

ENGINEERING NOTES

***** CONTINUED *****

ASCII= AMERICAN STANDARD CODE INFORMATION INTERCHANGE

56. MDR LIST MJ() REQUIRES A SYSTEM CONFIGURED TO INCLUDE A SCSI 9-TRACK OR A MITRON TAPE DRIVE FOR 1600 OR 6250 BPI TAPES.

BCD= BINARY CODED DECIMAL.

57. BCP VERSION 4.1 RELEASE 1 REQUIRES THE USE OF AN AT&T 3B2 PROCESSOR SELECTED BY USE OF THE AT&T ENGINEERING RULES FOR BCP. SELECTIONS ARE LIMITED TO AT&T 3B2/600 AND 3B2/1000 MODEL 60 AND 3B2/1000 MODEL 70 (PREFERRED).

 LISTS MB(), MC(), MD(), ME(), MQ() AND MR() ARE SELECTED AT TIME OF ENGINEERING TO IDENTIFY THE TYPE OF INTERFACES AND SWITCHES TO BE USED. LISTS ARE FOR INFORMATIONAL AND INSTALLATION PURPOSES.

 BCP MAY BE CENTRAL OFFICE OR CUSTOMER PREMISES BASED FOR PRIVATE BRANCH EXCHANGE (PBX) APPLICATIONS.

 THE BCP PROCESSOR FOR 1A APS SBDL AND 5ESS IOP INTERFACES MUST BE LOCATED AT THE SWITCH CENTRAL OFFICE. FOR BCP PROCESSORS USING THE 1A ESS PUC/PUCDL, THE 5ESS API, AND THE DMS-100, THE PROCESSORS MAY BE LOCATED AT EITHER THE CENTRAL OFFICE OR ON CUSTOMER PREMISES. THE ONLY EXCEPTION IS TRAFFIC SURVEILLANCE (TC). BCP PROCESSORS SUPPORTING TS MUST BE LOCATED AT THE CENTRAL OFFICE.

 THE SUM TOTAL OF SWITCH INTERFACES IS LIMITED TO TEN(10) PER BCP SYSTEM. THE SWITCHES MAY BE ANY COMBINATION OF 1A ESS SWITCHES, 5ESS SWITCHES, AND DMS-100 AND PBX SWITCHES OR ALL OF THE SAME TYPE OF SWITCH.

 MULTIPLE CUSTOMERS MAY HAVE MULTIPLE OUTPUTS PROVIDED THE NUMBER OF OUTPUTS SELECTED DO NOT EXCEED 10 RUNNING AT ANY ONE TIME FOR ALL CUSTOMERS. DIAL-IN, DIAL-OUT CUSTOMERS CAN BE CONFIGURED UP TO 75.

 CUSTOMER MAY MERGE CALL RECORDS FROM MULTIPLE SAME-TYPE SWITCHES TO A SINGLE OUTPUT OR MULTIPLE SWITCH COMPATIBLE TYPE OUTPUTS LIMITED TO A SINGLE OUTPUT.

 58. BCP CUSTOMERS USING PBX APPLICATIONS MUST HAVE AN AT&T SUPPLIED CDRU (CALL DETAIL RECORDING UNIT).

59. MDR CUSTOMERS SELECTING FEATURES MF() LIST M1(), MG() LIST M1(), MH() LIST M1(), MI() LIST M1(), MJ() LIST M1() AND ML() LIST M7() MUST SELECT THE 5ESS IOP OR 5ESS API INTERFACE. THE API IS THE PREFERRED INTERFACE.

 MDR CUSTOMERS FOR THE NORTHERN TELCOM SWITCH DMS-100(R) ((R) REGISTERED TRADEMARK OF NORTHERN TELCOM INCORPORATED) INTERFACE THROUGH THE DMS-100 TAPE BUS. SELECT LIST MQ(). DELIVERY FORMATS LIST M10 AND LIST M11() ARE ONLY FORMATS AVAILABLE FOR DMS-100 SWITCH.

 DMS-100 CUSTOMERS INTERFACE THROUGH A SPECIAL HARDWARE DEVICE TO THE TAPE BUS. THIS DEVICE IS NOT AT&T SUPPLIED.

 MDR CUSTOMERS SELECTING FEATURES MF() LIST M2(), MG() LIST M2(), MH() LIST M2(), MI() LIST M2(), MJ() LIST M3() OR M4() AND MK() LIST M6(), MAY ACCESS FEATURES THROUGH 1A ESS PUC/PUCDL, 1A 3SS APS SBDL, 5ESS IOP OR 5ESS API INTERFACE.

 MDR CUSTOMERS SELECTING MK() LIST M5(), MUST HAVE EITHER A 93B OR A NCOSS POLLER. FEATURE IS AVAILABLE TO 1A ESS AND 5ESS SWITCH CUSTOMERS.

 CONTINUED ON NEXT SHEET -----

ENGINEERING NOTES

51. FOR ORDERING PURPOSES, M LISTS MA(), M1(), ETC. MUST ALWAYS BE ACCOMPANIED BY AN APPLICATION CODE LETTER R,S,T OR 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 FLOPPY DISKETTE INPUTS:
 LIST MA() - FLOPPY DISKETTES TP-9C000H-01 FURNISHED BY NW APEC TO AT&T WARRENVILLE SOFTWARE PRODUCTION.
 9C000H-01 = 3B COMPUTER IDENTITY AT&T 3B2
 01 = BCP VERSION IDENTITY 4.1 RELEASE 1
 SELECTED FEATURES FOR 1A TM ESS SWITCH AND 5ESS* SWITCH APPLICATIONS, DMS-100** SWITCH DIMENSION, DEFINITY, SYSTEM 75, SYSTEM 75XE AND SYSTEM 85 PBX APPLICATIONS.
 EADAS INTERFACE
 *AT&T TRADEMARK, **NORTHERN TELCOMM TRADEMARK

 LISTS 1,MA() THROUGH MR(), LISTS M1() THROUGH M17() ARE SOURCED WN AT&T WARRENVILLE. LISTS 2 AND 3 (DOCUMENTATION) ARE SOURCED ID/G2.

 LISTS MA() THROUGH MR() AND LISTS M1() THROUGH M17 - CONTROLLED INTRODUCTION - MARCH 25, 1991.
 LISTS MA() THROUGH MR() AND LISTS M1() THROUGH M17 - GENERAL AVAILABILITY - MAY 13, 1991.
 LISTS MS(),MT(),MU() AND M18()-GENERAL AVAILABILITY - 1/10/93.
 ASSOCIATED WITH DRAWING J5D037B-1, ED-5D690-31, AND SD-1C965-01.

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.

54. BCP REQUIRES UNIX SYSTEM V RELEASE 3.1.1 OR HIGHER. VERSION OF UNIX IS DEPENDENT ON MODEL OF THE AT&T 3B2 MACHINE USED. BCP ON AT&T 3B2/1000 MODEL 60 AND 70 MUST USE UNIX SYSTEM V RELEASE 3.2.3 OR HIGHER REQUIRED UNIX STANDARD SOFTWARE UTILITIES IN ADDITION TO THE UNIX OPERATING SYSTEM.
 A. ESSENTIAL UTILITIES
 B. SYSTEM ADMINISTRATION
 C. DIRECTORY AND FILE MANAGEMENT
 D. TERMINAL INFORMATION UTILITIES I & II
 E. EDITING UTILITIES
 F. SECURITY ADMINISTRATION UTILITIES
 G. USER ENVIRONMENT UTILITIES
 H. INTERPROCESS COMMUNICATIONS UTILITIES
 I. BASIC NETWORKING UTILITIES
 J. UNIX C PROGRAMMING LANGUAGES
 K. ADVANCED PROGRAMMING UTILITIES
 L. 'C' LANGUAGE COMPILER ISSUE 4.1 OR HIGHER
 M. LINE PRINTER SPOOLING UTILITIES
 N. PERFORMANCE UTILITIES
 NOTE - UTILITIES MUST BE COMPATIBLE WITH THE APPROPRIATE ISSUE AND VERSION OF UNIX.

55. MESSAGE DETAIL RECORDING (MDR) LIST MI() AND TD LIST MN() REQUIRE THAT RECEIVING PROCESSOR HAVE UNIX 'ANY RELEASE' FOR UUCP TO RECEIVE DATA FROM STORED AND FORWARD OUTPUT.

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ISSUE NOTES

ORIG ISS: 03/25/93		CHANGE CLASS:	
DRAFT: PKK	ENGR: EAK	SUPV: EJB	CERTIFIED: 03/25/93 ISSUE: 1
IN TABLE A LIST M1 THROUGH M18, MB, MC, MD, MQ AND MR REFERENCE TO ENGINEERING NOTE 51 ADDED			
ORIG ISS: 03/25/93		CHANGE CLASS: M	
DRAFT: PKK	ENGR: EAK	SUPV:	CERTIFIED: 04/23/93 ISSUE: 2
IN TABLE A AND STOCKLIST EIGHT (8) FLOPPY DISKETTES READ SEVEN (7) FLOPPY DISKETTES. ENGINEERING NOTE 61 REVISED TO CLARIFY THE ORDERING OF LIST 2 DOCUMENTS.			
ORIG ISS: 03/25/93		CHANGE CLASS: M	
DRAFT: MR	ENGR: EAK	SUPV:	CERTIFIED: 11/18/93 ISSUE: 3
IN TABLE A ADDED LISTS MV AND MW; ENGINEERING NOTES 65 THRU 67 ADDED.			
ORIG ISS: 03/25/93		CHANGE CLASS: M	
DRAFT: WKP	ENGR: WKP	SUPV:	CERTIFIED: 10/19/95 ISSUE: 4
ENGINEERING NOTES 65 AND 66 WERE SUPPLEMENTED TO DEFINE (NOTE 51) APPLICATION CODE S AND R RESTRICTIONS FOR DRAWING LISTS MV AND MW.			
ORIG ISS: 03/25/93		CHANGE CLASS: ME	
DRAFT: WKP	ENGR: WKP	SUPV:	CERTIFIED: 01/30/96 ISSUE: 5

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OPERATIONS SUPPORT SYSTEMS (OSS)
 BASIC COMMUNICATIONS PACKAGE (BCP)
 COMMON SYSTEMS--SOFTWARE
 VERSION 4.1

BT13	
DWG SIZE	ISSUE
C2	5

J9C000H-1

AT&T J9C000H-1 SHEET A1 OF 6

ENGINEERING NOTES

***** CONTINUED *****

- 12. DMS-100 TAPE BUS
--MDR - SPECIAL EXTERNAL HARDWARE.
--TD - NOT SUPPORTED.
--TS - NOT SUPPORTED.
- 13. DIMENSION, DEFINITY GENERICS 1 AND 2, SYSTEM 75, SYSTEM 75XE, AND SYSTEM 85
--MDR- AT&T SUPPLIED CALL DETAIL RECORDING UNIT
--TD- NOT SUPPORTED
--TS- NOT SUPPORTED
- 14. TRAFFIC STATISTICS TO PREMISE
--MS() DIRECT OUTPUT TSP
--MT() UNIX TO UNIX TSP
--MU() DIAL-OUT TSP
- 65. LIST MV IS A SPECIAL COMBINATION PACKAGE, CONSISTING OF TAPE EQUIPPED WITH BCP BASE PACKAGE AND MDR DIAL-IN FEATURE FOR 3 BUSINESS CUSTOMERS. ONLY APPLICATION CODES R AND S, AS DEFINED IN NOTE 51, APPLY TO THIS LIST MV
- 66. LIST MW IS A SPECIAL COMBINATION PACKAGE, CONSISTING OF TAPE EQUIPPED WITH BCP BASE PACKAGE AND MDR DIAL-IN FEATURE FOR 100 BUSINESS CUSTOMERS. ONLY APPLICATION CODES R AND S, AS DEFINED IN NOTE 51, APPLY TO THIS LIST MW.
- 67. LIST MV AND MW ARE RESTRICTED AND CANNOT BE ORDERED WITHOUT PERMISSION FROM JERRY KIERAS (708-224-7534).

ENGINEERING NOTES

***** CONTINUED *****

- DEFINITY GENERIC RELEASES 1 AND 2;SYSTEM 75 RELEASE 1 VERSIONS 1,2 AND 3;SYSTEM 75XE RELEASE 1, VERSIONS 2 AND 3; SYSTEM 85 RELEASE 2, VERSIONS 2 AND 3;SYSTEM 85 RELEASE 2 VERSION 4. SEE APPROPRIATE ORDERING LIST
THE DMS-100 INTERFACE IS NOT RELEASE DEPENDENT.
- THE FOLLOWING ACCESS LISTS AND FEATURE LISTS ARE ORDERABLE FOR VERSION 4.1 RELEASE 1 BCP SOFTWARE:
- 1. MA()- RTU FEE FOR BCP VERSION 4.1 RELEASE 1.
 - 2. 5ESS ACCESS
--MB()- 5ESS IOP INTERFACE FOR RELEASES 5E3 THROUGH 5E5.
--MC()- 5ESS API INTERFACE FOR RELEASES 5E4(2) THROUGH 5E6.
 - 3. 1A ESS ACCESS
--MD()- 1A ESS PUC/PUCDL - ONE CUSTOMER PER LINK.
--ME()- 1A ESS APS SBDL - MULTIPLE CUSTOMERS PER LINK.
 - 4. DMS-100 ACCESS
--MQ() DMS-100 TAPE BUS
 - 5. MR()- PBX ACCESS W/CDRU
--DIMENSION
--DEFINITY GENERIC RELEASE 1
--DEFINITY GENERIC RELEASE 2
--SYSTEM 75 RELEASE 1, VERSIONS 1,2 AND 3
--SYSTEM 75XE RELEASE 1, VERSIONS 2 AND 3
--SYSTEM 85 RELEASE 2, VERSION 2,3 AND 4
 - 6. MESSAGE DETAIL RECORDING (MDR) OUTPUT DELIVERY FEATURE LIST.
--MF()- DIAL-IN MDR.
--MG()- DIAL-OUT MDR.
--MH()- DIRECT OUTPUT MDR.
--MI()- UNIX-TO-UNIX MDR.
--MJ()- TAPE OUTPUT MDR.
--MK()- POLLED OUTPUT MDR.
 - 7. TRAFFIC DATA (TD) OUTPUT DELIVERY FEATURE LIST
--ML()- DIAL-IN TD.
--MM()- DIRECT OUTPUT TD.
--MN()- UNIX-TO-UNIX TD.
--MO()- DIRECT OUTPUT CTRF.
 - 8. OUTPUT DELIVERY FORMATS.
--LIST M1()-BCP, 5E ASCII
--LIST M2()-94A, 1A ASCII
--LIST M3()-93A, 1A ASCII
--LIST M4()-93A, 1A BCD
--LIST M5()-94A, 1A BCD
--LIST M6()-94A, D3 BCD
--LIST M7()-BCP, REPORTS
--LIST M8()-BCP, RECORDS
--LIST M9()-1A, CTRF REPORTS
--LIST M10()-BCP, DMS ASCII (MDR)
--LIST M11()-BCP, COMMON RECORD FORMAT
--LIST M12()-DIMENSION PBX
--LIST M13()-DEFINITY G1,G2
--LIST M14()-SYSTEM 75: R1 V1,V2,V3
--LIST M15()-SYSTEM 75XE R1 V2 OR 3
--LIST M16()-SYSTEM 85 R2 V2 OR 3
--LIST M17()-SYSTEM 85 R2 V4
--LIST M18()-TSP
 - 9. TRAFFIC SURVEILLANCE (TS).
--MP() TRUNK GROUP ACTIVITY, REPORT SCREENS EVERY 100 SECONDS.
 - 10. 5E SWITCH SOFTWARE RELEASE REQUIREMENTS.
--API--
--MDR - BRCS IV ETS BRCS IV AP.
--TD - BRCS IV ETS BRCS IV AP.
--TS - BRCS IV ETS BRCS IV AP.
--IOP--
--MDR - BRCS IV ETS BRCS IV AP.
--TD - BRCS IV ETS BRCS IV AP.
--TS - NOT SUPPORTED.
 - 11. 1A SWITCH SOFTWARE RELEASE REQUIREMENTS.
--1A ESS PUC/PUCDL--
--MDR - SMDR PUC AND PUCDL ARS DELUXE FRL.
--TD - NOT SUPPORTED.
--TS - NOT SUPPORTED.
--1A ESS APS SBDL--
--MDR - 1A APS, ETS OR SMDR.
--TD - NOT SUPPORTED.
--TS - NOT SUPPORTED.
- CONTINUED TO THE LEFT -----

ENGINEERING NOTES

***** CONTINUED *****

- MDR CUSTOMERS FROM ANY ACCESS MAY CHOOSE BCP, COMMON RECORD FORMAT FOR ANY MDR FEATURE OUTPUT.

DMS-100 MDR CUSTOMERS SELECTING FEATURE MQ() RECEIVE DMS-100 MDR OUTPUT RECORDS FORMATTED PER THE TYPE OF DELIVERY OPTION SELECTED. OPTIONS MF(),MG(),MH(),MI(),MJ() UTILIZING LIST M10() OR M11() MAY BE SELECTED.

MDR CUSTOMERS SELECTING MK() LIST M6(), MUST HAVE A 93B POLLER. FEATURE IS AVAILABLE TO 5ESS SWITCH CUSTOMERS ONLY.
DIMENSION 3 FORMAT=D3.

TD CUSTOMERS SELECTING FEATURES ML() LIST M7(), MM() LIST M8(), MN() LIST M7() AND MO() LIST M9(), MUST SELECT THE 5ESS IOP OR 5ESS API INTERFACE. THE API IS THE PREFERRED INTERFACE. TRAFFIC DATA - LISTS ML(),MM(),MN(),MO() AND TRAFFIC SURVEILLANCE - LIST MP() ARE NOT AVAILABLE FOR EITHER 1A ESS SWITCH, DMS-100 OR PBX APPLICATIONS.

TRAFFIC SURVEILLANCE REPORTING HAS A CYCLE OF ONE HUNDRED SECONDS REPORTING TO A REMOTE TERMINAL ON THE CUSTOMER PREMISES. THE FEATURE IS ACCESSIBLE ONLY THROUGH THE 5ESS SWITCH INTEGRATED SERVICES DIGITAL NETWORK (ISDN) OB+D APPLICATIONS PROCESSOR INTERFACE. OUTPUT IS FORMATTED AS A TRUNK USAGE SCREEN ON A PER CUSTOMER BASIS. THIS FEATURE ONLY IS AVAILABLE THROUGH THE 5ESS API INTERFACE.

60. SWITCH SOFTWARE RELEASE 5E4(2) AND 5E5 COMPATABILITY IS THROUGH THE API OR IOP INTERFACE.
THE IOP IS RATED FOR THE 5E3,5E4(2) AND 5E5 SOFTWARE RELEASES. API IS SUPPORTED BY GENERIC 5E4(2) POINT ISSUE 5.03 AND LATER. ACCESS IS LIMITED FOR SOFTWARE RELEASE 5E6 TO THE API EXCLUSIVELY.

1A ESS PUC/PUCDL IS SUPPORTED BY RELEASES 1AE<<C6B6> AND LATER. 1A ESS APS SBDL IS SUPPORTED BY RELEASES 1AE<<10B10>.06 AND LATER.

THE DMS-100 NORTHERN TELCOM MDR SWITCH INTERFACE IS THROUGH THE TAPE BUS CONFIGURED TO DELIVER AN MDR DATA STREAM. THE INTERFACE IS AN ASYNCHRONOUS NON-PROPRIETARY DATA LINK. A SPECIAL INTERFACE DEVICE IS REQUIRED TO CAPTURE CALL RECORD DATA FROM THE SWITCHING SYSTEMS' MAGNETIC TAPE RECORDING SUBSYSTEM. THIS ADAPTER IS IN USE AND MUST BE ORDERED SEPARATELY FOR THIS INTERFACE TO FUNCTION. TRAFFIC SURVEILLANCE OR TRAFFIC DATA MAY NOT BE PROVISIONED OVER THE DMS TAPE BUS.

BCP DEFINITY CUSTOMERS REQUIRE SOFTWARE GENERIC RELEASES 1 OR 2. SYSTEM 75 COMPATABILITY IS RELATED TO RELEASE 1 VERSIONS 1,2 OR 3. SYSTEM 75XE REQUIRES RELEASE 1 VERSIONS 2 OR 3. SYSTEM 85 REQUIRES RELEASE 2 VERSIONS 2,3 OR 4.

61. LIST 2 DOCUMENTATION FOR BCP VERSION 4.1 IS REQUIRED FOR INITIAL AND RETROFIT ORDERS. ONE SET OF USER DOCUMENTS (L-2) IS TO BE ORDERED WITH INITIAL AND RETROFIT SOFTWARE, AND THE PRICE OF THE DOCUMENTS ARE INCLUDED IN THE SOFTWARE PRICE. NO ADDITIONAL LIST 2 DOCUMENTS CAN BE ORDERED USING THIS DRAWING. ADDITIONAL USER DOCUMENTS MUST BE ORDERED DIRECTLY FROM CIC, INDIANAPOLIS, USING THE INDIVIDUAL DOCUMENT SELECT CODES. LIST 3 DOCUMENTATION FOR INSTALLATION IS ONLY ORDERABLE BY INTERNAL AT&T INSTALLERS.

62. TP NUMBER MUST BE IDENTIFIED IN THE 'B' SECTION OF THE JOB SPECIFICATION BCP VERSION 4.1 RELEASE 1 DESIGNATION IS TP-9C000H-01.

63. TRAFFIC STATISTICS TO PREMISE REQUIRES A CONNECTION TO AN EADAS SYSTEM.

64. BASIC COMMUNICATIONS PACKAGE VERSION 4.1 RELEASE 1
===== ESTABLISH THE FOLLOWING FEATURE ORDERING INFORMATION. =====
BCP VERSION 4.1 RELEASE 1 SOFTWARE IS ONLY COMPATIBLE WITH THE FOLLOWING AT&T SOFTWARE RELEASES:
1A ESS 1AE<<C8B8> THROUGH 1AE<<10B10>, 5E3 RELEASE INTERFACES THROUGH THE IOP INTERFACE AND 5E4(2) AND 5E5 THROUGH THE IOP OR API INTERFACE. SWITCH SOFTWARE RELEASE 5E6 IS ACCESSED THROUGH THE API.
BCP VERSION 4.1 RELEASE 1 IS COMPATIBLE WITH DIMENSION PBX;
----- CONTINUED TO THE LEFT -----

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BT13

OPERATIONS SUPPORT SYSTEMS (OSS)
BASIC COMMUNICATIONS PACKAGE (BCP)
COMMON SYSTEMS--SOFTWARE
VERSION 4.1

DWG SIZE C2
ISSUE 5

TABLE A-FEATURES												
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	
EIGHT (8) FLOPPY DISKETTES.	51		1									
REQUIRED AT&T BCP VERSION 4.1 RELEASE 1 DOCUMENTATION: 533-615-400 AT&T BCP OPERATIONS MANUAL WHICH CONSISTS OF THE FOLLOWING: 533-615-420 AT&T BCP OPERATIONS MANUAL BINDER 533-615-401 AT&T BCP ADMINISTRATOR'S GUIDE 533-615-403 AT&T BCP OUTPUT SPECIFICATION 533-615-404 AT&T BCP SITE PREPARATION GUIDE 533-615-406 AT&T BCP DIAL-IN USER'S GUIDE 533-615-409 AT&T BCP PRODUCT SPECIFICATION 533-615-410 AT&T BCP DOCUMEN- TATION GUIDE 533-615-411 AT&T BCP SYSTEM DESCRIPTION 533-615-412 AT&T BCP HARDWARE CONFIGURATION GUIDE 533-615-413 AT&T BCP TRAFFIC SURVEILLANCE USER'S GUIDE ADDITIONAL COPIES MAY BE ORDERED BY DOCUMENT NUMBER DIRECTLY FROM THE AT&T CUSTOMER INFORMATION CENTER, INDIANAPOLIS.	61		2									
BCP VERSION 4.1 RELEASE 1 DOCUMENTATION AT&T PROPRIETARY 531-615-405 AT&T BCP INSTALLER'S GUIDE FOR INTERNAL INSTALLATION ORDERS ONLY.	61 62		3									
OUTPUT DELIVERY FORMAT BCP, 5E ASCII	51		M1									
OUTPUT DELIVERY FORMAT 94A, 1A ASCII	51		M2									
OUTPUT DELIVERY FORMAT 93A, 1A ASCII	51		M3									
OUTPUT DELIVERY FORMAT 93A, 1A BCD	51		M4									
OUTPUT DELIVERY FORMAT 94A, 1A BCD	51		M5									
OUTPUT DELIVERY FORMAT 94A, 1A D3 BCD	51		M6									
OUTPUT DELIVERY FORMAT BCP, REPORTS	51		M7									
OUTPUT DELIVERY FORMAT BCP, RECORDS	51		M8									
OUTPUT DELIVERY FORMAT 1A, CTRF REPORTS	51		M9									
OUTPUT DELIVERY FORMAT BCP, DMS-100 ASCII MDR	51		M10									
OUTPUT DELIVERY FORMAT BCP, COMMON RECORD	51		M11									
OUTPUT DELIVERY FORMAT PBX, DIMENSION	51		M12									
OUTPUT DELIVERY FORMAT PBX, DEFINITY GROUP 1 OR GROUP 2	51		M13									
OUTPUT DELIVERY FORMAT PBX, SYSTEM 75 RELEASE 1 VERSION 1,2 OR 3	51		M14									
OUTPUT DELIVERY FORMAT PBX, SYSTEM 75XE RELEASE 1 VERSION 2 OR 3	51		M15									
OUTPUT DELIVERY FORMAT PBX, SYSTEM 85 RELEASE 2 VERSION 2 OR 3	51		M16									
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	
OUTPUT DELIVERY FORMAT PBX, SYSTEM 85 RELEASE 2 VERSION 4	51		M17									
OUTPUT DELIVERY FORMAT, TSP, OUTPUT	51		M18									
REQUIRED IN ADDITION TO LIST 1 FOR RIGHT TO USE FEE FOR VERSION 4.1 RELEASE 1 BASIC COMMUNICATIONS PACKAGE.	51 52 53 54 55 56 57 59 60 61		MA									
5ESS ACCESS 5ESS IOP INTERFACE	51 57 59 60		MB									
5ESS ACCESS 5ESS APPLICATION PROCESSOR INTERFACE.	51 57 59 60		MC									
1A ESS ACCESS 1A ESS PUC/PUCDL	51 57 59 60		MD									
1A ESS ACCESS 1A ESS APS SDDL	57 59 60		ME									
MDR RIGHT-TO-USE FEE FOR DIAL-IN MDR ORDER LIST M1 OR LIST M2. DMS-100 CUSTOMER ORDER LIST M10. PBX CUSTOMERS ORDER FROM LISTS M12 THROUGH M17 PER PBX CONFIGURATION. ALL CUSTOMERS MAY ORDER LIST M11.	51 59 60		MF									
MDR RIGHT-TO-USE FEE FOR DIAL-OUT MDR ORDER LIST M1 OR LIST M2. DMS-100 CUSTOMER ORDER LIST M10. PBX CUSTOMER ORDER FROM LISTS M12 THROUGH M17 PER PBX CONFIGURATION. ALL CUSTOMERS MAY ORDER LIST M11.	51 59 60		MG									
MDR RIGHT-TO-USE FEE FOR DIRECT OUTPUT MDR ORDER LIST M1 OR LIST M2. DMS-100 CUSTOMER ORDER LIST M10. PBX CUSTOMERS ORDER FROM LISTS M12 THROUGH M17 PER PBX CONFIGURATION. ALL CUSTOMERS MAY ORDER LIST M11.	51 59 60		MH									
TABLE-A CONTINUED												

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BT13	
OPERATIONS SUPPORT SYSTEMS (OSS) BASIC COMMUNICATIONS PACKAGE (BCP) COMMON SYSTEMS--SOFTWARE VERSION 4.1	
DWG SIZE C2	ISSUE 5
AT&T	J9C000H-1
SHEET A3 OF 6	

J9C000H-1

TABLE A-FEATURES (CONTINUED)

EQUIPMENT		EQUIPMENT OR CIRCUIT DATA							SD EQUIVALENT		
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
MDR RIGHT-TO-USE FEE FOR UNIX TO UNIX MDR ORDER LIST M1 OR LIST M2. DMS-100 CUSTOMER ORDER LIST M10. PBX CUSTOMERS ORDER FROM LISTS M12 THROUGH M17 PER PBX CONFIGURATION. ALL CUSTOMERS MAY ORDER LIST M11.	51 55 59 60		MI								
MDR RIGHT-TO-USE FEE FOR TAPE OUTPUT MDR LIST M1, LIST M3 OR LIST M4 MAY BE ORDERED. DMS-100 CUSTOMER ORDER LIST M10. PBX CUSTOMERS ORDER FROM LISTS M12 THROUGH M17 PER PBX CONFIGURATION. ALL CUSTOMERS MAY ORDER LIST M11.	51 56 59 60		MJ								
MDR RIGHT-TO-USE FEE FOR POLLED OUTPUT MDR LIST M5 OR LIST M6 MAY BE ORDERED. CUSTOMERS WITH POLLERS ON THE 1A ESS SWITCH MAY ORDER LIST M11.	51 59 60		MK								
TD RIGHT-TO-USE FEE FOR DIAL-IN TD LIST M7 MAY BE ORDERED.	51 59 60		ML								
TD RIGHT-TO-USE FEE FOR DIRECT-OUTPUT TD LIST M6 MAY BE ORDERED.	51 59 60		MM								
TD RIGHT-TO-USE FEE FOR UNIX TO UNIX TD LIST M7 MAY BE ORDERED.	51 55 59 60		MN								
TD RIGHT-TO-USE FEE FOR DIRECT OUTPUT CTRF LIST M9 MAY BE ORDERED.	51 59 60		MO								
TS RIGHT-TO-USE FEE FOR TRAFFIC SURVEILLANCE USAGE REPORTING -REMOTE TERMINAL-	51 57 60		MP								
DMS-100 ACCESS DMS-100 ACCESS DMS-100 TAPE BUS	51 59		MQ								
PBX PBX ACCESS DIMENSION DEFINITY G1,G2 SYSTEM 75, SYSTEM 75XE, SYSTEM 85.	51		MR								
TSP RIGHT-TO-USE FEE FOR DIRECT OUTPUT TSP ORDER LIST M18.	51		MS								
TSP RIGHT-TO-USE FOR UNIX TO UNIX TSP ORDER LIST M18.	51		MT								
TSP RIGHT-TO-USE FOR DIAL-OUT TSP ORDER LIST M18.	51		MU								
COMBINATION: BASE PACKAGE, 1 SWITCH, 3 MDR DIAL-IN CUSTOMERS, 2 PORTS, AND MEDIUM (TAPE). LIST 2 (DOCUMENTATION) MUST BE ORDERED WITH THIS LIST. SOURCE NWQ. REPL:NONE	65 67		NV								
COMBINATION: BASE PACKAGE, 20 SWITCHES, 100 MDR DIAL-IN CUSTOMERS, 20 PORTS, AND MEDIUM (TAPE). LIST 2 (DOCUMENTATION) MUST BE ORDERED WITH THIS LIST. SOURCE NWQ. REPL:NONE	66 67		NW								

END OF TABLE-A

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BT13	
OPERATIONS SUPPORT SYSTEMS (OSS) BASIC COMMUNICATIONS PACKAGE (BCP) COMMON SYSTEMS--SOFTWARE VERSION 4.1	
DWG SIZE C2	ISSUE 5
AT&T	J9C000H-1
SHEET A4 OF 6	

J9C000H-1

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
1000	1	8	405554460		DISKETTE 5-1/4 IN. DOUBLE SIDED DOUBLE DENSITY 96 TPI			1 2	
1010	2	1	601418387	J9C000H-1, L2	DOCUMENT			3	
1020	3	1	601418395	J9C000H-1, L3	DOCUMENT			3	
***** END OF STOCKLIST *****									

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

AA

BCP - SWITCH SOFTWARE RELEASE (SSR) COMPATIBILITY								
BCP	SWITCH SOFTWARE RELEASE (SSR)							COMMENTS AND/OR FEATURE RESTRICTION
FEATURE LIST	1A	5E3	5E4(2)	5E5	5E6	DMS-100	PBX	
BCP V4.1 R1 RTU MA()	-X-	-X-	-X-	-X-	-X-	-X-	-X-	
ACCESS 5ESS API MB()	N/A	N/A	-X-	-X-	-X-	N/A	N/A	BRCS ETS BRCS IV AP
ACCESS 5ESS IOP MC()	N/A	-X-	-X-	-X-	N/A	N/A	N/A	BRCS ETS BRCS IV AP
ACCESS 1A ESS PUC/PUCDL MD()	-X-	N/A	N/A	N/A	N/A	N/A	N/A	SMDR PUC AND PUC/DL ARS DELUXE PRL
ACCESS 1A ESS ? APS SBDL ? ME()	-X-	? N/A	? N/A	? N/A	? N/A	? N/A	? N/A	1A ESS APS SBDL ? SSR 1AE<C10B10>.06 OR LATER
ACCESS DMS-100 MQ()	N/A	N/A	N/A	N/A	N/A	-X-	N/A	DMS-100 TAPE BUS
ACCESS PBX MP()	-NA-	-NA-	-NA-	-NA-	-NA-	-NA-	-X-	AT&T CDRU
MDR								
MP()	-X-	-X-	-X-	-X-	-X-	-X-	-X-	
LIST M1()	N/A	-X-	-X-	-X-	-X-	N/A	N/A	
LIST M2()	-X-	-X-	-X-	-X-	-X-	N/A	N/A	
LIST M10()	N/A	N/A	N/A	N/A	N/A	-X-	N/A	
LIST M11()	-X-	-X-	-X-	-X-	-X-	-X-	-X-	
LIST M12()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	DIMENSION PBX
LIST M13()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	DEFINITY G1,G2
LIST M14()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	SYSTEM 75 R1 V1,V2,V3
LIST M15()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	SYSTEM 75XE R1 V1 OR V3
LIST M16()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	SYSTEM 85 R2 V2 OR V3
LIST M17()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	SYSTEM 85 R2 V4
MG()	-X-	-X-	-X-	-X-	-X-	-X-	-X-	
LIST M1()	N/A	-X-	-X-	-X-	-X-	N/A	N/A	
LIST M2()	-X-	-X-	-X-	-X-	-X-	N/A	N/A	
LIST M10()	N/A	N/A	N/A	N/A	N/A	-X-	N/A	
LIST M11()	-X-	-X-	-X-	-X-	-X-	-X-	-X-	

*** CONTINUED ***

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BT13	
OPERATIONS SUPPORT SYSTEMS (OSS) BASIC COMMUNICATIONS PACKAGE (BCP) COMMON SYSTEMS--SOFTWARE VERSION 4.1	
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** CONTINUED **
AA

BCP - SWITCH SOFTWARE RELEASE (SSR) COMPATIBILITY								
BCP	SWITCH SOFTWARE RELEASE (SSR)							COMMENTS AND/OR FEATURE RESTRICTION
FEATURE LIST	1A	5E3	5E4(2)	5E5	5E6	DMS-100	PBX	
LIST M12()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	DIMENSION PBX
LIST M13()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	DEFINITY G1,G2
LIST M14()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	SYSTEM 75 R1 V1,V2,V3
LIST M15()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	SYSTEM 75XE R1 V2 OR V3
LIST M16()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	SYSTEM 85 R2 V2 OR V3
LIST M17()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	SYSTEM 85 R2 V4
MH()	-X-	-X-	-X-	-X-	-X-	-X-	-X-	
LIST M1()	N/A	-X-	-X-	-X-	-X-	N/A	N/A	
LIST M2()	-X-	-X-	-X-	-X-	-X-	N/A	N/A	
LIST M10()	N/A	N/A	N/A	N/A	N/A	-X-	N/A	
LIST M11()	-X-	-X-	-X-	-X-	-X-	-X-	-X-	
LIST M12()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	DIMENSION PBX
LIST M13()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	DEFINITY G1,G2
LIST M14()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	SYSTEM 75 R1 V1,V2,V3
LIST M15()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	SYSTEM 75XE R1 V2 OR V3
LIST M16()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	SYSTEM 85 R2 V2 OR V3
LIST M17()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	SYSTEM 85 R2 V4
MI()	-X-	-X-	-X-	-X-	-X-	-X-	-X-	
LIST M1()	N/A	-X-	-X-	-X-	-X-	N/A	N/A	
LIST M2()	-X-	-X-	-X-	-X-	-X-	N/A	N/A	
LIST M10()	N/A	N/A	N/A	N/A	N/A	-X-	N/A	
LIST M11()	-X-	-X-	-X-	-X-	-X-	-X-	-X-	
LIST M12()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	DIMENSION PBX
LIST M13()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	DEFINITY G1,G2
LIST M14()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	SYSTEM 75 R1 V1,V2,V3
LIST M15()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	SYSTEM 75XE R1 V2 OR V3
LIST M16()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	SYSTEM 85 R2 V2 OR V3
LIST M17()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	SYSTEM 85 R2 V4
MJ()	-X-	-X-	-X-	-X-	-X-	-X-	-X-	
LIST M1()	N/A	-X-	-X-	-X-	-X-	N/A	N/A	
LIST M3()	-X-	-X-	-X-	-X-	-X-	N/A	N/A	
LIST M4()	-X-	-X-	-X-	-X-	-X-	N/A	N/A	
LIST M10()	N/A	N/A	N/A	N/A	N/A	-X-	N/A	
LIST M11()	-X-	-X-	-X-	-X-	-X-	-X-	-X-	
LIST M12()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	DIMENSION PBX
LIST M13()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	DEFINITY G1,G2
LIST M14()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	SYSTEM 75 R1 V1,V2,V3
LIST M15()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	SYSTEM 75XE R1 V2 OR V3
LIST M16()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	SYSTEM 85 R2 V2 OR V3
LIST M17()	N/A	N/A	N/A	N/A	N/A	N/A	-X-	SYSTEM 85 R2 V4
MK()	-X-	-X-	-X-	-X-	-X-	N/A	N/A	
LIST M5()	-X-	-X-	-X-	-X-	-X-	N/A	N/A	

AA								
LIST M6()	N/A	-X-	-X-	-X-	-X-	N/A	N/A	
TD								
ML()	N/A	-X-	-X-	-X-	-X-	N/A	N/A	
LIST M7()	N/A	-X-	-X-	-X-	-X-	N/A	N/A	
MM()	N/A	-X-	-X-	-X-	-X-	N/A	N/A	
LIST M8()	N/A	-X-	-X-	-X-	-X-	N/A	N/A	
MN()	N/A	-X-	-X-	-X-	-X-	N/A	N/A	
LIST M7()	N/A	-X-	-X-	-X-	-X-	N/A	N/A	
MO()	N/A	-X-	-X-	-X-	-X-	N/A	N/A	
LIST M9()	N/A	-X-	-X-	-X-	-X-	N/A	N/A	
TS								
MP()	N/A	N/A	-X-	-X-	-X-	N/A	N/A	API ONLY
TSP								
MS(),MT()	-X-	N/A	N/A	N/A	-X-	-X-	N/A	
MU()	-X-	N/A	N/A	N/A	-X-	-X-	N/A	
LIST M18()	-X-	N/A	N/A	N/A	-X-	-X-	N/A	

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