

SHEET INDEX

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OPTION INDEX

APP OR HRG	RATED ON ISSUE	REF NOTES	LOCATION

DWG ISSUE	CD ISSUE	DATE ISSUED	DRAWN	APPD
/	/	11-01-90		

SUPPORTING INFORMATION

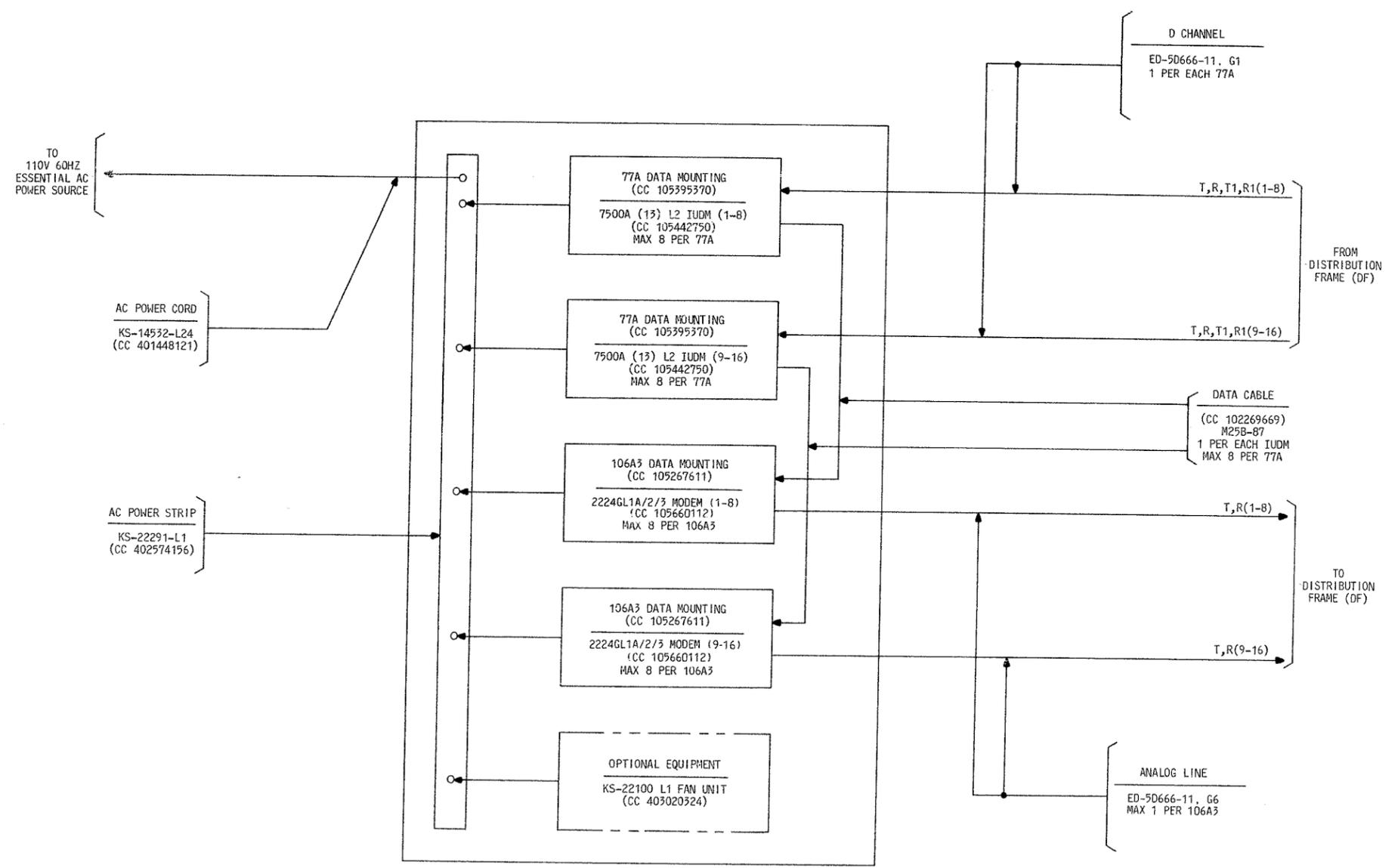
CATEGORY	NO.	Copyright © 1990 AT&T All Rights Reserved	
		BT15	
		5ESS® SWITCHING EQUIPMENT INTERNATIONAL MODEM POOLING CABINET APPLICATION SCHEMATIC	
		DWG SIZE 6S	ISSUE /
AT&T	SD-5X220-01	SHEET A1 OF 6	

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# AS 1

INTERNATIONAL MODEM  
POOLING CABINET  
J5X100A



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INTERNATIONAL MODEM POOLING CABINET		DWG SIZE	ISSUE
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CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
BATTERY SYMBOL		VOLTAGE RANGE	

102.

NETWORK VALUES			
NETWORK		RESISTANCE IN OHMS	CAPACITANCE IN UF
NO.	CODE		

EQUIPMENT NOTES:

- 201. THE INTERNATIONAL MODEM POOLING CABINET IS A STANDARD 5ESS 6 FOOT HIGH CABINET. THE CABINET IS A STAND-ALONE CABINET (NOT INCLUDED IN THE 5ESS LINE UP) AND THEREFORE THE FRAME IS FULLY ENCLOSED.
- 202. J5X100A PROVIDES INFORMATION FOR THE INTERNATIONAL MODEM POOLING CABINET (IMPC). THE CABINET IS EQUIPPED IN ACCORDANCE WITH OFFICE REQUIREMENTS. J5X100A PROVIDES THE NECESSARY LIST STRUCTURE FOR ORDERING.
- 203. THE CABINET IS EQUIPPED WITH A SOLID FRONT DOOR AND PERFORATED REAR DOOR.
- 204. A 77A DATA MOUNTING WILL HOUSE FROM 1 TO A MAXIMUM OF 8 7500A (13) L2 INTERNATIONAL UNIVERSAL DATA MODULES (IUDM). THE DATA MOUNTING IS EQUIPPED WITH IUDM'S PER OFFICE REQUIREMENTS. A MAXIMUM OF 2 77A DATA MOUNTINGS CAN BE HOUSED IN THE J5X100A CABINET.
- 205. A 106A3 DATA MOUNTING WILL HOUSE FROM 1 TO A MAXIMUM OF 8 2224G L1/2/3 MODEMS. THE DATA MOUNTING IS EQUIPPED WITH MODEMS PER OFFICE REQUIREMENTS. A MAXIMUM OF 2 106A3 DATA MOUNTINGS CAN BE HOUSED IN THE J5X100A CABINET.
- 206. PROVISIONS ARE MADE IN THE CABINET TO HOUSE A BLOWER ASSEMBLY (FAN UNIT) AS AN OPTIONAL FEATURE.
- 207. PROVISIONS ARE MADE IN THE CABINET TO PROVIDE SHELF ASSEMBLIES TO SUPPORT CUSTOMER PROVIDED STAND-ALONE MODEMS.
- 208. AN AC POWER STRIP AND AC POWER CORD IS PROVIDED WITH EACH CABINET.
- 209. AC POWER IS PROVIDED TO THE CABINET FROM THE PLANT AC 110V 60HZ ESSENTIAL POWER SOURCE.
- 210. THE 77A DATA MOUNTING AND THE 106A3 DATA MOUNTING ARE PROVIDED WITH A 110V 60HZ POWER SUPPLY AND AC POWER CORD.
- 211. ALARM INDICATORS ARE SELF CONTAINED IN THE 7500A (13) L2 IUDM AND THE 2224G L1/2/3 MODEM. SCAN POINTS ARE NOT PROVIDED TO MONITOR THE STATUS OF THE IUDM AND MODEMS IN A 5ESS ENVIRONMENT.
- 212. CABLE REQUIREMENTS:
 

FROM-TO	QTY	CODE
IUDM TO DF	1 PER IUDM	ED-50621-11, G61
IUDM TO 106A3 MTG	1 PER IUDM	102269669(M25B-87)
106A3 MTG TO DF	1 PER MTG	ED-50621-11, G62
- 213. A 2224G MODEM USER'S MANUAL, ISSUE 1, DOCUMENT NO. 999-100-295, IS PROVIDED WITH EACH MODEM. THE DESCRIPTION OF HOW TO SET THE HARDWARE OPTIONS FOR THE MODEM AND DATA MOUNTING IS FOUND IN THE MANUAL.  
  
FOR SPECIFIC SWITCH SETTINGS, AS THEY APPLY TO THE MODEM POOLING FEATURE, REFER TO "INSTALLATION PROCEDURES HANDBOOK" DOCUMENT NO. 555 (IPH-555).
- 214. A USER'S MANUAL "INTEGRATED SERVICES DIGITAL NETWORK", ISSUE 1, DOCUMENT NO. 555021703, IS PROVIDED WITH EACH IUDM. THE DESCRIPTION OF HOW TO SET THE HARDWARE OPTIONS FOR THE IUDM IS FOUND IN THE MANUAL.  
  
FOR SPECIFIC SWITCH SETTINGS, AS THEY APPLY TO THE MODEM POOLING FEATURE, REFER TO "INSTALLATION PROCEDURES HANDBOOK" DOCUMENT NO. 555 (IPH-555).

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INFORMATION NOTES:

301. UNLESS OTHERWISE SPECIFIED:  
RESISTANCE VALUES ARE IN OHMS  
CAPACITANCE VALUES ARE IN MICROFARADS  
VALUES PRECEDED BY THE SYMBOL +  
(PLUS) OR - (MINUS) ARE IN VOLTS.

302.

FEATURE OR OPTION	PROVIDE		
	APP FIG.	APP OR WRG	QUANTITY

303.

RECORD OF FIGURES, WIRING AND APPARATUS CHANGES					
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT	
				AVAIL	DA

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INTERNATIONAL MODEM POOLING CABINET		
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### CAD 1

IUDM TO DF

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
IUDM (1-16)									
TO ISLU VIA DF	T	CA01	P1	3	T		R		
	R		P1	6			R		
	T1		P2	4			T1		
	R1		P2	5			R1		
	NC			1			NC		
	NC			2			NC		
TO ISLU VIA DF	NC	CA01		7			NC		
				8			NC		

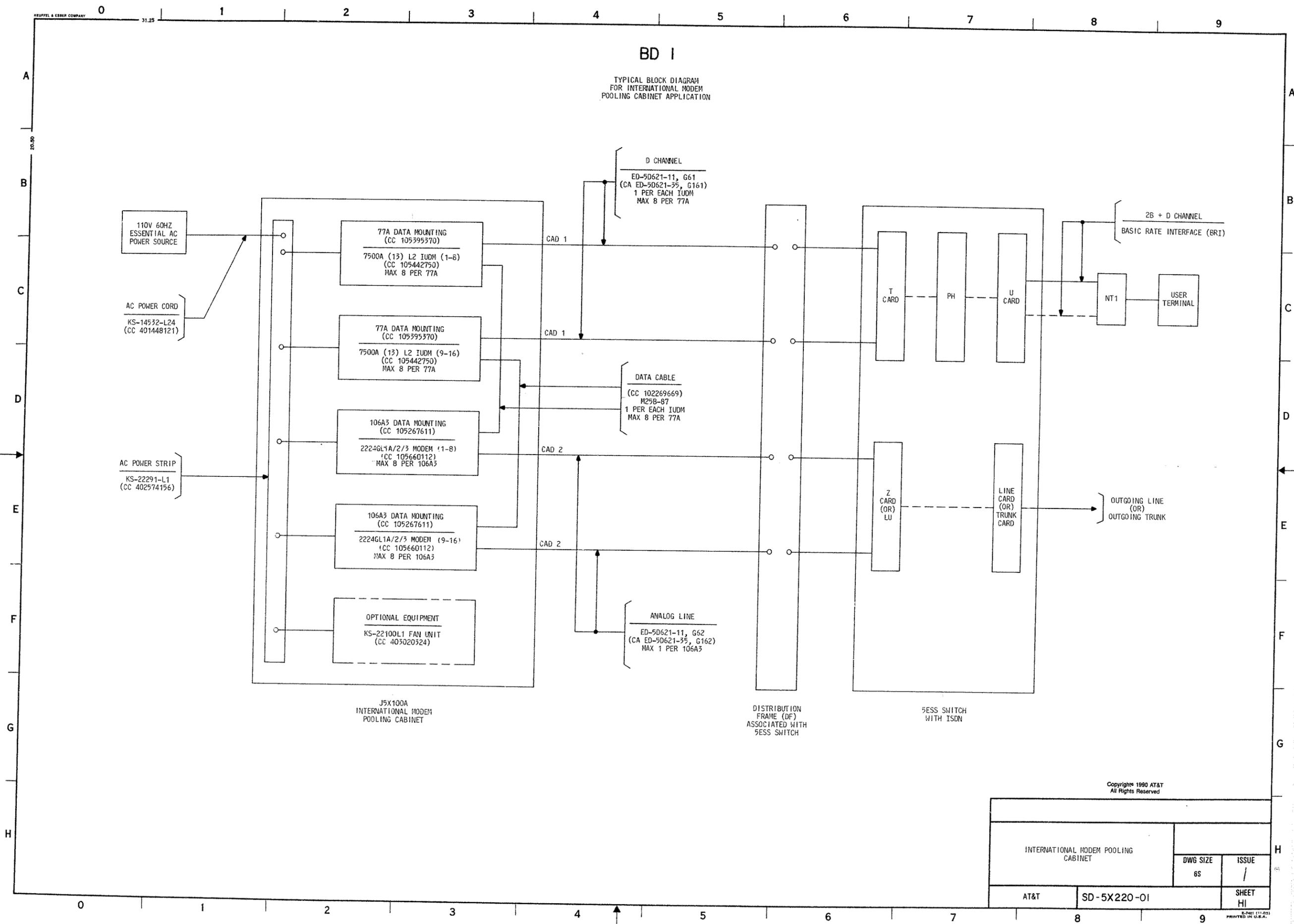
### CAD 2

106A3 DATA MOUNTING TO DF

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
106A3 DATA MOUNTING (1-8)(9-16)									
TO ISLU VIA DF	R1	CA02	P1	1	R1		R1		
	R2		P2	2			R2		
	R3		P3	3			R3		
	R4		P4	4			R4		
	R5		P5	5			R5		
	R6		P6	6			R6		
	R7		P7	7			R7		
	R8		P8	8			R8		
	T1		P1	26			T1		
	T2		P2	27			T2		
	T3		P3	28			T3		
	T4		P4	29			T4		
	T5		P5	30			T5		
	T6		P6	31			T6		
TO ISLU VIA DF	T7	CA02	P7	32			T7		
	T8		P8	33			T8		

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INTERNATIONAL MODEM POOLING CABINET		
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