

ENGINEERING NOTES

***** CONTINUED *****

INTRA CABINET FIBER OPTIC CABLING REFERENCE DRAWING ED5D872-10.
 ORDERING DRAWING FOR FUSING, POWER & ALARMS FOR INTRA MODULE 6' CABINETS REFERENCE DRAWING ED5D693-10.
 MANUFACTURING DRAWING FOR POWER CABLE ASSEMBLIES REFERENCE CABLE DRAWING ED5D693-15, SHOP ASSIST DRAWING RLED5D693-15.
 LTP CABINET POWER CABLE DRAWING REFERENCE TCJ5D003F-2.
 SMC CABINET POWER CABLE DRAWING REFERENCE TCJ5D003L-1.
 MISCELLANEOUS CABINET POWER CABLE DRAWING REFERENCE ED5D505-10.
 ORDERING DOCUMENT FOR TRCU3/DDM2000 TIMING REFERENCE CABLES & MISCELLANEOUS CABLES REFERENCE DRAWING ED5D518-11.
 FOR ADDITIONAL INFORMATION ON DDM2000/TRCU3 REFERENCE "DDM2000 MULTIPLEXER APPLICATION, PLANNING, AND ORDERING GUIDE (363-206-200)".
 FOR MORE INFORMATION USING AND EQUIPPING DDM2000/TRCU3 REFERENCE "DDM2000 USERS MANUAL (363-206-285)".
 500. THIS LIST OR GROUP MAY BE SPECIFIED AS A MAIN OR SUPPLEMENTAL ITEM.

ENGINEERING NOTES

***** CONTINUED *****

ON THE DESIGNATION STRIP LABELS.

69. LIGHTWAVE REGENERATOR CIRCUIT PACKS 22G3-U (LIST 7) AND 24G-U (LIST 8) ARE TO BE LOCATED IN PAIRS ONLY IN EQL'S 27 AND 35.

70. BNP1 CIRCUIT PACKS (LIST 9) FOR OPTICALLY REMOTED MODULES (ORM) AND BNP2 CIRCUIT PACKS (LIST 10) FOR EXTENDED SWITCHING MODULES (EXM) ARE TO BE LOCATED IN GROUPS OF FOUR IN EQL'S 43,51,59,67,75,83. INTERMIXING OF BNP1'S AND BNP2'S IN ONE TRCU3 UNIT IS PROHIBITED.

71. MIXING OF MULTIPLE SM'S ON ONE TRCU3 UNIT IS PROHIBITED.

72. UNIT LABEL FILM IS PROVIDED ONLY WHEN UNITS ARE ORDERED EQUIPPED WITH A FINAL ASSEMBLY KIT. LABEL FILM IS NOT SHIPPED WITH LOOSE ORDERED FINAL ASSEMBLY KITS.

73. THE JOB ENGINEERED ORM NUMBER MUST BE PROVIDED FOR THE HOST TRCU3.

74. TRCU3 MOUNTING BRACKETS (847973617) & MOUNTING GUIDES (847973625) FOR MOUNTING A TRCU3 IN A 5ESS CABINET ARE ALWAYS INCLUDED WITH EVERY TRCU3 ASSEMBLY SHELF (601881907) FROM MERRIMACK VALLEY WORKS (MV). SPARE OR REPLACEMENT BRACKETS, GUIDES & SCREWS CAN BE ORDERED DIRECTLY FROM MV. THE UNIT MOUNTING BRACKETS COME ASSEMBLED ON EVERY TRCU3.
 THE CABINET/UNIT GUIDES & SCREWS ARE SHIPPED LOOSE WITH EVERY TRCU3. EIGHT METRIC SCREWS (901274498) ARE INCLUDED FOR MOUNTING THE GUIDES IN A GLOBAL CABINET II. EIGHT ENGLISH SCREWS (901254490) ARE INCLUDED FOR MOUNTING THE GUIDES IN A GLOBAL CABINET I.

75. IT IS RECOMMENDED THAT A SUPPLY OF SPARE FUSES BE PROVIDED AT TRCU3 LOCATIONS.
 THE TRCU3 USERS PANEL IS LOCATED AT THE FRONT RIGHT SIDE OF THE UNIT AND IS EQUIPPED WITH TWO 5 AMP FUSES. THE USERS PANEL REQUIRES A DIFFERENT TYPE OF FUSE THAN WHAT IS USED IN THE MODULAR FUSE FILTER UNIT. SPARE AND REPLACEMENT FUSES FOR THE USERS PANEL CAN BE ORDERED FROM LUCENT USING COMCODE 405697442 OR THROUGH LITTLEFUSE, INC., PART # 334005.

76. EACH TRCU3 MUST BE LOADED WITH PROVISIONING SOFTWARE PACKAGE. IT IS REQUIRED THAT A SOFTWARE PACKAGE BE ORDERED FOR EACH TRCU3 PER DRAWING ED8C724-42:
 INITIAL APPLICATION - CC# 108988213 (ED8C72442,G3 M6R,P6R).
 SPARE SFW - CC# 108988239 (ED8C72442,G3 M6A).
 CN APPLICATION - CC# 108988221 (ED8C72442,G3 M6T), CCN# N01094MV. CUSTOMERS REQUIRING TRCU3 SOFTWARE UPGRADE CONTACT GLOBAL CHANGE NOTICE ENGINEERING (GCNE) AT (636) 891-2705.
 THIS SOFTWARE IS NOT PART OF THE 5ESS SOFTWARE LOAD AND MUST BE ORDERED OUT SEPARATELY. THE SOFTWARE PACKAGE IS SOURCED FROM MERRIMACK VALLEY (MV), NORTH ANDOVER MA. ADDITIONAL REFERENCE - THE ADDENDUM TO THE "DDM-2000 OC-3 MULTIPLEXER APPLICATIONS, PLANNING AND ORDERING GUIDE" (APOG DOCUMENT NUMBER 363-206-285) AND IS ORDERABLE FROM CUSTOMER INFORMATION CENTER (CIC) AT (888-582-3688).

77. TRCU3'S ARE EQUIPPED IN A 5ESS ISOLATED SINGLE POINT GROUND PLANE AND SHOULD NOT HAVE DIRECT CONNECTIONS TO BUILDING'S INTEGRATED GROUNDING SYSTEM EXCEPT AT A SINGLE POINT LOCATION OR GROUND WINDOW.
 AS AN OPTIONAL FEATURE, TRCU3'S CAN PROVIDE A CABLE INTERFACE TO A TRANSMISSION OPERATING SYSTEM (OS) FOR REPORTING ALARM MAINTENANCE INFORMATION TO AN OS. A TRANSMISSION OS IS LOCATED OUTSIDE THE 5ESS SINGLE POINT GROUND WINDOW. ED5D518-11, G34 PROVIDES A SPECIAL CABLE ASSEMBLY WITH THE NECESSARY GROUND ISOLATION BETWEEN THE TRCU3 AND A TRANSMISSION OS. THE GROUND ISOLATION IS REQUIRED SINCE THE TRANSMISSION OS IS LOCATED OUTSIDE THE 5ESS SINGLE POINT GROUND WINDOW. THE CABLE TERMINATES TO CONNECTOR J45 ON THE TRCU3 BACKPLANE AND THEN DIRECTLY TO THE TRANSMISSION OS. IN SOME INSTANCES A CONNECTOR GENDER ADAPTER MAY BE NEEDED AT THE OS END. THE CABLE CAN BE ORDERED OUT UP TO LENGTHS TO 1000 FEET AND IS JOB ENGINEERED (X-DIMENSIONED). THE VENDOR IS APPLIED INNOVATIONS, VENDORS PART# CAB496, CC# 408446128. ORDER FROM CABLE DRAWING ED5D518-11, G34.

78. UP TO FOUR TRCU3'S OPERATING AS OC12'S CAN BE MULTED TOGETHER VIA FIBER BETWEEN THE 24G-TYPE (OC12) CIRCUIT PACKS. REFERENCE NOTE 307, MULT FIGURE IN THE TRCU3 SD5D555-01 DRAWING. OPTICAL ATTENUATORS ARE ALSO REQUIRED PER ENGINEERING NOTE 64.

499. CABINET INTERCONNECT FIBER OPTIC CABLING REFERENCE DRAWINGS ED5D518-10, ED5D518-11 & ED5D518-30.
 ----- CONTINUED TO THE LEFT -----

ENGINEERING NOTES

***** CONTINUED *****

HOST OFFICE AND (48) BNP2 CIRCUIT PACKS AT THE REMOTE OFFICE.
 BNP1(2) CIRCUIT PACKS SHOULD ALWAYS BE GROWN FROM LEFT TO RIGHT WITHIN THE TRCU3. THE FOLLOWING IS TYPICAL TRCU3 GROWTH WITH BNP2 CIRCUIT PACKS FOR AN EXM2000.

	TRCU3 UNIT #	BNP2 EQUIPAGE HEQLS
1ST DUPLEX NCT2 LINK	1ST TRCU3	43, 51, 59, 67
2ND DUPLEX NCT2 LINK	2ND TRCU3	43, 51, 59, 67
3RD DUPLEX NCT2 LINK	1ST TRCU3 2ND TRCU3	75, 83 75, 83
4TH DUPLEX NCT2 LINK	3RD TRCU3	43, 51, 59, 67
5TH DUPLEX NCT2 LINK	4TH TRCU3	43, 51, 59, 67
6TH DUPLEX NCT2 LINK	3RD TRCU3 4TH TRCU3	75, 83 75, 83
7TH DUPLEX NCT2 LINK	5TH TRCU3	43, 51, 59, 67
8TH DUPLEX NCT2 LINK	6TH TRCU3	43, 51, 59, 67
9TH DUPLEX NCT2 LINK	5TH TRCU3 6TH TRCU3	75, 83 75, 83
10TH DUPLEX NCT2 LINK	7TH TRCU3	43, 51, 59, 67
11TH DUPLEX NCT2 LINK	8TH TRCU3	43, 51, 59, 67
12TH DUPLEX NCT2 LINK	7TH TRCU3 8TH TRCU3	75, 83 75, 83

64. OPTICAL ATTENUATORS (ST BUILDOUTS) ARE REQUIRED WITH OC12 24G-TYPE OPTICAL CIRCUIT PACKS. THE OPTICAL LOOP LENGTH SHOULD BE MEASURED WITH AN OPTICAL POWER METER TO DETERMINE THE CORRECT OPTICAL ATTENUATORS (ST BUILDOUTS) NEEDED. THE OPTICAL CONNECTORS ON THE 24G-TYPE CIRCUIT PACK ARE EQUIPPED AT THE FACTORY WITH REMOVABLE ZERO DB OPTICAL ATTENUATORS (ST BUILDOUTS). ALSO ZERO, 5, 10, AND 15 DB BUILDOUTS ARE AVAILABLE FOR THESE ST CONNECTOR TYPE. ORDERING INFORMATION FOR ATTENUATORS IS AVAILABLE WITHIN THIS DRAWING AND THE "DDM2000 MULTIPLEXER APPLICATION, PLANNING, AND ORDERING GUIDE (363-206-200)".
 ATTENUATED BUILDOUTS ARE TO BE INSTALLED AS FOLLOWS:
 WITH SINGLE MODE FIBER AT "OUT" LABELED BLOCK ON FACEPLATE.
 FOR MORE INFORMATION IN DETERMINING AND EQUIPPING ST OPTICAL ATTENUATORS REFERENCE "DDM2000 USERS MANUAL (363-206-285), SECTION DPL514, PERFORM OPTICAL FIBER CONNECTION & VERIFICATION OF OPTICAL FACILITY".

65. REPLACEMENT APPARATUS BLANKS MAY BE ORDERED BY COMCODE. REFER TO THE "TABLE OF APPARATUS BLANKS" IN THE MANUFACTURING NOTES FOR THE CORRECT ORDERING CODE.

66. LOOSE DESIGNATION LABELS CAN BE ORDERED THROUGH THE CONTROLLING ED DRAWING ONLY. REFERENCE TABLE A, TABLE D9 AND MANUFACTURE NOTES IN THE J-DRAWINGS TO DETERMINE APPROPRIATE ED GROUPS.
 FUSE LABELS ARE PROVIDED IN FINAL ASSEMBLY KIT DRAWING 848017794.

67. ON ALL ORDERS, A HORIZONTAL EQL MUST BE SPECIFIED FOR EACH J LIST WHICH PROVIDES A CIRCUIT PACK EQUIPPED IN A MULTI-PURPOSE CIRCUIT PACK POSITION AND FOR ASSOCIATED D() LABEL LISTS.

68. VERTICAL EQL AND UNIT NUMBER MUST BE SPECIFIED WHEN ORDERING NON-X OR CABINET MOUNTED UNITS. THIS INFORMATION IS INCLUDED
 ----- CONTINUED TO THE LEFT -----

COPYRIGHT © 2001 LUCENT TECHNOLOGIES
 ALL RIGHTS RESERVED

5ESS SWITCHING EQUIPMENT
 SPECIFICATIONS FOR
 TRANSMISSION RATE CONVERTER UNIT
 MODEL 3 (TRCU3)

DWG SIZE C2
 ISSUE 5

LUCENT TECHNOLOGIES INC J5D003EF-1

SHEET A2 OF 5

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	
TRCU3 SHELF ASSEMBLY REQUIRED FOR HOST APPLICATION.	54 66 67 68 69 72 73 76		1						SD5D555-01			
TRCU3 SHELF ASSEMBLY REQUIRED FOR REMOTE APPLICATION.	54 66 67 68 69 72		2						SD5D555-01			
SYNCHRONOUS TIMING GENERATOR CIRCUIT PACK (BBF2B). TWO LIST 3'S ALWAYS REQUIRED IN ADDITION TO LIST 1 OR LIST 2. DA EFF:01/30/01 FE:J5D003EF-1,3A	53 500	DA	3						SD5D555-01	2		
SYNCHRONOUS TIMING GENERATOR CIRCUIT PACK (BBF2C). TWO LIST 3A'S ALWAYS REQUIRED IN ADDITION TO LIST 1 OR LIST 2. REPL:J5D003EF-1,L3	53 500		3A						SD5D555-01	2		
SYSTEM CONTROLLER (BBG8B) CIRCUIT PACK. ONE LIST 4 ALWAYS REQUIRED IN ADDITION TO LIST 1 OR LIST 2.	53 500		4						SD5D555-01	2		
OVERHEAD CONTROLLER (BBG9) CIRCUIT PACK. ONE LIST 5 ALWAYS REQUIRED IN ADDITION TO LIST 1 OR LIST 2.	53 500		5						SD5D555-01	2		
2601A FUSE/ALARM MODULE, ONLY REQUIRED FOR REPLACEMENT PURPOSES OR SPARE(S). TRCU3 SHELF ASSEMBLY (LIST 1 OR 2) COMES EQUIPPED WITH A QTY OF (2) 2601A'S.	53		6							2		
22G3-U OPTICAL LINE INTERFACE UNIT (OLIU) CIRCUIT PACK REQUIRED FOR OC-3, 155MB/SEC (0-30.6 MILES) OPTICAL TRANSMISSION APPLICATION. TWO LIST 7'S REQUIRED IN ADDITION TO LIST 1 OR LIST 2 FOR HOST AND REMOTE APPLICATIONS.	53 55 67 69 500		7						SD5D555-01	3	Z	
24G-U OPTICAL LINE INTERFACE UNIT (OLIU) CIRCUIT PACK REQUIRED FOR OC-12, 622 MB/SEC (0-30.6 MILES) OPTICAL TRANSMISSION APPLICATION. TWO LIST 8'S REQUIRED IN ADDITION TO LIST 1 OR LIST 2 FOR HOST AND REMOTE APPLICATIONS.	53 55 64 67 69 78 500		8						SD5D555-01	4	Y	
BNP1 CIRCUIT PACK (32.768 MHZ) REQUIRED FOR CLASSIC ORM APPLICATIONS PROVIDING ONE COMPLETE DUPLEXED NCT LINK. FOUR LIST 9'S REQUIRED IN ADDITION TO LIST 1 OR LIST 2 FOR HOST AND REMOTE APPLICATIONS.	53 55 62 67 70 500		9						SD5D555-01	5	X	
BNP2 CIRCUIT PACK (65.536 MHZ) REQUIRED FOR EXM2000 APPLICATION PROVIDING ONE COMPLETE DUPLEXED NCT2 LINK. FOUR LIST 10'S REQUIRED IN ADDITION TO LIST 1 OR LIST 2 FOR HOST AND REMOTE APPLICATIONS.	53 55 63 67 70 500		10						SD5D555-01	6	W	
0 DB BUILDOUT ATTENUATOR (ST-TYPE), ONLY REQUIRED FOR REPLACEMENT PURPOSES OR SPARE(S). THE 24G-U OLIU CIRCUIT PACK (LIST 8) COMES EQUIPPED WITH THE 0 DB ATTENUATOR.	64 500		11									

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	
5 DB BUILDOUT ATTENUATOR (ST-TYPE), REQUIRED IN ADDITION TO LIST 8 (24G-U) WHEN 5 DB LOSS IS REQUIRED.	64 500		12									
10 DB BUILDOUT ATTENUATOR (ST-TYPE), REQUIRED IN ADDITION TO LIST 8 (24G-U) WHEN 10 DB LOSS IS REQUIRED.	64 500		13									
15 DB BUILDOUT ATTENUATOR (ST-TYPE), REQUIRED IN ADDITION TO LIST 8 (24G-U) WHEN 15 DB LOSS IS REQUIRED.	64 500		14									
FINAL ASSEMBLY KIT. ONE LIST F1 REQUIRED IN ADDITION TO LIST 1 OR LIST 2.	72 74 500		F1									
APPARATUS BLANK KIT. ONE LIST F2 REQUIRED IN ADDITION TO LIST 1 OR LIST 2.	65		F2									
OC-12 INTERCONNECT JUMPER RIBBON CABLE REQUIRED WITH 24G TYPE OLIU CIRCUIT PACK PAIR. ONE LIST K1 ALWAYS REQUIRED IN ADDITION TO LIST 8.	500		K1									
END OF TABLE-A												

COPYRIGHT © 2001 LUCENT TECHNOLOGIES
ALL RIGHTS RESERVED

5ESS SWITCHING EQUIPMENT
SPECIFICATIONS FOR
TRANSMISSION RATE CONVERTER UNIT
MODEL 3 (TRCU3)

DWG SIZE C2 ISSUE 5

J5D003EF-1

LUCENT TECHNOLOGIES INC J5D003EF-1

SHEET A3 OF 5

PRINTED IN U.S.A.

S
H
O
P

MANUFACTURING NOTES

***** CONTINUED *****

MULTIPLEXER (DDM2000). THE 2601A, BNP1 AND BNP2 CIRCUIT PACKS ARE 5ESS DESIGNS USED IN THE DDM2000 AS A 5ESS TRCU3 AND ARE MANUFACTURED AT THE MERRIMACK VALLEY WORKS. ALL OF THE OTHER CIRCUIT PACKS INCLUDING THE BACKPLANE USED IN THE TRCU3 ARE DDM2000 DESIGNS AND ARE CONTROLLED AND MANUFACTURED BY THE MERRIMACK VALLEY WORKS.

TRCU3 IS A 5ESS APPLICATION AND ORDERS SHOULD BE PLACED ON THE OKLAHOMA CITY WORKS FACTORY WHERE THE TRCU3 WILL BE CONFIGURED.

X X 14. MOUNTING BRACKETS (847973617) & MOUNTING GUIDES (847973625) FOR MOUNTING A TRCU3 IN A 5ESS CABINET ARE ALWAYS INCLUDED WITH EVERY TRCU3 ASSEMBLY SHELF (601881907) FROM MERRIMACK VALLEY WORKS (MV). SPARE OR REPLACEMENT BRACKETS, GUIDES & SCREWS CAN BE ORDERED DIRECTLY FROM MV. THE UNIT MOUNTING BRACKETS COME ASSEMBLED ON EVERY TRCU3.

THE CABINET/UNIT GUIDES & SCREWS ARE SHIPPED LOOSE WITH EVERY TRCU3. EIGHT METRIC SCREWS (901274498) ARE INCLUDED FOR MOUNTING THE GUIDES IN A GLOBAL CABINET I. EIGHT ENGLISH SCREWS (901254490) ARE INCLUDED FOR MOUNTING THE GUIDES IN A GLOBAL CABINET I.

S
H
O
P

MANUFACTURING NOTES

1. X PARTS REQUIRED FOR INSTALLATION.

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

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

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

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

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

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

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

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

"S" PARTS NOT ASSEMBLED, SHIPPED SEPARATELY.

A/R AS REQUIRED.

"B" PARTIAL ASSEMBLIES ON OTHER DRAWINGS WITH STOCKLISTS.

X X 2. APPARATUS BLANK TABLE

POSITION NUMBER	APPARATUS BLANK TYPE	COMCODE NUMBER
9	177B	106634975
10	177B	106634975

3. RESERVED

X X 4. IN ADDITION TO LIST 8, OC-12 INTERCONNECT JUMPER RIBBON CABLE IS REQUIRED WITH A 24G-U CIRCUIT PACK PAIR. THIS RIBBON CABLE IS INSTALLED AT THE FRONT OF THE TRCU3 SHELF CONNECTING THE TWO 24G-U CIRCUIT PACKS AT EQL'S 27 & 35.

X X 5. BASIC FRONT AND REAR LABEL INFORMATION THAT IS REQUIRED FOR A TRCU3 EQUIPPED IN A HOST OFFICE.

X X 6. BASIC FRONT AND REAR LABEL INFORMATION THAT IS REQUIRED FOR A TRCU3 EQUIPPED IN A REMOTE OFFICE.

X X 7. WHEN LIST 3() LABEL INFORMATION IS PROVIDED, HEQL 018 SHALL BE STAMPED WITH ED5D841-11 GROUP 4 INFORMATION.

X X 8. WHEN LIST 5 (BBG9) LABEL INFORMATION IS PROVIDED, HEQL 163 SHALL BE STAMPED WITH ED5D841-11 GROUP 6 INFORMATION.

X X 9. WHEN LIST 4 (BBG8B) LABEL INFORMATION IS PROVIDED, HEQL 169 SHALL BE STAMPED WITH ED5D841-11 GROUP 5 INFORMATION.

X X 10. HORIZONTAL EQL'S 027 AND 035 ARE MULTI-PURPOSE SLOTS WHICH MUST BOTH BE STAMPED WITH ED5D841-11 GROUP 7 INFORMATION WHEN THE FIRST LIST 7 IS ORDERED OR THEY MUST BOTH BE STAMPED WITH ED5D841-11 GROUP 8 INFORMATION WHEN THE FIRST LIST 8 IS ORDERED.

X X 11. HORIZONTAL EQLS 043, 051, 059, 67, 75 AND 083 ARE MULTIPLE PURPOSE POSITIONS THAT CAN BE LABELED PER ED5D841-11 GROUP 9 OR GROUP 10. MULTIPLE PURPOSE POSITIONS ARE ONLY LABELED WHEN THE EQUIPMENT ORDER SPECIFIES THAT A CIRCUIT PACK IS TO BE INSTALLED AT THAT LOCATION.

X X 12. WHEN DESIGNATION STRIP LABELS ARE PROVIDED ON FRAME MOUNTED OR LOOSE UNITS, THE LABEL INFORMATION ON THESE GROUPS SHOULD ALWAYS BE STAMPED.

13. THE TRCU3 DESIGN IS A MODIFIED VERSION OF THE DIGITAL DATA
----- CONTINUED TO THE LEFT -----

COPYRIGHT © 2001 LUCENT TECHNOLOGIES
ALL RIGHTS RESERVED

5ESS SWITCHING EQUIPMENT
SPECIFICATIONS FOR
TRANSMISSION RATE CONVERTER UNIT
MODEL 3 (TRCU3)

DWG SIZE C2 ISSUE 5

LUCENT TECHNOLOGIES INC J5D003EF-1

SHEET D1 OF 5

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
1000	1,2	1	601881907	ED8C795-30	EQUIPMENT,PANEL 14			13	
1010	3	1	106995046	BBF2B	PACK,CIRCUIT CLEI = SNPQA16A EQL 18				
1011	3A	1	108230731	BBF2C	PACK,CIRCUIT CLEI = SNPQB4XA EQL 18				
1020	4	1	107830549	BBG8B	PACK,CIRCUIT CLEI = SNC5U79D EQL 169				
1030	5	1	106008121	BBG9	PACK,CIRCUIT CLEI = SNC11VL EQL 163				
1040	6	1	108095902	2601A	MODULE, CIRCUIT TRCU3/ TRANSMISSION RATE CONVERTER UNIT MODEL 3 CLEI = E5PQAV6A EQL 02-118, 02-152 FUSE/ALARM MODULE MOUNTS ON UNIT REAR			5	
1050	7	1	108057944	22G3-U	REGENERATOR,LIGHTWAVE CLEI = SNRXDZ0A EQL 27, 35				
1060	8	1	107735086	24G-U	REGENERATOR,LIGHTWAVE CLEI = SNRXDWOA EQL 27, 35			4	
1070	9	1	107968851	BNP1	PACK,CIRCUIT NCT/ NETWORK CONTROL & TIMING (32.768MHZ VERSION) CLEI = E5PQAVSA EQL 43, 51, 59, 67, 75, 83				
1080	10	1	107968877	BNP2	PACK,CIRCUIT NCT2/ NETWORK CONTROL & TIMING 2 (65.536MHZ VERSION) CLEI = E5PQAVVA EQL 43, 51, 59, 67, 75, 83				
1090	11	1	106795354	A-3070	BUILD-OUT,LIGHTGUIDE SINGLE MODE 0 DB				
1100	12	1	107406183	A-3070B1	BUILD-OUT,LIGHTGUIDE "ST" 5 DB				
1110	13	1	107406191	A-3070D1	BUILD-OUT,LIGHTGUIDE "ST" 10 DB				
1120	14	1	107406209	A-3070F1	BUILD-OUT,LIGHTGUIDE "ST" 15 DB				
1130	F1	1	848017794		KIT,UNIT ASSEMBLY FINAL ASSEMBLY				
1135	F2	1	848060927	TRCU3	KIT,APPARATUS BLANK			2	
1150	K1	1	847721271		CABLE ASSEMBLY,JUMPER EQL 27 & 35			4	
***** END OF STOCKLIST *****									

D9

TRCU3 DESIGNATION LABEL INFORMATION			
LIST	ASSOCIATED D LIST	ED GROUP FOR LABEL	NOTE
1		ED5D841-11, G11 ED5D841-11, G3	5
2		ED5D841-11, G12 ED5D841-11, G3	6
3		ED5D841-11, G4	7, 12
3A		ED5D841-11, G4	7, 12
4		ED5D841-11, G5	9, 12
5		ED5D841-11, G6	8, 12
7		ED5D841-11, G7	10
8		ED5D841-11, G8	10
9		ED5D841-11, G9	11
10		ED5D841-11, G10	11

COPYRIGHT © 2001 LUCENT TECHNOLOGIES ALL RIGHTS RESERVED	
5ESS SWITCHING EQUIPMENT SPECIFICATIONS FOR TRANSMISSION RATE CONVERTER UNIT MODEL 3 (TRCU3)	
DWG SIZE C2	ISSUE 5
LUCENT TECHNOLOGIES INC	J5D003EF-1
SHEET D2 OF 5	