

ENGINEERING NOTES

***** CONTINUED *****

COMBINATION OF M41(R),M42(R),M43(R),M44(R),M45(R), OR ALL M46(R). M21(S) OR M22(S) OR M23(S) MAY BE EQUIPPED WITH NONE OR ANY COMBINATION OF M41(S),M42(S),M43(S),M44(S),M45(S), OR ALL M46(S). UPDATES APPLY TO EXISTING CONFIGURATIONS. M24(R) OR M25(R) OR M26(R) MAY BE EQUIPPED WITH NONE OR ANY COMBINATION OF M47(R),M48(R),M49(R),M50(R),M51(R), OR ALL M52(R). M24(S) OR M25(S) OR M26(S) MAY BE EQUIPPED WITH NONE OR ANY COMBINATION OF M47(S),M48(S),M49(S),M50(S),M51(S), OR ALL M52(S). UPDATES APPLY TO EXISTING CONFIGURATIONS. LIST M53(), LIST 1 AND LIST M54(), LIST 1 REQUIRED WITH LIST M20(). M21() OR M22() OR M23() MAY BE EQUIPPED WITH LOCAL CALL PRICING OPTION M31() OR M32() OR M33(). M24() OR M25() OR M26() MAY BE EQUIPPED WITH LOCAL CALL PRICING OPTION M38() OR M39() OR M40().

M20 ASMDR RATE TABLE DATABASE TAPE CONFIGURATIONS MATRIX FOR DATABASE OPTIONS M21-M26 USING OPTIONS M27-M52

NOTES	M21(R)(S)	M22(R)(S)	M23(R)(S)	M24(R)(S)	M25(R)(S)	M26(R)(S)
OVERSEAS /CARIB	M27	M27	M27	M34	M34	M34
MEXICO	M28	M28	M28	M35	M35	M35
AT&T WATS	M29	M29	M29	M36	M36	M36
ALL	M30	M30	M30	M37	M37	M37
LCP MESS	M31	M31	M31	M38	M38	M38
OR						
LCP MEAS	M32	M32	M32	M39	M39	M39
OR						
LCP PLAT	M33	M33	M33	M40	M40	M40
MCI	M41	M41	M41	M47	M47	M47
US SPR	M42	M42	M42	M48	M48	M48
ITT	M43	M43	M43	M49	M49	M49
ALLNET	M44	M44	M44	M50	M50	M50
WEST U	M45	M45	M45	M51	M51	M51
ALL	M46	M46	M46	M52	M52	M52
MEDIA	M53	M53	M53	M53	M53	M53
SUB/PEE	M54	M54	M54	M54	M54	M54

- 58. SMSI M17() IS INCLUDED IN CMSS M15().
- 59. CANDELA MESSAGE PRINTER SERVICE (CMPS) M(14), CMSS M(15) MUST BE ORDERED TO HAVE (CMPS).
- 60. ADVANCED COMMUNICATIONS PACKAGE VERSION 4 3B2 600
 - 2. ESTABLISH THE FOLLOWING FEATURE ORDERING INFORMATION: ACP VERSION 4 3B2 600 BASED SOFTWARE IS ONLY COMPATIBLE WITH THE 5E4(2) GENERIC. THE FOLLOWING FEATURES ARE ORDERABLE FOR 3B2 600 VERSION 4 ACP SOFTWARE.
 - TDS/ACA M9() TRAFFIC DATA SYSTEM
 - ASMDR M10() ADVANCED STATION MESSAGE DETAIL REPORTING
 - FMS M11() FACILITIES MANAGEMENT SYSTEM
 - SMP M12() SYSTEM MANAGEMENT PACKAGE
 - 5BASE4A M13() BASE PACKAGE FOR 5E4(2) 3B2 600 BASED ACP
 - CMPS M(14) CANDELA MESSAGE PRINTER SERVICE
 - CMSS M15() CUSTOMER MESSAGE SERVICE SYSTEM
 - EDS M16() ELECTRONIC DIRECTORY SERVICE
 - SMSI M17() SIMPLIFIED MESSAGE SERVICE INTERFACE
 - RTDT M20() RATE TABLE DATABASE TAPE
 - REQUIRED FOR ASMDR M10().
 - 5E4(2) FEATURE REQUIREMENTS:
 - 5BASE4A - BRCS IV ETS AND BRCS IV AP
 - TDS - BRCS IV AND BRCS IV AP
 - ASMDR - BRCS IV ETS AND BRCS IV AP
 - FMS - BRCS IV ETS AND BRCS IV AP

----- CONTINUED ON NEXT SHEET -----

ENGINEERING NOTES

- 51. FOR ORDERING PURPOSES, M LISTS M9() ETC. MUST ALWAYS BE ACCOMPANIED BY AN APPLICATION CODE LETTER R,S,T OF X WHICH INDICATES:
 - R - INITIAL OFFICES
 - S - RETROFIT
 - T - DUPLICATES, SPARES OR REPLACEMENTS
 - X - SOFTWARE PRIOR TO THE AVAILABILITY OF STANDARD SOFTWARE.
- 52. THE DATA ORDERED IN ALL THE FOLLOWING LISTS SHALL HAVE ALL THE INFORMATION CREATED PER THE FOLLOWING MAGNETIC TAPE INPUTS. LIST MA() - STREAMER CARTRIDGE TAPE TP-5D028A-01 FURNISHED BY NW APEC TO NETWORK SOFTWARE CENTER SOFTWARE PRODUCTION (NWQ) 5D028A-01 = 3E COMPUTER IDENTITY 3B2 600 01 = ACP VERSION IDENTITY 4 FOR 5E4(2) GENERIC.
- 53. ONLY ONE (1) RIGHT-TO-USE LICENSE APPLICATION CODE LETTER WILL BE REQUIRED PER BILLABLE ORDER. LETTERS R,S,T, AND X ARE ASSOCIATED WITH A RIGHT-TO-LICENSE FEE. BASE PACKAGE 5BASE4A ONE (1) 60 MB STREAMER CARTRIDGE TAPE.
- 54. LISTS M9() THROUGH M17() REQUIRE UNIX V RELEASE 3.1.1 OR HIGHER. 'C' LANGUAGE COMPILER INCLUDED IN SYSTEM PROGRAMMING SERIES SOFTWARE FOR THE AT&T 3B2 COMPUTER 'C' PROGRAMMING LANGUAGE UTILITIES ISSUE 4.1 OR HIGHER MUST BE ORDERED AND INSTALLED ON AT&T 3B2 600 COMPUTER. ALSO REQUIRED IS SOFTWARE GENERATION UTILITIES, ISSUE 4.1 OR HIGHER IN 'C' PROGRAMMING LANGUAGE UTILITIES.
- 55. TRAFFIC DATA SYSTEM INCLUDES AUTOMATIC CIRCUIT ASSURANCE. (TDS/ACA).
- 56. IF SYSTEM MANAGEMENT PACKAGE, LIST M12() IS ORDERED, CMSS, LIST M15() MUST ALSO BE ORDERED. THE SYSTEM MANAGEMENT PACKAGE REQUIRES SPECIALIZED EQUIPMENT AND SOFTWARE THAT IS NOT PART OF ACP SOFTWARE. A PERSONAL COMPUTER (TYPE AND CONFIGURATION IS BASED ON THE BUSINESS CUSTOMER'S ACP CONFIGURATION AND VOLUME OF CALLS). REQUIRED SPECIALIZED SOFTWARE:
 - CARBONCOPY (TM) TRADEMARK OF MERIDIAN TECHNOLOGIES.
 - DBASE III PLUS (TM) TRADEMARK OF ASHTON TATE.
 - MS-DOS (TM) VERSION 3.2 OR LATER TRADEMARK OF MICROSOFT CORP.
 - MICROSOFT CHART (TM) TRADEMARK OF MICROSOFT CORP.
 - MICROSOFT ACCESS (TM) TRADEMARK OF MICROSOFT CORP.
 - MKS TOOLKIT (TM) TRADEMARK OF MORTICE KERN SYSTEM.
- 57. M10(R)(S) (ASMDR) MUST BE CONFIGURED WITH A RATE TABLE DATABASE SUBSCRIPTION TAPE M20() FOR VERSION 2.1 COSTER, OBTAINED FROM OUTSIDE VENDOR ON MEDIA LIST 53, LIST 1 AND SUBSCRIPTION FEES, LIST 54, LIST 1. THE RATE TABLE DATABASE SUBSCRIPTION TAPE M20() IS ORDERED FROM AN OUTSIDE VENDOR AND IS SOURCED GUILFORD CENTER, SOURCE CODE 'RPDS'. ANY ORDERS ARE SOURCED 'RPDS'. M20() MUST BE EQUIPPED WITH *M21() OR *M22() OR *M23() OR **M24() OR **M25() OR **M26().
 - *STANDARD LIST NOT EQUIPPED WITH CITY AND STATE.
 - **INTEGRATED LIST EQUIPPED WITH CITY AND STATE. REQUIRED FOR CERTAIN REPORTS.

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ISSUE NOTES

ORIGINAL ISSUE				
ORIG ISS: 03/25/88		CHANGE CLASS:		
DRAFT: DSL	ENGR: JJK	SUPV: EJZ	CERTIFIED: 03/25/88	ISSUE: 1
ENGINEERING NOTE 54 CHANGED TO INDICATE THAT 'C' COMPILER AND PROGRAMMING UTILITIES MUST BE ORDERED AND INSTALLED. REQUIRED FOR INGRES INSTALLATION.				
ORIG ISS: 03/25/88		CHANGE CLASS: M		
DRAFT: JJK	ENGR: PCB	SUPV: RJK	CERTIFIED: 04/28/88	ISSUE: 2
ADDED MANUFACTURING NOTE 3.				
ORIG ISS: 03/25/88		CHANGE CLASS: M		
DRAFT: JJK	ENGR: PCB	SUPV: DLS	CERTIFIED: 07/06/88	ISSUE: 3
IN MANUFACTURING NOTE 3, 'RPDS' READ 'GC'.				
ORIG ISS: 03/25/88		CHANGE CLASS: M		
DRAFT: JJK	ENGR: PCB	SUPV: DLS	CERTIFIED: 08/24/88	ISSUE: 4
DRAWING RATED 'DA'. (DISCONTINUED AVAILABILITY), AND REPLACED BY J5D028A-2, VERSION 4, RELEASE 2.				
ORIG ISS: 03/25/88		CHANGE CLASS: M		
DRAFT: JJK	ENGR: PCB	SUPV: DLS	CERTIFIED: 10/11/88	ISSUE: 5
IN TABLE A, LIST M9 THRU M12 AND M14 THRU M17 RATED "DA" IN RATING FIELD. DA EFFECTIVE 07/08/94. FE/RA INFORMATION ADDED.				
ORIG ISS: 03/25/88		CHANGE CLASS: M		
DRAFT: RLW	ENGR: WKP	SUPV: RGM	CERTIFIED: 07/22/96	ISSUE: 6

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REPLACED BY J5D028A-2

BT13

ADVANCED COMMUNICATIONS PACKAGE (ACP)
SOFTWARE FOR THE AT&T 3B2/600
APPLICATIONS 5ESS* SWITCH
OPG 4P012
*AT&T TECHNOLOGIES TRADEMARK

DWG SIZE C2

ISSUE 6

LUCENT TECHNOLOGIES INC J5D028A-1

SHEET A1 OF 4

PRINTED IN U.S.A.

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
ONE KS 22754,L1 -- 60 MB STREAMER CARTRIDGE TAPE.	51		1								
RESERVED.			M1								
RESERVED.			M2								
RESERVED.			M3								
RESERVED.			M4								
RESERVED.			M5								
RESERVED.			M6								
RESERVED.			M7								
RESERVED.			M8								
REQUIRED IN ADDITION TO LIST 1 FOR RIGHT-TO-USE FEE FOR TRAFFIC DATA SYSTEM/AUTOMATIC CIRCUIT ASSURANCE. (TDS/ACA) AVAILABLE 5E4(2) ONLY. DA EFF:07/08/94 FE/RA:NONE	53 54	DA	M9								
REQUIRED IN ADDITION TO LIST 1 FOR RIGHT-TO-USE FEE FOR ADVANCED STATION MESSAGE DETAIL RECORDING. (ASMDR). AVAILABLE 5E4(2) ONLY. DA EFF:07/08/94 FE/RA:NONE	52 53 54 57	DA	M10								
REQUIRED IN ADDITION TO LIST 1 FOR RIGHT-TO-USE FEE FOR FACILITIES MANAGEMENT SYSTEM. (FMS) AVAILABLE FOR 5E4(2) ONLY. DA EFF:07/08/94 FE/RA:NONE	52 53 54	DA	M11								
REQUIRED IN ADDITION TO LIST 1 FOR RIGHT-TO-USE FEE FOR SYSTEM MANAGEMENT PACKAGE. (SMP) AVAILABLE 5E4(2) ONLY. DA EFF:07/08/94 FE/RA:NONE	52 53 54 56	DA	M12								
REQUIRED IN ADDITION TO LIST 1 FOR RIGHT-TO-USE FEE FOR THE BASIC PACKAGE (5BASE4A) WHICH INCLUDES 5E COMMUNICATIONS (BRI), CORE, X.25, AND INGRES 5.0 AVAILABLE 5E4(2) ONLY.	51 52 54		M13								
REQUIRED IN ADDITION TO LIST 1 FOR RIGHT-TO-USE FEE FOR CANDELA MESSAGE PRINTER SERVICE (CMPS). CMSS M15() MUST BE ORDERED FOR CMPS TO FUNCTION. DA EFF:07/08/94 FE/RA:NONE	59 62	DA	M14								
REQUIRED IN ADDITION TO LIST 1 FOR RIGHT-TO-USE FEE FOR CUSTOMER MESSAGE SERVICE SYSTEM. (CMSS) AVAILABLE 5E4(2) ONLY. DA EFF:07/08/94 FE/RA:NONE	52 53 54	DA	M15								
REQUIRED IN ADDITION TO LIST 1 FOR RIGHT-TO-USE FEE FOR ELECTRONIC DIRECTORY SERVICE. (EDS) AVAILABLE FOR 5E4(2) ONLY. DA EFF:07/08/94 FE/RA:NONE	52 53 54	DA	M16								
REQUIRED IN ADDITION TO LIST 1 FOR RIGHT-TO-USE FEE FOR SIMPLIFIED MESSAGE SERVICE INTERFACE. (SMSI) INCLUDED IN CMSS M15. DA EFF:07/08/94 FE/RA:NONE	52 53 54 58	DA	M17								
RESERVED.			M18								
RESERVED.			M19								

TABLE-A CONTINUED

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ENGINEERING NOTES

***** CONTINUED *****

- CMSS - BRCS III, ISDN I & ISDN MESSAGES SERVICES AP/ACP
- CMPS - SEE CMSS
- EDS - BRCS III, ISDN I & ISDN ELECTRONIC DIRECTORY SERVICES AP/ACP
- SMSI - BRCS III, ISDN I & ISDN MESSAGE SERVICES AP/ACP
- SMP - BRCS IV ETS BRCS IV AP

ACP	ACP - SWITCH GENERIC COMPATIBILITY GENERICS COMMENTS AND/OR				
FEAT	MLIST	5E3	5E4(2)	FEATURE	RESTRICTION
TDS/ACA	M9()	N/A	-X-	BRCS IV ETS	BRCS IV AP
ASMDR	M10()	N/A	-X-	BRCS IV ETS	M20() REQ. BRCS IV AP
FMS	M11()	N/A	-X-	BRCS IV ETS	BRCS IV AP
SMP	M12()	N/A	-X-		OPTION FOR M15()
5BASE4A	M13()	N/A	-X-	BRCS IV ETS	BRCS IV AP REQ FOR 5E4(2) ACP
CMPS	M14()	N/A	-X-	SEE CMSS	
CMSS	M15()	N/A	-X-	BRCS III ISDN	ISDN I MESSAGE SERVICE AP/ACP
EDS	M16()	N/A	-X-	BRCS III ISDN	ISDN I ELECT. DIR SERV. AP/ACP
SMSI	M17()	N/A	-X-	BRCS III ISDN	ISDN I MESSAGE SERVICE AP/ACP
RTDT	M20()	N/A	-X-	REQUIRED FOR M10()	SOURCED 'GC'.

61. TP NUMBER TAPE MUST BE IDENTIFIED IN THE 'B' SECTION OF THE JOB SPECIFICATION E.G. TP-5D028A-01.

62. AVAILABLE OCTOBER 1, 1988. AVAILABLE 5E4(2) ONLY.

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SOFTWARE FOR THE AT&T 3B2/600
APPLICATIONS 5ESS* SWITCH
OPG 4P012
*AT&T TECHNOLOGIES TRADEMARK

DWG SIZE C2
ISSUE 6

LUCENT TECHNOLOGIES INC J5D028A-1

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TABLE A-FEATURES (CONTINUED)												
EQUIPMENT		RAT- ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT DATA				SD EQUIVALENT			
DESCRIPTION	REF NOTE				EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT	
REQUIRED IN ADDITION TO LIST 53 LIST 2 RATE DATABASE SUBSCRIPTION TAPE. REQUIRED IF ASMDR M10() IS ORDERED. AVAILABLE FOR 5E4(2) ONLY. (SOURCED 'RPDS').	57		M20									
SL1 ACCURATE PRICING TO ALL EXCHANGES IN HOME AREA CODE AND TELEPHONE DENSITY CENTER OF ALL OTHER U.S. AND CANADIAN NPA'S -- STANDARD LIST.	57		M21									
SL2 ALL U.S. NPA'S AND TELEPHONE DENSITY CENTERS OF CANADIAN NPA'S -- STANDARD LIST.	57		M22									
SL3 ALL U.S. AND CANADIAN NPA'S -- STANDARD LIST.	57		M23									
IL1 ACCURATE PRICING TO ALL EXCHANGES IN HOME AREA CODE AND TELEPHONE DENSITY CENTER OF ALL OTHER U.S. AND CANADIAN NPA'S -- INTEGRATED NAME LIST.	57		M24									
IL2 ALL U.S. NPA'S AND TELEPHONE DENSITY CENTERS OF CANADIAN NPA'S -- INTEGRATED NAME LIST.	57		M25									
IL3 ALL U.S. AND CANADIAN NPA'S -- INTEGRATED NAME LIST.	57		M26									
OPTIONAL PRICING OVERSEAS/CARIBBEAN.	57		M27									
OPTIONAL PRICING MEXICO.	57		M28									
OPTIONAL PRICING AT&T WATS.	57		M29									
OPTIONAL PRICING ALL.	57		M30									
OPTIONAL PRICING LOCAL CALL PRICING MESSAGE UNIT.	57		M31									
OPTIONAL PRICING LOCAL CALL PRICING MEASURED.	57		M32									
OPTIONAL PRICING LOCAL CALL PRICING FLAT RATE.	57		M33									
OPTIONAL PRICING OVERSEAS/CARIBBEAN.	57		M34									
OPTIONAL PRICING MEXICO.	57		M35									
OPTIONAL PRICING AT&T WATS.	57		M36									
OPTIONAL PRICING ALL OVERSEAS/CARIBBEAN, MEXICO AT&T WATS.	57		M37									
OPTIONAL PRICING LOCAL CALL PRICING MESSAGE UNIT.	57		M38									
OPTIONAL PRICING LOCAL CALL PRICING MEASURED.	57		M39									
OPTIONAL PRICING LOCAL CALL PRICING FLAT RATE.	57		M40									
OTHER CARRIERS MCI.	57		M41									
OTHER CARRIERS US SPRINT.	57		M42									
OTHER CARRIERS ITT.	57		M43									
OTHER CARRIERS ALLNET.	57		M44									
OTHER CARRIERS WESTERN UNION.	57		M45									
OTHER CARRIERS ALL.	57		M46									
OTHER CARRIERS MCI.	57		M47									
OTHER CARRIERS US SPRINT.	57		M48									
OTHER CARRIERS ITT.	57		M49									
OTHER CARRIERS ALLNET.	57		M50									
TABLE-A CONTINUED												

TABLE A-FEATURES (CONTINUED)												
EQUIPMENT		RAT- ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT DATA				SD EQUIVALENT			
DESCRIPTION	REF NOTE				EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT	
OTHER CARRIERS WESTERN UNION	57		M51									
OTHER CARRIERS ALL	57		M52									
MEDIA LIST 2 (60 MB CARTRIDGE)	57		M53									
ANNUAL SUBSCRIPTION AND HANDLING CHARGES LIST 2 (60 MB CARTRIDGE)	57		M54									
REQUIRED IN ADDITION TO LIST 1 FOR RIGHT-TO-USE FEE FOR VERSION 4 ADVANCED COMMUNICATIONS PACKAGE SOFTWARE COMPATIBLE WITH THE 5E4(2) GENERIC. (SEE NOTES 51,52 AND 53).	51 52 53		MA									
END OF TABLE-A												

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BT13	
ADVANCED COMMUNICATIONS PACKAGE (ACP) SOFTWARE FOR THE AT&T 3B2/600 APPLICATIONS 5ESS* SWITCH OPG 4P012 *AT&T TECHNOLOGIES TRADEMARK	
DWG SIZE C2	ISSUE 6
LUCENT TECHNOLOGIES INC	J5D028A-1
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STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1000	1	1	405619024	KS22754L1	CARTRIDGE, TAPE 400 FT.			1 2
***** END OF STOCKLIST *****								

S H O P X X X	I N S T	MANUFACTURING NOTES	

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ADVANCED COMMUNICATIONS PACKAGE (ACP) SOFTWARE FOR THE AT&T 3B2/600 APPLICATIONS 5ESS* SWITCH OFG 4P012 *AT&T TECHNOLOGIES TRADEMARK	DWG SIZE C2
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