

ISSUE NOTES (CONTINUED)	ISSUE NOTES (CONTINUED)	ISSUE NOTES
CN34575 - SL ITEM 1520, CLEI CODE "E5ICD03AXX" ADDED. ORIG ISS: 04/13/88 CHANGE CLASS: AC DRAFT: TMR ENGR: WAM SUPV: FJG CERTIFIED: 01/13/94 ISSUE: 17	NOTE 64 MODIFIED; IN TBL A LIST 5 REF TO NOTE 64 ADDED, LIST 10 RATING WAS STANDARD, IN LIST AM REF TO LIST 4A,5 & 6 READ 10, IN LIST AN REF TO LIST 4A,5 & 7 READ 10, IN LIST AP REF TO LIST 4A,5 AND 8 READ 10, IN LIST AR REF TO LIST 4A,5 & 9 READ 10; IN SL ITEM 1366 LIST READ 5,10. ORIG ISS: 04/13/88 CHANGE CLASS: M DRAFT: TMR ENGR: TMR SUPV: CERTIFIED: 11/15/90 ISSUE: 10	ORIG ISS: 04/13/88 CHANGE CLASS: DRAFT: DSL ENGR: RFK SUPV: JFM CERTIFIED: 04/13/88 ISSUE: 1
ADD MISC CHANGES TO INCORPORATE POINT ISSUE CHANGES 17.1 - 17.4. ADD ENGINEERING NOTES 70, 71 & 72. ADD NEW LISTS FOR EXM2000: 4C, 5A, 11A, 12A, BN, WB, BF-BM. LISTS 4B, 5, 11, 12, M, AY & AX HAVE BEEN RERATED TO "DA". ORIG ISS: 04/13/88 CHANGE CLASS: B DRAFT: WAM ENGR: WAM SUPV: FNG CERTIFIED: 11/18/94 ISSUE: 18	LIST AU & ENG NOTE 66 ADDED ORIG ISS: 04/13/88 NDD NBR: NDD5D003NW-275 CHANGE CLASS: ME DRAFT: TMR ENGR: TMR SUPV: CERTIFIED: 05/31/91 ISSUE: 11	NOTES 60,61 & 62 ADDED. LISTS B THRU J READ STD. LISTS L THRU AA ADDED. NOTE 14 EXPANDED. REF TO NOTE 62 ADDED TO DESCRIPTION OF LISTS 5 THRU 8. SL ITEMS 1062,1064,1301,1302,1310 ADDED. SL ITEMS 1530 THRU 1660 ADDED. SL ITEM 1500 REMOVED AND READ 843049016. ORIG ISS: 04/13/88 CHANGE CLASS: M DRAFT: DSL ENGR: JJR SUPV: CERTIFIED: 12/05/88 ISSUE: 2
ADD NEW LISTS FOR GLOBAL PRODUCT IDENTIFICATION (GPI), LIST 500-511, B1, B2, F1-F3, G1, G2. ADD ENGINEERING NOTES FOR GPI (151-173). ADD MANUFACTURING NOTES 26 & 27, UPDATE EXISTING NOTES FOR GPI. REINSTATE LIST BN PER POINT ISSUE 18.1-18.3. ORIG ISS: 04/13/88 NDD NBR: NDD5D003NW-578 CHANGE CLASS: ME DRAFT: WAM ENGR: WAM SUPV: FNG CERTIFIED: 03/08/95 ISSUE: 19	LISTS 4B & AV AND REF TO ADDED; SL LINE 1326 ADDED; LISTS 4A & AT RERATED TO "DA". ORIG ISS: 04/13/88 NDD NBR: CN14040NW CHANGE CLASS: AC DRAFT: TMR ENGR: TMR SUPV: CERTIFIED: 07/01/91 ISSUE: 12	LIST AB ADDED. SL ITEMS 1510 & 1520 ADDED. ORIG ISS: 04/13/88 CHANGE CLASS: A DRAFT: DSL ENGR: JJR SUPV: CERTIFIED: 12/21/88 ISSUE: 3
ADD DATE 3 GPI REQUIREMENTS. ADD MISCELLANEOUS TABLE D1 FASKITS, TABLE D2 UNIT GUIDE KITS, TABLE D4 FI/FO MAPPING TABLE, TABLE D5, TABLE D7 FRONT DESIGNATION LABEL, TABLE D8 REAR DESIGNATION LABEL, TABLE D10 CIRCUIT PACK ASSIGNMENT TABLE. ORIG ISS: 04/13/88 NDD NBR: NDD5D003NW-599 CHANGE CLASS: ME DRAFT: WAM ENGR: WAM SUPV: FNG CERTIFIED: 04/04/95 ISSUE: 20	ENG NOTES 53,54 & 55 REF TO L4 & 4A REMVD, NOTE 67 ADDED; TBL A, L9 REF TO "NRTO" REMVD; SH B2 & B3 REF TO LAV ADDED; MFG NOTE 19, REF TO LISTS AV & 4B AND NOTE 67 ADDED; SL ITEM 1850, DESC READ "840026850". INCORPORATES PT ISS 12.1 THRU 12.4. ORIG ISS: 04/13/88 CHANGE CLASS: M DRAFT: TMR ENGR: TMR SUPV: CERTIFIED: 12/10/91 ISSUE: 13	LIST AC ADDED. SL ITEMS 1670,1680,1690 & 1700 ADDED. ORIG ISS: 04/13/88 CHANGE CLASS: A DRAFT: JJR ENGR: JJR SUPV: CERTIFIED: 07/20/89 ISSUE: 4
ADD LIST BO, PROVIDES METRIC SCREWS TO MOUNT TRCU2 IN PHASE II GLOBAL CABINET. ADD LIST BP, PROVIDES ENGLISH SCREWS TO MOUNT TRCU2 IN PHASE I CABINET. UPDATE SHEET B1, CHANGE LISTS 5, 11 & 12 TO READ 5A, 11A & 12A, REFERENCE POINT ISSUE 20.1, IMR 531089. ORIG ISS: 04/13/88 NDD NBR: NDD5D003NW-662 CHANGE CLASS: ME DRAFT: WAM ENGR: WAM SUPV: FNG CERTIFIED: 09/08/95 ISSUE: 21	LIST AC MODIFIED AND AW ADDED. ORIG ISS: 04/13/88 NDD NBR: NDD5D003NW-311 CHANGE CLASS: B DRAFT: TMR ENGR: TMR SUPV: PK CERTIFIED: 10/30/92 ISSUE: 14	SL ITEM 1210 READ 900820077, SL ITEM 1230 READ 843584152 SL ITEM 1250 READ 900821984. SL ITEMS 1270 & 1280 LINED OUT. SL ITEM 1306 ADDED. NOTE 63 ADDED. TABLE JJ ADDED. SL ITEM 1460 READ 105006555, SL ITEM 1470 READ 105006563. ORIG ISS: 04/13/88 CHANGE CLASS: M DRAFT: JJR ENGR: JJR SUPV: CERTIFIED: 12/14/89 ISSUE: 5
ISSUE 22 INCLUDES UPDATED GRAPHIC SHEET B1 THAT WAS INADVERTENTLY LEFT OUT OF ISSUE 21. ORIG ISS: 04/13/88 NDD NBR: NONE CHANGE CLASS: MF DRAFT: WAM ENGR: WAN SUPV: FNG CERTIFIED: 10/12/95 ISSUE: 22	LISTS 6 - 9,N,P,Q,S - AA,AD - AL,AP & AR RATING WAS "STANDARD", LISTS 11 AND 12 ADDED; NOTES 24,67, 68 & 69 ADDED. ORIG ISS: 04/13/88 NDD NBR: NDD5D003NW-395 CHANGE CLASS: ME DRAFT: TMR ENGR: TMR SUPV: PK CERTIFIED: 06/11/93 ISSUE: 15	SL ITEM 1250 READ 900821984, SL ITEM 1350 RMVD & READ 843049016. NOTES 54,56,57,58,61,62 MODIFIED. NOTES 64 & 65 ADDED; LIST 10 & NOTE 64 ADDED TO DESCRIPTION OF LISTS 6 THRU 8, LISTS 9,10 & AD THRU AR ADDED; NOTE 14 EXPANDED TO SHOW 16K & LIST 9, LISTS R THRU U MODIFIED. NOTE 20 LINED OUT; SL ITEMS 1330 & 1365 LIST 10 ADDED. ITEM 1395 LIST 9 ADDED. ITEMS 1392 & 1710 THRU 1820 ADDED. ITEM 1360 LINED OUT. ORIG ISS: 04/13/88 CHANGE CLASS: B DRAFT: PKK ENGR: TMR SUPV: CERTIFIED: 06/06/90 ISSUE: 6
	CN34543NW - MISC CHGS MADE TO INCORPORATE POINT ISSUE CHGS, TABLE AA ADDED. ORIG ISS: 04/13/88 CHANGE CLASS: AC DRAFT: TMR ENGR: TMR SUPV: PK CERTIFIED: 09/30/93 ISSUE: 16	ORIG ISS: 04/13/88 CHANGE CLASS: B DRAFT: PKK ENGR: JJR SUPV: CERTIFIED: 06/28/90 ISSUE: 7
		SL ITEM 1365 LINED OUT, 1366 ADDED. ORIG ISS: 04/13/88 CHANGE CLASS: M DRAFT: TMR ENGR: TMR SUPV: CERTIFIED: 07/25/90 ISSUE: 8
		IN SL ITEM 1330 LIST COL READ '4,4A,10'; ITEM 1392 REF TO NOTE 14 ADDED; ITEM 1770 PROD IDENT COL READ 'G18, G35', MFG NOTE 15 MODIFIED, NOTE 19 REF TO LIST READ A AND 4 RESPY. LIST 4 WAS RATED STANDARD. ORIG ISS: 04/13/88 CHANGE CLASS: M DRAFT: TMR ENGR: TMR SUPV: CERTIFIED: 11/09/90 ISSUE: 9

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BT13	
5ESS SWITCHING EQUIPMENT SPECIFICATION FOR TRANSMISSION RATE CONVERTER UNIT-2	
DWG SIZE C2	ISSUE 28
LUCENT TECHNOLOGIES INC J5D003ED-2	
SHEET A1 OF 23	

ENGINEERING NOTES

- ***** CONTINUED *****
151. THIS LIST IS NOT GENERALLY AVAILABLE, BUT IS INTENDED TO SUPPORT FACTORY OFF LOADS FROM NETWORK SYSTEMS INTERNATIONAL (NSI).
 152. ONE (1) FI-PWR494RA'S IS ALWAYS REQUIRED (PROVIDES FOUR 494RA PWR CONVERTERS).
 153. ONE (1) FI-NCTDS3 IS REQUIRED TO SUPPORT 2 NCT LINK PAIRS (PROVIDES 4 TN1345'S). A SECOND FI-NCTDS3 IS REQUIRED TO SUPPORT 4 NCT LINK PAIRS. A MINIMUM OF 1 FI-NCTDS3 IS ALWAYS REQUIRED. A MAXIMUM OF 1 FI-NCTDS3 FOR REMOTE TRCU2/MCTU2 APPLICATIONS. A MAXIMUM OF 2 FI-NCTDS3'S FOR HOST OFFICE AND REMOTE EXM2000 APPLICATIONS.
 154. ONE (1) FI-CONNTR'S IS REQUIRED FOR HOST TRCU2 SUPPORTING 2 NCT LINK PAIRS (PROVIDES 4 982TRC'S). A SECOND FI-CONNTR'S IS REQUIRED FOR HOST TRCU2 SUPPORTING 4 NCT LINK PAIRS.
 155. ONE (1) FI-ELI IS REQUIRED TO PROVIDE 2 NCT LINK PAIRS FOR 0-100 MILES (45MB/SEC) ELECTRICAL TRANSMISSION (PROVIDES 2 AKM3'S). A SECOND FI-ELI IS REQUIRED TO PROVIDE 4 NCT LINK PAIRS FOR 0-100 MILES (45MB/SEC) ELECTRICAL TRANSMISSION. A MAXIMUM OF 1 FI-ELI FOR REMOTE TRCU2/MCTU2 APPLICATIONS. MAXIMUM OF 2 FI-ELI'S FOR HOST OFFICE AND REMOTE EXM2000 APPLICATIONS.
 156. ONE (1) FI-CBLSPT3 MUST BE SPECIFIED FOR EVERY FI-ELI (AKM3'S) THAT IS ORDERED (PROVIDES 2 COAX CABLE SUPPORT ASSY'S). MAXIMUM OF 2 FI-CBLSPT3'S.
 157. ONE (1) FI-OLI5 IS REQUIRED TO PROVIDE 2 NCT LINK PAIRS FOR 0-25.1 MILES (90MB/SEC) OPTICAL TRANSMISSION (PROVIDES 2 16E2'S). A SECOND FI-OLI5 IS REQUIRED FOR 4 NCT LINK PAIRS FOR 0-25.1 MILES (90MB/SEC). A MAXIMUM OF 1 FI-OLI5 FOR REMOTE TRCU2/MCTU2 APPLICATIONS. A MAXIMUM OF 2 FI-OLI5'S FOR HOST OFFICE AND EXM2000 APPLICATIONS.
 158. ONE (1) FI-OLI6 IS REQUIRED TO PROVIDE 2 NCT LINK PAIRS FOR 0-37.8 MILES (90MB/SEC) OPTICAL TRANSMISSION (PROVIDES 2 16F2'S). A SECOND FI-OLI6 IS REQUIRED FOR 4 NCT LINK PAIRS FOR 0-37.8 MILES (90MB/SEC). A MAXIMUM OF 1 FI-OLI6 FOR REMOTE TRCU2/MCTU2 APPLICATIONS. A MAXIMUM OF 2 FI-OLI6'S FOR HOST OFFICE AND EXM2000 APPLICATIONS.
 159. FOUR LIST B2'S (158C APP BLANK) WILL BE REQUIRED WHEN TRCU2 IS ONLY PROVIDING 2 NCT LINK PAIRS. EQUIPPED AT POS 16, 20, 74, 78.
 160. ONE (1) FI-CBLSPT2 MUST BE SPECIFIED FOR EVERY FI-OLI5 (16E2'S) OR FI-OLI6 (16F2'S) THAT IS ORDERED (PROVIDES 2 OPTICAL CABLE SUPPORT ASSY'S). MAXIMUM OF 2 FI-CBLSPT2'S.
 161. POWER CABLES FOR TRCU2 IN 5ESS NS CABINETS REFERENCE DRAWING ED5D503-15, GROUPS 232A, 233A & GROUPS 1045, 1046.
 162. POWER CABLES FOR TRCU2 IN 5ESS-2000 CABINET REFERENCE DRAWING ED5D734-15. CURRENTLY USED BY NETWORK SYSTEMS INTERNATIONAL (NSI) FOR FACTORY OFFLOADS.
 163. REMOTE TRCU2 AND MCTU(2) INTERCONNECT CABLES REFERENCE ED5D618-14 GROUPS 1C-8C AND GROUPS 9C-16C.
 164. REMOTE TRCU2 AND TSU4 (EXM2000) INTERCONNECT CABLES REFERENCE ED5D618-14, GROUPS 100-150.
 165. REMOTE TRCU2 AND MCTU2 INTERCONNECT ALARM CABLES REFERENCE ED5D503-17, GROUPS 25, 26 AND GROUPS 25A, 26A.
 166. ORDERING DOCUMENT FOR COAX CABLE, 45 MBIT ELECTRICAL TRANSMISSION FROM TRCU2 TO DSX BAY REFERENCE ED5D500-21, GROUP 86.
 167. ORDERING DOCUMENT FOR FIBER OPTIC CABLE, 90 MBIT OPTICAL TRANSMISSION FROM TRCU2 TO LGX BAY REFERENCE ED5D500-21.
 168. ORDERING DOCUMENT FOR INTERCONNECT FIBER OPTIC CABLE BETWEEN HOST TRCU2 AND CM(2) REFERENCE ED5D500-21, GROUPS 8B, 8C.
 169. COAX GROUND BAR ASSEMBLY USED WITH 45 MBIT ELECTRICAL TRANSMISSION REFERENCE ED5D022-21, GROUP 86.
 170. TABULAR CONNECTING INFORMATION FOR CONNECTING CABLES AT TRCU2 BACKPLANE AND FAN UNIT REFERENCE TCJ5D003F-2.
 171. ORDERING DOCUMENT FOR FUSING TRCU2 IN LTP CABINET REFERENCE DRAWING ED5D693-20.
 172. ONE LIST B1 (158A APP. BLANK) ALWAYS REQUIRED.

ENGINEERING NOTES

51. THIS DOCUMENT CONTAINS COMPLETE ENGINEERING INFORMATION FOR THE SUBJECT EQUIPMENT, JOB INFORMATION SHALL BE RECORDED BY LIST OR GROUP.
52. IN HOST OFFICES THE TRCU2 IS MOUNTED IN THE MISCELLANEOUS FRAME J5D005C. WHEN THE TRCU2 IS CONFIGURED WITH THE MCTU IN REMOTE OFFICES, THE TRCU2 IS MOUNTED ABOVE THE MCTU IN THE SWITCHING MODULE CONTROL CABINET J5D003E OR J5D003L. WHEN THE TRCU2 IS CONFIGURED FOR EXM2000 APPLICATIONS IN REMOTE OFFICES, THE TRCU2 IS MOUNTED IN THE LTP CABINET J5D003F-2.
53. LIST 4B,4C OR 4D IS ONLY REQUIRED FOR HOST UNIT WHEN PROVIDING 4 NCT LINKS. LIST 4C IS ONLY REQUIRED FOR REMOTE UNITS PROVIDING 4 NCT LINKS CONFIGURED FOR EXM2000.
54. A SECOND LIST 5,5A,6,7,8,9,11,11A,12, OR 12A MUST BE SPECIFIED WHENVER LIST 4B,4C OR 4D IS SPECIFIED.
55. LIST 4B WITHOUT LIST K PROVIDES ODL50 TYPE CONNECTORS.
56. \$ONLY ONE LIST B,C,D,E,M,N,P,Q OR AK IS REQUIRED PER UNIT. REMOTE OFFICES ONLY.\$
57. \$ONLY ONE LIST F,G,H, OR J, R - AA OR AD - AJ IS REQUIRED PER UNIT. HOST OFFICES ONLY.\$
58. LISTS B THRU J, M THRU AA AND AD THRU AJ ARE MUTUALLY EXCLUSIVE.
59. MINIMUM GENERIC ISSUE FOR THIS UNIT, TRCU2, IS 5E5.
60. ORM AND UNIT NUMBER TO BE SPECIFIED BY LINE ENGINEER, IF NOT FURNISHED. SHOP WILL SEND LABELS OUT WITHOUT ORM & UNIT NUMBER.
61. REGENERATORS 16E,16E2,16F,16F2,16G & 16K ARE NOT TO BE INTERCHANGED AND ARE NEITHER UPWARD OR DOWNWARD COMPATIBLE.
62. ELECTRICAL & OPTICAL PACKS CAN BE MIXED ON THE SAME UNIT AS LONG AS THE ELECTRICAL PACKS ARE CONTAINED ON SIDE 0 AND THE OPTICAL PACKS ARE CONTAINED ON SIDE 1.
63. "THE COMCODES SHOWN IN THE STOCKLIST IDENTIFICATION FIELD REFERENCED BY THIS NOTE ARE NOT THE INDIVIDUAL OR SINGULAR COMCODE FOR THE PART DESCRIBED BUT ARE THE FACTORY'S ORDERING COMCODE. TABLE JJ CONTAINS THE FACTORY'S ORDERING COMCODE FOR THE DESCRIBED PART AND THE EQUIVALENT SINGULAR/INDIVIDUAL COMCODE THAT MAY BE REQUIRED BY AN INSTALLER, CUSTOMER, REGIONAL LINE ENGINEER, OR A CLASS A CHANGE NOTICE."
64. A 5E5 OR LATER HOST OFFICE INTERFACING WITH TWO REMOTE SITES REQUIRING BOTH 90 MB/SEC OPTICAL TRANSMISSION AND 45 MB/SEC ELECTRICAL TRANSMISSION REQUIRES ONE LIST 4,4A,4B,4C OR 4D & ONE LIST 5 OR 5A IN ADDITION, ONE OF THE OPTICAL LISTS AVAILABLE (LIST 6,7,8,9,11,11A,12 OR 12A) MUST BE PROVIDED FOR THE OPTICAL TRANSMISSION INTERFACE.
65. DOLLAR SIGNS (\$) IN FRONT OF AND BEHIND WORDS, SENTENCES, PARAGRAPHS AND/OR CHARACTERS INDICATE HORIZONTALLY LINED OUT INFORMATION.
66. INSTALL 846735652 SPACERS BETWEEN THE TRCU2 UNIT AND THE CABINET UPRIGHT ON CABINETS EQUIPPED WITH THE OLD STYLE ONE PIECE DOOR FRAMES TO PROVIDE ADDITIONAL CLEARANCE AT THE REAR FOR THE LDT PADDLE BOARD CONNECTORS.
67. ONLY ONE LIST \$M,AX,AY,AY\$ BF,BG,BH,BJ,BK,BL OR BM PER UNIT. REMOTE OFFICES ONLY.
68. LISTS \$M,R,AX,AY, & AZ\$, R,AZ,BA,BB,BC,BD,BE,BF,BG,BH,BJ,BK,BL & BM ARE MUTUALLY EXCLUSIVE.
69. ONLY LIST R,AZ,BA,BB,BC,BD OR BE IS REQUIRED PER UNIT. HOST OFFICES ONLY.
70. WITH THE ADDITIONAL NCT LINKS THAT ARE AVAILABLE IN AN EXM2000 CONFIGURATION THE TRCU2 CAN NOW BE FULLY EQUIPPED IN AN EXM2000 REMOTE OFFICE.
71. LIGHTWAVE DATA TRANSCEIVER PADDLE BOARDS (LDT) THAT ARE SUFFIX CODED SHALL BE TREATED AS EQUIVALENT AND INTERCHANGEABLE WITH NON-SUFFIX CODED LDT PADDLE BOARDS AND MAY BE SHIPPED BY THE MANUFACTURING LOCATION TO FILL ORDERS. BELOW IS A LIST OF THE LDT PADDLE BOARD EQUIVALENTS.
982TR, 982TRA, 982TRAA, 982TRC
72. FUNCTIONAL EQUIVALENT FOR LIST 4B IS A COMBINATION OF LISTS 4C OR 4D & BN.
73. THE TN1345B CIRCUIT PACK IS REQUIRED IN TRCU2 HOST OFFICES THAT ARE EQUIPPED WITH AKM3 CIRCUIT PACKS THAT PROVIDES 45 MBIT/SEC ELECTRICAL TRANSMISSION.

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ISSUE NOTES (CONTINUED)

TABLE A, LIST R DESCRIPTION UPDATED TO REFLECT "LIST 5A, 11A & 12A", REFERENCE 5EHW IMR# 553449.

ORIG ISS: 04/13/88 NDD NBR: NONE CHANGE CLASS: MF

DRAFT: WAM	ENGR: WAM	SUPV: FNG	CERTIFIED: 03/25/96	ISSUE: 23
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CHANGED DRAWING STOCKLIST ITEM 1330 AND 1510 TO REFLECT THE CURRENT COMCODE 105580302 FOR THE TN1345 CIRCUIT PACK AS REQUESTED. REFERENCE IMR 556075.

ORIG ISS: 04/13/88 NDD NBR: NONE CHANGE CLASS: ME

DRAFT: WAM	ENGR: WAM	SUPV: FNG	CERTIFIED: 05/01/96	ISSUE: 24
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CLASS AC CHANGE HAS BEEN ISSUED TO UPDATE TN1345 PACKS TO TN1345B PACKS PER CN 64535. TN1345 HAS BEEN DISCONTINUED, AFFECTED LISTS DA: 3, 4C, AB. NEW LISTS ADDED FOR TN1345B: 3A & 4D. A NEW DESIGNATION PATCH LABEL HAS BEEN ADDED FOR THE TN1345B (LIST BQ). ALSO CHANGES HAVE BEEN MADE TO INCORPORATE POINT ISSUE CHANGE 24.1.

ORIG ISS: 04/13/88 NDD NBR: NONE CHANGE CLASS: AC

DRAFT: WAM	ENGR: WAM	SUPV: FNG	CERTIFIED: 01/17/97	ISSUE: 25
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REMOVED STOCKLIST ITEM 2780 PATCH LABEL MATERIAL KS20207L1. THIS WAS REDUNDANT SINCE IT IS CALLED OUT FOR IN LABEL DRAWING ED5D662-10. ALSO CHANGED TITLE BLOCK IN GRAPHIC SHEETS B1-B8 FROM AT&T TO LUCENT. ADDED CANNED NOTES

ORIG ISS: 04/13/88 NDD NBR: NONE CHANGE CLASS: ME

DRAFT: WAM	ENGR: WAM	SUPV: FNG	CERTIFIED: 01/31/97	ISSUE: 26
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REFERENCE CN84532NW. THIS IS A CLASS "AC" CHANGE THAT APPLIES TO TABLE "A" LISTS 505, BN, AND THEIR ASSOCIATED STOCKLIST ITEMS 5050 AND 1327 FOR THE 982TRC SERIES 1 LIGHTWAVE DATA TRANSCEIVER (LDT).

ORIG ISS: 04/13/88 CHANGE CLASS: AC

DRAFT: DRH	ENGR: DRH	SUPV: FNG	CERTIFIED: 01/22/99	ISSUE: 27
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CASE #: H09298
DISCONTINUE AVAILABILITY OF TRANSMISSION RATE CONVERTER UNIT MODEL 2(TRCU2). REPLACED WITH TRCU3 FOR ALL NEW PRODUCT ORDERS. THE FOLLOWING LISTS IN TABLE A ARE DISCONTINUED; L3A,4D,5A, 11A,12A,500-503,505-512,L,R,B1,B2,F1-F3, G1,G2,AC,AU,AV,AW,AZ,BA-BH,BJ-BQ,WA,WB.

ORIG ISS: 04/13/88 CHANGE CLASS: ME

DRAFT: KLY	ENGR: WAM	SUPV: FNG	CERTIFIED: 03/09/01	ISSUE: 28
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BT13

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
TRANSMISSION RATE
CONVERTER UNIT-2

DWG SIZE C2	ISSUE 28
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TABLE A-FEATURES												
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA							SD EQUIVALENT			
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT	
ASSEMBLY, WIRING AND EQUIPMENT FOR ONE DIRECT FIBER TRANSMISSION RATE CONVERTER UNIT (TRCU-2) E/W ONE ACTIVE AND ONE STANDBY CIRCUIT. FE:J5D003ED-2,L3A DA EFF:01/17/97		DA	3	1	SD5D086-02	1						
ASSEMBLY, WIRING AND EQUIPMENT FOR ONE DIRECT FIBER TRANSMISSION RATE CONVERTER UNIT (TRCU-2) E/W ONE ACTIVE AND ONE STANDBY CIRCUIT. REPL:J5D003ED-2,L3 DA EFF:03/09/01 FE/RA:NONE	52 59 73	DA	3A	1	SD5D086-02	1						
APPARATUS REQUIRED IN ADDITION TO LIST 3 TO PROVIDE ONE ADDITIONAL ACTIVE AND STANDBY CIRCUIT FOR A HOST UNIT INTERFACING WITH TWO REMOTE SITES. SEE NOTES 53 & 55. (DO NOT ORDER THIS LIST FOR JOBS SCHEDULED TO SHIP AFTER NOVEMBER 24, 1990. DA EFF:03/09/01		DA	4	1	SD5D086-02	2						
APPARATUS REQUIRED IN ADDITION TO LIST 3 TO PROVIDE ONE ADDITIONAL ACTIVE AND STANDBY CIRCUIT FOR A HOST UNIT INTERFACING WITH TWO REMOTE SITES. SEE NOTE 53 & 55. (TO BE SPECIFIED ON ALL NEW ORDERS). DA EFF:03/09/01		DA	4A	1	SD5D086-02	2						
APPARATUS REQUIRED IN ADDITION TO LIST 3 TO PROVIDE ONE ADDITIONAL ACTIVE AND STANDBY CIRCUIT FOR A HOST UNIT INTERFACING WITH TWO REMOTE SITES. FE:J5D003ED-2,L4C DA EFF:11/18/94	53 54 55 72	DA	4B	1	SD5D086-02	2						
APPARATUS REQUIRED TO PROVIDE ONE ADDITIONAL ACTIVE AND STANDBY CIRCUIT FOR A FULLY EQUIPPED HOST TRCU2 OR A FULLY EQUIPPED REMOTE TRCU2/EXM2000. REPL:J5D003ED-2,L4B DA EFF:01/17/97 FE:J5D003ED-2,L4D	53 54 70 72	DA	4C	1	SD5D086-02	2						
APPARATUS REQUIRED IN ADDITION TO LIST 3A TO PROVIDE ONE ADDITIONAL ACTIVE AND STANDBY CIRCUIT FOR A FULLY EQUIPPED HOST TRCU2 OR A FULLY EQUIPPED REMOTE TRCU2/EXM2000. REPL:J5D003ED-2,L4C DA EFF:03/09/01 FE/RA:NONE	53 54 70 72 73	DA	4D	1	SD5D086-02	2						
APPARATUS REQUIRED IN ADDITION TO LIST 3, FOR 45 MBIT/SEC ELECTRICAL TRANSMISSION. MAXIMUM 2 LIST 5. FE:J5D003ED-2,L5A DA EFF:11/18/94	54 62 64	DA	5	1	SD5D086-02	3 OR 4						
APPARATUS REQUIRED IN ADDITION TO LIST 3, 3A PROVIDING 2 NCT LINKS FOR 0-100 MILES (45MB/SEC) ELECTRICAL TRANSMISSION. MAXIMUM 2 LIST 5A'S PER HOST TRCU2 APPLICATION. MAXIMUM 2 LIST 5A'S PER REMOTE/EXM2000 APPLICATION. MAXIMUM 1 LIST 5A PER REMOTE TRCU2/MCTU2 APPLICATION. REPL:J5D003ED-2,L5 DA EFF:03/09/01 FE/RA:NONE	54 62 64 70	DA	5A	1	SD5D086-02	3 OR 4						

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	
APPARATUS REQUIRED IN ADDITION TO LIST 3,4,4A,4B OR 10 FOR 90 MBIT/ SEC OPTICAL TRANSMISSION 0 TO 18 MILES (0-17.5 DB), MAXIMUM 2 LIST 6. SEE NOTES 54,62 & 64. DA EFF:06/11/93 FE:J5D003ED-2,L11		DA	6	1	SD5D086-02	5 OR 6		X				
APPARATUS REQUIRED IN ADDITION TO LIST 3,4,4A,4B OR 10 FOR 90 MBIT/ SEC OPTICAL TRANSMISSION. 0 TO 28 MILES (0-22.0 DB). MAXIMUM 2 LIST 7. SEE NOTES 54, 62 & 64. DA EFF:06/11/93 FE:J5D003ED-2,L11		DA	7	1	SD5D086-02	5 OR 6		V				
APPARATUS REQUIRED IN ADDITION TO LIST 3,4,4A,4B OR 10 FOR 90 MBIT/ SEC OPTICAL TRANSMISSION, 10 TO 36 MILES (7-28.0 DB). MAXIMUM 2 LIST 8. SEE NOTES 54,62 & 64. DA EFF:06/11/93 FE:J5D003ED-2,L12		DA	8	1	SD5D086-02	5 OR 6		W				
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3,4,4A,4B OR 10 FOR 90 MBIT/ SEC OPTICAL TRANSMISSION 17 TO 44.9 MILES (13.7 - 34 DB). MAX 2 LIST 9. SEE NOTES 54,62 & 64. DA EFF:06/11/93 FE/RA:NONE		DA	9	1	SD5D086-02	5 OR 6		T				
EQUIPMENT REQUIRED FOR A HOST OFFICE INTERFACING WITH TWO REMOTE SITES REQUIRING BOTH 90 MBIT/SEC OPTICAL TRANSMISSION AND 45 MBIT/SEC ELECTRICAL TRANSMISSION. FOR 5E5 OR LATER. <5E5 OR LATER> DA EFF:03/09/01 FE/RA:NONE		DA	10	1	SD5D086-02	3,4, 5 OR 6		T,U, V,W OR X				
APPARATUS REQUIRED IN ADDITION TO LISTS 3,4,4A,4B OR 10 FOR 90MB/SEC OPTICAL TRANSMISSION 0-25.1 MILES (0-23.8 DB). (MAX. 2 LIST 11'S) REPL:NONE FE:J5D003ED-2,L11A DA EFF:11/18/94	54 62 64	DA	11									
APPARATUS REQUIRED IN ADDITION TO LIST 3, 3A PROVIDING 2 NCT LINKS FOR 0-25.1 MILES (90MB/SEC) OPTICAL TRANSMISSION. MAXIMUM 1 LIST 11A PER REMOTE TRCU2/MCTU2 APPLICATION. MAXIMUM 2 LIST 11A'S PER HOST TRCU2 APPLICATION. MAXIMUM 2 LIST 11A'S PER REMOTE/EXM2000 APPLICATION. REPL:J5D003ED-2,L11,LAX DA EFF:03/09/01 FE/RA:NONE	54 62 64 70	DA	11A	1	SD5D086-02	5 OR 6						

TABLE-A CONTINUED

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5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
TRANSMISSION RATE
CONVERTER UNIT-2

DWG SIZE C2 ISSUE 28

J5D003ED-2

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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	
APPARATUS REQUIRED IN ADDITION TO LISTS 3,4,4A,4B OR 10 FOR 90MB/SEC OPTICAL TRANSMISSION 0-37.8 MILES (0-28.9 DB). (MAX. 2 LIST 12'S) REPL:NONE FE:J5D003ED-2,L12A DA EFF:11/18/94	54 62 64	DA	12									
APPARATUS REQUIRED IN ADDITION TO LIST 3, 3A PROVIDING 2 NCT LINKS FOR 0-37.8 MILES (90MB/SEC) OPTICAL TRANSMISSION. MAXIMUM 1 LIST 12A PER REMOTE TRCU2/MCTU2 APPLICATION. MAXIMUM 2 LIST 12A'S PER HOST TRCU2 APPLICATION. MAXIMUM 2 LIST 12A'S PER REMOTE/EXM2000 APPLICATION. REPL:J5D003ED-2,L12 DA EFF:03/09/01 FE/RA:NONE	54 62 64 70	DA	12A	1	SD5D086-02	5 OR 6						
ASSEMBLY, EQUIPMENT AND WIRING REQUIRED FOR 1 TRCU2 HOUSING AND BACKPLANE. ORDERED FOR HOST OFFICE APPLICATIONS. DA EFF:03/09/01 FE/RA:NONE	151	DA	500	1	SD5D086-02	1						
ASSEMBLY AND EQUIPMENT REQUIRED FOR 1 TRCU2 HOUSING AND BACKPLANE. ORDERED FOR REMOTE OFFICE (NON-EXM2000 APPLICATIONS). DA EFF:03/09/01 FE/RA:NONE	151	DA	501	1	SD5D086-02	1						
ASSEMBLY, EQUIPMENT AND WIRING REQUIRED FOR 1 TRCU2 HOUSING AND BACKPLANE. ORDERED FOR REMOTE EXM2000 APPLICATIONS. DA EFF:03/09/01 FE/RA:NONE	151	DA	502	1	SD5D086-02	1						
POWER MODULE (494RA), DC TO DC CONVERTER. REQUIRED IN ADDITION TO LIST 500, 501 OR 502 DA EFF:03/09/01 FE/RA:NONE	151 152	DA	503	1	SD5D086-02	1						
NCT TO DS3 RATE CONVERTER (TN1345) CIRCUIT PACK. REQUIRED IN ADDITION TO LIST 500, 501 OR 502. DA EFF:01/17/97 FE:J5D003ED-2,L512	151 153	DA	504	1	SD5D086-02	1 OR 2						
PADDLE BOARD, 32 MHZ LIGHTWAVE DATA TRANSCIVER. ORDERED IN ADDITION TO LIST 500. REQUIRED FOR HOST OFFICE APPLICATIONS. DA EFF:03/09/01 FE/RA:NONE	151 154	DA	505	1	SD5D086-02	2						
ELECTRICAL LINK INTERFACE CIRCUIT PACK (AKM3) ORDERED IN ADDITION TO LIST 500, 501 OR 502 PROVIDING 2 NCT LINKS FOR 45 MB/SEC (0-100 MILES) ELECTRICAL TRANSMISSION. DA EFF:03/09/01 FE/RA:NONE	62 70 151 155	DA	506	1	SD5D086-02	3 OR 4						
APPARATUS, CABLE SUPPORT ASSEMBLY REQUIRED IN ADDITION TO LIST 506. DA EFF:03/09/01 FE/RA:NONE	151 156	DA	507	1								
OPTICAL LINK INTERFACE CIRCUIT PACK (16E2) ORDERED IN ADDITION TO LIST 500, 501 OR 502 PROVIDING 2 NCT LINKS FOR 0-25.1 MILES (90 MB/SEC) OPTICAL TRANSMISSION. DA EFF:03/09/01 FE/RA:NONE	62 70 151 157	DA	508	1	SD5D086-02	5 OR 6						

TABLE-A CONTINUED

J5D003ED-2

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	
OPTICAL LINK INTERFACE CIRCUIT PACK (16F2) ORDERED IN ADDITION TO LIST 500, 501 OR 502 PROVIDING 2 NCT LINKS FOR 0-37.8 MILES (90 MB/SEC) OPTICAL TRANSMISSION. DA EFF:03/09/01 FE/RA:NONE	62 70 151 158	DA	509	1	SD5D086-02	5 OR 6						
APPARATUS, CABLE SUPPORT ASSEMBLY REQUIRED IN ADDITION TO LIST 508 OR LIST 509. DA EFF:03/09/01 FE/RA:NONE	151 160	DA	510	1								
EQUIPMENT REQUIRED IN ADDITION TO LIST 500 WHEN UNIT IS EQUIPPED IN AN EXISTING MISCELLANEOUS CABINET EQUIPPED WITH THE OLD STYLE ONE PIECE DOOR FRAMES IN A HOST OFFICE. PROVIDES MOUNTING SPACERS AND SCREWS. DA EFF:03/09/01 FE/RA:NONE	66 151	DA	511	1								
NCT TO DS3 RATE CONVERTER (TN1345B) CIRCUIT PACK. REQUIRED IN ADDITION TO LIST 500, 501 OR 502. REPL:J5D003ED-2,L504 DA EFF:03/09/01 FE/RA:NONE	151 153	DA	512	1	SD5D086-02	1 OR 2						
APPARATUS REQUIRED IN ADDITION TO LIST 3 ONLY WHEN UNIT IS EQUIPPED IN HOST OFFICE. SEE NOTE 55. DA EFF:03/09/01 FE/RA:NONE		DA	A									
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3 & 5 TO PROVIDE LABELS FOR REMOTE OFFICES ONLY. SEE NOTES 56 & 58. DA EFF:03/09/01 FE/RA:NONE		DA	B									
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3 & 6 TO PROVIDE LABELS FOR REMOTE OFFICES ONLY. SEE NOTES 56 & 58. DA EFF:03/09/01 FE/RA:NONE		DA	C									
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3 & 7 TO PROVIDE LABELS FOR REMOTE OFFICES ONLY. SEE NOTES 56 & 58. DA EFF:03/09/01 FE/RA:NONE		DA	D									
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3 & 8 TO PROVIDE LABELS FOR REMOTE OFFICES ONLY. SEE NOTES 56 & 58. DA EFF:03/09/01 FE/RA:NONE		DA	E									

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5ESS SWITCHING EQUIPMENT
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DWG SIZE
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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 LISTS 3 & 5 TO PROVIDE LABELS FOR HOST OFFICES ONLY. SEE NOTES 57 & 58. DA EFF:03/09/01 FE/RA:NONE		DA	F								
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3 & 6 TO PROVIDE LABELS FOR HOST OFFICES ONLY. SEE NOTES 57 & 58. DA EFF:03/09/01 FE/RA:NONE		DA	G								
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3 & 7 TO PROVIDE LABELS FOR HOST OFFICES ONLY. SEE NOTES 57 & 58. DA EFF:03/09/01 FE/RA:NONE		DA	H								
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3 & 8 TO PROVIDE LABELS FOR HOST OFFICES ONLY. SEE NOTES 57 & 58. DA EFF:03/09/01 FE/RA:NONE		DA	J								
APPARATUS REQUIRED IN ADDITION TO LIST 4 OR A TO PROVIDE ODL40 TYPE CONNECTORS. MAXIMUM 2 LIST K'S, 1 PER LIST A, 1 PER LIST 4. DA EFF:03/09/01 FE/RA:NONE		DA	K								
EQUIPMENT ALWAYS REQUIRED IN ADDITION TO LIST 3, 3A, (PROVIDES NEW BACKPLANE GRP). DA EFF:03/09/01 FE/RA:NONE		DA	L	1	ED5D657-30	3,A, B					
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3 & 5 FOR 45 MB/SEC (REMOTE OFFICES) (SEE NOTES 56, 58, 60 & 67). FE:J5D003ED-2,LBF DA EFF:11/18/94		DA	M								
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3 & 6 FOR 90 MB/SEC 0-18 MILES. (REMOTE OFFICES) (SEE NOTES 56,58 & 60). DA EFF:06/11/93 FE:J5D003ED-2,LAX		DA	N								
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3 & 7 FOR 90 MB/SEC 0-28 MILES. (REMOTE OFFICES) (SEE NOTES 56,58 & 60). DA EFF:06/11/93 FE:J5D003ED-2,LAY		DA	P								
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3 & 8 FOR 90 MB/SEC 10-36 MILES. (REMOTE OFFICES) (SEE NOTES 56,58 & 60). DA EFF:06/11/93 FE:J5D003ED-2,LAY		DA	Q								
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3,3A & 5,5A WITHOUT LISTS 6 OR 7 OR 8 FOR 45 MB/SEC. OR 3, 3A & 5,5A WITHOUT LISTS 11,11A OR 12,12A. PROVIDES LABELS FOR HOST OFFICE SUPPORTING ONE OR TWO 45 MB/SEC REMOTES. (SEE NOTES 57,58,60,68 & 69) DA EFF:03/09/01 FE/RA:NONE		DA	R								
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3 & 6 WITHOUT LISTS 5 OR 7 OR 8. PROVIDES LABELS FOR HOST SUPPORTING ONE OR TWO 90 MB/SEC 0-18 MILE ORMS. (SEE NOTES 57,58 & 60). DA EFF:06/11/93 FE:J5D003ED-2,LAZ		DA	S								

TABLE-A CONTINUED

J5D003ED-2

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 LISTS 3 & 7 WITHOUT LISTS 5 OR 6 OR 8. PROVIDES LABELS FOR HOST SUPPORTING ONE OR TWO 90 MB/SEC 0-28 MILE ORMS. (SEE NOTES 57,58 & 60). DA EFF:06/11/93 FE:J5D003ED-2,LBA		DA	T								
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3 & 8 WITHOUT LIST 5 OR 6 OR 7. PROVIDES LABELS FOR HOST OFFICE SUPPORTING ONE OR TWO 90 MB/SEC 10 TO 36 MILE ORMS. DA EFF:06/11/93 FE:J5D003ED-2,LBA		DA	U								
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3,4,4A,4B,6 & 7 FOR 90 MB/SEC WHEN 1ST ORM IS 0-18 MILES AND 2ND ORM IS 0-28 MILES. (HOST OFFICES). (SEE NOTES 57, 58 & 60). DA EFF:06/11/93 FE:J5D003ED-2,LBB		DA	V								
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3,4,4A,4B,6 & 7 FOR 90 MB/SEC WHEN 1ST ORM IS 0-28 MILES AND 2ND ORM IS 0-18 MILES. (HOST OFFICES) (SEE NOTES 57,58 & 60). DA EFF:06/11/93 FE:J5D003ED-2,LBC		DA	W								
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3,4,4A,4B,6 & 8 FOR 90 MB/SEC WHEN 1ST ORM IS 0-18 MILES AND 2ND ORM IS 10-36 MILES. (HOST OFFICES). (SEE NOTES 57,58 & 60). DA EFF:06/11/93 FE:J5D003ED-2,LBB		DA	X								
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3,4,4A,4B,6 & 8 FOR 90 MB/SEC WHEN 1ST ORM IS 10-36 MILES AND 2ND ORM IS 0-18 MILES. (HOST OFFICES). (SEE NOTES 57,58 & 60). DA EFF:06/11/93 FE:J5D003ED-2,LBC		DA	Y								
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3,4,4A,4B,7 & 8 FOR 90 MB/SEC WHEN 1ST ORM IS 0-28 MILES AND 2ND ORM IS 10-36 MILES. (HOST OFFICES). (SEE NOTES 57,58 & 60). DA EFF:06/11/93 FE/RA:NONE		DA	Z								
APPARATUS BLANK, 158A ALWAYS REQUIRED IN ADDITION TO LIST 500. DA EFF:03/09/01 FE/RA:NONE	151 172	DA	B1	1							
APPARATUS BLANK, 158C DA EFF:03/09/01 FE/RA:NONE	151	DA	B2	1							

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5ESS SWITCHING EQUIPMENT
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CONVERTER UNIT-2

DWG SIZE C2 ISSUE 28

LUCENT TECHNOLOGIES INC J5D003ED-2

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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	
KIT, FINAL ASSEMBLY TO MOUNT TRCU2 INTO A AT&T NS CABINET E/W CLASSIC FUSE/FILTER UNIT. DA EFF:03/09/01 FE/RA:NONE	151	DA	F1	1								
KIT, FINAL ASSEMBLY TO MOUNT TRCU2 INTO A AT&T NS CABINET E/W MODULAR FUSE/FILTER UNIT. DA EFF:03/09/01 FE/RA:NONE	151	DA	F2	1								
KIT, FINAL ASSEMBLY TO MOUNT TRCU2 INTO A GLOBAL CABINET II E/W MODULAR FUSE/FILTER UNIT. DA EFF:03/09/01 FE/RA:NONE	151	DA	F3	1								
UNIT GUIDE KIT FOR GLOBAL II CABINET. DA EFF:03/09/01 FE/RA:NONE	151	DA	G1	1								
UNIT GUIDE KIT FOR GLOBAL I CABINET. DA EFF:03/09/01 FE/RA:NONE	151	DA	G2	1								
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3,4,4A,4B,7 & 8 FOR 90 MB/SEC WHEN 1ST ORM IS 10-36 MILES AND 2ND ORM IS 0-28 MILES. (HOST OFFICES). (SEE NOTES 57,58 & 60). DA EFF:06/11/93 FE/RA:NONE		DA	AA									
ALWAYS REQUIRED IN ADDITION TO LIST 3 OR 4,4A,4B (ONE LIST AB PER LIST 3, ONE LIST AB PER LIST 4,4A,4B, & 4C, MAX 2 LIST AB'S). DA EFF:01/17/97 FE:J5D003ED-2,L4D		DA	AB									
APPARATUS REQUIRED IN ADDITION TO LIST 3, 3A PROVIDES FUSES FOR USE WITH J5D003AU, J5D003BJ, J5D003BT OR J5D003FM FUSE/FILTER UNITS. DA EFF:03/09/01 FE/RA:NONE		DA	AC									
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3,4,4A,4B,6 & 9 FOR 90 MB/SEC WHEN 1ST ORM IS 0-18 MILES AND 2ND ORM IS 17-44.9 MILES. (HOST OFFICES). (SEE NOTES 57,58 & 60). DA EFF:06/11/93 FE/RA:NONE		DA	AD									
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3,4,4A,4B,6 & 9 FOR 90 MB/SEC WHEN 1SR ORM IS 17-44.9 MILES AND 2ND ORM IS 0-18 MILES. (HOST OFFICES) (SEE NOTES 57,58 & 60). DA EFF:06/11/93 FE/RA:NONE		DA	AE									
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3,4,4A,4B,7 & 9 FOR 90 MB/SEC WHEN FIRST ORM IS 0-28 MILES AND 2ND ORM IS 17-44.9 MILES (HOST OFFICES) (SEE NOTES 57,58 & 60). DA EFF:06/11/93 FE/RA:NONE		DA	AF									
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3,4,4A,4B,7 & 9 FOR 90 MB/SEC WHEN 1ST ORM IS 17-44.9 MILES AND 2ND ORM IS 0-28 MILES. (HOST OFFICES) (SEE NOTES 57,58 & 60). DA EFF:06/11/93 FE/RA:NONE		DA	AG									

TABLE-A CONTINUED

J5D003ED-2

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 LISTS 3,4,4A,4B,8 & 9 FOR 90 MB/SEC WHEN 1ST ORM IS 10-36 MILES AND 2ND ORM IS 17-44.9 MILES. (HOST OFFICES) (SEE NOTES 57,58 & 60). DA EFF:06/11/93 FE/RA:NONE		DA	AH									
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3,4,4A,4B,8 & 9 FOR 90 MB/SEC WHEN 1ST ORM IS 17-44.9 MILES AND 2ND ORM IS 10-36 MILES. (HOST OFFICES) (SEE NOTES 57,58 & 60). DA EFF:06/11/93 FE/RA:NONE		DA	AJ									
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3 & 9 FOR 90 MB/SEC 17-44.9 MILES (REMOTE OFFICES) (SEE NOTES 56,58 & 60). DA EFF:06/11/93 FE/RA:NONE		DA	AK									
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3,4,4A,4B & 9 FOR 90 MB/SEC 17-44.9 MILES (HOST OFFICES) (SEE NOTES 57,58 & 60). DA EFF:06/11/93 FE/RA:NONE		DA	AL									
EQUIPMENT REQUIRED IN ADDITION TO LIST 4A,4B,5,5A & 7 FOR 45 MB/SEC 0-100 MILES AND 90 MB/SEC 0-18 MILES (HOST OFFICES) (SEE NOTES 62 & 64). DA EFF:06/11/93 FE:J5D003ED-2,LBD		DA	AM									
EQUIPMENT REQUIRED IN ADDITION TO LIST 4A,4B,5 & 7 FOR 45MB/SEC 0-100 MILES AND 90 MB/SEC 0-28 MILES (HOST OFFICES) (SEE NOTES 62 & 64). DA EFF:06/11/93 FE:J5D003ED-2,LBE		DA	AN									
EQUIPMENT REQUIRED IN ADDITION TO LIST 4A,4B,5 & 8 FOR 45MB/SEC 0-100 MILES AND 90 MB/SEC 10-36 MILES (HOST OFFICES) (SEE NOTES 62 & 64). DA EFF:06/11/93 FE:J5D003ED-2,LBD		DA	AP									
EQUIPMENT REQUIRED IN ADDITION TO LIST 4A,4B,5 & 9 FOR 45MB/SEC 0-100 MILES AND 90 MB/SEC 17-44.9 MILES (HOST OFFICES) (SEE NOTES 62 & 64). DA EFF:06/11/93 FE/RA:NONE		DA	AR									
APPARATUS REQUIRED IN ADDITION TO LIST 3 ONLY WHEN UNIT IS EQUIPPED IN HOST OFFICE. (SEE NOTE 55). DA EFF:03/09/01 FE/RA:NONE		DA	AT									

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5ESS SWITCHING EQUIPMENT
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DWG SIZE C2 ISSUE 28

LUCENT TECHNOLOGIES INC J5D003ED-2

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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 LISTS 4A,4B,4C,4D & AT WHEN UNIT IS EQUIPPED IN AN EXISTING MISCELLANEOUS CABINET EQUIPPED WITH THE OLD STYLE ONE PIECE DOOR FRAMES IN A HOST OFFICE. PROVIDES MOUNTING SPACERS. (SEE NOTE 66). DA EFF:03/09/01 FE/RA:NONE		DA	AU								
APPARATUS REQUIRED IN ADDITION TO LIST 3, 3A ONLY WHEN UNIT IS EQUIPPED IN A HOST OFFICE. SEE NOTE 55. DA EFF:03/09/01 FE/RA:NONE		DA	AV								
APPARATUS AND WIRING REQUIRED IN ADDITION TO LIST 3, 3A. PROVIDES FUSES FOR USE WITH J5D003FJ FUSE/FILTER UNIT. DA EFF:03/09/01 FE/RA:NONE		DA	AW								
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3 AND 11 FOR 90 MB/SEC 0-25.1 MILES. (REMOTE OFFICE) REPL:J5D003ED-2,LN FE:J5D003ED-2,L11A DA EFF:11/18/94	60 67 68	DA	AX								
EQUIPMENT REQUIRED IN ADDITION TO LISTS 3 AND 12 FOR 90MB/SEC 0-37.8 MILES. (REMOTE OFFICES) REPL:J5D003ED-2,LP FE:J5D003ED-2,LBH DA EFF:11/18/94	60 67 68	DA	AY								
LABELS REQUIRED IN ADDITION TO LISTS 3, 3A & 11A WITHOUT EITHER LISTS 5A OR 12A. PROVIDES LABELS FOR A HOST SUPPORTING ONE OR TWO 90 MB/SEC 0-25.1 MILE ORMS. REPL:J5D003ED-2,LS DA EFF:03/09/01 FE/RA:NONE	60 68 69	DA	AZ								
LABELS REQUIRED IN ADDITION TO LISTS 3, 3A & 11A WITHOUT EITHER LISTS 5A OR 11A. PROVIDES LABELS FOR A HOST SUPPORTING ONE OR TWO 90 MB/SEC 0-37.8 MILE ORMS. REPL:J5D003ED-2,LT DA EFF:03/09/01 FE/RA:NONE	60 68 69	DA	BA								
LABELS REQUIRED FOR HOST TRCU2 IN ADDITION TO LISTS 3, 3A, 4C, 4D, 11A & 12A WHEN THE 1ST ORM IS 0-25.1 MILES AND THE 2ND ORM IS 0-37.8 MILES REPL:J5D003ED-2,LV DA EFF:03/09/01 FE/RA:NONE	60 68 69	DA	BB								
LABELS REQUIRED FOR HOST TRCU2 IN ADDITION TO LISTS 3, 3A, 4C, 4D, 11A & 12A WHEN THE 1ST ORM IS 0-37.8 MILES AND THE 2ND ORM IS 0-25.1 MILES. REPL:J5D003ED-2,LW DA EFF:03/09/01 FE/RA:NONE	60 68 69	DA	BC								
LABELS REQUIRED FOR HOST TRCU2 IN ADDITION TO LISTS 4C, 4D, 5A & 11A FOR 0-100 MILES (45MB/SEC) AND 0-25.1 MILES (90MB/SEC). REPL:J5D003ED-2,LAM DA EFF:03/09/01 FE/RA:NONE	62 64 69	DA	BD								

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
LABELS REQUIRED FOR HOST TRCU2 IN ADDITION TO LISTS 4C, 4D, 5A & 12A FOR 0-100 MILES (45MB/SEC) AND 0-37.8 MILES (90MB/SEC). REPL:J5D003ED-2,LAN DA EFF:03/09/01 FE/RA:NONE	62 64 69	DA	BE								
LABELS REQUIRED IN ADDITION TO LISTS 3, 3A & 5A WITHOUT EITHER LIST 11A OR 12A WHEN PROVIDING UP TO 4 NCT LINKS FOR 0-100 MILES (45MB/SEC). PROVIDES LABELS FOR REMOTE TRCU2. REPL:J5D003ED-2,LM DA EFF:03/09/01 FE/RA:NONE	67 68	DA	BF								
LABELS REQUIRED IN ADDITION TO LISTS 3, 3A & 11A WITHOUT EITHER LIST 5A OR 12A WHEN PROVIDING UP TO 4 NCT LINKS FOR 0-25.1 MILES (90MB/SEC). PROVIDES LABELS FOR REMOTE TRCU2. REPL:J5D003ED-2,LAX DA EFF:03/09/01 FE/RA:NONE	67 68	DA	BG								
LABELS REQUIRED IN ADDITION TO LISTS 3, 3A & 12A WITHOUT EITHER LIST 5A OR 11A WHEN PROVIDING UP TO 4 NCT LINKS FOR 0-37.8 MILES (90MB/SEC). PROVIDES LABELS FOR REMOTE TRCU2. REPL:J5D003ED-2,LAY DA EFF:03/09/01 FE/RA:NONE	67 68	DA	BH								
LABELS REQUIRED IN ADDITION TO LISTS 3, 3A, 11A & 12A WHEN THE 1ST 2 NCT LINKS IS 0-25.1 MILES (90MB/SEC) AND THE 2ND 2 NCT LINKS IS 0-37.8 MILES (90MB/SEC). PROVIDES LABELS FOR REMOTE TRCU2. REPL:NONE DA EFF:03/09/01 FE/RA:NONE	67 68	DA	BJ								
LABELS REQUIRED IN ADDITION TO LISTS 3, 3A, 11A & 12A WHEN THE 1ST 2 NCT LINKS IS 0-37.8 MILES (90MB/SEC) AND THE 2ND 2 NCT LINKS IS 0-25.1 MILES (90MB/SEC). PROVIDES LABELS FOR REMOTE TRCU2. REPL:NONE DA EFF:03/09/01 FE/RA:NONE	67 68	DA	BK								
LABELS REQUIRED IN ADDITION TO LISTS 3, 3A, 5A & 11A WHEN THE 1ST 2 NCT LINKS IS 0-100 MILES (45MB/SEC) AND THE 2ND 2 NCT LINKS IS 0-25.1 MILES (90MB/SEC). PROVIDES LABELS FOR REMOTE TRCU2. REPL:NONE DA EFF:03/09/01 FE/RA:NONE	67 68	DA	BL								

TABLE-A CONTINUED

J5D003ED-2

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BT13

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
TRANSMISSION RATE
CONVERTER UNIT-2

DWG SIZE C2 ISSUE 28

LUCENT TECHNOLOGIES INC J5D003ED-2

SHEET A7 OF 23

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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
LABELS REQUIRED IN ADDITION TO LISTS 3, 3A, 5A & 12A WHEN THE 1ST 2 NCT LINKS IS 0-100 MILES (45MB/SEC) & THE 2ND 2 NCT LINKS IS 0-37.8 MILES (90MB/SEC). PROVIDES LABELS FOR REMOTE TRCU2. REPL:NONE DA EFF:03/09/01 FE/RA:NONE	67 68	DA	BM								
APPARATUS REQUIRED IN ADDITION TO LIST 3, 3A ONLY WHEN UNIT IS EQUIPPED IN A HOST OFFICE. MINIMUM OF 1 LIST BN REQUIRED FOR HOST TRCU2 WHEN PROVIDING 2 NCT LINKS. MAXIMUM OF 2 LIST BN'S REQUIRED FOR HOST TRCU2 PROVIDING 4 NCT LINKS (FULLY EQUIPPED). REPL:J5D003ED-2,L4B,LAV DA EFF:03/09/01 FE/RA:NONE	72	DA	BN	1	SD5D086-02	2					
METRIC FASTENERS (QUAN 4) REQ'D IN ADDITION TO LIST 3, 3A WHEN THE TRCU2 IS MOUNTED IN A PHASE II GLOBAL 5ESS-2000 CABINET FOR REMOTE OFFICE APPLICATIONS. REPL:NONE DA EFF:03/09/01 FE/RA:NONE		DA	BO	1							
ENGLISH FASTENERS (QUAN 4) REQ'D IN ADDITION TO LIST 3, 3A WHEN THE TRCU2 IS MOUNTED IN A PHASE I 5ESS-2000 CABINET FOR REMOTE OFFICE APPLICATIONS. REPL:NONE DA EFF:03/09/01 FE/RA:NONE		DA	BP	1							
LABEL, REAR PATCH (TN1345B) REQUIRED FOR HOST TRCU2 IN ADDITION TO LIST 3A, ORDER ONLY ONCE PER UNIT. REPL:NONE DA EFF:03/09/01 FE/RA:NONE	73	DA	BQ								
WIRING REQUIRED IN ADDITION TO LIST 3, 3A WHEN UNIT IS TO BE EQUIPPED IN A HOST OFFICE OR REMOTE OFFICES CONFIGURED FOR EXM2000 (5E9.2 & LATER). <5E9.2 & LATER> DA EFF:03/09/01 FE/RA:NONE		DA	WA	1	SD5D086-02	(1)	Y				
WIRING/ISOLATES REQUIRED IN ADDITION TO LIST 3, 3A & WA WHEN THE UNIT IS TO BE EQUIPPED IN A REMOTE OFFICE FOR EXM2000 (5E9.2 & LATER). DA EFF:03/09/01 FE/RA:NONE		DA	WB	1	SD5D086-01	(1)	Q				

END OF TABLE-A

J5D003ED-2

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DWG SIZE C2	ISSUE 28
LUCENT TECHNOLOGIES INC	J5D003ED-2
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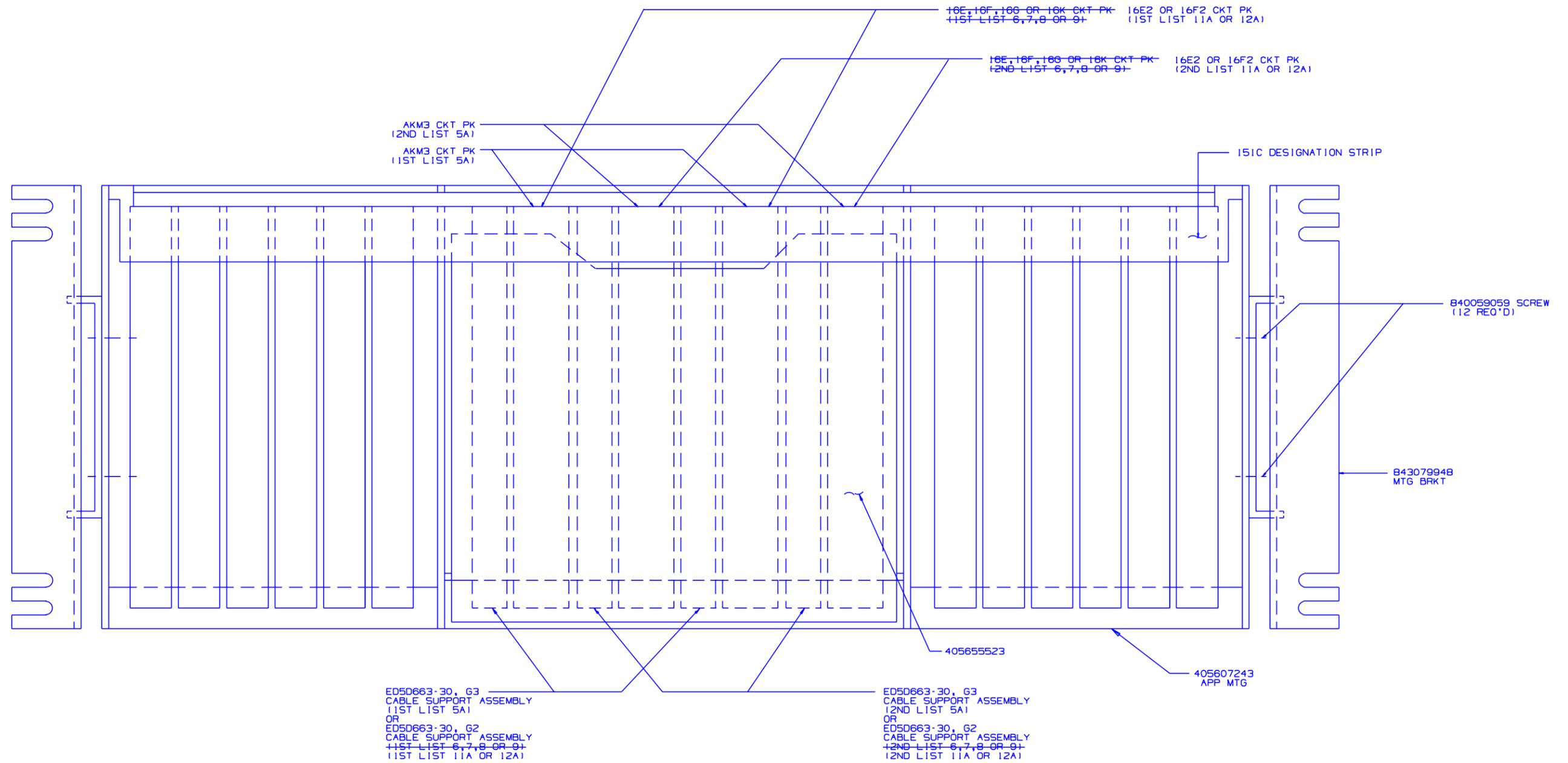


FIG. 1
FRONT VIEW

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TRANSMISSION RATE CONVERTER UNIT 2	DWG SIZE	ISSUE
	C2	26
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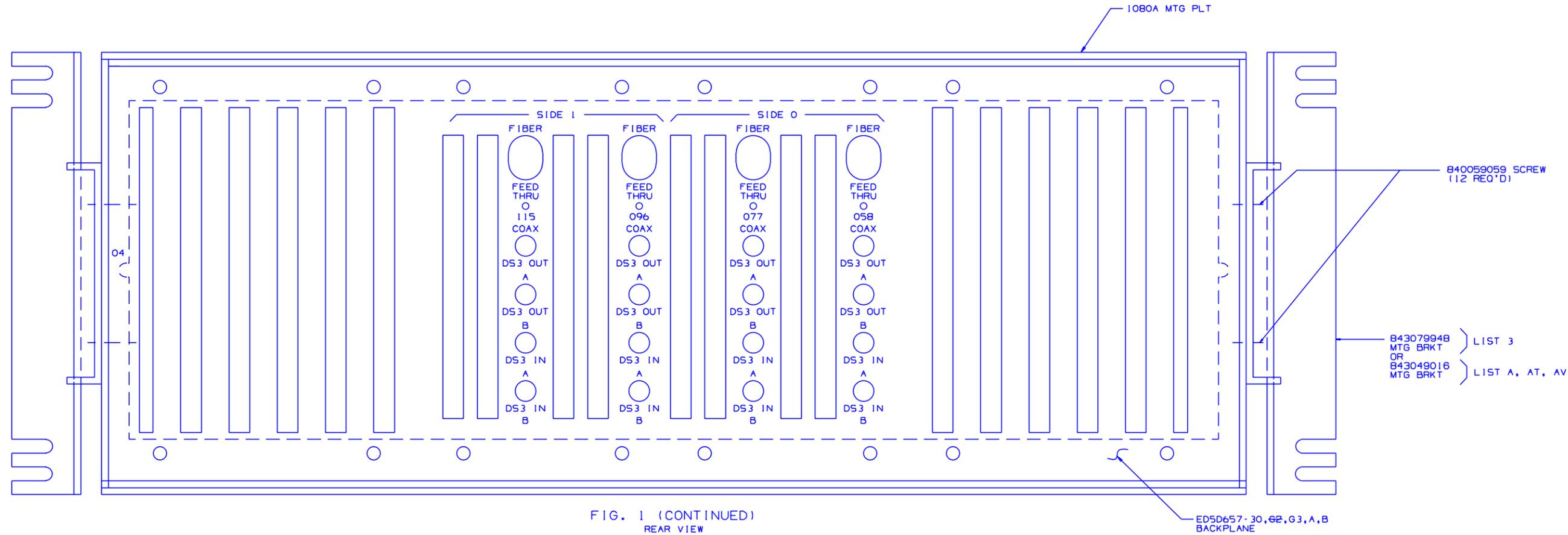


FIG. 1 (CONTINUED)
REAR VIEW

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TRANSMISSION RATE CONVERTER UNIT 2	DWG SIZE	ISSUE
	C2	26
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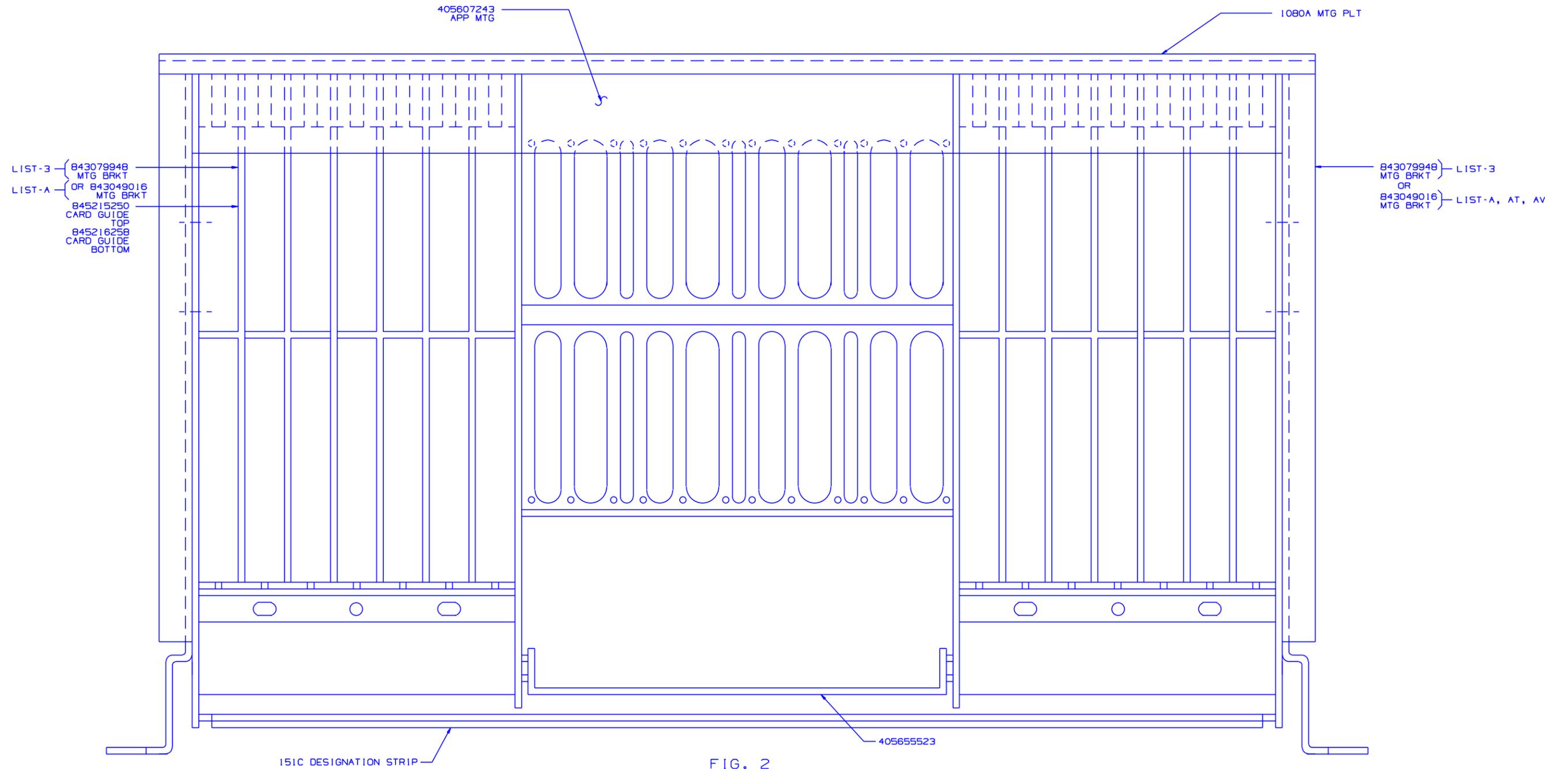
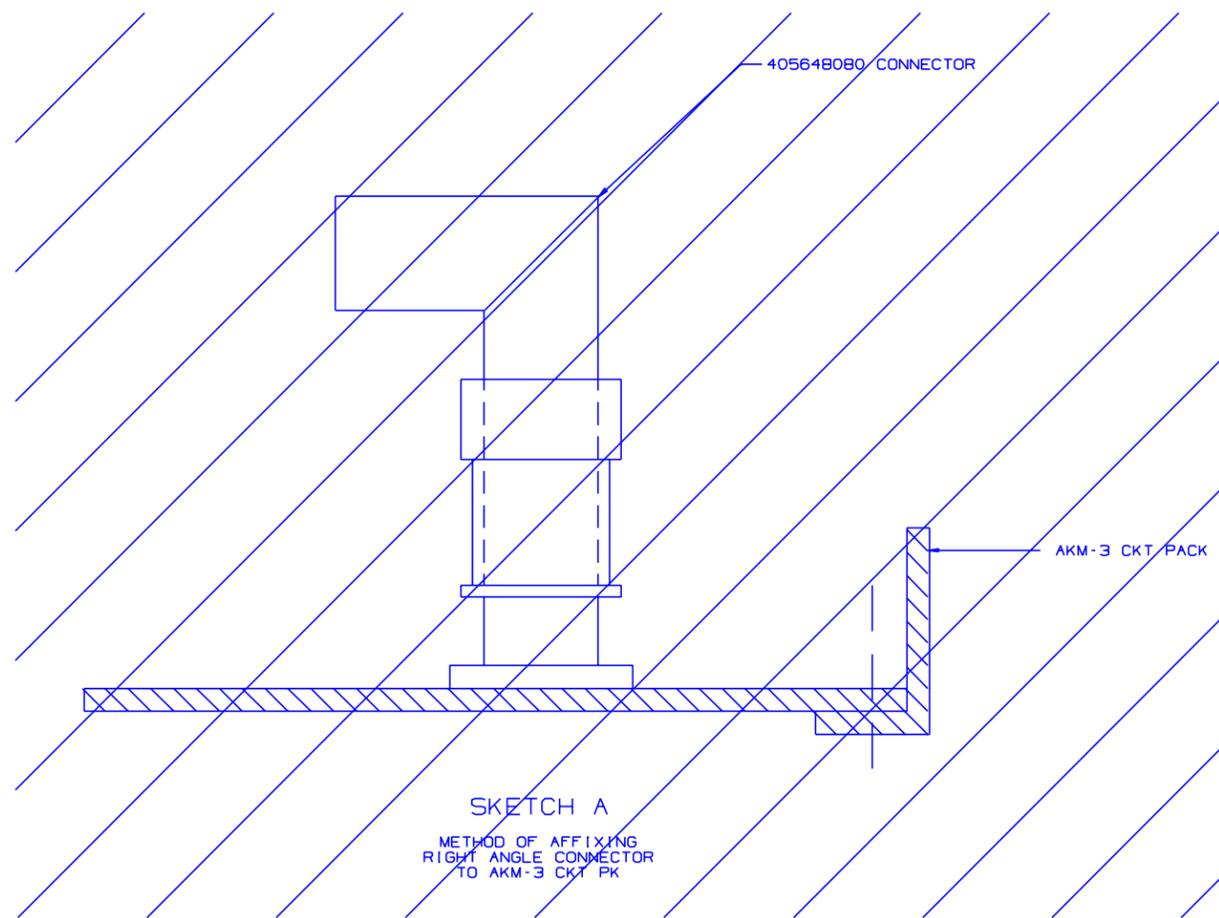


FIG. 2
TOP VIEW

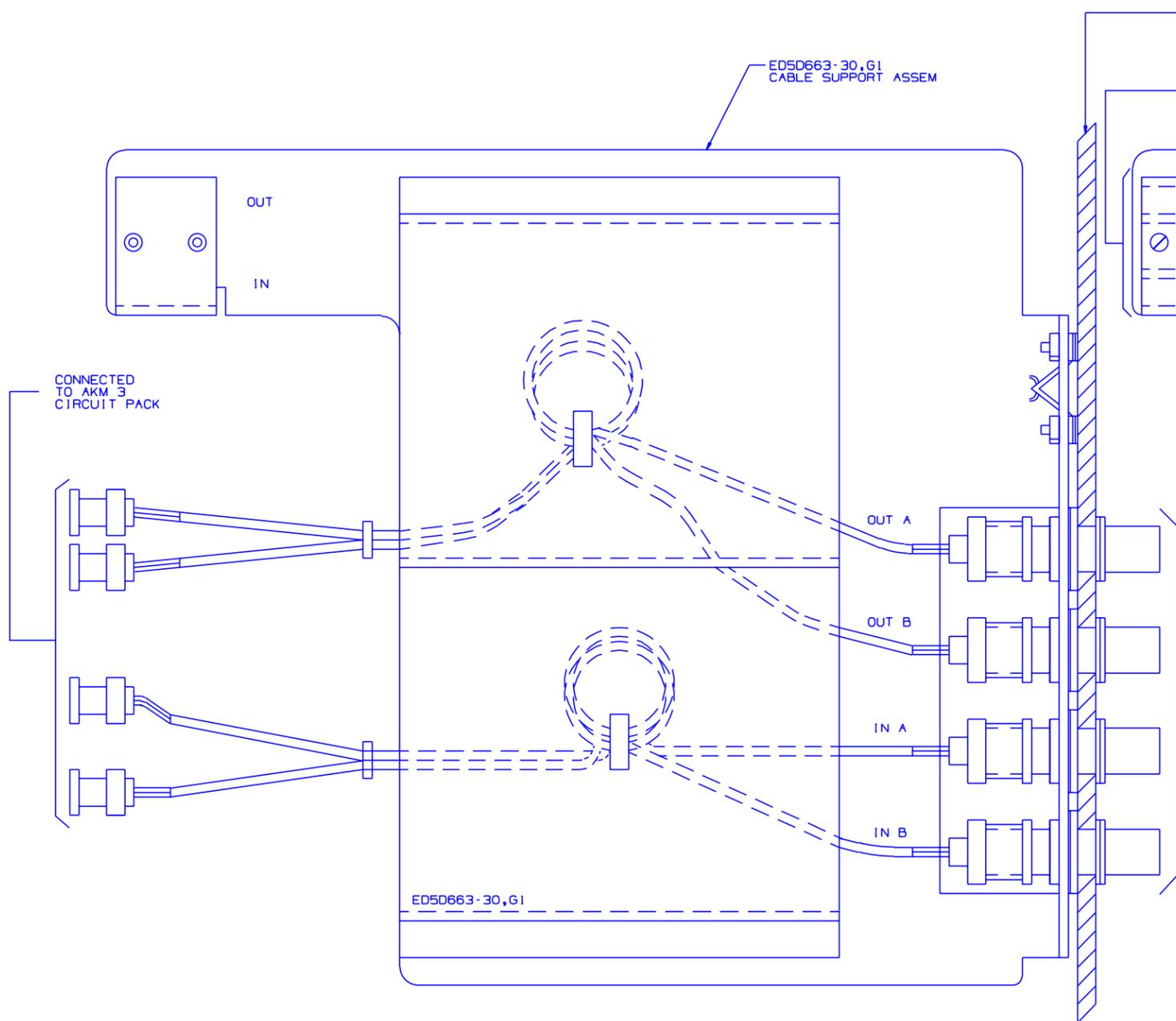
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TRANSMISSION RATE CONVERTER UNIT 2	DWG SIZE	ISSUE
	C2	26
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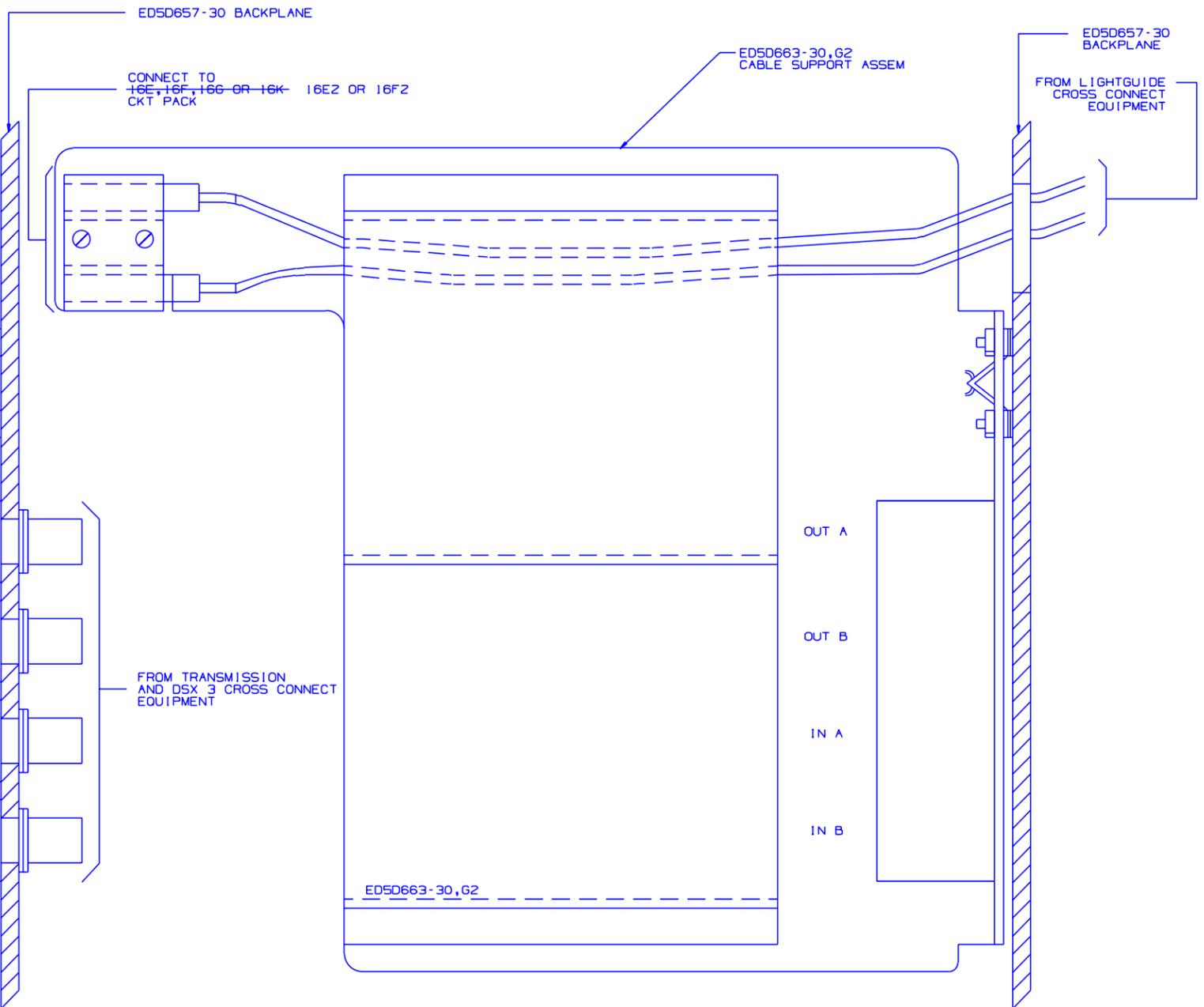
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TRANSMISSION RATE CONVERTER UNIT-2	DWG SIZE	ISSUE
	C2	26
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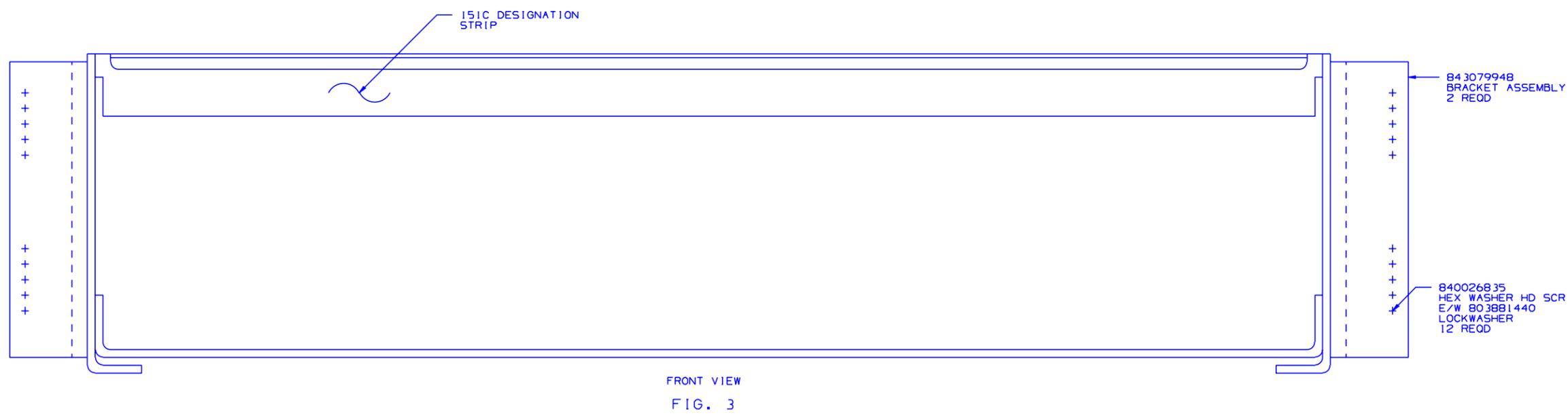
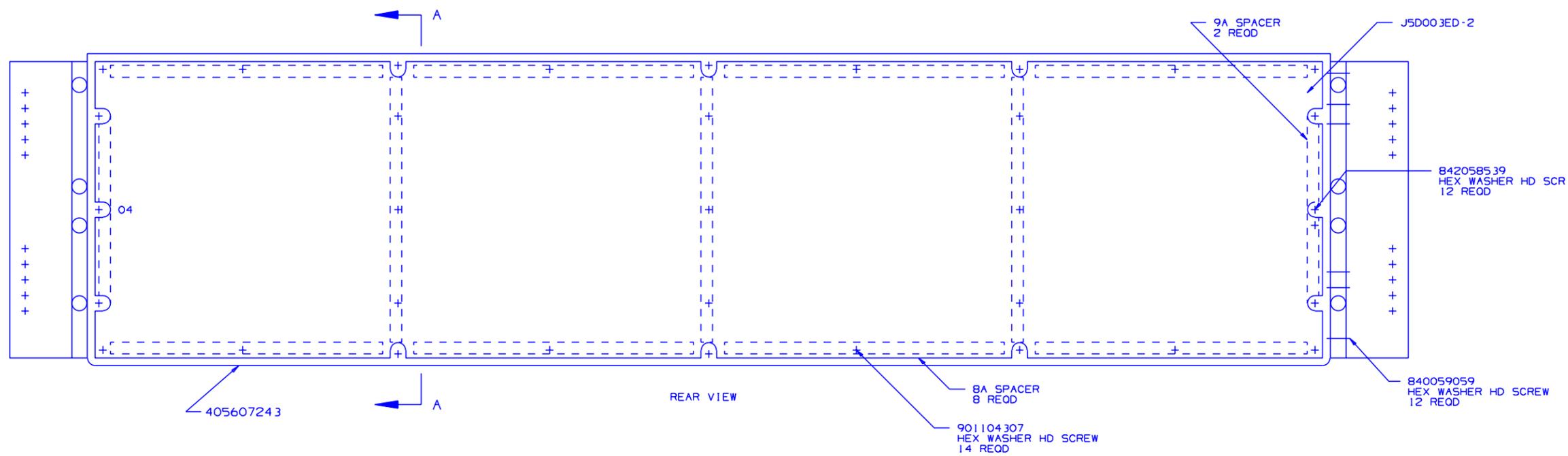


SKETCH B (DA)
COAX CABLE CONNECTION
IN TRCU2



SKETCH C
FIBER OPTIC CABLE CONNECTION
IN TRCU2

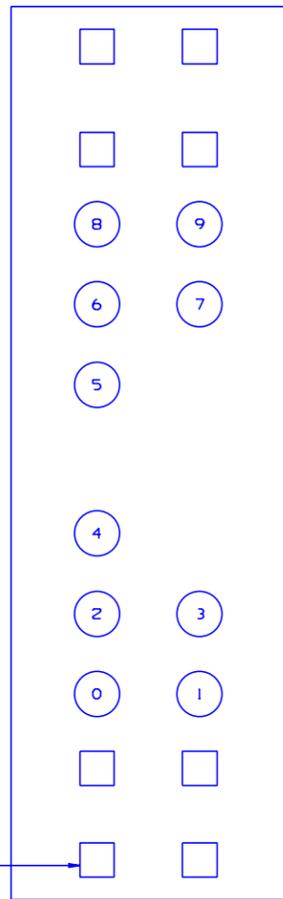
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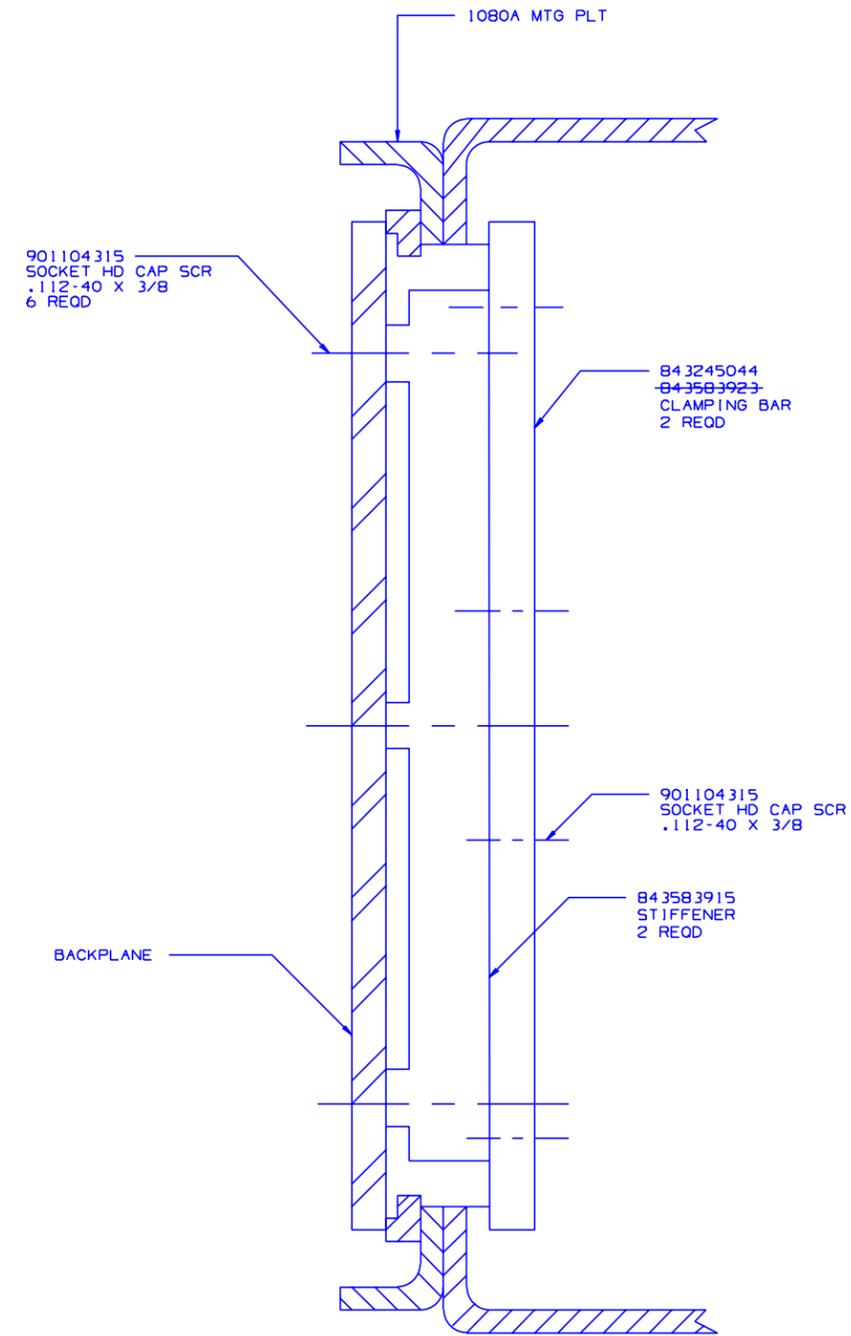
842397796
KEY HOLDER

TERMINAL 023

DETAIL AA

FRONT OR APPARATUS SIDE

KEYS 843436171 ARE INSERTED FROM REAR, LOOKING AT DETAIL AA, PER KEY CODE. NUMBERING SCHEME FOR DETERMINING LOCATION OF KEYS IS INDICATED IN DETAIL ABOVE. E.G. KEY CODE B-14579 WILL HAVE KEYS INSERTED IN LOCATIONS 1, 4, 5, 7 AND 9. ASSEMBLED KEY CODE SHALL BE INSTALLED ON CIRCUIT PACK SIDE OF BACKPLANE IN THE EOL'S INDICATED IN TABLE CA USING LOWER LEFTMOST TERMINAL AS THE LOCATING TERMINAL FOR EACH EOL, ALWAYS TERMINAL 023.



1080A MTG PLT

901104315
SOCKET HD CAP SCR
.112-40 X 3/8
6 REOD

843245044
~~843583923~~
CLAMPING BAR
2 REOD

901104315
SOCKET HD CAP SCR
.112-40 X 3/8

843583915
STIFFENER
2 REOD

BACKPLANE

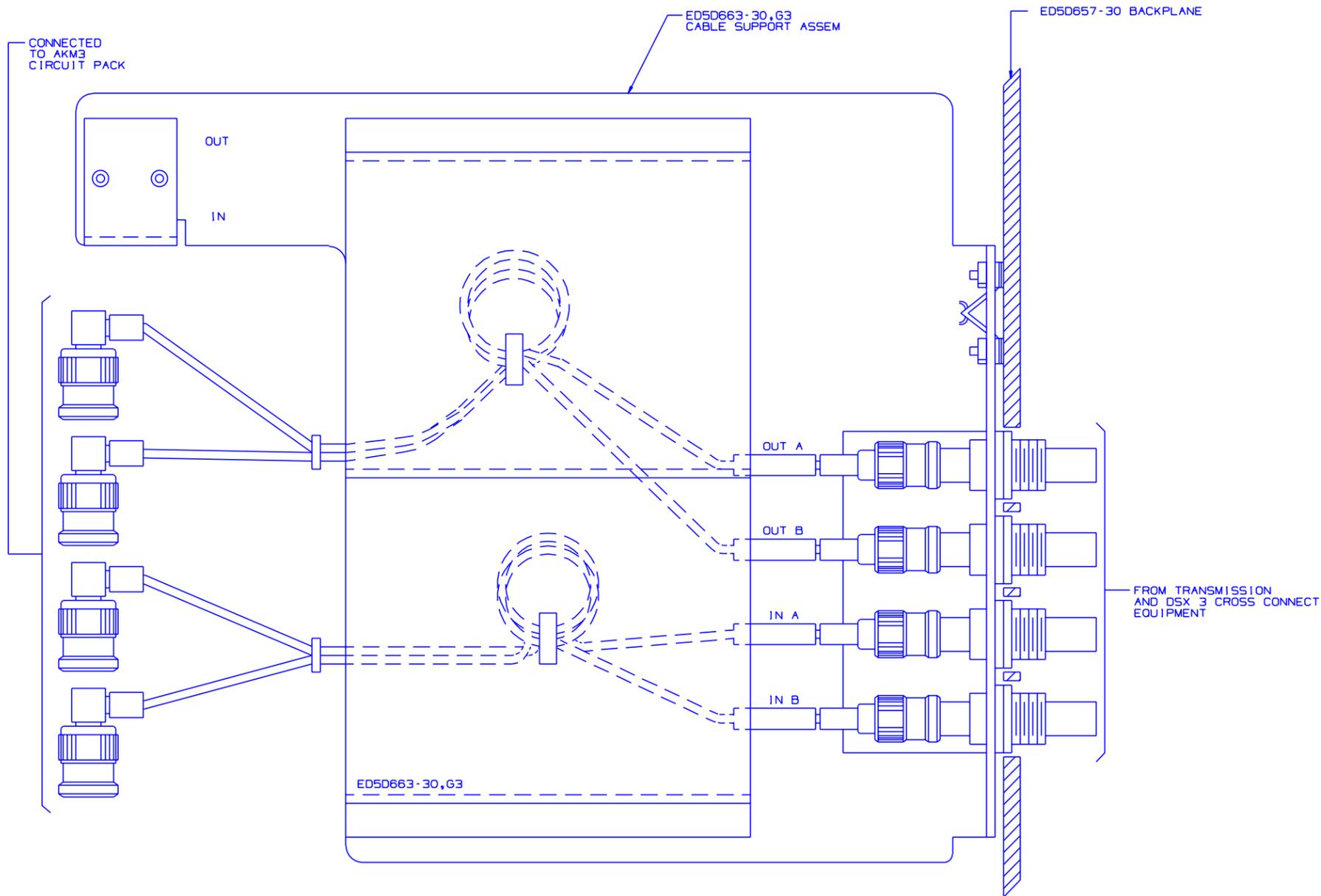
SECT. A-A

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TRANSMISSION RATE CONVERTER
UNIT 2

DWG SIZE C2	ISSUE 26
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SKETCH D
COAX CABLE CONNECTION
IN TRCU2

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TRANSMISSION RATE CONVERTER UNIT-2	DWG SIZE	ISSUE
	C2	26
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J5D003ED-2

S H O P T I N S T
 MANUFACTURING NOTES
 ***** CONTINUED *****
 982TRC 982TSC

X X 24. 16E2 AND 16F2 CIRCUIT PACKS WILL BE EQUIPPED IN THE FOLLOWING POSITIONS WHEN SPECIFIED ON THE UNIT.
 1ST LIST 10 OR 11A POS 069, 107
 2ND LIST 10 OR 11A POS 088, 126
 WHEN A MIX OF CIRCUIT PACKS ON THE SAME UNIT IS REQUIRED THE FOLLOWING COMBINATIONS MAY BE USED.

LIST 10 POS 069, 107
 LIST 11A POS 088, 126
 OR
 LIST 11A POS 069, 107
 LIST 10 POS 088, 126
 OR
 LIST 5A POS 063, 101
 LIST 10 POS 088, 126
 OR
 LIST 5A POS 063, 101
 LIST 12A POS 088, 126

X X 25. INSTALLATION OF TORLONE ISOLATE TERMINAL REQUIRED (900550922) FOR REMOTE TRCU2 EXM2000 APPLICATIONS ONLY. PINS ARE INSTALLED AT:

 LIST WB

 004-022-039
 004-022-150
 004-038-039
 004-038-150
 004-138-039
 004-138-150
 004-154-039
 004-154-150

X 26. APPARATUS BLANK 158A (0.50) IS RIGHT SIDE (FRONT VIEW) HOUSING END FILLERS.

X X 27. IN ADDITION TO NOTE 26, A TOTAL OF FOUR 158C (1.0 INCH) APPARATUS BLANKS MAY BE REQUIRED. ONE 158C BLANK WILL NEED TO BE OMITTED FOR EVERY TN1345 OR TN1345B CIRCUIT PACK EQUIPPED AT POS 16, 20, 74, 78.

S H O P T I N S T
 MANUFACTURING NOTES
 ***** CONTINUED *****

LIST 7 - POS 088,126
 OR
 LIST 6 - POS 069,107
 LIST 9 - POS 088,126
 OR
 LIST 9 - POS 069,107
 LIST 6 - POS 088,126
 OR
 LIST 7 - POS 069,107
 LIST 9 - POS 088,126
 OR
 LIST 9 - POS 069,107
 LIST 7 - POS 088,126
 OR
 LIST 8 - POS 069,107
 LIST 9 - POS 088,126
 OR
 LIST 9 - POS 069,107
 LIST 8 - POS 088,126

X X 15. WHEN THIS UNIT IS EQUIPPED IN A SWITCHING MODULE CONTROL CABINET J5D003E OR L, THE 5AMP FUSE & KS14174,L3 DESIG PIN SHALL BE EQUIPPED IN FUSE POS. 8T & 20T. WHEN IT IS EQUIPPED IN THE J5D003L CABINET EQUIPPED WITH A J5D003AU-2 FUSE/FILTER UNIT THE 5AMP FUSE & KS14174,L3 DESIG PIN SHALL BE EQUIPPED IN FUSE POSITION 5B & 7B.

X X 16. FUSE LABELS SHALL BE AFFIXED TO THE FUSE LABEL PANEL FASTENED TO THE REAR OF THE BEZEL LOCATED AT THE TOP FRONT OF THE CABINET.

X X 17. LABELS ARE FURNISHED REFLECTING ULTIMATE CKT PK REQUIREMENTS.

X X 18. THE LINE ENGINEER SHALL MAKE FUSE ASSIGNMENTS WHEN THIS UNIT IS MOUNTED IN J5D005C. SEE TABLE AA FOR FUSE ASSIGNMENTS AND ED5D505-10, G40B FOR WIRING.

X X 19. 982 TYPE (LDT) CONNECTORS DO NOT REQUIRE EQL STAMPING AND SHALL BE EQUIPPED AS FOLLOWS:

LIST	EQL	TERMINAL
AV, BN OR 505	04-022R	132
AV, BN OR 505	04-030R	132
AV, BN OR 505	04-138R	132
AV, BN OR 505	04-146R	132
4C OR BN OR 505	04-038R	132
4C OR BN OR 505	04-046R	132
4C OR BN OR 505	04-154R	132
4C OR BN OR 505	04-162R	132

(SEE ENGINEERING NOTE 154)

X X 20. \$SEE SKETCH A FOR AFFIXING CONNECTOR TO CIRCUIT PACK.\$

X X 21. KEY CODES ARE TO BE EQUIPPED AS FOLLOWS:

EQL	KEY CODE
04-006	B-01389
04-014	B-01389
04-022	B-01259
04-030	B-01259
04-038	B-01259
04-046	B-01259
04-138	B-01259
04-146	B-01259
04-154	B-01259
04-162	B-01259
04-170	B-01389
04-178	B-01389

X X 22. 982CF & 982CG (ODL40) CONNECTORS DO NOT REQUIRE EQL STAMPING AND SHALL BE EQUIPPED AS FOLLOWS:

LIST	EQL	TERMINAL	982CF,982CG
K	04-022R	132,145	
K	04-030R	132,145	
K	04-138R	132,145	
K	04-146R	132,145	
K	04-038R	132,145	
K	04-046R	132,145	
K	04-154R	132,145	
K	04-162R	132,145	

X X 23. LDT PADDLE BOARDS THAT ARE SUFFIX CODED SHALL BE TREATED AS EQUIVALENT AND INTERCHANGABLE WITH NON-SUFFIX CODED LDT'S AND MAY BE SHIPPED BY THE MANUFACTURING LOCATION TO FILL ORDERS . BELOW IS A LIST OF THE ODL PADDLE BOARDS AND THEIR EQUIVALENTS.

982TR	982TS
982TRA	982TSA
982TRAA	982TSAA

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

S H O P T I N S 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.

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

"S" PARTS NOT ASSEMBLED, SHIPPED SEPARATELY.

A/R AS REQUIRED.

"B" PARTIAL ASSEMBLIES ON OTHER DRAWINGS WITH STOCKLISTS.

X X 12. 127 TYPE APP MTGS ARE TO BE MOUNTED AS INDICATED BELOW. AFTER UNIT WIRING, APP MTGS ARE LOCATED BY THEIR LOWER LEFT MOST TERMINAL AS VIEWED FROM THE WIRING SIDE.

EQL	TERMINAL
04-018R	000
04-022R	132
04-030R	132
04-038R	132
04-046R	132
04-138R	132
04-146R	132
04-154R	132
04-162R	132
04-174R	000

X X 13. AKM-3 CKT PKS WILL BE EQUIPPED IN THE FOLLOWING POSITIONS:
 1ST LIST 5 POS 063,101
 2ND LIST 5 POS 082,120

X X 14. 16E(2),F(2),G,OR K CKT PACKS WILL BE EQUIPPED IN THE FOLLOWING POSITIONS WHEN THE SAME PACKS ARE SPECIFIED ON THE UNIT.
 1ST LIST 6,7,8 OR 9 - POS 069,107
 2ND LIST 6,7,8 OR 9 - POS 088,126
 WHEN A MIX OF CIRCUIT PACKS ON THE SAME UNIT IS REQUIRED, THE FOLLOWING COMBINATION OF LISTS & CKT PACK POS CAN BE UTILIZED:

LIST 6 - POS 069,107
 LIST 7 - POS 088,126
 OR
 LIST 7 - POS 069,107
 LIST 6 - POS 088,126
 OR
 LIST 6 - POS 069,107
 LIST 8 - POS 088,126
 OR
 LIST 8 - POS 069,107
 LIST 6 - POS 088,126
 OR
 LIST 7 - POS 069,107
 LIST 8 - POS 088,126
 OR
 LIST 8 - POS 069,107

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

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
1010	3	4	104193875	TN1345	PACK,CIRCUIT CLEI = E5ICD00AXX EQPT POS 022,030,138,146				
1015	3A	4	107887630	TN1345B	PACK,CIRCUIT CLEI = E5PQAT1A EQPT POS 022,030,138,146				
1020	3,3A	4	103803631	494RA	UNIT,POWER FE CLEI=PWPQ54AA CLEI = PWPQAC1A EQPT POS 006,014,170,178				
1030	3,3A	1	104042106	158A	BLANK,APPARATUS POS 88				
1040	3,3A	4	104042122	158C	BLANK,APPARATUS POS 16,20,74,78				
1050	3,3A	1	103316097	1080A	PLATE,MOUNTING				
1060	3 3A	1	ED5D657-30,G2, GA,GB, G2,GA,GB		BACKPLANE, MULTILAYER				
1062	L	OMIT	1	ED5D657-30,G2, GA,GB	BACKPLANE, MULTILAYER				
1064	L	1	ED5D657-30,G3, GA,GB		BACKPLANE, MULTILAYER				
1070	3,3A	1	405607243		MOUNTING #ESF4983E ELECTRO-SPACE FABRICATORS				
1080	3,3A	2	845215250		GUIDE, TOP CARD				
1090	3,3A	2	845216258		GUIDE, BOTTOM CARD				
1100	3,3A	1	104226600	151C	STRIP, DESIGNATION				
1130	3,3A	2	843583915		STIFFENER				
1140	3,3A	2	843245044		BAR, CLAMPING				
1150	3,3A	12	842397796		HOLDER, KEY				
1160	3,3A	60	843436171		KEY, TUBULAR				21
1170	3,3A	2	843079948		BRACKET, MOUNTING				
1180	3,3A	10	103342119	127C	MOUNTING, APPARATUS				12
1190	3,3A	8	103316287	8A	SPACER				
1200	3,3A	2	103316295	9A	SPACER				
1210	3,3A	12	840059075		SCREW, PAN HEAD MACHINE .164-32 X 7/16 STEEL 289A FINISH				
1215	3,3A	12	900820077		SCREW, SLOT HEXAGON WASHER HEAD .164-32 X 5/16				
1220	3,3A	8	843584160		SCREW, SOCKET HEAD CAP .112-40 X 1/2 THREAD ROLLING TYPE W TAPTITE ZINC PLATED				
1230	3,3A	6	901104315		SCREW, SOCKET HEAD CAP .112-40 X 3/8 IN.				
1240	3,3A	12	842058539		SCREW, SLOT HEXAGON WASHER HEAD .112-40 X 1/4 IN.				
1250	3,3A	14	901104307		SCREW, HEXAGON WASHER HEAD .112-40 X 1/2 IN. SEMS				
1260	3,3A	4	901123836		STUD, BALL #P101-577 TINNERMAN.FASTENERS CO.				
1270	3	4	840058580		SCREW, PAN HEAD MACHINE .138-32 X 5/16 STEEL 289A FINISH				
1280	3	4	804236321	P-423632	WASHER, EXTERNAL TOOTH LOCK .138 STEEL 289A FINISH				
1290	3,3A	2	100203348	70C	FUSE 3 AMP 15,18				*/
1300	3,3A	2	401922075	KS14174L3	PIN, DESIGNATION NYLON BLUE 15,18				*/

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

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
1301	AC	1	ED5D088-10,G315		LABEL, FUSE				*/
1302	AC	1	ED5D088-10,G316		LABEL, FUSE				*/
1305	3,3A	1	405655523		DOOR #PIE1187 AUBURN PLASTICS CO.				
1306	3,3A	4	901109322		SCREW, HEXAGON HEAD .138-32 X 1/4 STEEL				
1310	3	10	840026835		SCREW, TTF SLOTTED HEX, WASHER HD .216-24 X 5/8 TAPPING TYPE (SWAGE FORM) STEEL ZINC PLATE 289A FINISH				*/
1312	AW	2	406708545	WP91768LIU7	FUSE, 2.0 AMP, 250 VOLT VERY FAST ACTING				
1313	AW	1	ED5D088-10,G453		LABEL, FUSE				
1314	AW	1	ED5D088-10,G454		LABEL, FUSE				
1315	AW	2	406693887	WP91768L110	FUSE, 5.00 AMP FAST ACTING				*/
1316	AW	1	ED5D088-10,G583		LABEL, FUSE				*/
1317	AW	1	ED5D088-10,G584		LABEL, FUSE				*/
1320	4,A	4	104177720	982TR	CONNECTOR				19 23
1325	4A,AT	4	106246895	982TRA	CONNECTOR, ASSEMBLY MALE				19 23
1326	4B,AV	4	106577273	982TRAA	CONNECTOR, ELECTRICAL ASSEMBLY 48 CONTACTS, SOCKET, MALE CLEI = E5PQABXAAA				19 23
1327	BN	4	106502511	982TRC	CONNECTOR, ELECTRICAL ASSEMBLY 48 CONTACTS, SOCKET, FEMALE FE CLEI=E5PQ51VA CLEI = E5PQAY1A				19 23
1330	4,4A,4B, 4C	4	105580302	TN1345	PACK,CIRCUIT FE CLEI=E5ICD01A FE CLEI=E5ICD02A CLEI = E5ICD03A EQPT POS 038,046,154,162				
1335	4D	4	107887630	TN1345B	PACK,CIRCUIT CLEI = E5PQAT1A EQPT POS 038,046,154,162				
1340	5,5A	2	104172341	AKM3	PACK,CIRCUIT CLEI = DMCBAB0E				13 20
1360	5	8	405648080		CONNECTOR, RIGHT ANGLE BNC JACK TO JACK #31-9 AMPHENOL CO.				*/ 20
1365	5 10	2	ED5D663-30,G1, G1		ASSEMBLY, CABLE SUPPORT				
1366	5 5A	2	ED5D663-30,G3, G3		ASSEMBLY, CABLE SUPPORT				
1370	6	2	104171509	16E	REGENERATOR CLEI = M3RG300DXX				14
1380	7	2	104171517	16F	REGENERATOR CLEI = M3RG310DXX				14
1390	8	2	104369525	16G	REGENERATOR CLEI = M3RG320DXX				14

STOCKLIST CONTINUED ON SHEET D3

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BT13

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
TRANSMISSION RATE
CONVERTER UNIT-2

DWG SIZE
C2

ISSUE
28

J5D003ED-2

LUCENT TECHNOLOGIES INC J5D003ED-2

SHEET D2
OF 23

PRINTED IN U.S.A.

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1392	9	2	105588453	16K	REGENERATOR S1:2 CLEI = M3RG330DXX			14
1395	6 7 8 9 11 11A 12 12A	2	ED5D663-30,G2, G2, G2, G2, G2, G2, G2		ASSEMBLY, CABLE SUPPORT			
1410	B	1	ED5D662-10,G1, G2		LABELS			17
1411	F	1	ED5D662-10,G7, G8		LABELS			
1420	C	1	ED5D662-10,G3, G4		LABELS			17
1421	G	1	ED5D662-10,G9, G10		LABELS			
1430	D	1	ED5D662-10,G3, G5		LABELS			17
1431	H	1	ED5D662-10,G9, G11		LABELS			
1440	E	1	ED5D662-10,G3, G6		LABELS			17
1441	J	1	ED5D662-10,G9, G12		LABELS			
1450	4,4A,4B, 4C,4D	OMIT 4	104042122	158C	BLANK, APPARATUS POS 16,20,74,78			
1460	K	4	103561890	982CF	CONNECTOR			63
1470	K	4	103561908	982CG	CONNECTOR			63
1480	K	OMIT 4	104177720	982TR	CONNECTOR			
1490	A,AT,AV	OMIT 2	843079948		BRACKET, MOUNTING			
1500	A,AT,AV	2	843049016		ASSEMBLY, BRACKET			
1510	AB	4	105580302	TN1345	PACK, CIRCUIT FE CLEI=E5ICD01A FE CLEI=E5ICD02A CLEI = E5ICD03A 1ST LIST AB EQPT POS 022,030,138,146 2ND LIST AB EQPT POS 038,046,154,162			
1520	AB	4	105580302	TN1345	PACK, CIRCUIT FE CLEI=E5ICD01A FE CLEI=E5ICD02A CLEI = E5ICD03A 1ST LIST AB EQPT POS 022,030,138,146 2ND LIST AB EQPT POS 038,046,154,162			
1525	WB	8	900550922		PIN, TORLON ISOLATION #121-25605-2 WINCHESTER ELECTRONICS CO.			25
1530	M	1	ED5D662-10,G13, G14		LABELS			
1540	N	1	ED5D662-10,G13, G15		LABELS			
1550	P	1	ED5D662-10,G13, G16		LABELS			
1560	Q	1	ED5D662-10,G13, G17		LABELS			
1570	R	1	ED5D662-10,G18, G19		LABELS			
1580	S	1	ED5D662-10,G18, G20		LABELS			
1590	T	1	ED5D662-10,G18, G21		LABELS			
1600	U	1	ED5D662-10,G18, G22		LABELS			

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

J5D003ED-2

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
1610	V	1	ED5D662-10,G18, G23		LABELS				
1620	W	1	ED5D662-10,G18, G24		LABELS				
1630	X	1	ED5D662-10,G18, G25		LABELS				
1640	Y	1	ED5D662-10,G18, G26		LABELS				
1650	Z	1	ED5D662-10,G18, G27		LABELS				
1660	AA	1	ED5D662-10,G18, G28		LABELS				
1670	AC,AW	OMIT 2	100203348	70C	FUSE 3 AMP POS 15,18				*/
1680	AC,AW	OMIT 2	401922075	KS14174L3	PIN, DESIGNATION NYLON BLUE POS 15,18				*/
1690	AC	2	100203355	70D	FUSE 5 AMP POS 15,18				*/ 15
1700	AC	2	401922083	KS14174L4	PIN, DESIGNATION NYLON GREEN POS 15,18				*/ 15
1710	AD	1	ED5D662-10,G18, G29		LABELS				
1720	AE	1	ED5D662-10,G18, G30		LABELS				
1730	AF	1	ED5D662-10,G18, G31		LABELS				
1740	AG	1	ED5D662-10,G18, G32		LABELS				
1750	AH	1	ED5D662-10,G18, G33		LABELS				
1760	AJ	1	ED5D662-10,G18, G34		LABELS				
1770	AK	1	ED5D662-10,G13, G35		LABELS				
1780	AL	1	ED5D662-10,G18, G36		LABELS				
1790	AM	1	ED5D662-10,G18, G37		LABELS				
1800	AN	1	ED5D662-10,G18, G38		LABELS				
1810	AP	1	ED5D662-10,G18, G39		LABELS				
1820	AR	1	ED5D662-10,G18, G40		LABELS				
1830	AU	OMIT 10	840026835		SCREW, TTF SLOTTED HEX, WASHER HD .216-24 X 5/8 TAPPING TYPE (SWAGE FORM) STEEL ZINC PLATE 289A FINISH				*/
1840	AU	2	846735652		SPACER, WALL UNIT THK .313IN X WD .500IN X LG 8.250IN				*/

STOCKLIST CONTINUED ON SHEET D4

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BT13

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
TRANSMISSION RATE
CONVERTER UNIT-2

DWG SIZE C2 ISSUE 28

LUCENT TECHNOLOGIES INC J5D003ED-2

SHEET D3 OF 23

PRINTED IN U.S.A.

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1850	AU	10	840026843		SCREW,HEXAGON WASHER HEAD .216-24 X 3/4 SELF TAPPING		*/	
1860	A,AT,AV	OMIT 12	900820077		SCREW,SLOT HEXAGON WASHER HEAD .164-32 X 5/16			
1870	3,3A,A, AT,AV	12	840059059		SCREW,PAN HEAD MACHINE .164-32 X 5/16 STEEL 289A FINISH			
2500	11,11A	2	106901101	16E2	REGENERATOR,OPTICAL LINE CLEI = M3RGZ2TDAA			24
2510	12,12A	2	106849029	16F2	REGENERATOR,OPTICAL LINE CLEI = M3RGZ0TDAA			24
2600	AX	1	ED5D662-10,G13, G41		LABELS			
2610	AY	1	ED5D662-10,G13, G42		LABELS			
2620	AZ	1	ED5D662-10,G18, G43		LABELS			
2630	BA	1	ED5D662-10,G18, G44		LABELS			
2640	BB	1	ED5D662-10,G18, G45		LABELS			
2650	BC	1	ED5D662-10,G18, G46		LABELS			
2660	BD	1	ED5D662-10,G18, G47		LABELS			
2670	BE	1	ED5D662-10,G18, G48		LABELS			
2680	BF	1	ED5D662-10,G49, G50		LABELS			
2690	BG	1	ED5D662-10,G49, G51		LABELS			
2700	BH	1	ED5D662-10,G49, G52		LABELS			
2710	BJ	1	ED5D662-10,G49, G53		LABELS			
2720	BK	1	ED5D662-10,G49, G54		LABELS			
2730	BL	1	ED5D662-10,G49, G55		LABELS			
2740	BM	1	ED5D662-10,G49, G56		LABELS			
2750	BO	4	901271031		SCREW,HEXAGONAL WASHER #M6X16 PHILLIPS ACR 2		*/	
2760	BP	4	840026835		SCREW,TTF SLOTTED HEX, WASHER HD .216-24 X 5/8 TAPPING TYPE (SWAGE FORM) STEEL ZINC PLATE 289A FINISH		*/	
2770	BQ	2	ED5D662-10,G57		LABELS			
5000	500	1	847455953		ASSEMBLY,SHELF			
5010	501	1	847052008		ASSEMBLY,SHELF			
5020	502	1	847455979		ASSEMBLY,SHELF			
5030	503	1	103803631	494RA	UNIT,POWER FE CLEI=PWPQ54AA CLEI = PWPQAC1A			
5040	504	1	105580302	TN1345	PACK,CIRCUIT FE CLEI=E5ICD01A FE CLEI=E5ICD02A CLEI = E5ICD03A			
5050	505	1	106502511	982TRC	CONNECTOR,ELECTRICAL ASSEMBLY 48 CONTACTS, SOCKET, FEMALE FE CLEI=E5PQ51VA CLEI = E5PQAY1A			19 23
5060	506	1	104172341	AKM3	PACK,CIRCUIT CLEI = DMCBAB0E			
5070	507	1	ED5D663-30,G3		ASSEMBLY, CABLE SUPPORT			

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

J5D003ED-2

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
5080	508	1	106901101	16E2	REGENERATOR,OPTICAL LINE			14 24
5090	509	1	106849029	16F2	REGENERATOR,OPTICAL LINE			14 24
5100	510	1	ED5D663-30,G2		ASSEMBLY, CABLE SUPPORT			
5110	511	1	847474954		KIT,DOOR SPACER			
5120	B1	1	104042106	158A	BLANK,APPARATUS POS 88			26
5130	B2	1	104042122	158C	BLANK,APPARATUS POS 16,20,74,78			27
5140	F1	1	847052024		KIT,FINAL ASSEMBLY			
5150	F2	1	847052016		KIT,FINAL ASSEMBLY			
5160	F3	1	847271061		KIT,FINAL ASSEMBLY			
5170	G1	1	847286721		KIT,MOUNTING			
5180	G2	1	847196748		KIT,MOUNTING UNIT GUIDE FOR 132 TYPE APP MTG			

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

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BT13

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
TRANSMISSION RATE
CONVERTER UNIT-2

DWG SIZE
C2

ISSUE
28

LUCENT TECHNOLOGIES INC J5D003ED-2

SHEET D4
OF 23

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TABLE D10
MODIFY TAG: TRCU2D3

TABLE D10 - CIRCUIT PACK ASSIGNMENT TABLE						
EQUIPMENT LOCATION (EQL)	CIRCUIT PACK LIST	ASSGN CODE	SEQ NUMBER	APPARATUS BLANK LIST	POS	NOTE
004-054	510	300				
004-073	510	300				
004-092	510	300				
004-111	510	300				
004-054	507	300				
004-073	507	300				
004-092	507	300				
004-111	507	300				
004-063	506	200	1			
004-082	506	200	3			
004-101	506	200	2			
004-120	506	200	4			
004-022	504	100				
004-030	504	100				
004-038	504	200	1	B2	16	
004-046	504	200	2	B2	20	
004-138	504	100				
004-146	504	100				
004-154	504	200	3	B2	74	
004-162	504	200	4	B2	78	
004-069	508	300				
004-088	508	300				
004-107	508	300				
004-126	508	300				
004-069	509	300				
004-088	509	300				
004-107	509	300				
004-126	509	300				
004-006	503	100				
004-014	503	100				
004-170	503	100				
004-178	503	100				
				B1	88	

TABLE D4
MODIFY TAG: TRCU2D3

TABLE D4 - FUNCTION ITEM/FUNCTIONAL OBJECT/ORDER CODE MAPPING			
FUNCTIONAL ITEM	NOTE	DESCRIPTION	ORDER CODE
CBLSP2	160	OPTIC CABLE SUPPORT 2	
CBLSP2		OPTIC CABLE SUPPORT 2	2 ED5D663-30, G2
CBLSP3	156	COAX CABLE SUPPORT 3	
CBLSP3		COAX CABLE SUPPORT 3	2 ED5D663-30, G3
CONNTR	154	982TR(C) OPTIC CONNECTOR	
CONNTR		982TR(C) OPTIC CONNECTOR	4 106502511
ELI	155	AKM3 ELECT TX PACK 100 MI	
ELI		AKM3 ELECT TX PACK 100 MI	2 104172341
NCTDS3	153	PACK CKT TN1345	
NCTDS3		PACK CKT TN1345	4 105580302
OLI5	157	16E2 OPTIC TX PACK 25.1 MI	
OLI5		16E2 OPTIC TX PACK 25.1 MI	2 106901101
OLI6	158	16F2 OPTIC TX PACK 37.8 MI	
OLI6		16F2 OPTIC TX PACK 37.8 MI	2 106849029
TRCU2_BAS	152	TRCU2 UNIT	
ASSHLF		TRCU2 UNIT SHELF ASSEMBLY	1 847455953 847052008 847455979
PWR494RA		494RA POWER SUPPLY	4 103803631

TABLE D5
MODIFY TAG: TRCU2D3

TABLE D5 - OBJECT/HARDWARE TYPE ATTRIBUTES/ORDER CODE MAPPING						
OBJECT:	INTERFACE CHARACTERISTICS	MINIMUM US GENERIC	MINIMUM INTL GENERIC	EXCHANGE TYPE	FEATURE/OPTION	COUNTRY CUSTOMER
OBJECT:ASSHLF		5E5 5E5 5E5				847455953 847052008 847455979
OBJECT:CBLSP2		5E5				ED5D663-30, G2
OBJECT:CBLSP3		5E5				ED5D663-30, G3
OBJECT:CONNTR		5E5				106502511
OBJECT:ELI		5E5				104172341
OBJECT:NCTDS3		5E5				105580302
OBJECT:OLI5		5E5				106901101
OBJECT:OLI6		5E5				106849029
OBJECT:PWR494RA		5E5				103803631

TABLE D6
TABLE D6 - NSI TYPE DESIGNATION LABEL

UNIT ATTRIBUTES		
COUNTRY	OTHER	REFERENCE CODE

TABLE D7
TABLE D7 - FRONT NS TYPE DESIGNATION LABEL

UNIT ATTRIBUTES				
EXCHANGE TYPE	COMMUNITY NUMBER	LINE GROUP NUMBER	REFERENCE TEMPLATE	SHELF #
			ED5D662-10,G18,G49	

TABLE D8

TABLE D8 - REAR NS TYPE DESIGNATION LABEL								
APPARATUS		UNIT ATTRIBUTES				MIN APPARATUS		REFERENCE TEMPLATE
CODE	H EQL	INTERFACE CHARACTERISTIC	MINIMUM RELEASE	EXCHANGE TYPE	FEATURE/OPTION	CODE	H EQL	
494RA	006		5E5			494RA	006	ED5D662-10, G19
494RA	014		5E5			494RA	014	
TN1345	022		5E5			TN1345	022	
TN1345	030		5E5			TN1345	030	
TN1345	038		5E5			TN1345	038	
TN1345	046		5E5			TN1345	046	
AKM3	063		5E5			AKM3	063	
AKM3	082		5E5			AKM3	082	
AKM3	101		5E5			AKM3	101	
AKM3	120		5E5			AKM3	120	
TN1345	138		5E5			TN1345	138	
TN1345	146		5E5			TN1345	146	
TN1345	154		5E5			TN1345	154	
TN1345	162		5E5			TN1345	162	
494RA	170		5E5			494RA	170	
494RA	178		5E5			494RA	178	
494RA	006		5E5			494RA	006	
494RA	014		5E5			494RA	014	
TN1345	022		5E5			TN1345	022	
TN1345	030		5E5			TN1345	030	
TN1345	038		5E5			TN1345	038	
TN1345	046		5E5			TN1345	046	
16E2	069		5E5			16E2	069	
16E2	088		5E5			16E2	088	
16E2	107		5E5			16E2	107	
16E2	126		5E5			16E2	126	
TN1345	138		5E5			TN1345	138	
TN1345	146		5E5			TN1345	146	
TN1345	154		5E5			TN1345	154	
TN1345	162		5E5			TN1345	162	
494RA	170		5E5			494RA	170	
494RA	178		5E5			494RA	178	
494RA	006		5E5			494RA	006	ED5D662-10, G44
494RA	014		5E5			494RA	014	
TN1345	022		5E5			TN1345	022	
TN1345	030		5E5			TN1345	030	
TN1345	038		5E5			TN1345	038	
TN1345	046		5E5			TN1345	046	
16F2	069		5E5			16F2	069	
16F2	088		5E5			16F2	088	
16F2	107		5E5			16F2	107	
16F2	126		5E5			16F2	126	
TN1345	138		5E5			TN1345	138	
TN1345	146		5E5			TN1345	146	
TN1345	154		5E5			TN1345	154	
TN1345	162		5E5			TN1345	162	
494RA	170		5E5			494RA	170	
494RA	178		5E5			494RA	178	
494RA	006		5E5			494RA	006	
494RA	014		5E5			494RA	014	
TN1345	022		5E5			TN1345	022	
TN1345	030		5E5			TN1345	030	
TN1345	038		5E5			TN1345	038	
TN1345	046		5E5			TN1345	046	
16E2	069		5E5			16E2	069	
16F2	088		5E5			16F2	088	
16E2	107		5E5			16E2	107	
16F2	126		5E5			16F2	126	
TN1345	138		5E5			TN1345	138	
TN1345	146		5E5			TN1345	146	
TN1345	154		5E5			TN1345	154	
TN1345	162		5E5			TN1345	162	
494RA	170		5E5			494RA	170	
494RA	178		5E5			494RA	178	
494RA	006		5E5			494RA	006	ED5D662-10, G46
494RA	014		5E5			494RA	014	
TN1345	022		5E5			TN1345	022	

*** CONTINUED ***

** CONTINUED **

TABLE D8

TABLE D8 - REAR NS TYPE DESIGNATION LABEL									
APPARATUS		UNIT ATTRIBUTES				MIN APPARATUS		REFERENCE TEMPLATE	
CODE	H EQL	INTERFACE CHARACTERISTIC	MINIMUM RELEASE	EXCHANGE TYPE	FEATURE/OPTION	CODE	H EQL		
TN1345	030		5E5			TN1345	030	ED5D662-10, G47	
TN1345	038		5E5			TN1345	038		
TN1345	046		5E5			TN1345	046		
16F2	069		5E5			16F2	069		
16E2	088		5E5			16E2	088		
16F2	107		5E5			16F2	107		
16E2	126		5E5			16E2	126		
TN1345	138		5E5			TN1345	138		
TN1345	146		5E5			TN1345	146		
TN1345	154		5E5			TN1345	154		
TN1345	162		5E5			TN1345	162		
494RA	170		5E5			494RA	170		
494RA	178		5E5			494RA	178		
494RA	006		5E5			494RA	006		ED5D662-10, G48
494RA	014		5E5			494RA	014		
TN1345	022		5E5			TN1345	022		
TN1345	030		5E5			TN1345	030		
TN1345	038		5E5			TN1345	038		
TN1345	046		5E5			TN1345	046		
AKM3	063		5E5			AKM3	063		
16F2	088		5E5			16F2	088		
AKM3	101		5E5			AKM3	101		
16E2	126		5E5			16E2	126		
TN1345	138		5E5			TN1345	138		
TN1345	146		5E5			TN1345	146		
TN1345	154		5E5			TN1345	154		
TN1345	162		5E5			TN1345	162		
494RA	170		5E5			494RA	170		
494RA	178		5E5			494RA	178		
494RA	006		5E5			494RA	006	ED5D662-10, G49	
494RA	014		5E5			494RA	014		
TN1345	022		5E5			TN1345	022		
TN1345	030		5E5			TN1345	030		
TN1345	038		5E5			TN1345	038		
TN1345	046		5E5			TN1345	046		
AKM3	063		5E5			AKM3	063		
16F2	088		5E5			16F2	088		
AKM3	101		5E5			AKM3	101		
16F2	126		5E5			16F2	126		
TN1345	138		5E5			TN1345	138		
TN1345	146		5E5			TN1345	146		
TN1345	154		5E5			TN1345	154		
TN1345	162		5E5			TN1345	162		
494RA	170		5E5			494RA	170		
494RA	178		5E5			494RA	178		
494RA	006		5E5			494RA	006		ED5D662-10, G50
494RA	014		5E5			494RA	014		
TN1345	022		5E5			TN1345	022		
TN1345	030		5E5			TN1345	030		
TN1345	038		5E5			TN1345	038		
TN1345	046		5E5			TN1345	046		
AKM3	063		5E5			AKM3	063		
AKM3	082		5E5			AKM3	082		
AKM3	101		5E5			AKM3	101		
AKM3	120		5E5			AKM3	120		
TN1345	138		5E5			TN1345	138		
TN1345	146		5E5			TN1345	146		
TN1345	154		5E5			TN1345	154		
TN1345	162		5E5			TN1345	162		
494RA	170		5E5			494RA	170		
494RA	178		5E5			494RA	178		
494RA	006		5E5			494RA	006	ED5D662-10, G51	
494RA	014		5E5			494RA	014		
TN1345	022		5E5			TN1345	022		
TN1345	030		5E5			TN1345	030		
TN1345	038		5E5			TN1345	038		
TN1345	046		5E5			TN1345	046		

*** CONTINUED ***

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BT13	
5ESS SWITCHING EQUIPMENT SPECIFICATION FOR TRANSMISSION RATE CONVERTER UNIT-2	
DWG SIZE C2	ISSUE 28
LUCENT TECHNOLOGIES INC	J5D003ED-2
SHEET D6 OF 23	

** CONTINUED **
TABLE D8

TABLE D8 - REAR NS TYPE DESIGNATION LABEL									
APPARATUS		UNIT ATTRIBUTES				MIN APPARATUS		REFERENCE	TEMPLATE
CODE	H EQL	INTERFACE CHARACTERISTIC	MINIMUM RELEASE	EXCHANGE TYPE	FEATURE/OPTION	CODE	H EQL		
16E2	069		5E5			16E2	069		
16E2	088		5E5			16E2	088		
16E2	107		5E5			16E2	107		
16E2	126		5E5			16E2	126		
TN1345	138		5E5			TN1345	138		
TN1345	146		5E5			TN1345	146		
TN1345	154		5E5			TN1345	154		
TN1345	162		5E5			TN1345	162		
494RA	170		5E5			494RA	170		
494RA	178		5E5			494RA	178		
494RA	006		5E5			494RA	006	ED5D662-10, G52	
494RA	014		5E5			494RA	014		
TN1345	022		5E5			TN1345	022		
TN1345	030		5E5			TN1345	030		
TN1345	038		5E5			TN1345	038		
TN1345	046		5E5			TN1345	046		
16F2	069		5E5			16F2	069		
16F2	088		5E5			16F2	088		
16F2	107		5E5			16F2	107		
16F2	126		5E5			16F2	126		
TN1345	138		5E5			TN1345	138		
TN1345	146		5E5			TN1345	146		
TN1345	154		5E5			TN1345	154		
TN1345	162		5E5			TN1345	162		
494RA	170		5E5			494RA	170		
494RA	178		5E5			494RA	178		
494RA	006		5E5			494RA	006	ED5D662-10, G53	
494RA	014		5E5			494RA	014		
TN1345	022		5E5			TN1345	022		
TN1345	030		5E5			TN1345	030		
TN1345	038		5E5			TN1345	038		
TN1345	046		5E5			TN1345	046		
16E2	069		5E5			16E2	069		
16F2	088		5E5			16F2	088		
16E2	107		5E5			16E2	107		
16F2	126		5E5			16F2	126		
TN1345	138		5E5			TN1345	138		
TN1345	146		5E5			TN1345	146		
TN1345	154		5E5			TN1345	154		
TN1345	162		5E5			TN1345	162		
494RA	170		5E5			494RA	170		
494RA	178		5E5			494RA	178		
494RA	006		5E5			494RA	006	ED5D662-10, G54	
494RA	014		5E5			494RA	014		
TN1345	022		5E5			TN1345	022		
TN1345	030		5E5			TN1345	030		
TN1345	038		5E5			TN1345	038		
TN1345	046		5E5			TN1345	046		
16F2	069		5E5			16F2	069		
16E2	088		5E5			16E2	088		
16F2	107		5E5			16F2	107		
16E2	126		5E5			16E2	126		
TN1345	138		5E5			TN1345	138		
TN1345	146		5E5			TN1345	146		
TN1345	154		5E5			TN1345	154		
TN1345	162		5E5			TN1345	162		
494RA	170		5E5			494RA	170		
494RA	178		5E5			494RA	178		
494RA	006		5E5			494RA	006	ED5D662-10, G55	
494RA	014		5E5			494RA	014		
TN1345	022		5E5			TN1345	022		
TN1345	030		5E5			TN1345	030		
TN1345	038		5E5			TN1345	038		
TN1345	046		5E5			TN1345	046		
AKM3	063		5E5			AKM3	063		
16E2	088		5E5			16E2	088		
AKM3	101		5E5			AKM3	101		

*** CONTINUED ***

** CONTINUED **
TABLE D8

TABLE D8 - REAR NS TYPE DESIGNATION LABEL									
APPARATUS		UNIT ATTRIBUTES				MIN APPARATUS		REFERENCE	TEMPLATE
CODE	H EQL	INTERFACE CHARACTERISTIC	MINIMUM RELEASE	EXCHANGE TYPE	FEATURE/OPTION	CODE	H EQL		
16E2	126		5E5			16E2	126		
TN1345	138		5E5			TN1345	138		
TN1345	146		5E5			TN1345	146		
TN1345	154		5E5			TN1345	154		
TN1345	162		5E5			TN1345	162		
494RA	170		5E5			494RA	170		
494RA	178		5E5			494RA	178		
494RA	006		5E5			494RA	006	ED5D662-10, G56	
494RA	014		5E5			494RA	014		
TN1345	022		5E5			TN1345	022		
TN1345	030		5E5			TN1345	030		
TN1345	038		5E5			TN1345	038		
TN1345	046		5E5			TN1345	046		
AKM3	063		5E5			AKM3	063		
16F2	088		5E5			16F2	088		
AKM3	101		5E5			AKM3	101		
16F2	126		5E5			16F2	126		
TN1345	138		5E5			TN1345	138		
TN1345	146		5E5			TN1345	146		
TN1345	154		5E5			TN1345	154		
TN1345	162		5E5			TN1345	162		
494RA	170		5E5			494RA	170		
494RA	178		5E5			494RA	178		

TABLE JJ

TABLE JJ STOCKLIST ORDERING COMCODES TO INDIVIDUAL/SINGULAR COMCODES CROSS REFERENCE		
STOCKLIST ORDERING COMCODE	INDIVIDUAL/SINGULAR COMCODE	COMMENTS
103561908	105006563	
103561890	105006555	
\$406708545	406747527	WP91768,L107 2 AMP - FAST ACTING FUSE\$
406693887	406747543	WP91768,L110 5 AMP - FAST ACTING FUSE

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BT13

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
TRANSMISSION RATE
CONVERTER UNIT-2

DWG SIZE C2 ISSUE 28

J5D003ED-2

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