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TOTAL NUMBER OF SHEETS	4

TABLE D - LIST OF ASSOCIATED REFERENCES

NUMBER	TITLE
ED8C679-30	VPM SHELF ASSY
ED8C681-20	CABLE ASSY

ISSUE NOTES

* CERTIFIED 05/22/87 * JTE * RMD * GJR * 1

ORIGINAL APPROVED VCI-VCR *OR* *RD* *GR* *QC*

ENGINEERING NOTES

51. INFORMATION FURNISHED PER THIS DRAWING IS IN ACCORDANCE WITH ATTP
52. THIS EQUIPMENT IS TO BE MISCELLANEOUSLY MOUNTED IN A ED54804-51 WORLD CLASS BAY FRAMEWORK OR IN A 23 INCH UNEQUAL FLANGE BAY FRAMEWORK PER ED97162-51, ED97162-52 OR ED8C501-50. MOUNT THIS SHELF SUCH THAT A MINIMUM OF ONE INCH OF CLEARANCE IS MAINTAINED BELOW THE SHELF AT ALL TIMES INCLUDING THE SUBSEQUENT MOUNTING OF OTHER SHELVES.
53. THIS EQUIPMENT PROVIDES A TELEMETRY INTERFACE BETWEEN 90C AND/OR 135A AND/OR 135EC LINE TERMINAL BAYS AND G.T.P. FOR THE MONITORING, COLLECTION, AND PROCESSING OF DS3 PARITY VIOLATION PULSES FOR A MAXIMUM OF 64 DS3 SIGNALS PER SHELF.
54. REFER TO ED54804-51, ED97162-51, ED97162-52, OR ED8C501-50 BAY FRAMEWORK SPECIFICATIONS WHEN ORDERING A BAY FRAME AND/OR FOR SUPPLEMENTARY FRAMEWORK DETAILS.
55. OPTIONAL ELECTROSTATIC DISCHARGE (ESD) WRIST STRAPS (E/W CORD AND PLUG) ARE AVAILABLE TO AID IN THE PREVENTION OF DAMAGE TO ELECTRICAL COMPONENTS BY ESD.
2212 WRIST STRAP (MEDIUM) (901011312)
2213 WRIST STRAP (LARGE) (901011320)
56. IN TABLE A, CIRCUIT FEATURES SHOWN IN PARENTHESES INDICATE THAT THE FIGURE, WIRING OR APPARATUS IS FURNISHED ELSEWHERE AND NOT AS PART OF THE LIST CONNECTED WITH THE FEATURE SHOWN IN PARENTHESES.
57. THE LINE ENGINEER SHALL INSTRUCT THE INSTALLER WHEN INSTALLING THE ED8C681-20, GROUP 1 AND/OR GROUP 2 CABLE ASSEMBLIES IN THE "VPM INTERFACE" AREA OF THIS EQUIPMENT, TO PLACE THE 963M INSULATION DISPLACEMENT CONNECTOR (FASTECH), PART OF THE CABLE ASSEMBLIES, WITH THE GREY PORTION OF THE CONNECTOR TO THE RIGHT WHEN INSERTING INTO THE 12A RETAINER, PART OF THE SHELF, IF IT BECOMES NECESSARY TO REMOVE A CONNECTOR, THE INSTALLER SHOULD PLACE A THIN BLADE SCREWDRIVER BETWEEN THE BLACK PORTION OF THE FASTECH CONNECTOR AND THE 12A RETAINER AND TURN THE SCREWDRIVER GENTLY TO RELEASE THE CABLE ASSEMBLY.
58. THE LINE ENGINEER SHALL INSTRUCT THE INSTALLER TO WRITE ON THE "DS3 PORT ASSIGNMENT" LABEL THE PORT ASSIGNED AND ON LABEL OF ED8C681-20 GROUP 1 AND/OR 2, THE CHANNEL () AND RAIL () ASSIGNMENT FOR SYSTEM ().
59. SPARING RECOMMENDATIONS FOR THE CIRCUIT PACKS, MICROCODED CIRCUIT PACKS AND POWER UNITS ARE AS FOLLOWS
AMR118 -ONE FOR EVERY FOUR EQUIPPED
MC45084A1 -ONE FOR ONE
MC45085A1 -ONE FOR ONE
471B1 -ONE FOR ONE
474B1 -ONE FOR ONE
60. OPTION B SHALL BE USED FOR FIRST LIST 4, OPTION C FOR THE SECOND, OPTION D FOR THE THIRD AND SO ON, UP TO A MAXIMUM OF SEVEN LIST 4.

TABLE A - FEATURES

DESCRIPTION	REF NOTE	RAT- ING	OR GROUP	LIST OR QUANTITY	EQUIPMENT OR CIRCUIT	LIST, GROUP OR FIG	WRG APP	SCHMATIC	FIG	OPT	SD EQUIVALENT	
											FIG	OPT
ASSEMBLY, WIRING AND COMMON EQUIPMENT FOR ONE VIOLATION PULSE MONITOR (VPM) SHELF ASSEMBLY WHICH PROVIDES MONITORING OF DS3 PARITY VIOLATION PULSES FOR A MAXIMUM OF 64 DS3 SIGNALS. (EQUIPPED TO MONITOR 8 DS3 SIGNALS) (SEE NOTES 52, 53 & 59)			1	1	T7C536-50 ED8C679-30	1 G1					1 1 1 1 1 1 1 1	*Y* *Y* *Y* *Y* *Y* *Y* *Y* *Y*
EQUIPMENT REQUIRED IN ADDITION TO LIST 1 WHEN THE SHELF ASSEMBLY IS POWERED BY A -24 VOLT BATTERY SUPPLY. (DO NOT ORDER WITH LIST 3) (SEE NOTE 59)			2	1	T7C536-50 ED8C679-30	(1) G2	Z				2 2 2 2	
EQUIPMENT REQUIRED IN ADDITION TO LIST 1 WHEN THE SHELF ASSEMBLY IS POWERED BY A -48 VOLT BATTERY SUPPLY. (DO NOT ORDER WITH LIST 2) (SEE NOTE 59)			3	1	T7C536-50 ED8C679-30	(1) G3	Y				3 3 3 3	
EQUIPMENT REQUIRED IN ADDITION TO LIST 1 TO PROVIDE INTERFACE FOR 8 ADDITIONAL DS3 SIGNALS. (MAXIMUM 7-LIST 4) (SEE NOTES 59 & 60)			4	1	T7C536-50	(1)	B,C D,E F,G OR H				4 4 4 4	

TABLE C - WIRING PROVIDED BY INSTALLER

CIRCUIT NAME	SCHEMATIC	WIRING DIAGRAM	FIG	OPT	WIRED	NOTE	REMARKS
INSTALLER							

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COMMON SYSTEMS
DIGITAL RADIO
SPECIFICATION FOR
VIOLATION PULSE MONITOR
SHELF ASSEMBLY

DRAWING-ID J98779A-1
ISSUE 1

AT&T RATING
DIST CODE 1N52

SHEET 1

DWG SIZE X8S

TABLE C - WIRING PROVIDED BY INSTALLER

CIRCUIT NAME	SCHEMATIC	WIRING DIAGRAM	FIG	OPT	WIRED	NOTE	REMARKS
135A/EC LINE	SD7C425-01	T7C425-30					
TERM CKT							
90C LINE TERM	SD54535-01	T54535-30					
CKT							

SHOP INST

MANUFACTURING NOTES

- () INDICATES DESIGNATIONS TO BE STAMPED IN ACCORDANCE WITH JOB INFORMATION.
- * / 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 ITEM WHEN FIELD MOUNTED.
- < > INDICATES DESIGNATIONS WHICH ARE PROVIDED IN ACCORDANCE WITH OTHER INFORMATION.
- * 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.

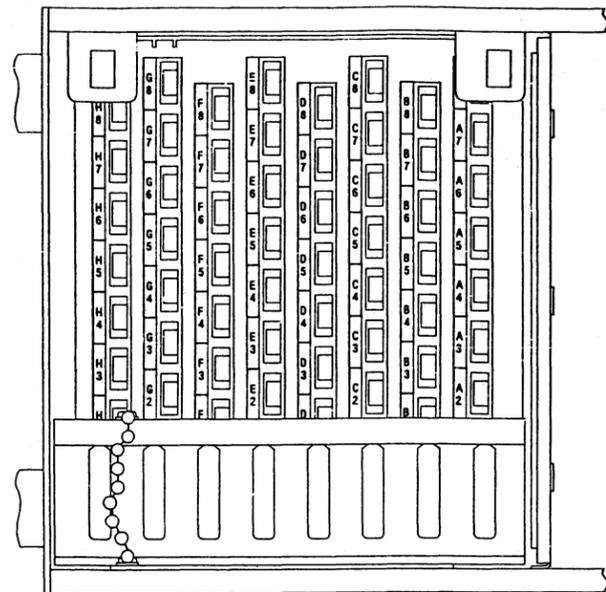
STOCK LIST

ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE SYM NBR
100	1	1	ED8C679-30,61		SHELF ASSY,VPM WIRED		
105	2	1	ED8C679-30,62		SHELF ASSY,VPM WIRED		
110	3	1	ED8C679-30,63		SHELF ASSY,VPM WIRED		
300	3	1	845818053		LABEL, DESIGNATION		
305	2	1	845818061		LABEL, DESIGNATION		
310	1	1	845818079		LABEL, DESIGNATION		
500	1,4	1	104025622	AMR118	PACK,CIRCUIT		
510	1	1	105229595	MC45084A1	PACK,CIRCUIT, MICROCODED CLEI = DRPQ0PPAXX		
520	1	1	105229603	MC45085A1	PACK,CIRCUIT, MICROCODED CLEI = DRMQ0D2AXX		
530	2	1	103825345	471BA	UNIT, POWER CLEI = PMPQ74GAXX		
540	3	1	103821435	4748A	UNIT, POWER CLEI = PMPQ73ZAXX		
550	1	7	103819983	155C	BLANK, APPARATUS		
560	4	1	103819983	155C	BLANK, APPARATUS		
600	1	1	105355705	P422-600-100AC	DOCUMENT, VIOLATION PULSE MONITOR USER MANUAL		* /
900	1	4	803535012	P353501	SCREW, SPECIAL ROUND HEAD MACHINE .216-24 X 5/16 STEEL 289A FINISH		* /

MISCELLANEOUS TABLES

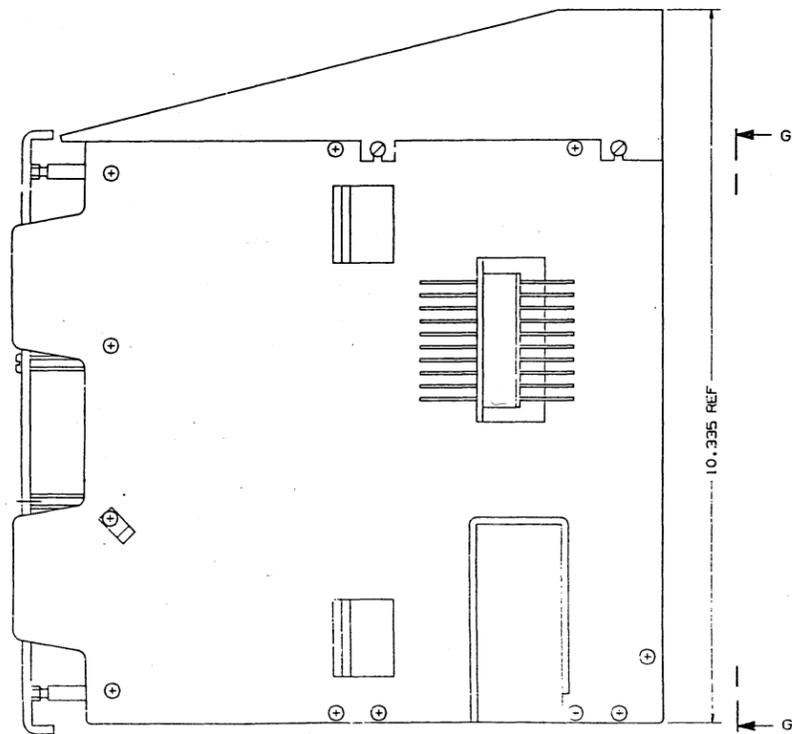
SHEET INDEX	01000	ISSUE
SHEET NUMBER		
1		1
2		1
3		1
4		1

{ 505 1 | 846016517 LABEL }



(DESIGNATIONS IN THIS VIEW ARE PROVIDED
IN ACCORDANCE WITH OTHER INFORMATION)
(PARTIAL FRONT VIEW COVER REMOVED)

(SEE NOTE 58)
VIEW G-G



(LEFT SIDE VIEW)
VIEW A-A

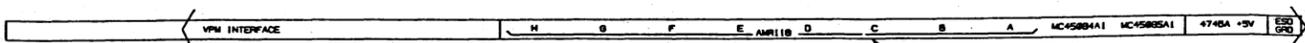
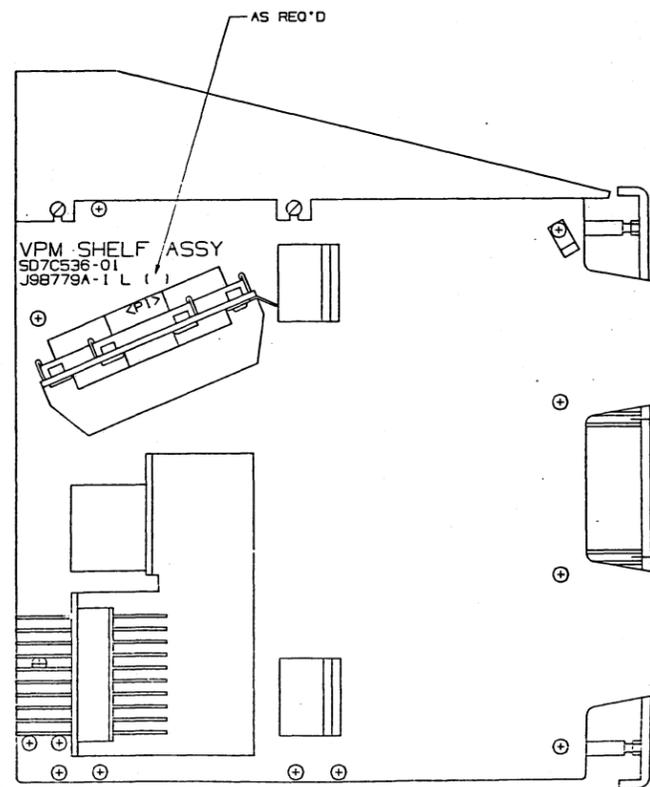


FIG B

845818053
DESIGNATION LABEL
REF



(RIGHT SIDE VIEW)
VIEW C-C

ISSUE 2
896016517 LABEL

CAUTION RELEASE CABLE BY PLACING THE BLADE WITHIN THE BLADE PORTION OF CONNECTOR AND RETAINING THE TWIN SCREWS UNTIL THE CABLE IS REMOVED

DS3 PORT ASSIGNMENT			
PORT	CHAN	RAIL	SYSTEM
A1			E1
A2			E2
A3			E3
A4			E4
A5			E5
A6			E6
A7			E7
A8			E8
B1			F1
B2			F2
B3			F3
B4			F4
B5			F5
B6			F6
B7			F7
B8			F8
C1			G1
C2			G2
C3			G3
C4			G4
C5			G5
C6			G6
C7			G7
C8			G8
D1			H1
D2			H2
D3			H3
D4			H4
D5			H5
D6			H6
D7			H7
D8			H8

(DESIGNATIONS IN THIS VIEW ARE
PROVIDED IN ACCORDANCE WITH OTHER INFORMATION)

(COVER IN OPEN POSITION)
(SEE NOTE 59)
FIG A

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VIOLATION PULSE MONITOR SHELF ASSEMBLY	DWG SIZE X85	ISSUE 1
	SHEET NO.	

AT&T TECHNOLOGIES, INC. J98779A-1