

TABLE A-FEATURES											
EQUIPMENT		RAT- ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA					SD EQUIVALENT		
DESCRIPTION	REF NOTE			QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
EQUIPMENT FOR A PPPMU UNIT. REPL:J5D003FK-1,L500	61		1	SD5D537-01	1						
APPARATUS FOR POWER CKT PACK. (494LA) REPL:NONE	61 62		10	SD5D537-01	2						
APPARATUS FOR COMMON RESOURCE PACK. (SN634) REPL:NONE	61 62		20	SD5D537-01	4						
APPARATUS FOR 12KHZ CONVERTOR. (SN635) REPL:NONE	54 59 62		30	SD5D537-01	6						
APPARATUS FOR 12KHZ CONVERTOR. (SN636) REPL:NONE	55 59 62		40	SD5D537-01	7						
CONNECTOR ASSEMBLY FOR A.P.R. STRAPPING. REPL:NONE	60		50	SD5D537-01	11						
APPARATUS BLANK 178D. REPL:NONE	57		B1								
APPARATUS BLANK 178B. REPL:NONE	57		B2								
APPARATUS BLANK 178F. REPL:NONE	57		B3								
APPARATUS BLANK 178A. REPL:NONE	57		B4								
FINAL ASSEMBLY KIT TO MOUNT PPPMU IN AN AT&T-NS CABINET E/W A CLASSIC FUSE/FILTER UNIT. REPL:NONE			F1								
FINAL ASSEMBLY KIT TO MOUNT PPPMU IN AN AT&T-NS CABINET E/W A MODULAR FUSE FILTER UNIT. REPL:NONE			F2								
FINAL ASSEMBLY KIT TO MOUNT PPPMU IN AN AT&T-NSI CABINET E/W A CLASSIC FUSE/FILTER UNIT. REPL:NONE			F3								
FINAL ASSEMBLY KIT TO MOUNT PPPMU IN AN AT&T-NSI CABINET E/W A MODULAR FUSE FILTER UNIT. REPL:NONE			F4								

TABLE-A CONTINUED

ENGINEERING NOTES																								
51. INFORMATION FURNISHED PER THIS DRAWING IS IN ACCORDANCE WITH AT&T PRACTICES-NONE.																								
52. THIS DOCUMENT CONTAINS COMPLETE ENGINEERING INFORMATION FOR THE SUBJECT EQUIPMENT. JOB INFORMATION SHALL BE RECORDED BY LIST OR GROUP.																								
54. FOR NL OR COMPATIBLE COUNTRIES.																								
55. FOR SP OR COMPATIBLE COUNTRIES.																								
56. RESERVED.																								
57. THE FOLLOWING APPARATUS BLANKS WILL BE ALWAYS EQUIPPED : 1 X LIST B4 : LEFT SIDE (FRONT VIEW) 1 X LIST B3 : RIGHT SIDE (FRONT VIEW) 1 X LIST B1 : POS 2 1 X LIST B2 : POS 9																								
58. A) POWER CABLING SHALL BE ORDERED FROM ED5D693-10. B) FUSE ASSIGNMENTS ARE MADE PER ED5D693-10.																								
59. EACH CONVERTOR CKT PACK IS EQUIPPED WITH 4 CONVERTORS. A MAX OF 12 CKT PACKS MAY BE EQUIPPED IN THE PPPMU.																								
60. FOR APR, ONE CONNECTOR IS REQUIRED AT EQL POSITION 04-004-109.																								
61. UNIT SHELF, COMMON RESOURCE & POWER PACK ARE ALWAYS REQUIRED.																								
62. DUE TO COST ASPECTS THE ACTUAL PHYSICAL EQL LOCATIONS OF SOME CKT PACKS ARE NOT THE SAME AS THE SOFTWARE INDICATES. BELOW IS THE REFERENCE TABLE OF THESE CIRCUIT PACKS :																								
<table border="1"> <thead> <tr> <th>PHYSICAL EQL LOCATION</th> <th>SOFTWARE EQL LOCATION</th> <th>DESIGNATION STRIP EQL</th> </tr> </thead> <tbody> <tr><td>004</td><td>008</td><td>004/008</td></tr> <tr><td>028</td><td>032</td><td>028/032</td></tr> <tr><td>040</td><td>044</td><td>040/044</td></tr> <tr><td>052</td><td>056</td><td>052/056</td></tr> <tr><td>064</td><td>068</td><td>064/068</td></tr> <tr><td>076</td><td>080</td><td>076/080</td></tr> <tr><td>088</td><td>092</td><td>088/092</td></tr> </tbody> </table>	PHYSICAL EQL LOCATION	SOFTWARE EQL LOCATION	DESIGNATION STRIP EQL	004	008	004/008	028	032	028/032	040	044	040/044	052	056	052/056	064	068	064/068	076	080	076/080	088	092	088/092
PHYSICAL EQL LOCATION	SOFTWARE EQL LOCATION	DESIGNATION STRIP EQL																						
004	008	004/008																						
028	032	028/032																						
040	044	040/044																						
052	056	052/056																						
064	068	064/068																						
076	080	076/080																						
088	092	088/092																						

ISSUE NOTES				
ORIG ISS: 03/09/95 NDD NBR: NDD5D003NW-551 CHANGE CLASS: NEW				
DRAFT: HRM	ENGR: HRM	SUPV: TM	CERTIFIED: 03/09/95	ISSUE: 1
(H7698)TABLE A LIST G3 ADDED. SL ITEM 1220 ADDED.				
ORIG ISS: 03/09/95 NDD NBR: NDD5D003NW-695 CHANGE CLASS: B				
DRAFT: HRM	ENGR: HRM	SUPV: TM	CERTIFIED: 04/12/96	ISSUE: 2
H7861:PROP CODE CHANGED. EN 62 & MN 16 MODIFIED. TABLE D6 COMCODE 847814084 WAS 847452885, AND 847814076 WAS 847452869.				
ORIG ISS: 03/09/95 NDD NBR: NDD5D003NW-759 CHANGE CLASS: ME				
DRAFT: HRM	ENGR: HRM	SUPV: TM	CERTIFIED: 08/08/96	ISSUE: 3

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BT13		
5ESS SWITCHING EQUIPMENT SPECIFICATION FOR FIFTY HZ PERIODIC PULSE METERING UNIT (PPPMU) (IN A 500BH HOUSING)		
DWG SIZE C2	ISSUE 3	
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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
FINAL ASSEMBLY KIT TO MOUNT PPMU IN AN AT&T GLOBAL CABINET E/W A MODULAR FUSE FILTER UNIT. REPL:NONE			F5								
UNIT GUIDE KIT TO MOUNT PPMU IN AN AT&T-NS CABINET. REPL:NONE			G1								
UNIT GUIDE KIT TO MOUNT PPMU IN AN AT&T GLOBAL CABINET. REPL:NONE			G2								
UNIT GUIDE KIT TO MOUNT PPMU IN A AT&T NSI CABINET. REPL:NONE			G3								
END OF TABLE-A											

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5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
FIFTY HZ PERIODIC PULSE METERING UNIT
(PPMU)
(IN A 500BH HOUSING)

DWG SIZE C2
ISSUE 3

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OF 5

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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	847368859		ASSEMBLY, BASE UNIT PPMU			
1010	10	1	103803607	494LA	UNIT, POWER FE CLEI=PWPQ53XA CLEI = PWPQACXA			16
1020	20	1	104047949	SN634	PACK,CIRCUIT CLEI = E5PQ95AA			16
1030	30	1	104047956	SN635	PACK,CIRCUIT CLEI = E5PQ95BA			15 16
1040	40	1	104047964	SN636	PACK,CIRCUIT CLEI = E5PQ99GA			15 16
1050	50	1	406709089		CONNECTOR, PIN SOCKET #6122-114-80310 AT&T-NSNL			14
1100	F1	1	847428406		KIT, FINAL ASSEMBLY			
1110	F2	1	847428414		KIT, FINAL ASSEMBLY			
1120	F3	1	847428422		KIT, FINAL ASSEMBLY			
1130	F4	1	847428430		KIT, FINAL ASSEMBLY			
1140	F5	1	847428448		KIT, FINAL ASSEMBLY			
1200	G1	1	847196763		KIT, MOUNTING UNIT GUIDE FOR 500-U TYPE APP MTG			
1210	G2	1	847286747		KIT, MOUNTING			
1220	G1	1	847706157		KIT, MOUNTING		X	
1300	B1	1	106247034	178D	BLANK, APPARATUS PRNTD WIRING BOARD SPACES			12 13
1310	B2	1	106247018	178B	BLANK, APPARATUS			12 13
1320	B3	1	106247059	178F	BLANK, APPARATUS PRINTED WIRING BOARD SPACES			12 13
1330	B4	1	106247000	178A	BLANK, APPARATUS PRNTD WIRING BOARD SPACES			12 13

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

TABLE D4

TABLE D4 - FUNCTION ITEM/FUNCTIONAL OBJECT/ORDER CODE MAPPING			
FUNCTIONAL ITEM	NOTE	DESCRIPTION	ORDER CODE
APUBPC		AUTO POWER UP BPC	
BPCAPU		BPC AUTO POWER UP	1 406709089
FPPMC		50HZ PPM CONV. CKT	
FPPMC		FPPMU CONVERTOR PACK	1 104047956 104047964
FPPMU500		50HZ PPM UNIT	
FPPMU500		FPPMU FRAME	1 847368859
FPPMUCOM		FPPMU COMMON PACK	1 104047949
FPPMUPSU		FPPMU POWER PACK	1 103803607

SHOP
IN
ST

MANUFACTURING NOTES

- 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 APPARATUS BLANK 178A (0.25 IN) IS LEFT SIDE AND 178F (1.50) IS RIGHT SIDE (FRONT VIEW) HOUSING END FILLERS. OTHER PERMANENTLY LOCATED APPARATUS BLANKS ARE 178D AT EQL 012, AND 178B AT EQL 092.

- X IN ADDITION TO NOTE 12, THE FOLLOWING APPARATUS BLANKS ARE CKT PACK DEPENDENT :

CIRCUIT PACK	LOCATION	APP. BLANK
494LA	004	ALWAYS EQUIPPED CP
SN634	020,028	ALWAYS EQUIPPED CP
SN635,SN636	040,052,064 076,088,104 116,128,140 152,164,176	178D

- X THE AUTO POWER RESTART OPTION NEEDS CONNECTOR ASSEMBLY INSTALLED AT THE FOLLOWING EQL, 004-109.
- X CIRCUIT PACKS EQUIPPED AT EQLS 040, 052, 064, 076, 088, 104, 116, 128, 140, 152, 164, 176 AS DETERMINED BY THE LINE ENGINEER.

- X X DUE TO COST ASPECTS THE ACTUAL PHYSICAL EQL LOCATIONS OF SOME CKT PACKS ARE NOT THE SAME AS THE SOFTWARE INDICATES. THE FOLLOWING TABLE SHOWS THE DIFFERENCES :

PHYSICAL EQL	SOFTWARE EQL	EQL/DESIGN. LABEL
004	008	004/008
028	032	028/032
040	044	040/044
052	056	052/056
064	068	064/068
076	080	076/080
088	092	088/092

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SESS SWITCHING EQUIPMENT
SPECIFICATION FOR
FIFTY HZ PERIODIC PULSE METERING UNIT
(FPPMU)
(IN A 500BH HOUSING)

DWG SIZE
C2

ISSUE
3

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TABLE D5

TABLE D5 - OBJECT/HARDWARE TYPE ATTRIBUTES/ORDER CODE MAPPING						
OBJECT:						
INTERFACE CHARACTERISTICS	MINIMUM US GENERIC	MINIMUM INTL GENERIC	EXCHANGE TYPE	FEATURE/OPTION	COUNTRY CUSTOMER	ORDER CODE
OBJECT: BPCAPU						
		5EE4		APR		406709089
OBJECT: PPPMC						
		5EE4	RISLU		NL	104047956
		5EE4	RISLU		SP	104047964
OBJECT: PPPMU500						
		5EE4	RISLU			847368859
OBJECT: PPPMUCOM						
		5EE4	RISLU			104047949
OBJECT: PPPMUPSU						
		5EE4	RISLU			103803607

TABLE D6

TABLE D6 - NSI TYPE DESIGNATION LABEL		
UNIT ATTRIBUTES		
COUNTRY	OTHER	REFERENCE CODE
NL	PPPMU	847814076
SP	PPPMU	847814084

TABLE D7

TABLE D7 - FRONT NS TYPE DESIGNATION LABEL				
UNIT ATTRIBUTES				
EXCHANGE TYPE	COMMUNITY NUMBER	LINE GROUP NUMBER	REFERENCE TEMPLATE	SHELF #

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	

TABLE D10

TABLE D10 - CIRCUIT PACK ASSIGNMENT TABLE						
EQUIPMENT LOCATION (EQL)	CIRCUIT PACK LIST	ASSGN CODE	SEQ NUMBER	APPARATUS BLANK LIST	POS	NOTE
004-044	30,40	200	1	B3	4	
004-056	30,40	200	2	B3	5	
004-068	30,40	200	3	B3	6	
004-080	30,40	200	4	B3	7	
004-092	30,40	200	5	B3	8	
004-104	30,40	200	6	B3	10	
004-116	30,40	200	7	B3	11	
004-128	30,40	200	8	B3	12	
004-140	30,40	200	9	B3	13	
004-152	30,40	200	10	B3	14	
004-164	30,40	200	11	B3	15	
004-176	30,40	200	12	B3	16	
004-032	20	100		N.A.		
004-008	10	100		N.A.		

TABLE D1

STOCKLIST FOR FASKIT 847428406 ISS: 00199 CERTIFIED			
QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION
1	106282973	151E	STRIP, DESIGNATION OA WD 1, OA LG 24.33 THK. .16
6	840026835		SCREW, TTF SLOTTED HEX, WASHER HD .216-24 X 5/8 TAPPING TYPE (SWAGE FORM) PLATE 289A FINISH
1	100203330	70B	FUSE AMP
1	401922067	KS14174L2	PIN, DESIGNATION NYLON ORANGE
1	845311117		SUPPORT, CABLE ASSEMBLY
0	406500926		LABEL, DESIGNATION OA WD .60 IN X OA LG 24.10 IN TOPLIGHT CORP.

STOCKLIST FOR FASKIT 847428414 ISS: 00199 CERTIFIED			
QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION
1	106282973	151E	STRIP, DESIGNATION OA WD 1, OA LG 24.33 THK. .16
6	840026835		SCREW, TTF SLOTTED HEX, WASHER HD .216-24 X 5/8 TAPPING TYPE (SWAGE FORM) PLATE 289A FINISH

*** CONTINUED ***

** CONTINUED **

TABLE D1

1	406693895	WP91768L108	FUSE, 3.00 AMP FAST ACTING
1	845311117		SUPPORT, CABLE ASSEMBLY
0	406500926		LABEL, DESIGNATION OA WD .60 IN X OA LG 24.10 IN TOPLIGHT CORP.

STOCKLIST FOR PASKIT 847428422 ISS: 00199 CERTIFIED

QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION
1	106282973	151E	STRIP, DESIGNATION OA WD 1, OA LG 24.33 THK. .16
0	406500926		LABEL, DESIGNATION OA WD .60 IN X OA LG 24.10 IN TOPLIGHT CORP.
1	401922067	KS14174L2	PIN, DESIGNATION NYLON ORANGE
1	100203330	70B	FUSE AMP
6	847079860		BOLT, MACHINE HEXAGONAL STEEL 18.10 M6X16
4	847079779		WASHER, TOOTH LOCK CABLE RACK
6	847078912		TUBE, SPRING BLACK
6	847078904		NUT, SPEED ZINC PLATED HEAVY PASSIVATED YELLOW
2	847080421		CABLE, SUPPORT
1	847080439		ROD, HALF ROUND
2	847080413		SCREW, SPECIAL PLAT COUNTERSUNK HEAD

STOCKLIST FOR PASKIT 847428430 ISS: 00199 CERTIFIED

QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION
1	106282973	151E	STRIP, DESIGNATION OA WD 1, OA LG 24.33 THK. .16
0	406500926		LABEL, DESIGNATION OA WD .60 IN X OA LG 24.10 IN TOPLIGHT CORP.
1	406693895	WP91768L108	FUSE, 3.00 AMP FAST ACTING
6	847079860		BOLT, MACHINE HEXAGONAL STEEL 18.10 M6X16
4	847079779		WASHER, TOOTH LOCK CABLE RACK
6	847078912		TUBE, SPRING BLACK
6	847078904		NUT, SPEED ZINC PLATED HEAVY PASSIVATED YELLOW
2	847080421		CABLE, SUPPORT
1	847080439		ROD, HALF ROUND

*** CONTINUED ***

** CONTINUED **

TABLE D1

2	847080413		SCREW, SPECIAL PLAT COUNTERSUNK HEAD
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STOCKLIST FOR PASKIT 847428448 ISS: 00199 CERTIFIED

QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION
1	106282973	151E	STRIP, DESIGNATION OA WD 1, OA LG 24.33 THK. .16
6	901271031		SCREW, HEXAGONAL WASHER #M6X16 PHILLIPS ACR 2
1	406693895	WP91768L108	FUSE, 3.00 AMP FAST ACTING
1	847169208		ROD, ROUND UNIVERSAL SUPPORT ROD (3.0")
0	406500926		LABEL, DESIGNATION OA WD .60 IN X OA LG 24.10 IN TOPLIGHT CORP.

TABLE D2

STOCKLIST FOR UNIT GUIDE KIT 847196763 ISS: 00299 CERTIFIED

QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION
2	847416674		BRACKET, MOUNTING
8	901254490		SCREW, FLAT HEAD .216-24 X 1/2 LG, STEEL 289A ZINC CHRO

STOCKLIST FOR UNIT GUIDE KIT 847286747 ISS: 00299 CERTIFIED

QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION
2	847416674		BRACKET, MOUNTING
8	901274498		SCREW, TRILOBE SCREW, THREAD FORMING, FLAT HEAD QUALITY SCREW & NUT CO.

STOCKLIST FOR UNIT GUIDE KIT 847706157 ISS: 00199 CERTIFIED

QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION
2	847080470		GUIDE, UNITRACK
8	847079894		BOLT, MACHINE HEXAGONAL STEEL 18.10 M6X12
8	847078904		NUT, SPEED ZINC PLATED HEAVY PASSIVATED YELLOW
8	847078912		TUBE, SPRING BLACK

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SESS SWITCHING EQUIPMENT
SPECIFICATION FOR
FIFTY HZ PERIODIC PULSE METERING UNIT
(FPPMU)
(IN A 500BH HOUSING)

DWG SIZE C2 ISSUE 3

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