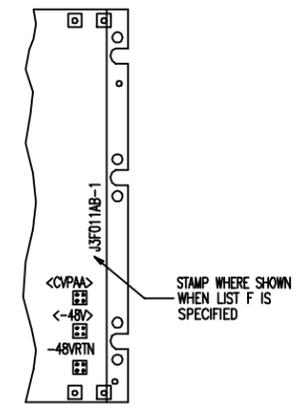


FIG. C
 (REQD W/L-F)

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|---------------------|------------|----------|----------|-------------|

AC

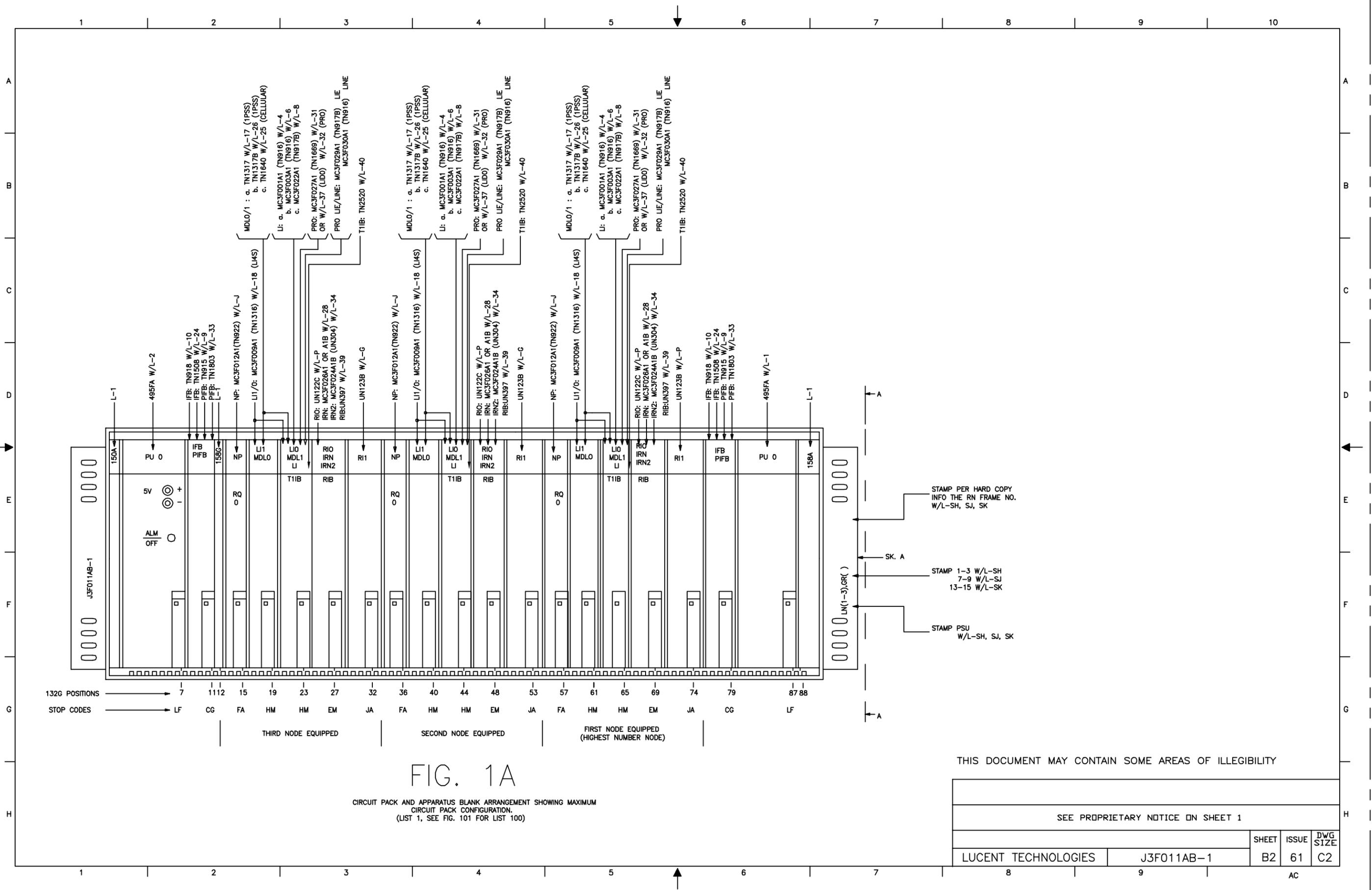


FIG. 1A

CIRCUIT PACK AND APPARATUS BLANK ARRANGEMENT SHOWING MAXIMUM CIRCUIT PACK CONFIGURATION. (LIST 1, SEE FIG. 101 FOR LIST 100)

STAMP PER HARD COPY INFO THE RN FRAME NO. W/L-SH, SJ, SK

SK. A

STAMP 1-3 W/L-SH
7-9 W/L-SJ
13-15 W/L-SK

STAMP PSU W/L-SH, SJ, SK

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|-----------------------------------|------------|-------------|----------|
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| | | DWG SIZE C2 | |

1 2 3 4 5 6 7 8 9 10

A
B
C
D
E
F
G
H

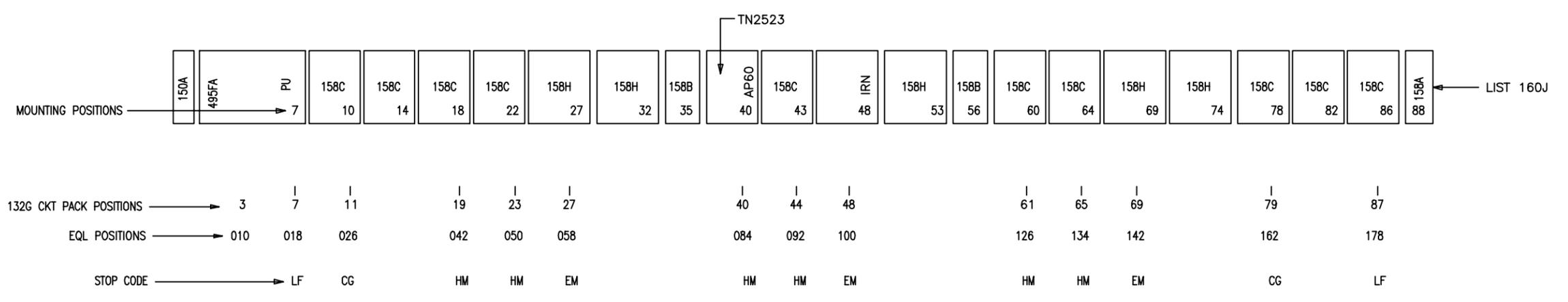


FIG. 100
(USE W/L-160J)
CKT PACK & APPARATUS BLANK ARRANGEMENT

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| | | | |
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| | | DWG SIZE C2 | |

1 2 3 4 5 6 7 8 9 10 AC

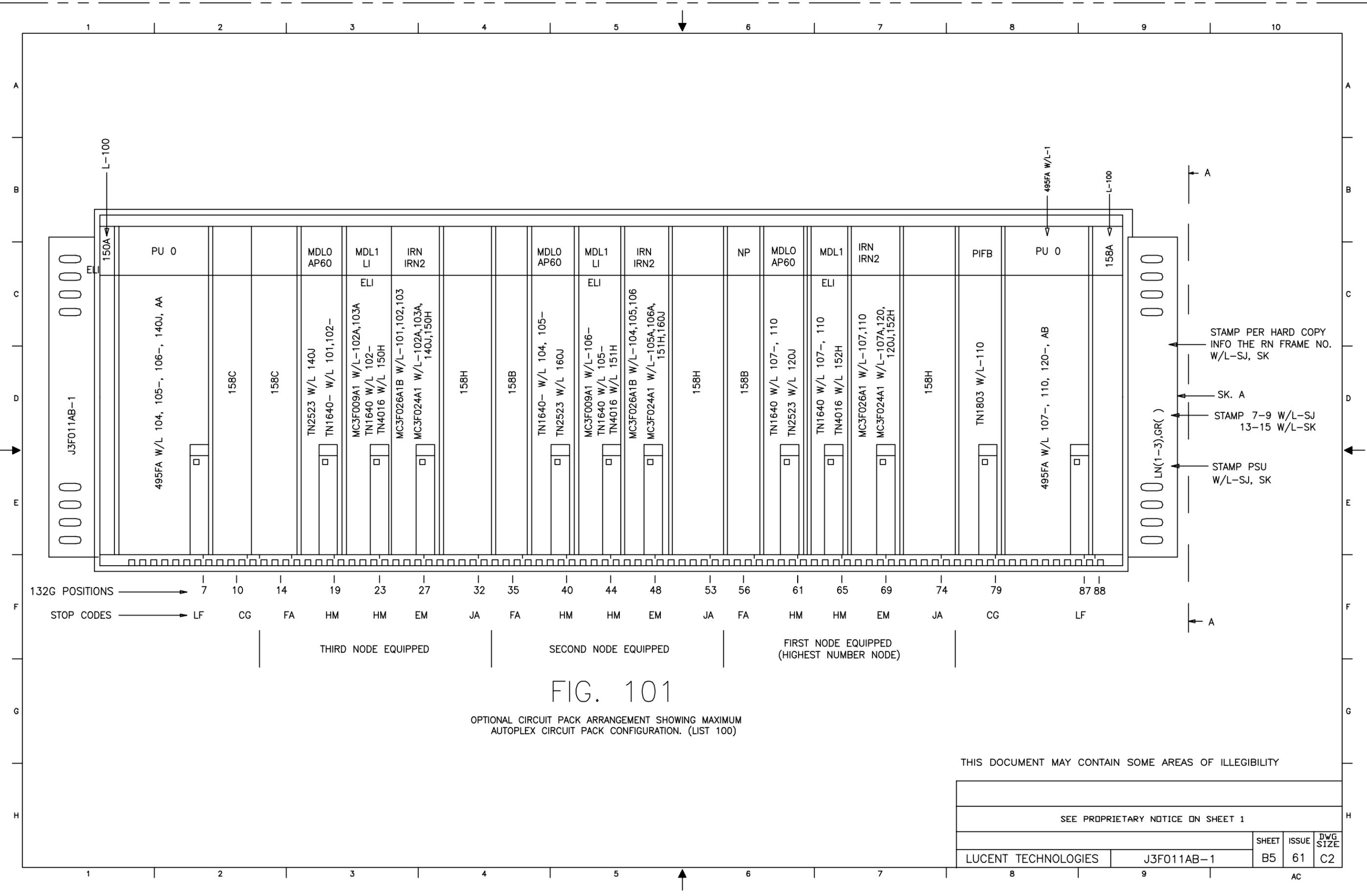


FIG. 101

OPTIONAL CIRCUIT PACK ARRANGEMENT SHOWING MAXIMUM
AUTOPLEX CIRCUIT PACK CONFIGURATION. (LIST 100)

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|-----------------------------------|------------|-------------|----------|
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| | | DWG SIZE C2 | |

AC

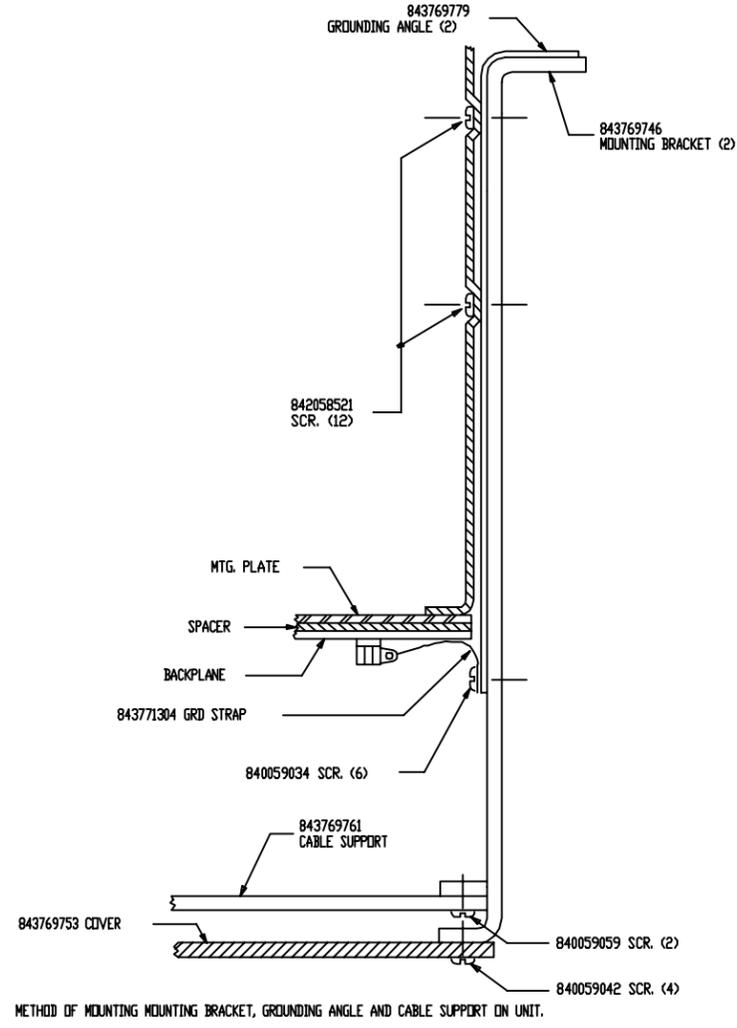
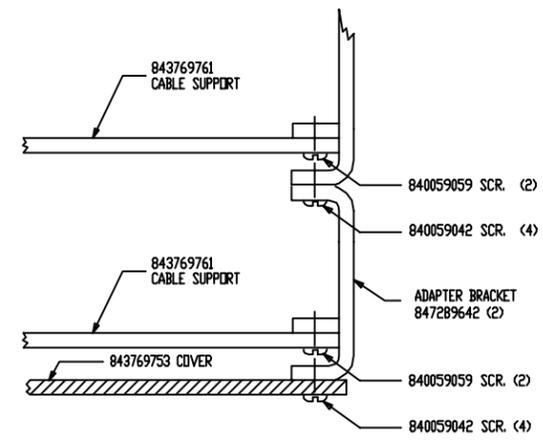
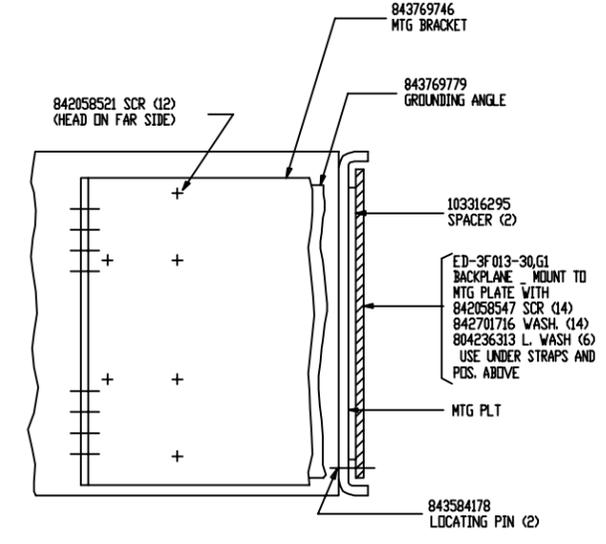


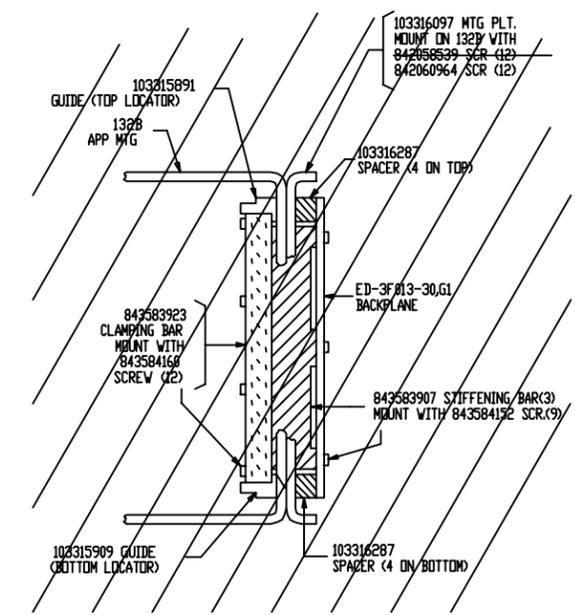
FIG. 3
(NOT RECD W/L-E OR L-F)



METHOD OF MOUNTING ADAPTER BRACKET
FIG. 3A
L-AE



VIEW A-A
(NOT RECD WHEN L-E OR L-F IS SPECIFIED)



SECT B-B

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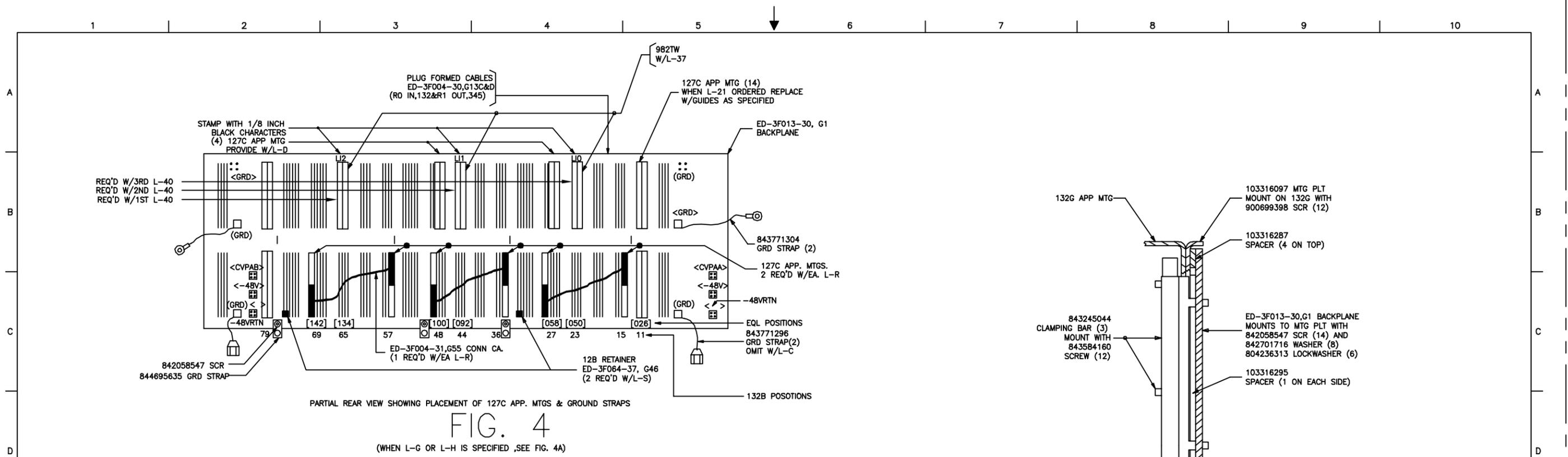


FIG. 4
(WHEN L-G OR L-H IS SPECIFIED, SEE FIG. 4A)

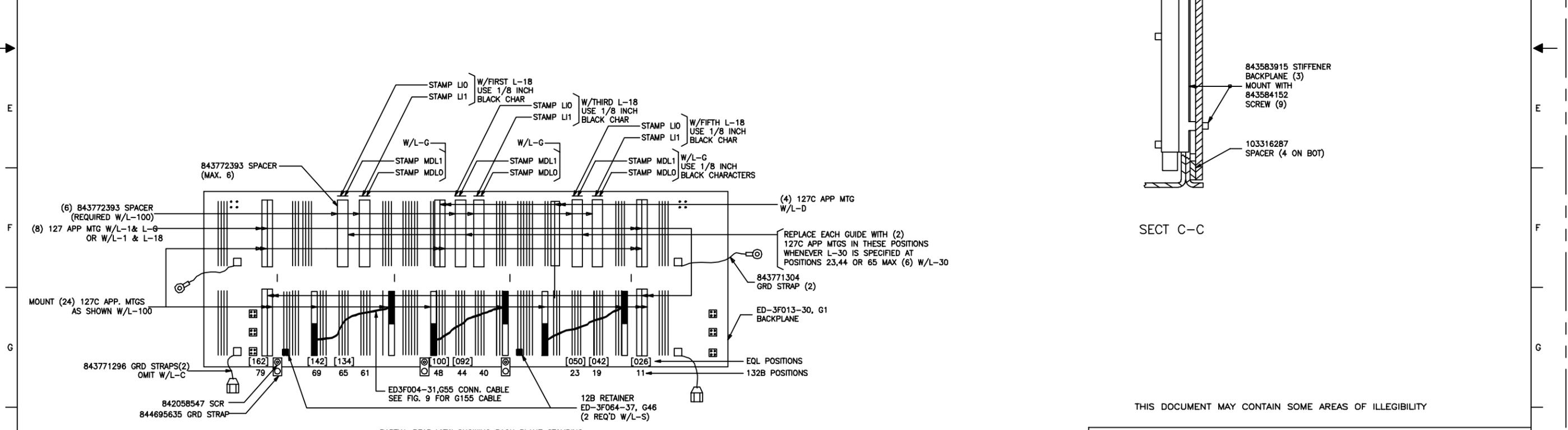
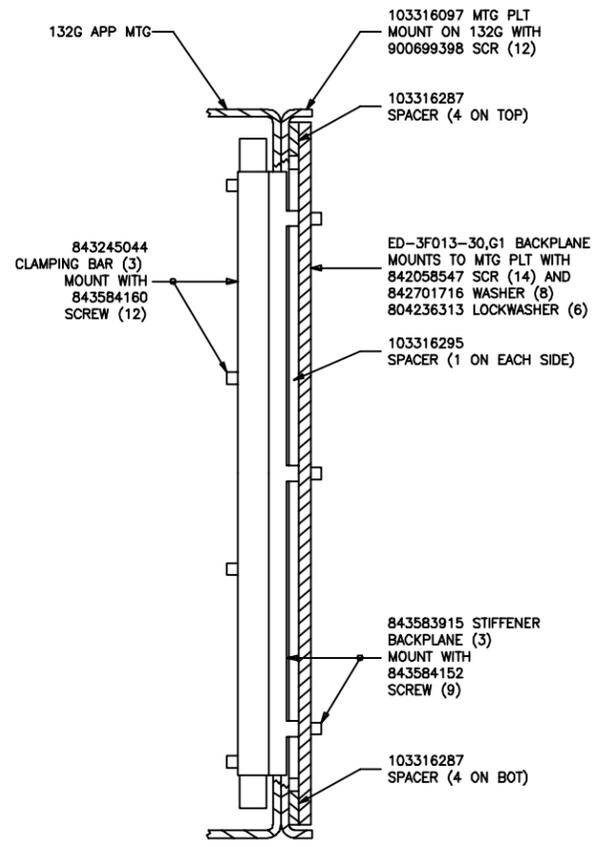


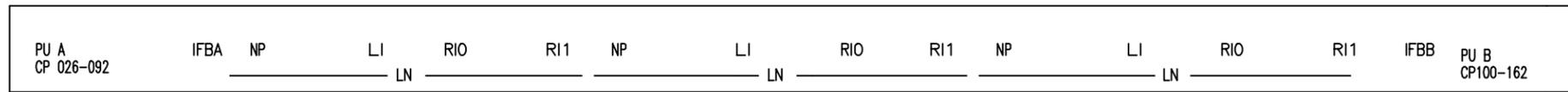
FIG. 4A
REQUIRED WITH L-G, OR W/L-18 OR L-100
(WHEN NEITHER L-G OR L-18 IS SPECIFIED, STAMP LI IN POS. 050, 092 & 134)



SECT C-C

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| | | | |
|-----------------------------------|------------|-------------|----------|
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| | | DWG SIZE C2 | |

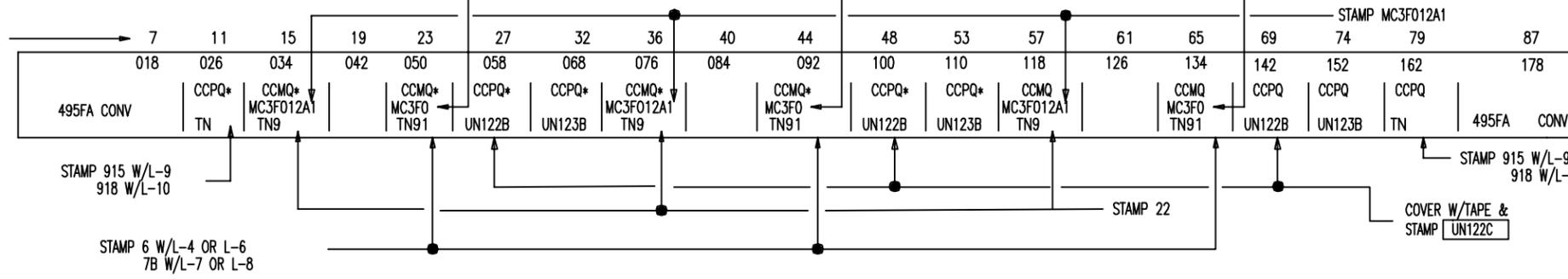


FRONT LABEL
(843769936)
(846804201)

STAMP MC3FO 01A1 W/L-4
03A1 W/L-6
~~04A1 W/L-7~~
22A1 W/L-8
29A1 W/L-35
30A1 W/L-36

COVER W/TAPE & STAMP
MC3FO27A1 WHENEVER L-31
IS SPECIFIED AT THAT POS.

132 APP MTC
POSITION NO.



REAR LABEL
(844697425)

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

FIG. 2

(REQD W/L-J/K OR P W/O L-28)
(FOR SSI/LN NODES)

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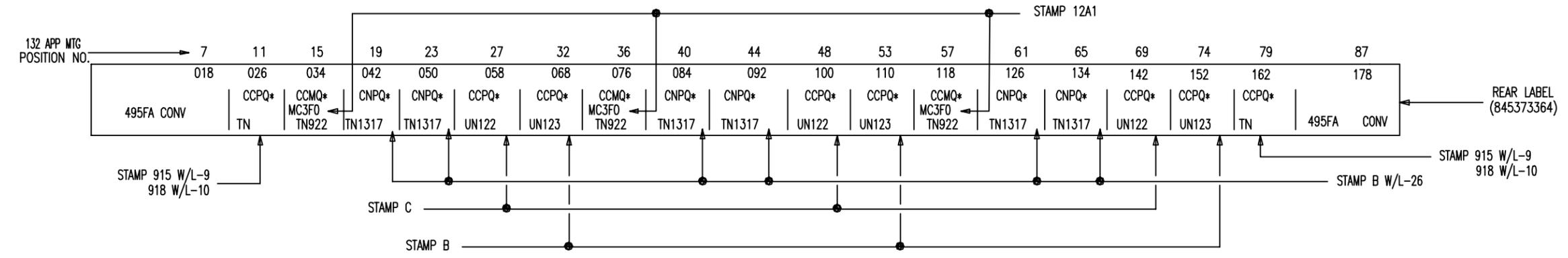
SEE PROPRIETARY NOTICE ON SHEET 1

| | | | | |
|---------------------|------------|-------|-------|------|
| LUCENT TECHNOLOGIES | J3F011AB-1 | SHEET | ISSUE | DWG |
| | | C3 | 56 | SIZE |
| | | C2 | | |

AC

PU A CP 026-092 IFBA NP MDLO MDL1 PSU RIO R11 NP MDLO MDL1 PSU RIO R11 NP MDLO MDL1 PSU RIO R11 IFBB PU B CP100-162

FRONT LABEL
(845599380)
(846804128)



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

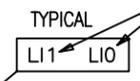
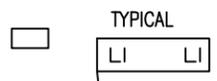
FIG. 2A
(REQUIRED W/L-G &11 OR W/L-G & 26)
(FOR 1PSS NODES)

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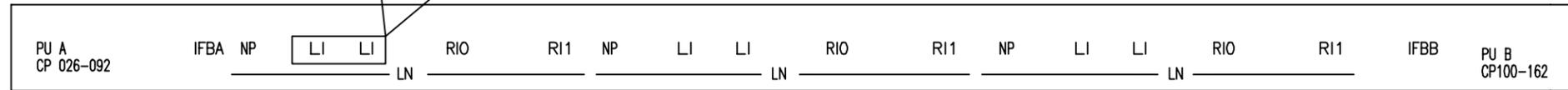
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| SEE PROPRIETARY NOTICE ON SHEET 1 | | | |
| LUCENT TECHNOLOGIES | J3F011AB-1 | SHEET C4 | ISSUE 56 |
| | | DWG SIZE C2 | |

AC

NOTE: IF NODE IS EQPD WITH A SINGLE LIST (4 THRU 8) COVER W/TAPE LEFT LI AND MAKE IT LOOK AS

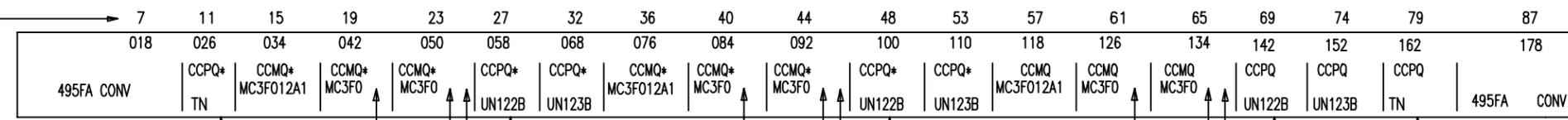


STAMP 0 OR 1 AS SHOWN ON ANY NODE EQUIPPED W/L-18, IF ONE L-18 IS SPECIFIED STAMP 0 IF TWO L-18 ARE SPECIFIED STAMP 0 & 1



FRONT LABEL
(845376243)
(846804508)

132 APP MTG
POSITION NO.



REAR LABEL
(845376235)

STAMP 915 W/L-9
918 W/L-10

STAMP 915 W/L-9
918 W/L-10

COVER W/TAPE &
STAMP UN122C

STAMP 09A1 W/L-18

STAMP 01A1 W/L-4
03A1 W/L-6
04A1 W/L-7
22A1 W/L-8
29A1 W/L-35
30A1 W/L-36

NOTES:

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

STAMP 3 MISSING DIGITS TO MATCH CRT PACK GLEI 008ES

FIG. 2B

(REQUIRED WITH L-H & 18)

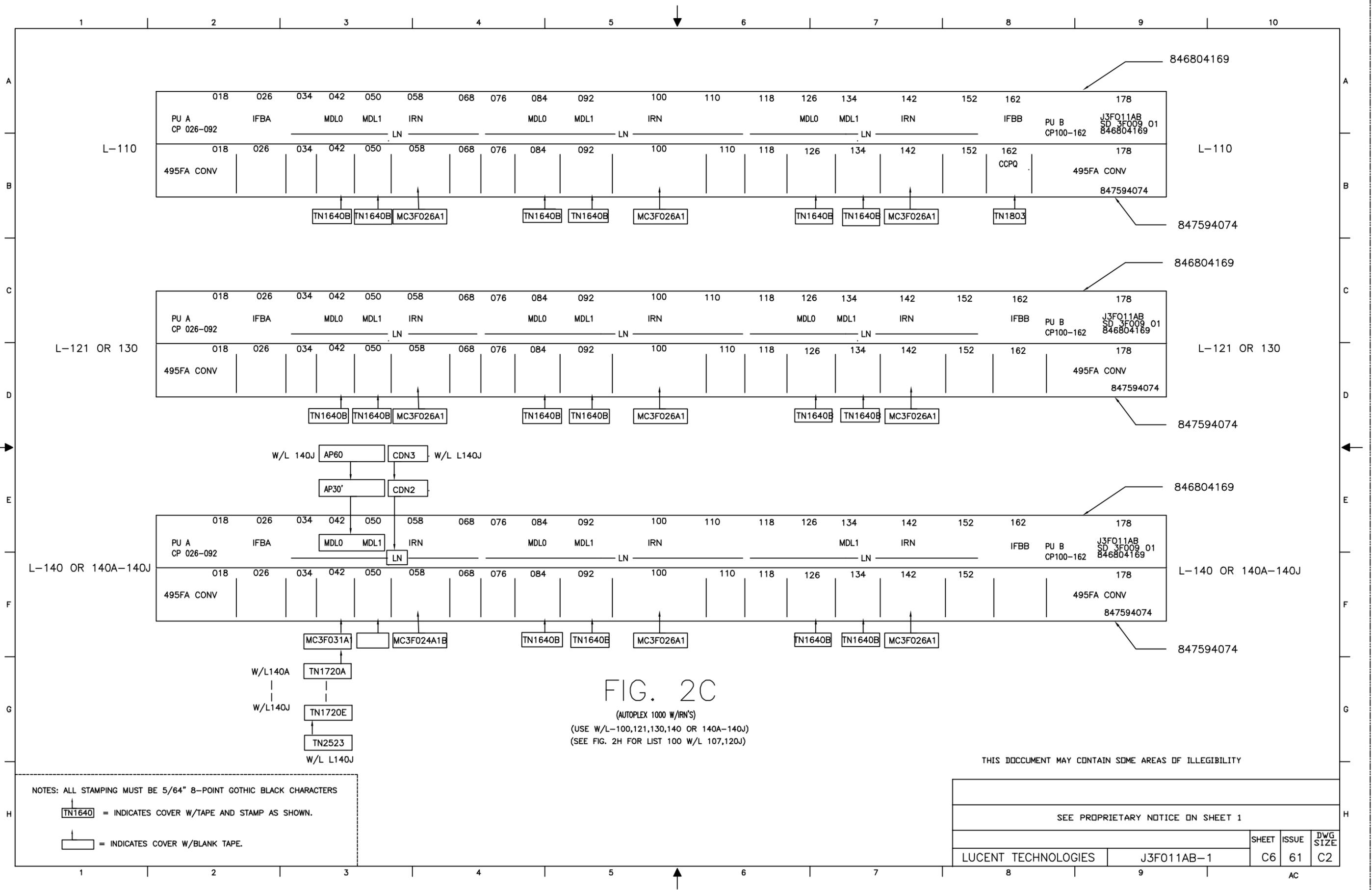
(FOR SADC/4E OR 1NCP INTERNATIONAL)

THIS DOCUMENT MAY CONTAIN SOME AREAS OF ILLEGIBILITY

SEE PROPRIETARY NOTICE ON SHEET 1

| | | | | |
|---------------------|------------|-------|-------|------|
| LUCENT TECHNOLOGIES | J3F011AB-1 | SHEET | ISSUE | DWG |
| | | C5 | 56 | SIZE |
| | | C2 | | |

AC

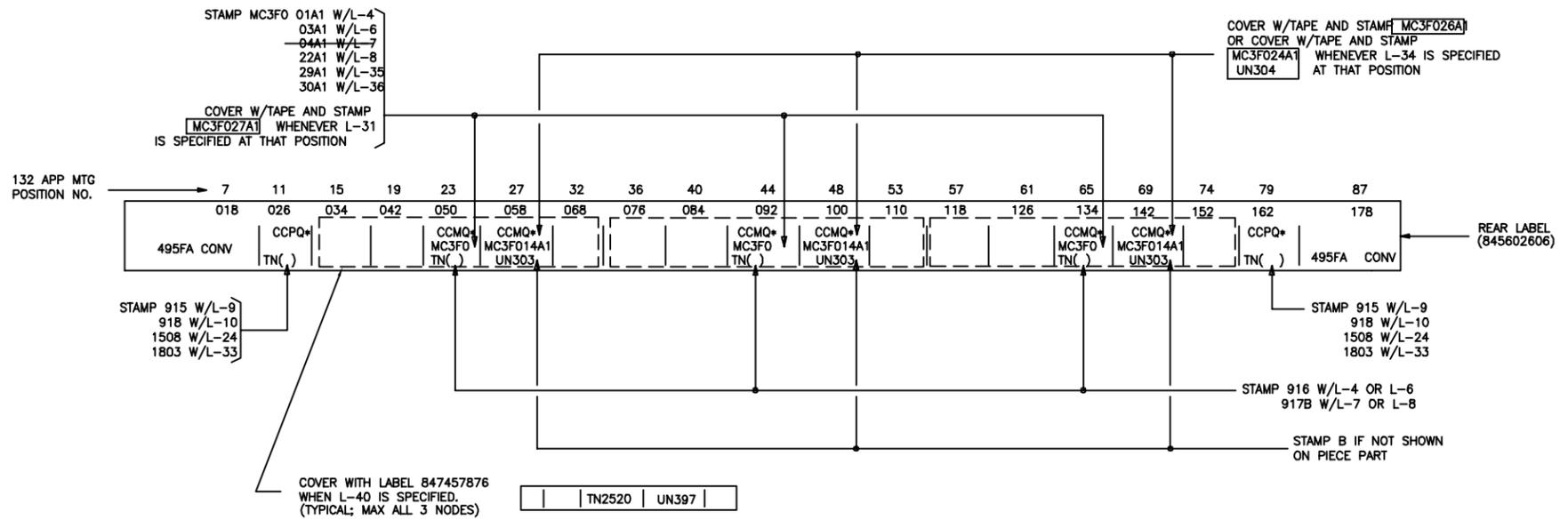
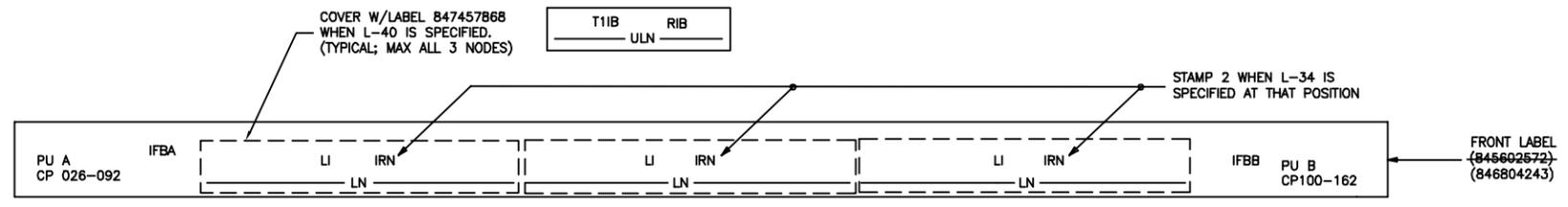


NOTES: ALL STAMPING MUST BE 5/64" 8-POINT GOTHIC BLACK CHARACTERS

↑ **TN1640** = INDICATES COVER W/TAPE AND STAMP AS SHOWN.

↑ = INDICATES COVER W/BLANK TAPE.

| | | | |
|-----------------------------------|------------|-------------|----------------------------------|
| SEE PROPRIETARY NOTICE ON SHEET 1 | | | |
| LUCENT TECHNOLOGIES | J3F011AB-1 | SHEET C6 | ISSUE 61 DWG SIZE C2 |

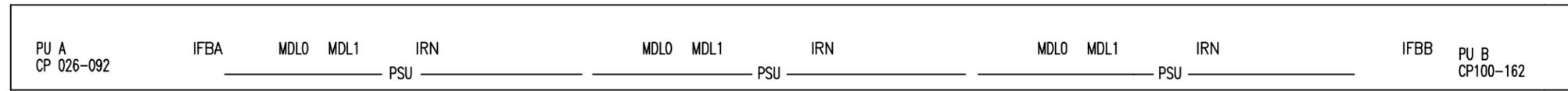


NOTES:
 ALL STAMPING MUST BE 5/64" 8-PT NEWS GOTHIC BLACK CHARACTERS
 STAMP 3 MISSING DIGITS TO MATCH CKT PACK CLEI CODES

FIG. 2D
 (REQUIRED W/L-M & 28 OR 34 OR 39 & 40)
 (FOR IRN/LI NODES 2/2A STP, ETC.)

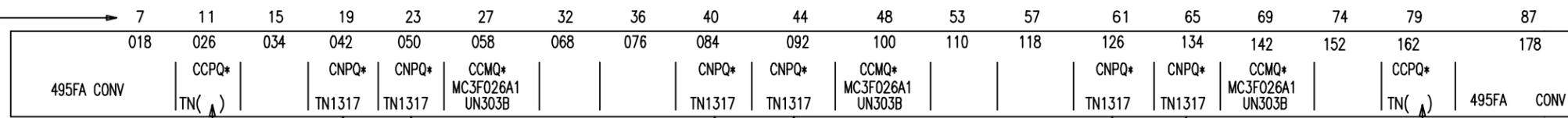
THIS DOCUMENT MAY CONTAIN SOME AREAS OF ILLEGIBILITY

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| SEE PROPRIETARY NOTICE ON SHEET 1 | | | |
| LUCENT TECHNOLOGIES | J3F011AB-1 | SHEET C7 | ISSUE 56 |
| | | DWG SIZE C2 | |



LABEL (FRONT)
846908911

132 APP MTG
POSITION NO.



LABEL (REAR)
846908952

STAMP 1508 W/L-24
1803 W/L-33
918 W/L-10

STAMP 1508 W/L-24
1803 W/L-33
918 W/L-10

ADD B (TN1317B)
W/L-26

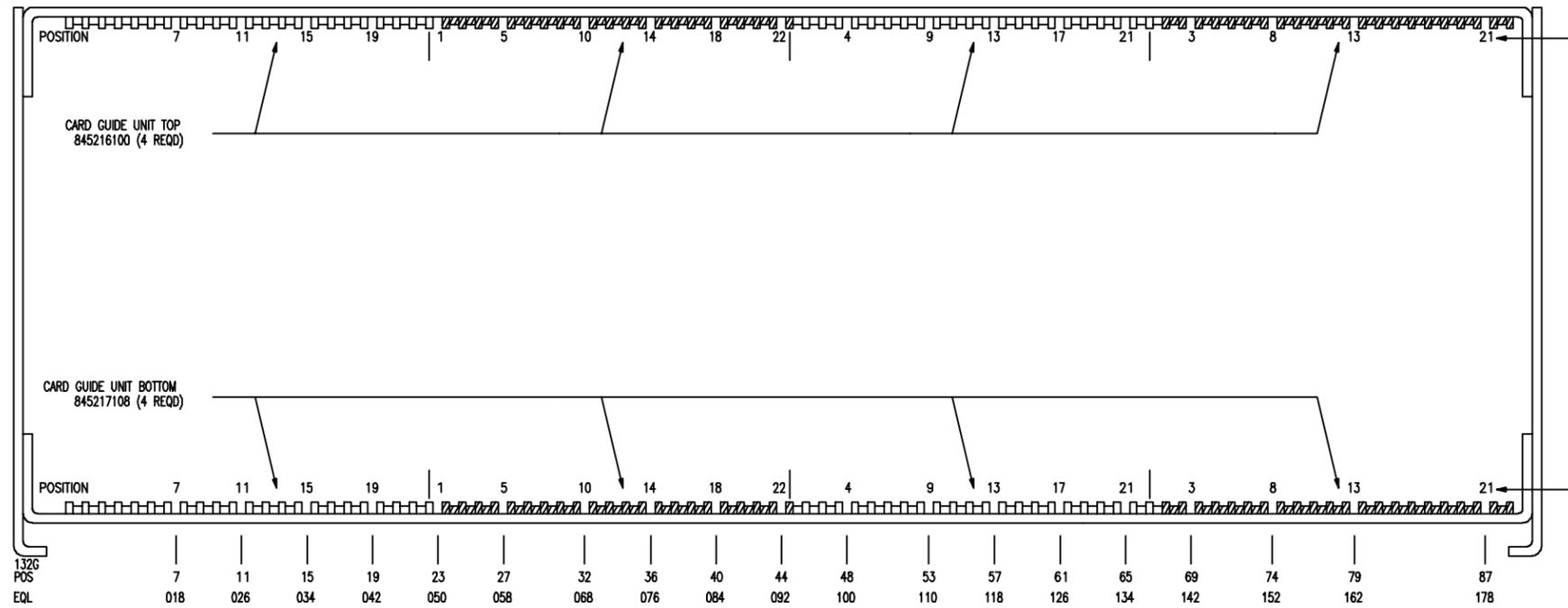
NOTES:
ALL STAMPING MUST BE 5/64" 8-PT NEWS GOTHIC BLACK CHARACTERS
* = STAMP 3 MISSING DIGITS TO MATCH CKT PACK GLEI CODES

FIG. 2E
(REQUIRED W/L-U)
(1PSS W/IRNS)

THIS DOCUMENT MAY CONTAIN SOME AREAS OF ILLEGIBILITY

| | | | |
|-----------------------------------|------------|-------------|----------|
| SEE PROPRIETARY NOTICE ON SHEET 1 | | | |
| LUCENT TECHNOLOGIES | J3F011AB-1 | SHEET C8 | ISSUE 56 |
| | | DWG SIZE C2 | |

AC



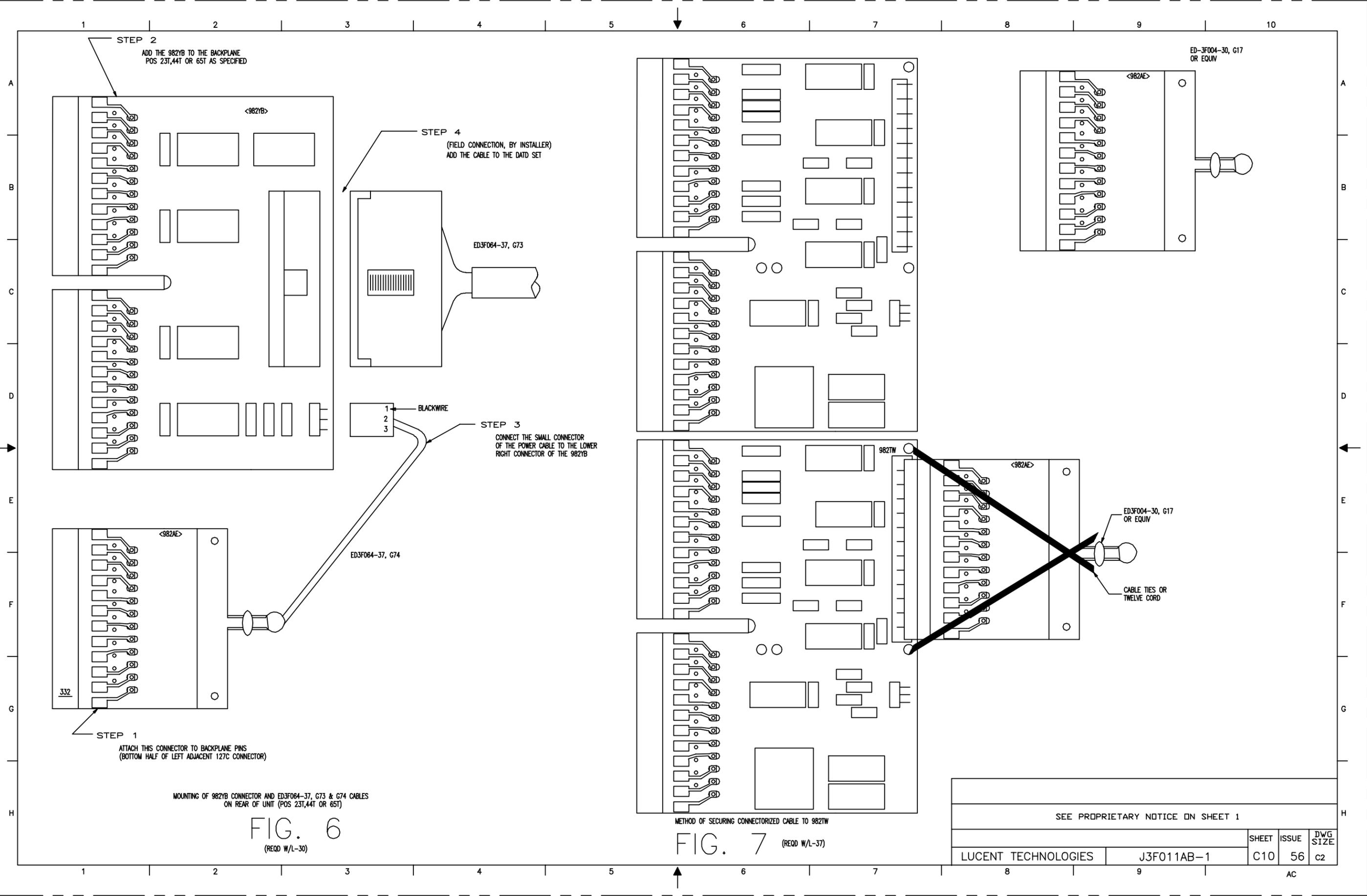
NOTE:
POSITION NUMBERS SHOWN MUST BE PUNCHED
OUT PRIOR TO MOUNTING ON 132G HOUSING

CARD GUIDE PLACEMENT

FIG. 5

| | | | |
|-----------------------------------|------------|-------------------|-------------|
| SEE PROPRIETARY NOTICE ON SHEET 1 | | | |
| LUCENT TECHNOLOGIES | J3F011AB-1 | SHEET C9 | ISSUE 56 |
| | | DWG SIZE C2 | |

AC



STEP 2
ADD THE 982YB TO THE BACKPLANE
POS 23T,44T OR 65T AS SPECIFIED

STEP 4
(FIELD CONNECTION, BY INSTALLER)
ADD THE CABLE TO THE DATD SET

STEP 3
CONNECT THE SMALL CONNECTOR
OF THE POWER CABLE TO THE LOWER
RIGHT CONNECTOR OF THE 982YB

STEP 1
ATTACH THIS CONNECTOR TO BACKPLANE PINS
(BOTTOM HALF OF LEFT ADJACENT 127C CONNECTOR)

MOUNTING OF 982YB CONNECTOR AND ED3F064-37, G73 & G74 CABLES
ON REAR OF UNIT (POS 23T,44T OR 65T)

FIG. 6
(REQD W/L-30)

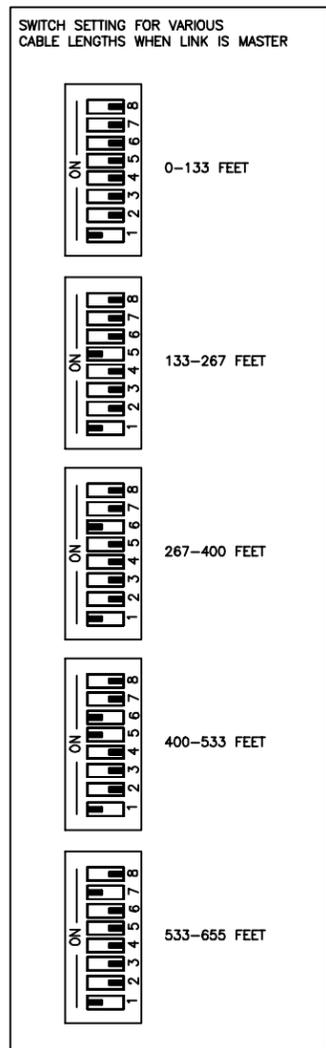
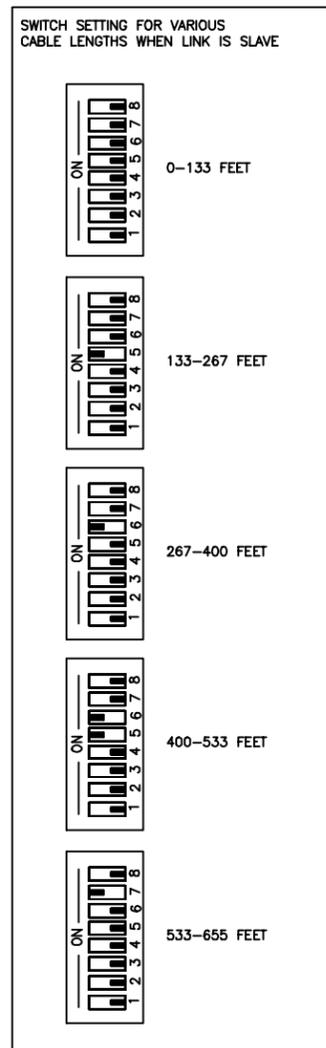
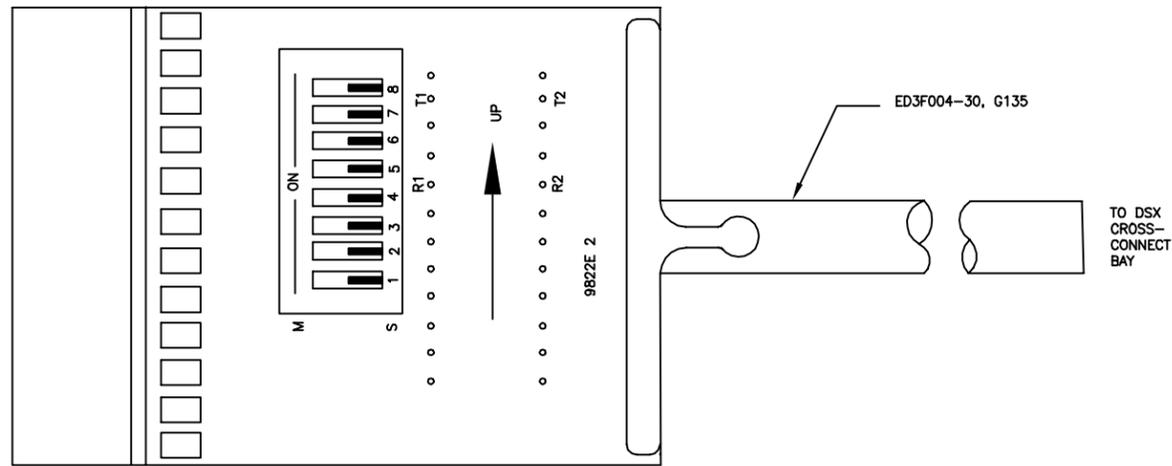
METHOD OF SECURING CONNECTORIZED CABLE TO 982TW

FIG. 7 (REQD W/L-37)

SEE PROPRIETARY NOTICE ON SHEET 1

| | | | | |
|---------------------|------------|--------------|-------------|-------------------|
| LUCENT TECHNOLOGIES | J3F011AB-1 | SHEET C10 | ISSUE 56 | 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 | J3F011AB-1 | SHEET C11 | ISSUE 56 |
| | | DWG SIZE C2 | |

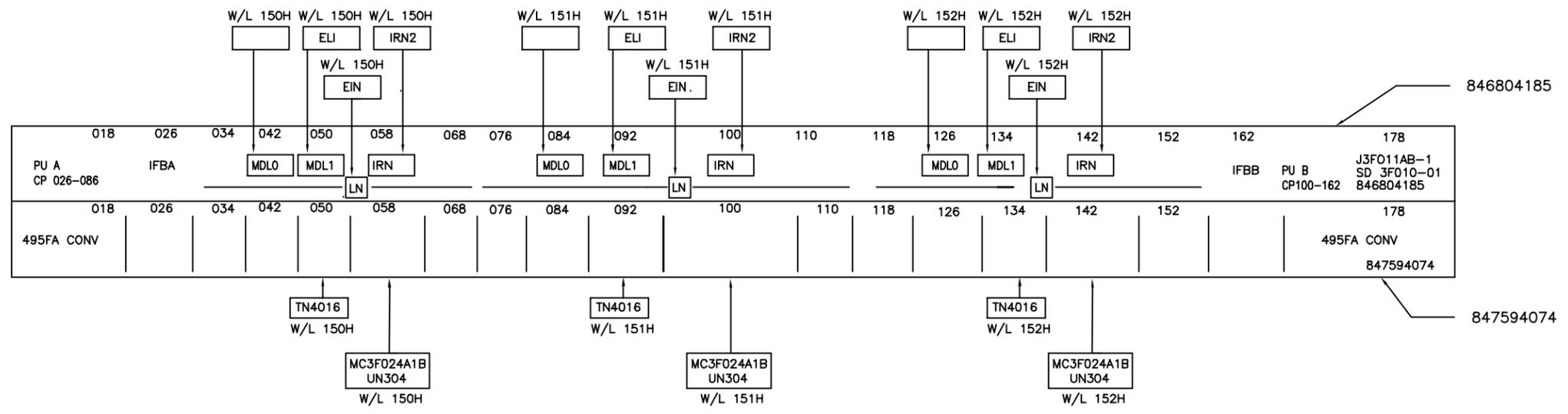


FIG. 2F
(LIST 150H, 151H & 152H)

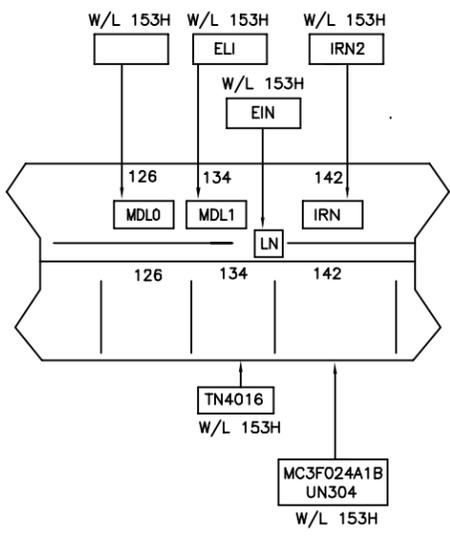
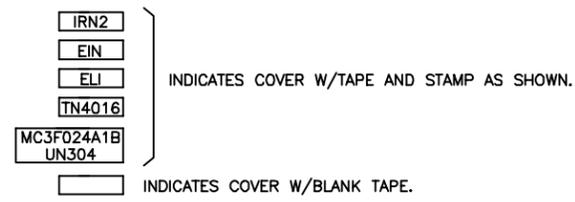


FIG. 2G
(LIST 153H)
TYPICAL
(FOR ANY OF THE THREE NODE
POSITIONS FOR FIELD MOUNT)

SHEET NOTES:

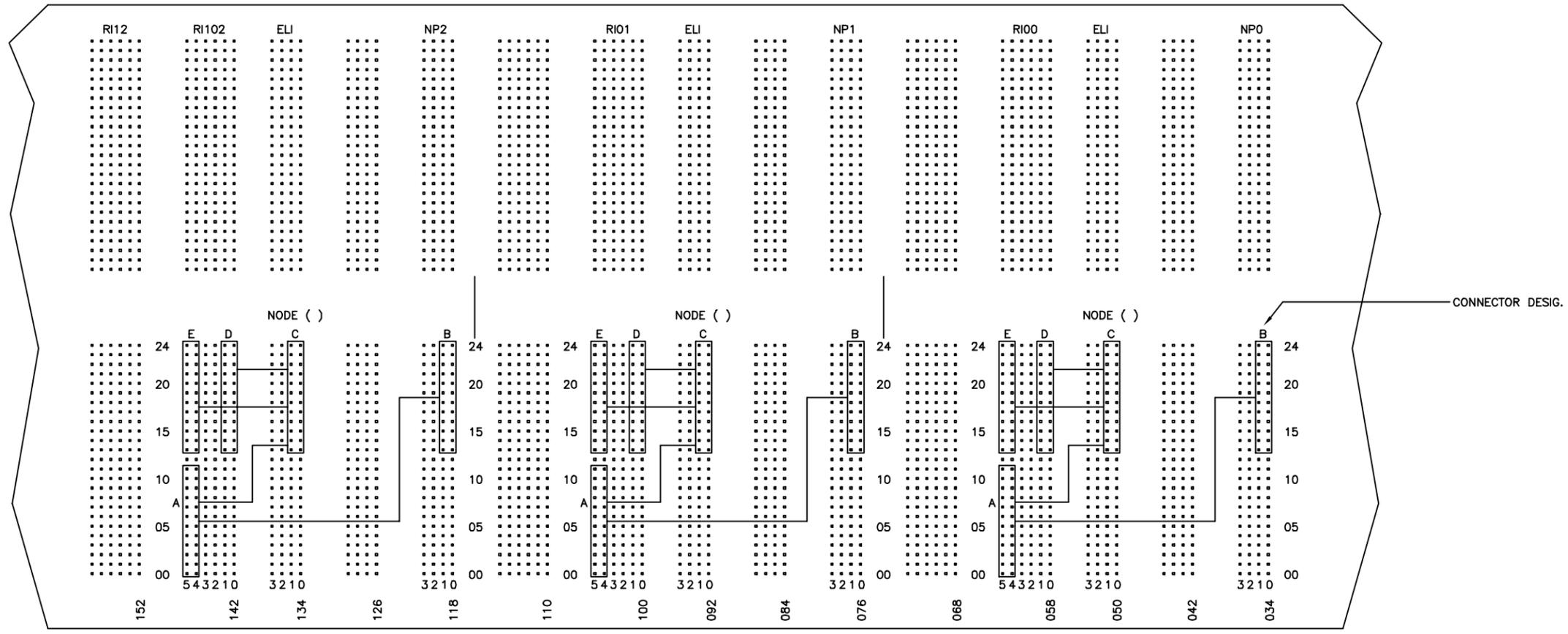
- LABELS ARE TO BE OKLAHOMA CITY SHOP MANUFACTURED USING THE ZEBRA PRINTER. ALL CHARACTERS ARE TO BE BLACK PRINTED ON WHITE LABEL STOCK.
- LABEL KIT FOR LIST 153H SHALL CONSIST OF THE FOLLOWING:
 - FIVE LABELS ON 0.5 IN. X .25 IN. WHITE STOCK
 - IRN2
 - EIN
 - ELI
 - TN4016
 - 'BLANK'
 - ONE LABEL ON 1.0 IN. X 0.40 IN. WHITE STOCK
 - MC3F024A1B UN304

3. EXAMPLES:



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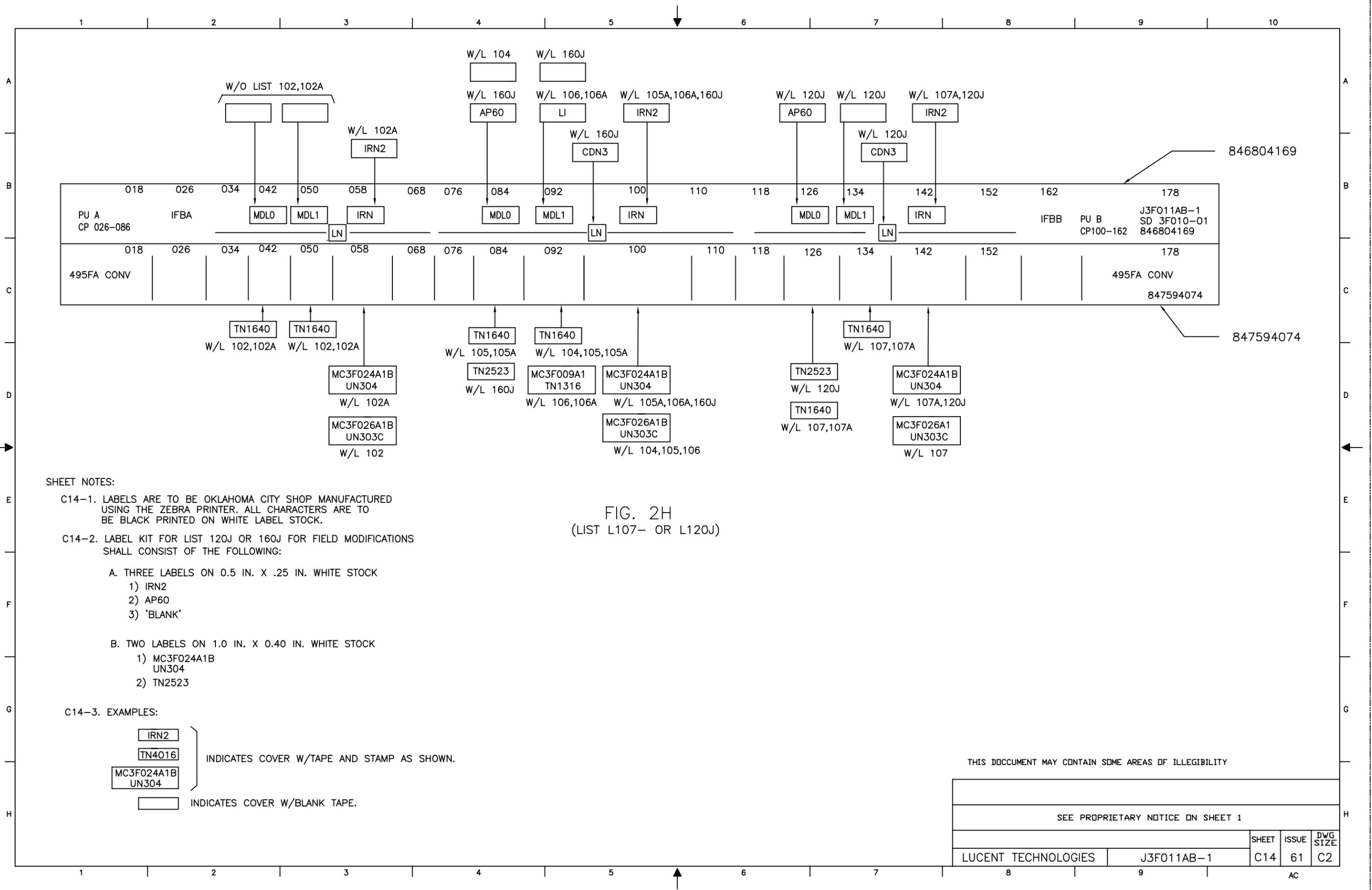
| | | | |
|-----------------------------------|------------|-------------|----------|
| SEE PROPRIETARY NOTICE ON SHEET 1 | | | |
| LUCENT TECHNOLOGIES | J3F011AB-1 | SHEET C12 | ISSUE 61 |
| | | DWG SIZE C2 | |



PARTIAL REAR VIEW OF BACKPLANE OF J3F011AB-1

FIG. 9
 ED3F004-31 GROUP 155 CABLE PLACEMENT FOR AUTOPLEX ELI FEATURE
 (USE W/L 150H, 151H, 152H & 153H)

| | | | |
|-----------------------------------|------------|-------------|----------|
| SEE PROPRIETARY NOTICE ON SHEET 1 | | | |
| LUCENT TECHNOLOGIES | J3F011AB-1 | SHEET C13 | ISSUE 59 |
| | | DWG SIZE C2 | |
| AC | | | |



SHEET NOTES:

- C14-1. LABELS ARE TO BE OKLAHOMA CITY SHOP MANUFACTURED USING THE ZEBRA PRINTER. ALL CHARACTERS ARE TO BE BLACK PRINTED ON WHITE LABEL STOCK.
- C14-2. LABEL KIT FOR LIST 120J OR 160J FOR FIELD MODIFICATIONS SHALL CONSIST OF THE FOLLOWING:
- A. THREE LABELS ON 0.5 IN. X .25 IN. WHITE STOCK
 - 1) IRN2
 - 2) AP60
 - 3) 'BLANK'
 - B. TWO LABELS ON 1.0 IN. X 0.40 IN. WHITE STOCK
 - 1) MC3F024A1B UN304
 - 2) TN2523

C14-3. EXAMPLES:

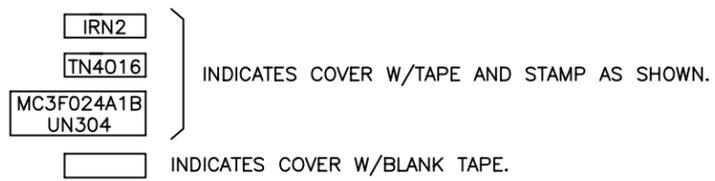


FIG. 2H
(LIST L107- OR L120J)

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| | | | |
|-----------------------------------|------------|-------------|----------|
| SEE PROPRIETARY NOTICE ON SHEET 1 | | | |
| LUCENT TECHNOLOGIES | J3F011AB-1 | SHEET C14 | ISSUE 61 |
| | | DWG SIZE C2 | |

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MANUFACTURING NOTES

***** CONTINUED *****

- X (LIST P), NEATLY LINE OUT B AND STAMP C NEXT TO IT.
- X 7. WHEN ONLY ONE L-28 OR L-34 IS ORDERED IN ADDITION TO L-1 (L-2 AND L-3 NOT SPECIFIED) USE THE 158H BLANKS PROVIDED BY L-1 AND DISCARD THE 158F BLANKS PROVIDED BY L-28 OR L-34.
- X 8. WHEN LIST 14,15,16,29 ARE REQUIRED IN ADDITION TO LIST 18, EQUIP IN THE FOLLOWING ORDER: 65,61_44,40_23,19. WHEN LIST 14,15,16,29 ARE REQUIRED IN ADDITION TO LIST 11, 35 OR 26 EQUIP AS FOLLOWS: 61,65_40,44_19,23.
- X 9. WHEN A CKT 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 OF THE APPARATUS BLANKS, EXCEPT THE EXTREME LEFT (150A) AND THE EXTREME RIGHT(158A) WILL BE MOUNTED AFTER TEST.
- X 10. IF FOR REASON BEYOND CONTROL, CLEI CODE NUMBERS APPEAR IN THE STOCKLIST DESCRIPTION COLUMN, SHOP MUST DISREGARD THEM AND NOT STAMP THEM ON THE DESIGNATION STRIP LABELS.
- X 11. 847594074 LABEL IS TO BE PROVIDED BY UNIT MANUFACTURING SHOP USING ZEBRA PRINTER.
- X X 12. ORDERS FOR LIST 153H SHOULD ALSO CONTAIN 6 SHOP MANUFACTURED LABELS AS INDICATED IN SHEET NOTES IN FIGURE 2G.

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T

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.
- "**" 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.

- X 1. 1A. THIS UNIT IS KNOWN AS A LEFT TO RIGHT UNIT, DESCRIBING THE FLOW OF DATA, NOT THE EQUIPPING OF LINK NODES WITH CIRCUIT PACKS. THE NODES ARE EQUIPPED WITH PACKS IN THE OPPOSITE WAY THAN THE DATA FLOW. SINCE THE LINK NODES ARE EQUIPPED FROM RIGHT TO LEFT, LI OR MDL CKT PACKS (TN916/7) OR (TN1317), NP PACKS (TN922) AND IFB PACKS (TN915/8) ARE PLACED IN POS SPECIFIED IN A DESCENDING ORDER. FOR EXAMPLE, C.P. TN917 SHOWN IN POS 65, 44 AND 23 WILL MOUNT IN POS 65 WHEN THE FIRST LINK NODE IS EQPD; IN POS 44 WHEN THE 2ND NODE IS EQPD AND IN POS 23 WHEN THE 3RD NODE IS EQPD. (SEE FIG. A)
- X 2. SEE TABLE D AND DWG A-80KC4012 (2A1-2B1 INDEX STOPS) FOR PLACEMENT OF TUBULAR KEYS INTO KEYHOLDERS.
- X X 3. \$FOR NO. 2 STP APPLICATIONS, CIRCUIT PACK POSITION(S) WILL BE DETERMINED IN ACCORDANCE WITH INFORMATION SHOWN ON FIG. 2 (LINK NODE NO. SUCH AS 1,2 OR 3,7,8 OR 9; 13,14 OR 15) AND ON THE HARD COPY (NODE NO. SPECIFIED). FOR EXAMPLE, IF UNIT ORDERED IS FOR NODES 13-15 AND HARD COPY SPECIFIES L-7 FOR NODE 13, L-4 FOR NODE 14 AND L-5 FOR NODE 15, THE FOLLOWING CIRCUIT PACKS WILL BE PLACED IN POSITIONS 65, 44 AND 23:

| | | | |
|----------------|---------------------|---------------------|---------------------|
| POSITION | 65 | 44 | 23 |
| LINK NODE NO. | 15 | 14 | 13 |
| LIST SPECIFIED | 5 | 4 | 7 |
| CIRCUIT PACK | TN916 MC-3F001A1 | TN916 MC-3F001A1 | TN917 MC-3F004A1 |

- X X 4. FOR NO. 2 STP APPLICATIONS, CIRCUIT PACK POSITIONS WILL BE DETERMINED AS FOLLOWS:
IF UNIT IS FIRST UNIT ON FRAME (LN 1-3 AND NO J3F011AA-1 MOUNTED ON FRAME) USE POSITION 11; IF UNIT IS LAST UNIT MOUNTED ON FRAME, USE POSITION 79; AND IF UNIT IS ONLY UNIT ON FRAME USE POSITIONS 11 & 79.
- 5. INFORMATION ENCLOSED IN \$ IS CONSIDERED LINED OUT.
- 6. IF DESIGNATION STRIP SHOWS UN122B AND A UN122C PACK IS EQPD
----- CONTINUED TO THE LEFT -----

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RW99

SIGNALING AND PACKET
SWITCHING SYSTEMS
SPECIFICATION FOR
LINK NODE UNIT A
MOUNTED ON RING NODE FRAME

DWG SIZE C2 ISSUE 61

LUCENT TECHNOLOGIES INC J3F011AB-1

SHEET D1 OF 37

| 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 | 1 | 1 | 103276416 | 151A | STRIP, DESIGNATION E/W | | | |
| 1060 | 1 | 1 | 843769936 | | LABEL FRONT | | | |
| 1061 | 1 | 1 | 846804201 | | LABEL, DESIGNATION FRONT | | | |
| 1070 | 1 | 1 | 844697425 | | LABEL REAR | | | |
| 1080 | 1 | 19 | 103276358 | 18A | GUIDE POS 07B,11B,15B,19B, 23B,27B,32B,36B,40B,44B,48B,53B, 57B,61B,65B,69B,74B,79B,87B | | | |
| 1081 | 1 | 4 | 845217108 | | GUIDE, BOTTOM CARD POS 07B,11B,15B,19B, 23B,27B,32B,36B,40B,44B,48B,53B, 57B,61B,65B,69B,74B,79B,87B | | | |
| 1090 | 1 | 19 | 103276366 | 19A | GUIDE POS 07T,11T,15T,19T, 23T,27T,32T,36T,40T,44T,48T,53T, 57T,61T,65T,69T,74T,79T,87T | | | |
| 1091 | 1 | 4 | 845216100 | | GUIDE, TOP CARD POS 07T,11T,15T,19T, 23T,27T,32T,36T,40T,44T,48T,53T, 57T,61T,65T,69T,74T,79T,87T | | | |
| 1100 | 1 | 1 | ED3F013-30,G1 | | BOARD, MULTILEVEL PRINTED WIRING (BACKPLANE) | | | |
| 1110 | 1 | 8 | 103316287 | 8A | SPACER (TOP & BOTTOM) | | | |
| 1120 | 1 | 2 | 103316295 | 9A | SPACER (SIDE) | | | |
| 1130 | 1 | 3 | 843583907 | | STIFFENER, BACKPLANE | | | |
| 1131 | 1 | 3 | 843583915 | | STIFFENER | | | |
| 1140 | 1 | 3 | 843583923 | | BAR, CLAMPING | | | |
| 1141 | 1 | 3 | 843245044 | | BAR, CLAMPING | | | |
| 1150 | 1 | 2 | 103315891 | 28A | GUIDE (TOP LOCATOR) | | | |
| 1160 | 1 | 2 | 103315909 | 29A | GUIDE (BOTTOM LOCATOR) | | | |
| 1170 | 1 | 2 | 843584178 | | PIN, LOCATING BROWN | | | |
| 1180 | 1 | 1 | 103752721 | 150A | BLANK, APPARATUS (LEFT SIDE) | | | |
| 1190 | 1 | 1 | 103752739 | 151A | BLANK, APPARATUS POS 88 | | | |
| 1191 | 1 | 1 | 104042106 | 158A | BLANK, APPARATUS POS 88 | | | |
| 1192 | 1 | 3 | 104042114 | 158B | BLANK, APPARATUS POS. 14,35,56 | | | 9 |
| 1193 | 1 | 10 | 104042122 | 158C | BLANK, APPARATUS POS. 2,6,10,18,22,39,43,60, 64,78 | | | 9 |
| 1194 | 1 | 1 | 104042163 | 158G | BLANK, APPARATUS POS. 12 | | | 9 |
| 1195 | 1 | 6 | 104167531 | 158H | BLANK, APPARATUS POS. 27,32,48,53,69,74 | | | 9 |

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

J3F011AB-1

| STOCKLIST | | | | | | | | |
|-----------|----------------------------------|----------------------------|--------------------|------|---|--------------------|------|-----|
| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | |
| | | | | | | | SYM | NBR |
| 1200 | 1 | 2 | 103752747 | 151B | BLANK, APPARATUS POS 14,35 | | | |
| 1201 | 1 | 2 | 104042114 | 158B | BLANK, APPARATUS POS 14,35 | | | |
| 1210 | 1 | 10 | 103752754 | 151C | BLANK, APPARATUS POS 10,18,22,26,39, 43,47,60,64,78 | | | |
| 1211 | 1 | 10 | 104042122 | 158C | BLANK, APPARATUS POS 10,18,22,26,39, 43,47,60,64,78 | | | |
| 1220 | 1 | 2 | 103752762 | 151D | BLANK, APPARATUS POS 31,52 | | | |
| 1221 | 1 | 2 | 104167531 | 158H | BLANK, APPARATUS POS 31,52 | | | |
| 1230 | 1 | 3 | 103755104 | 151P | BLANK, APPARATUS POS 12,33,54 | | | |
| 1231 | 1 | 3 | 104042163 | 158G | BLANK, APPARATUS POS 12,33,54 | | | |
| 1240 | 1 | 1 | 103752796 | 151G | BLANK, APPARATUS POS 6 | | | |
| 1241 | 1 | 2 | 104042122 | 158C | BLANK, APPARATUS POS 2,6 | | | |
| 1250 | 2 | OMIT 1 | 103752747 | 151B | BLANK, APPARATUS POS 35 | | | |
| 1251 | 2 | OMIT 1 | 104042114 | 158B | BLANK, APPARATUS POS 35 | | | |
| 1260 | 2 | OMIT 1 | 103752754 | 151C | BLANK, APPARATUS POS 47 | | | |
| 1261 | 2 | OMIT 1 | 104042122 | 158C | BLANK, APPARATUS POS 47 | | | |
| 1270 | 2 | OMIT 1 | 103752762 | 151D | BLANK, APPARATUS POS 52 | | | |
| 1271 | 2 | OMIT 1 | 104167531 | 158H | BLANK, APPARATUS POS 52 | | | |
| 1280 | 2 | OMIT 1 | 103752796 | 151G | BLANK, APPARATUS POS 6 | | | |
| 1281 | 2 | OMIT 2 | 104042122 | 158C | BLANK, APPARATUS POS 2,6 | | | |
| 1290 | 2 | OMIT 1 | 103755104 | 151P | BLANK, APPARATUS POS 54 | | | |
| 1291 | 2 | OMIT 1 | 104042163 | 158G | BLANK, APPARATUS POS 54 | | | |
| 1300 | 4,5,6,7, 8 | OMIT 1 OMIT 1 | 103752754 | 151C | BLANK, APPARATUS POS 64,43,22 | | | |
| 1301 | 4,5,6,7, 8,31,32, 35,36,37 | OMIT 1 OMIT 1 OMIT 1 | 104042122 | 158C | BLANK, APPARATUS POS 64,43,22 | | | |
| 1310 | 9,10 | OMIT 1 | 103752754 | 151C | BLANK, APPARATUS POS 10,78 | | | |

STOCKLIST CONTINUED ON SHEET D3

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| RW99 | |
| SIGNALING AND PACKET SWITCHING SYSTEMS SPECIFICATION FOR LINK NODE UNIT A MOUNTED ON RING NODE FRAME | |
| DWG SIZE C2 | ISSUE 61 |
| LUCENT TECHNOLOGIES INC J3F011AB-1 | |
| SHEET D2 OF 37 | |

| STOCKLIST | | | | | | | | | | |
|-----------|------------------|------------------|--------------------|------|---|--------------------|------|-----|---|--|
| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | | | |
| | | | | | | | SYM | NBR | | |
| 1311 | 9,10,20,23,24,33 | OMIT 1 OMIT 1 | 104042122 | 158C | BLANK, APPARATUS POS 10,78 | | | | | |
| 1320 | 11,18 | OMIT 1 | 103752754 | 151C | BLANK, APPARATUS POS 60,64,39, 43,18,22 | | | | | |
| 1321 | 11,18,25,26 | OMIT 1 OMIT 1 | 104042122 | 158C | BLANK, APPARATUS POS 60,64,39, 43,18,22 | | | | | |
| 1330 | 1 | 16 | 842397796 | | HOLDER, KEY E/W POS 07,11,15,23,27, 32,36,44,48,53, 57,65,69,74,79, 87 | | | | 2 | |
| 1340 | 1 | 80 | 843436171 | | KEY, TUBULAR | | | | 2 | |
| 1350 | 1 | 2 | 843771304 | | STRAP, GROUND | | | | | |
| 1360 | 1 | 2 | 843771296 | | STRAP, GROUND | | | | | |
| 1370 | C | OMIT 2 | 843771296 | | STRAP, GROUND | | | | | |
| 1380 | 1 | 1 | 843769761 | | SUPPORT, CABLE | | | | | |
| 1390 | 1 | 1 | 843769753 | | COVER | | | | 1 | |
| 1400 | 1 | 1 | 103661484 | 171A | COVER, AIR CLOSURE | | | | 1 | |
| 1410 | 18 | OMIT 2 | 103342119 | 127C | MOUNTING, APPARATUS (2/POS) 65T,44T,23T | | | | | |
| 1420 | 1 | 14 | 103342119 | 127C | MOUNTING, APPARATUS POS 11T,11B,23T,44T, 65T,79T,79B (2 PER POS.) | | | | | |
| 1430 | D | 4 | 103342119 | 127C | MOUNTING, APPARATUS POS 27T,48T (2/POS) | | | | | |
| 1440 | G | OMIT 6 | 103342119 | 127C | MOUNTING, APPARATUS POS 23T,44T,65T (2/POS) | | | | | |
| 1450 | 3 | OMIT 1 | 103752747 | 151B | BLANK, APPARATUS POS 14 | | | | | |
| 1451 | 3 | OMIT 1 | 104042114 | 158B | BLANK, APPARATUS POS 14 | | | | | |
| 1460 | 3 | OMIT 1 | 103752754 | 151C | BLANK, APPARATUS POS 26 | | | | | |
| 1461 | 3 | OMIT 1 | 104042122 | 158C | BLANK, APPARATUS POS 26 | | | | | |
| 1470 | 3 | OMIT 1 | 103752762 | 151D | BLANK, APPARATUS POS 31 | | | | | |
| 1471 | 3 | OMIT 1 | 104167531 | 158H | BLANK, APPARATUS POS 31 | | | | | |
| 1480 | 3 | OMIT 1 | 103755104 | 151F | BLANK, APPARATUS POS 33 | | | | | |
| 1481 | 3 | OMIT 1 | 104042163 | 158G | BLANK, APPARATUS POS 33 | | | | | |
| 1490 | G | OMIT 1 | 843769936 | | LABEL FRONT | | | | | |
| 1491 | G | OMIT 1 | 846804201 | | LABEL, DESIGNATION FRONT | | | | | |
| 1500 | G,H | OMIT 1 | 844697425 | | LABEL REAR | | | | | |
| 1510 | G | 1 | 845373356 | | LABEL FRONT | | | | | |
| 1511 | G | 1 | 846804102 | | LABEL, DESIGNATION FRONT | | | | | |
| 1520 | G | 1 | 845373364 | | LABEL REAR | | | | | |
| 1530 | G | 6 | 843772393 | | SPACER POS 19T,23T,40T, 44T,61T,65T | | | | | |

***** 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 | | |
| 1540 | 1 | 3 | 844695635 | | STRAP, GROUND | | | | | |
| 1550 | 1 | 3 | 842397796 | | HOLDER, KEY POS 19,40,61 E//W | | | | | |
| 1560 | 1 | 15 | 843436171 | | KEY, TUBULAR | | | | | |
| 1570 | 18 | 1 | 843772393 | | SPACER POS 65T,61T,44T, 40T,23T,19T | | | | | |
| 1580 | 1 | 1 | ED3F004-30,G13C | | CABLE, CONNECTORIZED | | | | | W* |
| 1590 | 1 | 1 | ED3F004-30,G13D | | CABLE, CONNECTORIZED | | | | | W* |
| 1600 | B D | OMIT 1 OMIT 1 | ED3F004-30,G13C G13C | | CABLE, CONNECTORIZED | | | | | |
| 1610 | B D | OMIT 1 OMIT 1 | ED3F004-30,G13D G13D | | CABLE, CONNECTORIZED | | | | | |
| 1620 | A | 1 | ED3F004-30,G13G | | CABLE, CONNECTORIZED | | | | | |
| 1630 | A | 1 | ED3F004-30,G13H | | CABLE, CONNECTORIZED | | | | | |
| 1640 | 11,18,25, 26 | 1 1 | 845053628 | | ASSEMBLY, BLANK APPLIQUE POS 19,23,40,44, 61,65 (REAR) | | | | | */ 8 |
| 1650 | 14,15,16, 17,29 | OMIT 1 OMIT 1 | 845053628 | | ASSEMBLY, BLANK APPLIQUE POS 19,23,40,44, 61,65 (REAR) | | | | | |
| 1660 | 1 | 1 | 103803649 | 495FA | UNIT, POWER FE CLEI PWPQAPVA FE CLEI=PWPQAC3A POS 87 | | | | | |
| 1670 | 1 | 1 | 104216437 | MC3F006A1 | PACK,CIRCUIT, MICROCODED POS 57 TN913 | | | | | |
| 1680 | 1 | 1 | 103929527 | UN122 | PACK,CIRCUIT POS 69 | | | | | |
| 1690 | 1 | 1 | 103929535 | UN123 | PACK,CIRCUIT POS 74 | | | | | |
| 1700 | 2 | 1 | 103803649 | 495FA | UNIT, POWER FE CLEI PWPQAPVA FE CLEI=PWPQAC3A POS 7 | | | | | |
| 1710 | 2 | 1 | 104216437 | MC3F006A1 | PACK,CIRCUIT, MICROCODED POS 36 TN913 | | | | | |
| 1720 | 2 | 1 | 103929527 | UN122 | PACK,CIRCUIT POS 48 | | | | | |
| 1730 | 2 | 1 | 103929535 | UN123 | PACK,CIRCUIT POS 53 | | | | | |
| 1740 | 3 | 1 | 104216437 | MC3F006A1 | PACK,CIRCUIT, MICROCODED POS 15 TN913 | | | | | |
| 1750 | 3 | 1 | 103929527 | UN122 | PACK,CIRCUIT POS 27 | | | | | |
| 1760 | 3 | 1 | 103929535 | UN123 | PACK,CIRCUIT POS 32 | | | | | |
| 1770 | 4 | 1 | 104152178 | MC3F001A1 | PACK,CIRCUIT, MICROCODED POS 65,44,23 TN916 | | | | | |

STOCKLIST CONTINUED ON SHEET D4

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RW99

SIGNALING AND PACKET
SWITCHING SYSTEMS
SPECIFICATION FOR
LINK NODE UNIT A
MOUNTED ON RING NODE FRAME

DWG SIZE
C2

ISSUE
61

LUCENT TECHNOLOGIES INC J3F011AB-1

SHEET
OF
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| STOCKLIST | | | | | | | | | |
|-----------|-----------------|--------------|--------------------|-----------|--|--------------------|------|-----|--|
| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | | |
| | | | | | | | SYM | NBR | |
| 1780 | 5 | 1 | 103882593 | MC3F002A1 | PACK,CIRCUIT, MICROCODED POS 65,44,23 TN916 | | | | |
| 1790 | 6 | 1 | 103882056 | MC3F003A1 | PACK,CIRCUIT, MICROCODED POS 65,44,23 TN916 | | | | |
| 1800 | 7 | 1 | 104216452 | MC3F004A1 | PACK,CIRCUIT, MICROCODED POS 65,44,23 TN917 | | | | |
| 1810 | 8 | 1 | 105736755 | MC3F022A1 | PACK,CIRCUIT, MICROCODED POS 65,44,23 TN917B | | | | |
| 1820 | 9 | 1 | 104234455 | TN915 | PACK,CIRCUIT POS 11,79 | | | | |
| 1830 | 10 | 1 | 103931028 | TN918 | PACK,CIRCUIT POS 11,79 | | | | |
| 1840 | 12,13 | 1 | 104293535 | MC3F007A1 | PACK,CIRCUIT, MICROCODED POS 57,36,15 TN922 | | | | |
| 1850 | 12,13,J | OMIT 1 | 104216437 | MC3F006A1 | PACK,CIRCUIT, MICROCODED POS 57,36,15 TN913 | | | | |
| 1860 | E,F | OMIT 2 | 843769746 | | BRACKET, MOUNTING | | | | |
| 1870 | E,F | OMIT 2 | 843769779 | | ANGLE, GROUNDING | | | | |
| 1880 | E,F | OMIT 1 | 843769761 | | SUPPORT, CABLE | | | | |
| 1890 | E,F | OMIT 1 | 843769753 | | COVER | | | | |
| 1900 | E,F | OMIT 1 | 103661484 | 171A | COVER, AIR CLOSURE | | | | |
| 1910 | E,F | OMIT 2 | 843771304 | | STRAP, GROUND | | | | |
| 1920 | E,F | OMIT 2 | 840059059 | | SCREW, PAN HEAD MACHINE .164-32 X 5/16 STEEL 289A FINISH | | | | |
| 1930 | E,F | OMIT 4 | 840059042 | | SCREW, PAN HEAD MACHINE .164-32 X 1/4 STEEL 289A FINISH | | | | |
| 1940 | E,F | OMIT 6 | 840059034 | | SCREW, PAN HEAD MACHINE .164-32 X 3/16 STEEL 289A FINISH | | | | |
| 1950 | E | 2 | 843079948 | | BRACKET, MOUNTING | | | | |
| 1960 | E,F | OMIT 8 | 840026835 | | SCREW, TTF SLOTTED HEX, WASHER HD .216-24 X 5/8 TAPPING TYPE (SWAGE FORM) STEEL ZINC PLATE 289A FINISH | | | | |
| 1970 | I | 14 | 842060840 | | SCREW, BUTTON HEAD MACHINE .112-40 X 7/16 | | | | |
| 1980 | I | 12 | 842060964 | | SCREW TORX .112-40 X 1/4 | | | | |
| 1990 | I | 14 | 842058547 | | SCREW, SLOT HEXAGON WASHER HEAD .112-40 X 7/16 IN. TYPE TT | | | | |
| 2000 | I | 8 | 842701716 | | WASHER, BACKPLANE | | | | |
| 2001 | I | 6 | 804236313 | P423631 | WASHER, EXTERNAL TOOTH LOCK .112 STEEL 289A FINISH | | | | |
| 2010 | I | 12 | 842058521 | | SCREW, HEXAGON WASHER HEAD .164-32 X 5/16 | | | | |
| 2020 | I | 12 | 842058539 | | SCREW, SLOT HEXAGON WASHER HEAD .112-40 X 1/4 IN. | | | | |
| 2021 | I | 12 | 900699398 | | SCREW, SLOTTED HEX WASHER HEAD .112-40 X 1/4 TAPPING TAPTITE CAMCAR TAPTITE PRODUCTS | | | | |
| 2030 | I | 12 | 843584160 | | SCREW, SOCKET HEAD CAP .112-40 X 1/2 THREAD ROLLING TYPE W TAPTITE ZINC PLATED | | | | |
| 2040 | I | 9 | 843584152 | | SCREW, SOCKET HEAD CAP .112-40 X 1/4 | | | | |
| 2050 | I | 6 | 840059034 | | SCREW, PAN HEAD MACHINE .164-32 X 3/16 STEEL 289A FINISH | | | | |
| 2060 | I | 2 | 840059059 | | SCREW, PAN HEAD MACHINE .164-32 X 5/16 STEEL 289A FINISH | | | | |
| 2070 | I | 4 | 840059042 | | SCREW, PAN HEAD MACHINE .164-32 X 1/4 STEEL 289A FINISH | | | | |

***** 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 | |
| 2080 | I | 8 | 840026835 | | SCREW, TTF SLOTTED HEX, WASHER HD .216-24 X 5/8 TAPPING TYPE (SWAGE FORM) STEEL ZINC PLATE 289A FINISH | | | | |
| 2090 | 11 | 1 | 104171442 | TN1317 | PACK,CIRCUIT POS 61,65_40, 44_19,23 | | | | |
| 2100 | 14 | 1 | 105152201 | 10A | ADAPTER, INTERFACE POS 65R,61R_44R, 40R_23R,19R | | | | 8 |
| 2110 | 15 | 1 | 105154389 | 11A | ADAPTER, INTERFACE POS 65R,61R_44R, 40R_23R,19R | | | | 8 |
| 2120 | 16 | 1 | 104177837 | 12A | ADAPTER, INTERFACE POS 65R,61R_44R, 40R_23R,19R | | | | 8 |
| 2130 | 17 | 1 | 104177845 | 13A | ADAPTER, INTERFACE POS 61R,65R,40R, 44R,19R,23R | | | | |
| 2140 | H | 1 | 845376243 | | LABEL FRONT | | | | |
| 2141 | H | 1 | 846804508 | | LABEL, DESIGNATION FRONT | | | | |
| 2150 | H | 1 | 845376235 | | LABEL | | | | |
| 2160 | 18 | 1 | 105021026 | MC3F009A1 | PACK,CIRCUIT, MICROCODED {TN1316} POS 65,61_44, 40_23,19 | | | | |
| 2170 | H | 1 | 845053578 | | PANEL | | | | */ |
| 2180 | H | 2 | 845053586 | | PANEL | | | | */ |
| 2190 | H | 1 | 845053594 | | PANEL | | | | */ |
| 2200 | J | 1 | 105008064 | MC3F012A1 | PACK,CIRCUIT, MICROCODED {TN922} POS 57,36,15 | | | | |
| 2210 | K | OMIT 1 | 103929527 | UN122 | PACK,CIRCUIT POS 69,48,27 | | | | |
| 2220 | K | OMIT 1 | 103929535 | UN123 | PACK,CIRCUIT POS 74,53,32 | | | | |
| 2230 | K | 1 | 104197504 | UN122B | PACK,CIRCUIT POS 69,48,27 | | | | |
| 2240 | K | 1 | 104197512 | UN123B | PACK,CIRCUIT POS 74,53,32 | | | | |
| 2250 | H | 1 | 845600220 | | MOUNTING, BACKPLANE APPLIQUE | | | | */ |
| 2260 | H | 1 | 845053560 | | BRACKET, CABLE | | | | */ |
| 2270 | H | 12 | 840059067 | | SCREW, PAN HEAD MACHINE .164-32 X 3/8 STEEL 289A FINISH | | | | */ |
| 2280 | L,N | OMIT 1 | 845373356 | | LABEL FRONT | | | | |
| 2281 | L,N | OMIT 1 | 846804102 | | LABEL, DESIGNATION FRONT | | | | |

STOCKLIST CONTINUED ON SHEET D5

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RW99

SIGNALING AND PACKET
SWITCHING SYSTEMS
SPECIFICATION FOR
LINK NODE UNIT A
MOUNTED ON RING NODE FRAME

DWG SIZE C2 ISSUE 61

LUCENT TECHNOLOGIES INC J3F011AB-1

SHEET D4 OF 37

| STOCKLIST | | | | | | | | | |
|-----------|-----------------|------------------|--------------------|-----------|---|--------------------|------|-----|----|
| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | | |
| | | | | | | | SYM | NBR | |
| 2290 | L | 1 | 845599380 | | LABEL FRONT | | | | |
| 2291 | L | 1 | 846804128 | | LABEL, DESIGNATION FRONT | | | | |
| 2300 | 19 | 1 | 105175020 | MC3F014A1 | PACK,CIRCUIT, MICROCODED {UN303} POS 69,48,27 | | | | |
| 2310 | 19,22,28,34,39 | OMIT 1 OMIT 1 | 105008064 | MC3F012A1 | PACK,CIRCUIT, MICROCODED {TN922} POS 57,36,15 | | | | |
| 2320 | 19,22,28,34,39 | OMIT 1 OMIT 1 | 104197504 | UN122B | PACK,CIRCUIT POS 69,48,27 | | | | |
| 2330 | 19,22,28,34,39 | OMIT 1 OMIT 1 | 104197512 | UN123B | PACK,CIRCUIT POS 74,53,32 | | | | |
| 2340 | 19,22 | 1 | 103752747 | 151B | BLANK, APPARATUS POS 56,35,14 | | | | |
| 2341 | 19,22,28,34 | 1 | 104042114 | 158B | BLANK, APPARATUS POS 56,35,14 | | | | |
| 2350 | 19,22 | 1 | 103755062 | 151K | BLANK, APPARATUS POS 73,52,31 | | | | |
| 2351 | 19,22,28,34 | 1 | 104042155 | 158F | BLANK, APPARATUS POS 73,52,31 | | | | 7 |
| 2360 | N | 1 | 845600642 | | LABEL FRONT | | | | |
| 2361 | N | 1 | 846804169 | | LABEL, DESIGNATION FRONT | | | | |
| 2370 | N | 1 | 845600675 | | LABEL REAR | | | | |
| 2375 | N | 1 | 847594074 | | LABEL, DESIGNATION REAR | | | | 11 |
| 2380 | N | OMIT 1 | 845599380 | | LABEL FRONT | | | | |
| 2390 | N | OMIT 1 | 845373364 | | LABEL REAR | | | | |
| 2400 | 20 | 1 | 104382130 | TN1506 | PACK,CIRCUIT POS 11,79 | | | | |
| 2410 | M | OMIT 1 | 843769936 | | LABEL FRONT | | | | |
| 2411 | M | OMIT 1 | 846804201 | | LABEL, DESIGNATION FRONT | | | | |
| 2420 | M | OMIT 1 | 844697425 | | LABEL REAR | | | | |
| 2430 | M | 1 | 845602572 | | STRIP DESIGNATION (FRONT) | | | | |
| 2431 | M | 1 | 846804243 | | LABEL, DESIGNATION FRONT | | | | |
| 2440 | M | 1 | 845602606 | | STRIP DESIGNATION (REAR) | | | | |
| 2450 | 21 | 1 | 104386164 | 14A | ADAPTER, INTERFACE POS 65R,44R,23R | | | | |
| 2460 | 21 | OMIT 2 | 103342119 | 127C | MOUNTING, APPARATUS (2 PER POS) POS 65T,44T,23T | | | | |
| 2470 | 21 | 1 | 843772393 | | SPACER POS 65T,44T,23T | | | | |
| 2480 | P | OMIT 1 | 104197504 | UN122B | PACK,CIRCUIT POS 69,48,27 | | | | |
| 2490 | P | OMIT 1 | 104197512 | UN123B | PACK,CIRCUIT POS 74,53,32 | | | | |
| 2500 | P | 1 | 104409800 | UN122C | PACK,CIRCUIT POS 69,48,27 | | | | |

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

J3F011AB-1

| STOCKLIST | | | | | | | | | |
|-----------|-----------------|--------------|--------------------|------------|---|--------------------|------|-----|--|
| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | | |
| | | | | | | | SYM | NBR | |
| 2510 | P | 1 | 104197512 | UN123B | PACK,CIRCUIT POS 74,53,32 | | | | |
| 2520 | R | 1 | ED3F004-31,G55 | | CABLE, CONNECTORIZED POS 57-69,36-48,15-27 | | | | |
| 2530 | R | 2 | 103342119 | 127C | MOUNTING, APPARATUS POS. 69B, 57B, 48B, 36B, 27B OR 15B EQUIP POS. 69B FIRST, 15B LAST. | | | | |
| 2540 | 25 | 1 | 104435839 | TN1640 | PACK,CIRCUIT POS 61,65,40,44_19,23 | | | | |
| 2541 | 25 | 1 | 107214934 | TN1640B | PACK,CIRCUIT POS 61,65,40,44_ | | | | |
| 2550 | 22 | 1 | 105374078 | MC3F018A1 | PACK,CIRCUIT, MICROCODED {UN303B} POS 69,48,27 | | | | |
| 2560 | 23 | 1 | 104382163 | TN1509 | PACK,CIRCUIT POS 11,79 | | | | |
| 2570 | 24 | 1 | 104382155 | TN1508 | PACK,CIRCUIT POS 11,79 | | | | |
| 2571 | 24 | 1 | 108314055 | TN1508B | PACK,CIRCUIT IFB-16K/ INTER-FRAME BUFFER POS 11,79 | | | | |
| 2580 | S | 2 | ED3F064-37,G46 | | CABLE, CONNECTORIZED POS 32R,74R (FIG. 4) (FIG. 4A) | | | | |
| 2590 | S | 2 | 104371547 | 12B | RETAINER POS 32R,74R (FIG. 4) (FIG. 4A) | | | | |
| 2600 | 26 | 1 | 106003809 | TN1317B | PACK,CIRCUIT POS 65,61,44,40,23,19 | | | | |
| 2610 | 28 | 1 | 106218316 | MC3F026A1 | PACK,CIRCUIT, MICROCODED (UN303B) POS 69,48,27 | | | | |
| 2611 | 28 | 1 | 107025009 | MC3F026A1B | PACK,CIRCUIT, MICROCODED (UN303C) POS 69,48,27 MICROCODED | | | | |
| 2620 | 30,32 | 1 | 106197833 | 982YB | CONNECTOR, ADAPTER FEMALE, 24 CONDUCTOR POS 65T,44T,23T (REAR) | | | | |
| 2630 | 30 | 1 | ED3F064-37,G74 | | CABLE, CONNECTORIZED POS 65T,44T,23T (REAR) (CONNECTORIZED CABLE) | | | | |
| 2640 | 30 | OMIT 1 | 843772393 | | SPACER POS 65T,44T,23T (REAR) | | | | |
| 2650 | 30 | 2 | 103342119 | 127C | MOUNTING, APPARATUS POS 65T,44T OR 23T (2/POS)(REAR) EQUIP HIGHEST POS FIRST | | | | |
| 2660 | 31,32,37 | 1 | 106273949 | MC3F027A1 | PACK,CIRCUIT (TN1669) POS 65,44,23 | | | | |
| 2670 | 34 | 1 | 106389893 | MC3F024A1 | PACK,CIRCUIT (UN304) POS 69,43,27 | | | | |

STOCKLIST CONTINUED ON SHEET D6

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RW99

SIGNALING AND PACKET SWITCHING SYSTEMS SPECIFICATION FOR LINK NODE UNIT A MOUNTED ON RING NODE FRAME

DWG SIZE C2 ISSUE 61

LUCENT TECHNOLOGIES INC J3F011AB-1

SHEET D5 OF 37

| STOCKLIST | | | | | | | | |
|-----------|-----------------|--------------|--------------------|------------|--|--------------------|------|-----|
| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | |
| | | | | | | | SYM | NBR |
| 2671 | 34 | 1 | 106938467 | MC3F024A1B | PACK,CIRCUIT, MICROCODED (UN304) POS 69, 48, 27 | | | |
| 2672 | 34 | 1 | 107893034 | MC3F024A1C | PACK,CIRCUIT (UN304) POS 69, 48, 27 | | | |
| 2680 | 33 | 1 | 106501075 | TN1803 | PACK,CIRCUIT POS 11,79 | | | |
| 2681 | 33 | 1 | 108314063 | TN1803B | PACK,CIRCUIT IFB-6K/8/ INTER-FRAME BUFFER POS 11,79 | | | |
| 2690 | U | OMIT | 1 | 846804102 | LABEL, DESIGNATION DESIGNATION FRONT | | | |
| 2700 | U | OMIT | 1 | 845373364 | LABEL REAR DESIGNATION | | | |
| 2710 | U | 1 | 846908911 | | LABEL, IDENTIFICATION DESIGNATION FRONT | | | |
| 2720 | U | 1 | 846908952 | | LABEL, IDENTIFICATION DESIGNATION REAR | | | |
| 2730 | 29 | 1 | 106464746 | 13B | PACK,CIRCUIT POS 61R,65R-40R,44R-19R,23R | | 8 | |
| 2740 | 35 | 1 | 106776669 | MC3F029A1 | PACK,CIRCUIT, MICROCODED POS 65, 44, 23 (TN917B) | | | |
| 2750 | 36 | 1 | 106776677 | MC3F030A1 | PACK,CIRCUIT, MICROCODED (TN916) | | | |
| 2760 | V | 1 | 846978468 | | KIT, MEMORY (MC3F022A1 TO MC3F029A1) | | S | |
| 2770 | W | 1 | 846978476 | | KIT, MEMORY (MC3F003A1 TO MC3F030A1) | | S | |
| 2780 | X | 1 | 847045788 | | KIT, MEMORY ERASABLE PROGRAMMABLE | | S | |
| 2790 | 37 | 1 | 104177761 | 982TW | CONNECTOR PRINTED CKT BD POS 65R,44R,23R | | | |
| 3000 | 100 | 1 | 103316097 | 1080A | PLATE, MOUNTING E/W SK. A | | | |
| 3010 | 100 | 1 | 104192968 | 132G | MOUNTING, APPARATUS | | | |
| 3020 | 100 | 4 | 845217108 | | GUIDE, BOTTOM CARD | | | |
| 3030 | 100 | 4 | 845216100 | | GUIDE, TOP CARD | | | |
| 3040 | 100 | 1 | ED3F013-30,G1 | | BOARD, MULTILEVEL PRINTED WIRING | | | |
| 3050 | 100 | 8 | 103316287 | 8A | SPACER (TOP & BOTTOM) | | | |
| 3060 | 100 | 2 | 103316295 | 9A | SPACER (SIDE) | | | |
| 3070 | 100 | 3 | 843583915 | | STIFFENER | | | |
| 3080 | 100 | 3 | 843245044 | | BAR, CLAMPING | | | |
| 3090 | 100 | 2 | 843584178 | | PIN, LOCATING BROWN | | | |
| 3110 | 100 | 24 | 103342119 | 127C | MOUNTING, APPARATUS POS. 11T (2), 11B (2), 15B (1), 23B (1), 27T (2), 27B (2), 36B (1), 44B (1), 48T (2), 48B (2), 57B (1), 65B (1), 69B (2), 79T (2), 79B (2) | | | |
| 3120 | 100 | 1 | 103752721 | 150A | BLANK, APPARATUS | | | |
| 3130 | 100 | 1 | 104042106 | 158A | BLANK, APPARATUS POS. 88 | | | |

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

J3F011AB-1

| STOCKLIST | | | | | | | | |
|-----------|--|---|--------------------|----------------|--|-------------------------|------|-----|
| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | |
| | | | | | | | SYM | NBR |
| 3140 | 107,107A, 110,120, 120A, 120B, 120C, 120D, 120E,121, 130,140, 140A, 140B, 140C, 140D, 140E | 2 2 2 2 2 2 2 2 2 2 2 | 104042114 | 158B | BLANK, APPARATUS POS. 35,56 | | | |
| 3150 | 110,130 | 8 | 104042122 | 158C | BLANK, APPARATUS POS. 2, 6 10, 14, 18, 22, 39, 43 | | | |
| 3160 | 107,107A, 110,130 | 5 5 | 104167531 | 158H | BLANK, APPARATUS POS. 27, 32, 48, 53, 74 | | | |
| 3170 | 100 | 1 | 103276416 | 151A | STRIP, DESIGNATION E/W | | | |
| 3180 | 100 | 1 | 846804169 | | LABEL, DESIGNATION (FRONT) | | | |
| 3190 | 100 | 1 | 845600675 | | LABEL REAR | | | |
| 3195 | 100 | 1 | 847594074 | | LABEL, DESIGNATION REAR | | | 11 |
| 3201 | Y | OMIT | 2 | ED3F064-37,G46 | CABLE, CONNECTORIZED (PROGRAMMING RESISTORS) POS 32R,74R | | | |
| 3211 | Y | OMIT | 2 | 104371547 | 12B | RETAINER POS 32R,74R | | |
| 3215 | Z | 1 | 847572211 | | KIT, CABLE | | | S |
| 3220 | 100 | 2 | 843771296 | | STRAP, GROUND | | | |
| 3230 | 100 | 3 | 844695635 | | STRAP, GROUND | | | |
| 3240 | 100 | 6 | 843772393 | | SPACER POS. 19T, 23T, 40T, 44T, 61T, 65T | | | |
| 3250 | 100 | 13 | 842397796 | | HOLDER, KEY E/W POS. 7, 11, 19, 23, 27, 40, 44, 48, 61, 65, 69, 79, 87 | | | |
| 3260 | 100 | 65 | 843436171 | | KEY, TUBULAR | | | |
| 3270 | 100 | 3 | ED3F004-31,G55 | | CABLE, CONNECTORIZED (FIG. 4A) | | | |
| 3280 | 100 | 14 | 842058547 | | SCREW, SLOT HEXAGON WASHER HEAD .112-40 X 7/16 IN. TYPE TT | | | |
| 3290 | 100 | 8 | 842701716 | | WASHER, BACKPLANE | | | |
| 3300 | 100 | 6 | 804236313 | P423631 | WASHER, EXTERNAL TOOTH LOCK .112 STEEL 289A FINISH | | | |
| 3310 | 100 | 12 | 842058521 | | SCREW, HEXAGON WASHER HEAD .164-32 X 5/16 | | | |

STOCKLIST CONTINUED ON SHEET D7

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RW99

SIGNALING AND PACKET
SWITCHING SYSTEMS
SPECIFICATION FOR
LINK NODE UNIT A
MOUNTED ON RING NODE FRAME

DWG SIZE
C2

ISSUE
61

LUCENT TECHNOLOGIES INC J3F011AB-1

SHEET D6
OF 37

| STOCKLIST | | | | | | | | |
|-----------|------------------|--------------|--------------------|------------|--|--------------------|------|-----|
| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | |
| | | | | | | | SYM | NBR |
| 3320 | 100 | 12 | 900699398 | | SCREW, SLOTTED HEX WASHER HEAD .112-40 X 1/4 TAPPING TAPTITE CAMCAR TAPTITE PRODUCTS | | | |
| 3330 | 100 | 12 | 843584160 | | SCREW, SOCKET HEAD CAP .112-40 X 1/2 THREAD ROLLING TYPE W TAPTITE ZINC PLATED | | | |
| 3340 | 100 | 9 | 843584152 | | SCREW, SOCKET HEAD CAP .112-40 X 1/4 | | | |
| 3350 | 110 | 2 | 104435839 | TN1640 | PACK,CIRCUIT POS. 61, 65 | | | |
| 3351 | 107,107A, 110 | 2 2 | 107214934 | TN1640B | PACK,CIRCUIT POS 61,65 | | | |
| 3352 | 107,107A, 110 | 2 2 | 108398512 | TN1640C | PACK,CIRCUIT MDL/ MEMORY DATA LINK POS 61, EQL 126; POS 65, EQL 134 | | | |
| 3355 | 107A | 1 | 106938467 | MC3F024A1B | PACK,CIRCUIT, MICROCODED (UN304) (IRN2) POS 69 | | | |
| 3356 | 107A | 1 | 107893034 | MC3F024A1C | PACK,CIRCUIT (UN304) (IRN2) POS 69 | | | |
| 3360 | 110 | 1 | 106218316 | MC3F026A1 | PACK,CIRCUIT, MICROCODED POS. 69 (UN303B) | | | |
| 3361 | 107,110 | 1 | 107025009 | MC3F026A1B | PACK,CIRCUIT, MICROCODED (UN303C) POS 69 MICROCODED | | | |
| 3370 | 110 | 1 | 106501075 | TN1803 | PACK,CIRCUIT POS. 79 | | | |
| 3371 | 110 | 1 | 108314063 | TN1803B | PACK,CIRCUIT IFB-6K/8/ INTER-FRAME BUFFER POS. 79 | | | |
| 3380 | 107,107A, 110 | 1 1 | 103803649 | 495FA | UNIT, POWER FE CLEI PWPQAPVA FE CLEI=PWPQAC3A POS. 87 | | | |
| 3420 | 130 | 1 | 845600220 | | MOUNTING, BACKPLANE APPLIQUE | | | */ |
| 3430 | 130 | 1 | 845053560 | | BRACKET, CABLE | | | */ |
| 3440 | 130 | 12 | 842058521 | | SCREW, HEXAGON WASHER HEAD .164-32 X 5/16 | | | */ |
| 3450 | 130 | 1 | 845053578 | | PANEL | | | */ |
| 3460 | 130 | 2 | 845053586 | | PANEL | | | */ |
| 3470 | 130 | 1 | 845053594 | | PANEL | | | */ |
| 3480 | 130 | 4 | 402697858 | | HOLDER, TIE CABLE | | | */ |
| 3490 | 130 | 6 | 845053628 | | ASSEMBLY, BLANK APPLIQUE | | | */ |
| 3500 | 130 | 5 | 103342119 | 127C | MOUNTING, APPARATUS | | | */ |
| 3503 | 130 | 2 | 847411865 | | BRACKET, MOUNTING UNIT MOUNTING BRACKETS | | | |
| 3507 | 130 | 4 | 840026835 | | SCREW, TTF SLOTTED HEX, WASHER HD .216-24 X 5/8 TAPPING TYPE (SWAGE FORM) STEEL ZINC PLATE 289A FINISH SCREWS FOR UNIT MOUNTING BRKTS | | | |
| 3510 | 130 | 5 | 104042122 | 158C | BLANK, APPARATUS POS. 60, 64, 78, 82, 86 | | | |
| 3520 | 130 | 1 | 104167531 | 158H | BLANK, APPARATUS POS. 69 | | | |
| 3525 | 130 | 2 | 406747568 | WP92458L11 | FUSE, 10.0 A 250 V | | | */ |
| 3530 | AE | 4 | 840059042 | | SCREW, PAN HEAD MACHINE .164-32 X 1/4 STEEL 289A FINISH | | | |
| 3540 | AE | 2 | 840059059 | | SCREW, PAN HEAD MACHINE .164-32 X 5/16 STEEL 289A FINISH | | | |

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

J3F011AB-1

| STOCKLIST | | | | | | | | |
|-----------|---|----------------------------------|--------------------|------------|---|--------------------|------|-----|
| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | |
| | | | | | | | SYM | NBR |
| 3550 | AE | 1 | 843769761 | | SUPPORT, CABLE | | | |
| 3560 | AE | 2 | 847289642 | | BRACKET, MOUNTING | | | |
| 3570 | 38 | 1 | 106776685 | MC3F031A1 | PACK,CIRCUIT, MICROCODED (TN1630B) POS 19 OR 61 | | | |
| 3580 | 140,140A, 140B, 140C, 140D, 140E | 9 9 9 9 9 | 104042122 | 158C | BLANK, APPARATUS POS 10, 22, 39, 43, 60, 64, 78, 82, 86 | | | |
| 3583 | 140J | 10 | 104042122 | 158C | BLANK, APPARATUS POS 10, 14, 22, 39, 43, 60, 64, 78, 82, 86 | | | |
| 3590 | 140,140A, 140B, 140C, 140D, 140E, 140J | 5 5 5 5 5 5 | 104167531 | 158H | BLANK, APPARATUS POS 32, 48, 53, 69, 74 | | | |
| 3593 | 130 | 2 | 996512588 | | BUSHING, SNAP | | | */ |
| 3597 | 130 | 2 | ED3F064-37,G79 | | CABLE, CONNECTORIZED | | | */ |
| 3600 | 140,140A, 140B, 140C, 140D, 140E, 140J | 1 1 1 1 1 1 | 103803649 | 495FA | UNIT, POWER FE CLEI PWPQAPVA FE CLEI=PWPQAC3A POS 7 | | | |
| 3610 | 140,140A, 140B, 140C, 140D, 140E, 140J | 1 1 1 1 1 1 | 106938467 | MC3F024A1B | PACK,CIRCUIT, MICROCODED (UN304) POS 27 | | | |
| 3612 | 140,140A, 140B, 140C, 140D, 140E, 140J | 1 1 1 1 1 1 | 107893034 | MC3F024A1C | PACK,CIRCUIT (UN304) POS 27 | | | |
| 3619 | 120 | OMIT 1 | 104042114 | 158B | BLANK, APPARATUS POS 56 | | | |
| 3620 | 120,120A, 120B, 120C, 120D, 120E, 120J,121 | 10 10 10 10 10 10 | 104042122 | 158C | BLANK, APPARATUS POS 2, 6, 10, 14, 18, 22, 39, 43, 64, 78 | | | |
| 3624 | 121 | 1 | 104042122 | 158C | BLANK, APPARATUS POS 60 | | | |
| 3627 | 120J | 1 | 104042114 | 158B | BLANK, APPARATUS POS 56 | | | |
| 3630 | 120,120A, 120B, 120C, 120D, 120E, 120J,121 | 5 5 5 5 5 5 | 104167531 | 158H | BLANK, APPARATUS POS 27, 32, 48, 53 & 74 | | | |

STOCKLIST CONTINUED ON SHEET D8

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RW99

SIGNALING AND PACKET
SWITCHING SYSTEMS
SPECIFICATION FOR
LINK NODE UNIT A
MOUNTED ON RING NODE FRAME

DWG SIZE C2 ISSUE 61

LUCENT TECHNOLOGIES INC J3F011AB-1

SHEET D7 OF 37

PRINTED IN U.S.A.

| STOCKLIST | | | | | | | | |
|-----------|--|---------------------------------|--------------------|------------|--|--------------------|------|-----|
| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | |
| | | | | | | | SYM | NBR |
| 3640 | 140 | 1 | 106776685 | MC3F031A1 | PACK,CIRCUIT, MICROCODED (TN1630B) POS 19 | | | |
| 3650 | 120 | 1 | 106776685 | MC3F031A1 | PACK,CIRCUIT, MICROCODED (TN1630B) POS 61 | | | |
| 3660 | 120,120A,120B,120C,120D,120E,120J,121,AB | 1 1 1 1 1 1 1 | 103803649 | 495FA | UNIT, POWER FE CLEI PWPQAPVA POS 87 FE CLEI=PWPQAC3A | | | |
| 3670 | 120,120A,120B,120C,120D,120E,120J | 1 1 1 1 1 1 | 106938467 | MC3F024A1B | PACK,CIRCUIT, MICROCODED (UN304) POS 69 | | | |
| 3672 | 120,120A,120B,120C,120D,120E,120J | 1 1 1 1 1 1 | 107893034 | MC3F024A1C | PACK,CIRCUIT (UN304) POS 69 | | | |
| 3680 | 39 | 1 | 106974082 | UN397 | PACK,CIRCUIT POS 69,48,27 | | | |
| 3690 | 40 | 1 | 107248395 | TN2520 | PACK,CIRCUIT POS 65,44,23 | | | |
| 3700 | 40 | 1 | 103342119 | 127C | MOUNTING, APPARATUS POS 65T, 44T OR 23T EQUIP HIGHEST POS FIRST. | | | |
| 3710 | 40 | 1 | 847457868 | | LABEL, INFORMATION (ULN) (FRONT) POS 1ST,2ND OR 3RD NODE | | | |
| 3720 | 40 | 1 | 847457876 | | LABEL, INFORMATION (ULN) (REAR) POS 1ST,2ND OR 3RD NODE | | | |
| 3730 | 101 | 1 | 107214934 | TN1640B | PACK,CIRCUIT POS. 23, EQL 050 | | | |
| 3740 | 104 | 1 | 107214934 | TN1640B | PACK,CIRCUIT POS. 44, EQL 092 | | | |
| 3745 | 101,104 | 1 | 108398512 | TN1640C | PACK,CIRCUIT MDL/ MEMORY DATA LINK LIST 101: POS 23 EQL 050 LIST 104: POS 44 EQL 092 | | | |
| 3750 | 102,102A | 2 | 107214934 | TN1640B | PACK,CIRCUIT POS. 19,23 | | | |
| 3755 | 102A,103A | 1 1 | 106938467 | MC3F024A1B | PACK,CIRCUIT, MICROCODED (UN304) POS 27 | | | |
| 3760 | 105,105A | 2 | 107214934 | TN1640B | PACK,CIRCUIT POS. 40,44 | | | |
| 3761 | 102,102A,105,105A | 2 2 | 108398512 | TN1640C | PACK,CIRCUIT MDL/ MEMORY DATA LINK LIST 102,102A: POS 19 & 23 EQL 042 & 050 LIST 105,105A: POS 40 & 44 EQL 084 & 092 | | | |
| 3765 | 105A,106A | 1 1 | 106938467 | MC3F024A1B | PACK,CIRCUIT, MICROCODED (UN304) POS 48 | | | |
| 3766 | 102A,103A,105A,106A | 1 1 1 1 | 107893034 | MC3F024A1C | PACK,CIRCUIT (UN304) LISTS 102A & 103A: POS 27, EQL 058 LISTS 105A & 106A: POS 48, EQL 100 | | | |
| 3770 | 101,102,103 | 1 1 | 107025009 | MC3F026A1B | PACK,CIRCUIT, MICROCODED MICROCODED (UN303C) POS. 27 | | | |
| 3780 | 104,105,106 | 1 1 | 107025009 | MC3F026A1B | PACK,CIRCUIT, MICROCODED MICROCODED (UN303C) POS 48 | | | |
| 3790 | 103,103A | 1 | 105021026 | MC3F009A1 | PACK,CIRCUIT, MICROCODED MICROCODED (TN1316) POS. 23 | | | |
| 3800 | 106,106A | 1 | 105021026 | MC3F009A1 | PACK,CIRCUIT, MICROCODED MICROCODED (TN1316) POS. 44 | | | |

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

J3F011AB-1

| STOCKLIST | | | | | | | | |
|-----------|--------------------------|--------------|--------------------|------------|---|--------------------|------|-----|
| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | |
| | | | | | | | SYM | NBR |
| 3810 | 103,103A | 1 | 845053628 | | ASSEMBLY, BLANK APPLIQUE BLANK APPLIQUE POS. 19R | | | */ |
| 3820 | 106,106A | 1 | 845053628 | | ASSEMBLY, BLANK APPLIQUE BLANK APPLIQUE POS. 40R | | | */ |
| 3830 | 103,103A | 1 | 106197833 | 982YB | CONNECTOR, ADAPTER FEMALE, 24 CONDUCTOR ADAPTER FEMALE 24 CONDUCTOR POS. 23T(R) | | | |
| 3840 | 106,106A | 1 | 106197833 | 982YB | CONNECTOR, ADAPTER FEMALE, 24 CONDUCTOR ADAPTER FEMALE 24 CONDUCTOR 44T(R) | | | |
| 3850 | 103,103A | 1 | ED3F064-37,G74 | | CABLE, CONNECTORIZED POS. 23T(R) | | | |
| 3860 | 106,106A | 1 | ED3F064-37,G74 | | CABLE, CONNECTORIZED POS. 44T(R) | | | |
| 3870 | 103,103A | 2 | 103342119 | 127C | MOUNTING, APPARATUS APPARATUS POS. 23T(R) 2/POS | | | |
| 3880 | 106,106A | 2 | 103342119 | 127C | MOUNTING, APPARATUS APPARATUS POS. 44T(R) 2/POS | | | |
| 3890 | 104,105,105A,106,106A,AA | 1 1 1 | 103803649 | 495FA | UNIT, POWER FE CLEI PWPQAPVA POWER POS. 7 FE CLEI=PWPQAC3A | | | |
| 3900 | 120A | 1 | 107428062 | TN1720A | PACK,CIRCUIT POS. 61 | | | |
| 3910 | 120B | 1 | 107428070 | TN1720B | PACK,CIRCUIT POS. 61 | | | |
| 3920 | 120C | 1 | 107428088 | TN1720C | PACK,CIRCUIT POS. 61 | | | |
| 3930 | 120D | 1 | 107428096 | TN1720D | PACK,CIRCUIT POS. 61 | | | |
| 3940 | 120E | 1 | 107428104 | TN1720E | PACK,CIRCUIT POS. 61 | | | |
| 3942 | 120J | 1 | 108079609 | TN2523 | PACK,CIRCUIT ATTACHED PROCESSOR WITH MEMORY CIRCUIT AP60 POS 61, EQL 126 | | | |
| 3945 | 121 | 1 | 107025009 | MC3F026A1B | PACK,CIRCUIT, MICROCODED (UN303C) POS. 69 | | | |
| 3950 | 140A | 1 | 107428062 | TN1720A | PACK,CIRCUIT POS. 19 | | | |
| 3960 | 140B | 1 | 107428070 | TN1720B | PACK,CIRCUIT POS. 19 | | | |
| 3970 | 140C | 1 | 107428088 | TN1720C | PACK,CIRCUIT POS. 19 | | | |
| 3980 | 140D | 1 | 107428096 | TN1720D | PACK,CIRCUIT POS. 19 | | | |
| 3990 | 140E | 1 | 107428104 | TN1720E | PACK,CIRCUIT POS. 19 | | | |
| 4020 | 140J | 1 | 108079609 | TN2523 | PACK,CIRCUIT ATTACHED PROCESSOR WITH MEMORY CIRCUIT AP60 POS 19, EQL 42 | | | |

STOCKLIST CONTINUED ON SHEET D9

| | |
|--|-------------|
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| RW99 | |
| SIGNALING AND PACKET SWITCHING SYSTEMS SPECIFICATION FOR LINK NODE UNIT A MOUNTED ON RING NODE FRAME | |
| DWG SIZE C2 | ISSUE 61 |
| LUCENT TECHNOLOGIES INC | J3F011AB-1 |
| SHEET OF | D8 37 |

STOCKLIST

| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | |
|----------|------------------------|--------------|--------------------|------------|---|--------------------|------|-----|
| | | | | | | | SYM | NBR |
| 4100 | 150H, 151H, 152H | 1 1 1 | 108236753 | TN4016 | PACK,CIRCUIT ETHERNET LINK INTERFACE (150H): POS. 23, EQL 50 (151H): POS. 44, EQL 92 (152H): POS. 65, EQL 134 | | | |
| 4120 | 153H | 1 | 108236753 | TN4016 | PACK,CIRCUIT ETHERNET LINK INTERFACE FIELD INSTALLATION | | | 12 |
| 4140 | 150H, 151H, 152H | 1 1 1 | 106708837 | 9822EB | CONNECTOR, ELECTRICAL ASSEMBLY (150H): POS. 23, EQL 50 (151H): POS. 44, EQL 92 (152H): POS. 65, EQL 134 | | | |
| 4160 | 153H | 1 | 106708837 | 9822EB | CONNECTOR, ELECTRICAL ASSEMBLY FIELD INSTALLATION | | | 12 |
| 4180 | 150H, 151H, 152H | 1 1 1 | 107893034 | MC3F024A1C | PACK,CIRCUIT (150H): POS. 27, EQL 58 (151H): POS. 48, EQL 100 (152H): POS. 69, EQL 142 | | | |
| 4200 | 153H | 1 | 107893034 | MC3F024A1C | PACK,CIRCUIT FIELD INSTALLED | | | |
| 4220 | 150H 151H 152H | 1 1 1 | ED3F004-31,G155 | | CABLE, CONNECTORIZED | | | |
| 4240 | 153H | 1 | ED3F004-31,G155 | | CABLE, CONNECTORIZED FIELD INSTALLED | | | 12 |
| 4250 | 153H | 2 | 103342119 | 127C | MOUNTING, APPARATUS (FIELD INSTALLED) | | | * |
| 4300 | 160J | 1 | 108079609 | TN2523 | PACK,CIRCUIT ATTACHED PROCESSOR WITH MEMORY CIRCUIT POS 40, EQL 084 | | | |
| 4320 | 160J | 1 | 107893034 | MC3F024A1C | PACK,CIRCUIT POS 48, EQL 100 | | | |
| 4340 | 160J | 10 | 104042122 | 158C | BLANK, APPARATUS POS 10, 14, 18, 22, 43, 60, 64, 78, 82 86 | | | |
| 4350 | 160J | 5 | 104167531 | 158H | BLANK, APPARATUS POS 27, 32, 53, 69, 74 | | | |
| 4360 | 160J | 2 | 104042114 | 158B | BLANK, APPARATUS POS 35, 56 | | | |

***** END OF STOCKLIST *****

TABLE E

(SEE NOTE 59) (NOT UPDATED AFTER ISSUE 43)

LEGEND: X = LISTS ALWAYS REQUIRED 68 = SEE NOTE 68
O = OPTIONAL LISTS
- = NOT REQUIRED

| APPLICATION | MOUNTED ON (FR/CAB) | LISTS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---------------------|-------|---|---|---|----|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|--|--|--|--|--|--|--|
| | | 1 | 2 | 3 | 4 | SJ | 6 | 7 | 8 | 9 | 10 | 11 | 14 | 15 | 16 | 29 | 18 | K | B | C | D | | | | | | | | |
| 2 STP | J3F011A-1(RNF) | X | X | X | O | - | O | O | O | - | O | - | - | - | - | - | - | - | X | O | O | - | | | | | | | |
| NCP_MODEL 1 | J3F011B-1(RNF) | X | O | O | O | - | O | O | O | X | - | - | - | - | - | - | - | X | - | - | X | | | | | | | | |
| NCP_MODEL 3 | J3F011D-1(RNC) | X | O | O | O | - | O | O | O | X | - | - | - | - | - | - | - | X | - | - | X | | | | | | | | |
| 1PSS-R4 | J3F011E-1(RNC) | X | O | O | - | - | - | - | O | O | X | O | O | O | O | - | X | - | O | X | | | | | | | | | |
| 4E-ATT/NSD | J3F011E-1(RNC) | X | O | O | - | - | - | O | O | - | - | - | O | - | O | X | - | - | X | | | | | | | | | | |
| 2ASTP/A-I-NET | J3F011E-1(RNC) | X | X | X | - | X | X | - | O | O | - | - | - | - | - | - | X | - | O | X | | | | | | | | | |
| AUTOPLEX1000 | J3F011E-1(RNC) | X | O | O | - | - | - | O | O | - | - | O | O | O | - | X | - | - | O | X | | | | | | | | | |
| 1PSS-R3/R4 | J3F011F-1(RNF) | X | O | O | - | - | - | O | - | - | O | O | O | O | - | X | - | O | X | | | | | | | | | | |

| APPLICATION | MOUNTED ON (FR/CAB) | LISTS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---------------------|-------|---|---|---|---|----|----|----|---|----|----|----|----|----|----|----|----|---|---|---|--|--|--|--|--|--|--|--|
| | | E | F | G | H | J | SA | SB | SC | L | M | N | 21 | SD | SE | SF | SG | SH | P | | | | | | | | | | |
| 2 STP | J3F011A-1(RNF) | - | - | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | | | | | | | | |
| NCP_MODEL 1 | J3F011B-1(RNF) | - | - | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | | | | | | | | |
| NCP_MODEL 3 | J3F011D-1(RNC) | - | X | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | | | | | | | | |
| 1PSS-R4 | J3F011E-1(RNC) | - | X | X | - | X | - | - | - | - | - | - | - | - | - | - | X | X | X | X | | | | | | | | | |
| 4E-ATT/NSD | J3F011E-1(RNC) | - | X | - | O | X | - | - | - | - | - | - | - | - | - | - | - | - | - | X | | | | | | | | | |
| 2ASTP/A-I-NET | J3F011E-1(RNC) | - | X | - | - | X | X | - | - | - | - | X | - | - | X | X | - | - | - | 0 | | | | | | | | | |
| AUTOPLEX1000 | J3F011E-1(RNC) | - | X | X | - | X | - | O | O | X | - | - | O | - | - | - | - | - | - | - | | | | | | | | | |
| 1PSS-R3/R4 | J3F011F-1(RNF) | - | X | X | - | X | - | - | - | - | 68 | 68 | - | - | - | - | - | X | X | X | X | | | | | | | | |

| APPLICATION | MOUNTED ON (FR/CAB) | LISTS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---------------------|-------|----|----|----|----|----|---|----|----|----|----|----|----|----|---|----|----|---|---|--|--|--|--|--|--|--|--|--|
| | | R | WA | 22 | 23 | 33 | 25 | S | 26 | 28 | SJ | SK | 30 | 31 | 34 | U | 32 | 35 | | | | | | | | | | | |
| 2 STP | J3F011A-1(RNF) | 68 | 68 | - | - | 0 | - | X | - | 0 | - | - | - | - | - | - | - | - | - | - | | | | | | | | | |
| NCP_MODEL 1 | J3F011B-1(RNF) | 68 | 68 | - | - | 0 | - | X | - | 68 | - | - | - | - | - | - | - | - | - | - | | | | | | | | | |
| NCP_MODEL 3 | J3F011D-1(RNC) | 68 | 68 | - | - | 0 | - | X | - | 68 | - | - | - | - | - | - | - | - | - | - | | | | | | | | | |
| 1PSS-R4 | J3F011E-1(RNC) | 68 | 68 | - | - | 68 | - | X | O | 68 | - | - | - | - | 0 | - | - | - | - | - | | | | | | | | | |
| 4E-ATT/NSD | J3F011E-1(RNC) | 68 | 68 | - | - | 68 | - | X | - | 68 | - | - | - | - | - | - | - | - | - | - | | | | | | | | | |
| 2ASTP/A-I-NET | J3F011E-1(RNC) | 0 | 68 | - | - | 0 | - | X | - | 0 | - | - | 0 | 0 | 0 | - | 0 | - | - | - | | | | | | | | | |
| AUTOPLEX1000 | J3F011E-1(RNC) | 68 | 68 | - | - | 0 | X | X | - | 0 | - | 0 | - | 0 | - | - | - | - | - | - | | | | | | | | | |
| 1PSS-R3/R4 | J3F011F-1(RNF) | 68 | 68 | - | - | 68 | - | X | O | 0 | - | - | - | - | 0 | - | - | - | - | - | | | | | | | | | |

LISTS 3 & 4 ARE MUTUALLY EXCLUSIVE. LIST 3 IS REQD WHEN 60 OR FEWER NODES ARE EQPD PER OFFICE. LIST 4 IS REQD WHEN MORE THAN 60 NODES ARE EQPD/OFFICE.

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RW99

SIGNALING AND PACKET
SWITCHING SYSTEMS
SPECIFICATION FOR
LINK NODE UNIT A
MOUNTED ON RING NODE FRAME

DWG SIZE C2 ISSUE 61

J3F011AB-1

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TABLE F
STRAPPING REQUIRED WHEN \$L-19\$-22
(IRN PACK) W/O L-R IS SPECIFIED

| | FROM | TO |
|---------|-----------|-------------|
| EQL | 034 (NP0) | 058 (RIO 0) |
| | 076 (NP1) | 100 (RIO 1) |
| | 118 (NP2) | 142 (RIO 2) |
| PIN NO. | 017 *---* | 406 |
| | 117 *---* | 506 |
| | 018 *---* | 407 |
| | 118 *---* | 507 |
| | 019 *---* | 408 |
| | 119 *---* | 508 |
| | 021 *---* | 509 |
| | 022 *---* | 409 |

STRAP NP & RIO PINS INDICATED
AT ALL 3 NODE POSITIONS.
USE 26DP 26GA WIRE, GREEN

TABLE G
APPLICATION SCHEMATICS

| APPLICATION | DRAWING |
|-------------|----------------------|
| 2STP | ED3F005-10, -11 |
| 2ASTP | ED3F005-12 |
| LANCP | ED3F001-10 (MODEL 1) |
| | ED3F001-11 (MODEL 3) |
| 1DNCP | ED3F084-10 |
| 1PSS/R4 | ED3F050-10 |
| CNI | SD3F019-01 |
| 1A ESS | SD6A021-01 |
| 4ESS | SD4A025-01 |

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 | 15,36,57 | FA |
| 43 | TN916/917/1317/1316 TN1640/1317B/1669 TN2520/TN1640B | 19,23,40,44, 61,65 | HM |
| 44 | UN122, UN122B, UN122C UN303B, UN303C, UN304, UN397 | 27,48,69 | EM |
| 45 | UN123, UN123B | 32,53,74 | JA |

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