

40-TYPE CABINETS HARDWARE AND MATERIALS

	CONTENTS	PAGE	
1.	GENERAL	1	strips with environmental shields. Due to extensive changes, arrows ordinarily used to indicate changes have been omitted.
2.	CODING	2	
3.	ORDERING INFORMATION	6	1.03 The following Sections cover the use of the 40-type cabinets.
	Serving Area Interface (SAI)	6	
	Rural Aerial Interface (RAI)	11	
	Cross-Connect Application	18	
	CONECS	21	
1.	GENERAL		
1.01	This section covers the coding scheme and ordering information for the 40-type cabinets and associated 76- and 108-type terminal blocks used to fulfill a variety of outside plant applications.		631-600-228 40-Type Cabinet—Description and Installation
1.02	This section is reissued to introduce the fully encapsulated 40-type units and designation		631-600-229 40-Type Cabinet—Installation of 76-Type Terminal Block
			631-600-230 40-Type Cabinet—Installation of 88-Type Terminal Block
			631-600-231 40-Type Cabinet—Installation of 108-Type Terminal Block
			462-250-106 40-Type Cabinet—Wiring

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement

2. CODING

2.01 The following coding scheme covers the bare cabinet:

Note: Not all combinations are available.

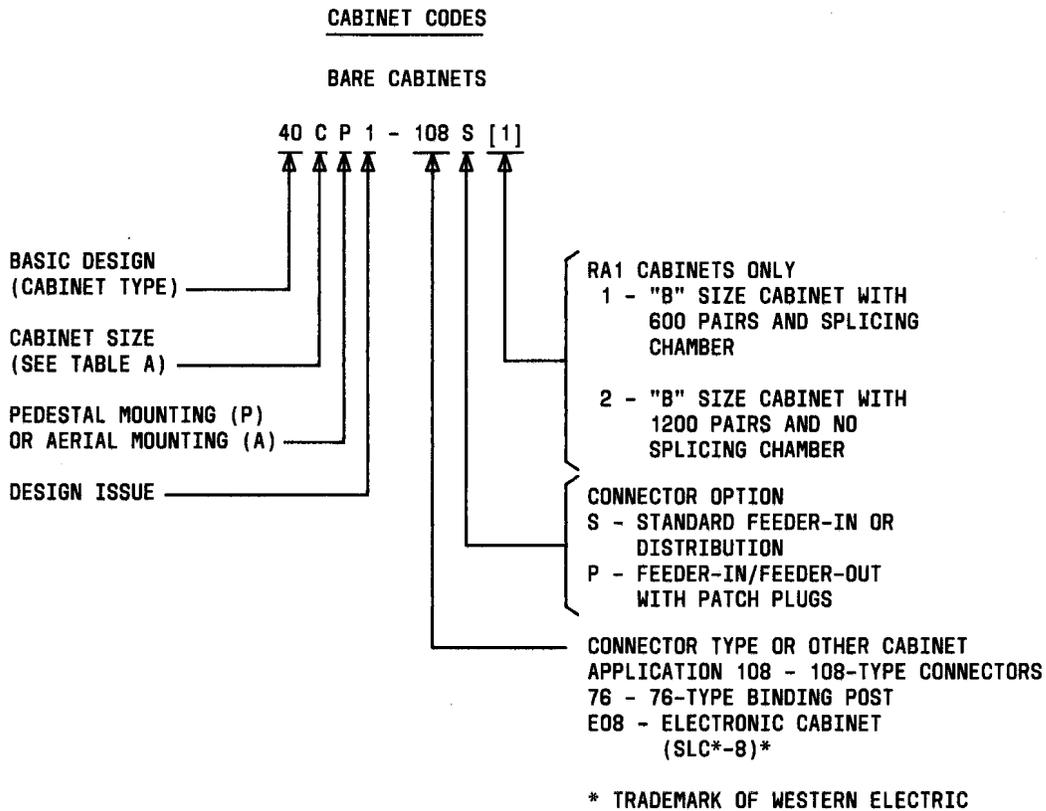
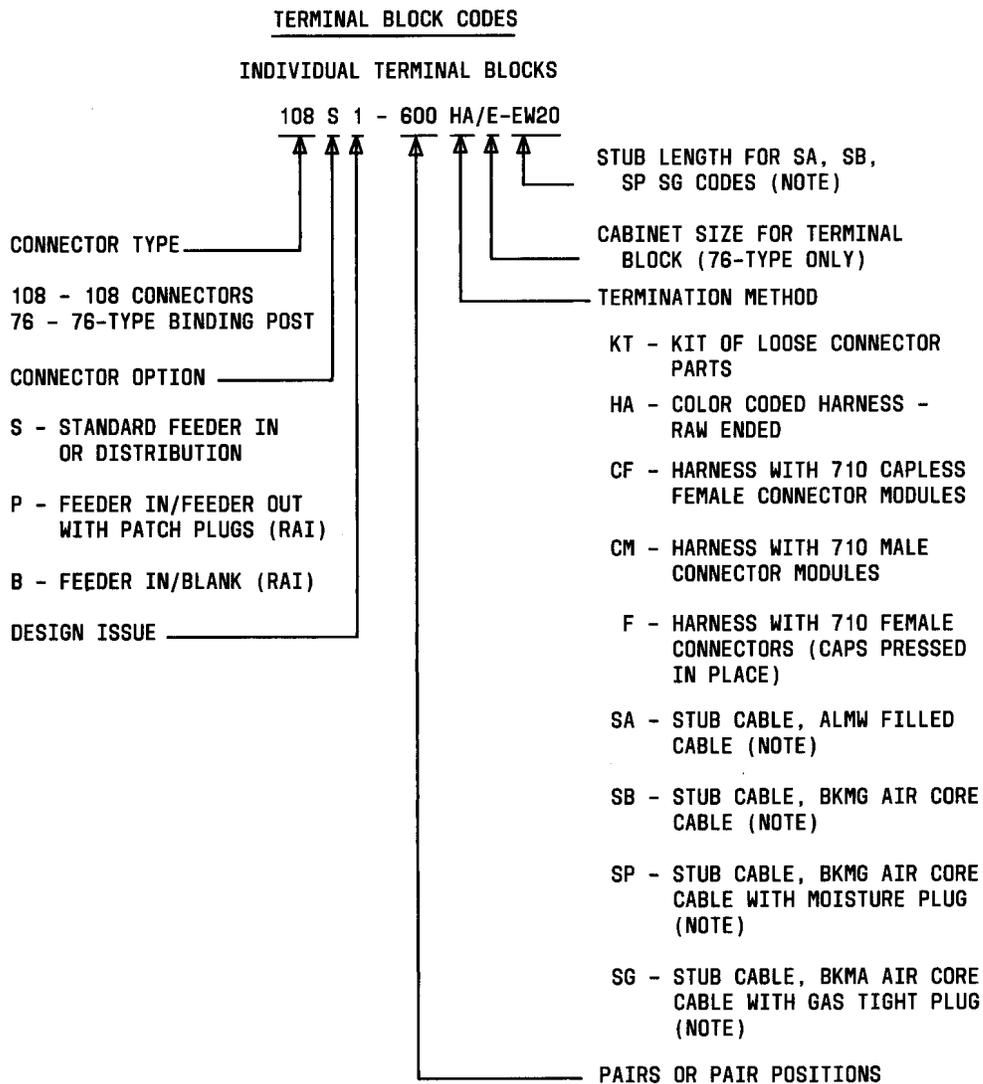


TABLE A
40-TYPE CABINET SIZES

40-TYPE CABINET	PEDESTAL MOUNTING			POLE OR WALL MOUNTING		
	HEIGHT	WIDTH	DEPTH	HEIGHT	WIDTH	DEPTH
A	43	15	12	30	15	12
B	43	24	12	30	24	12
C	43	33	12	30	33	12
D	54	33	12	41	33	12
E	54	40	12			
F	68	40	12			

2.02 The following coding scheme covers the terminal blocks for installation in cabinet:

Note: Not all combinations are available.

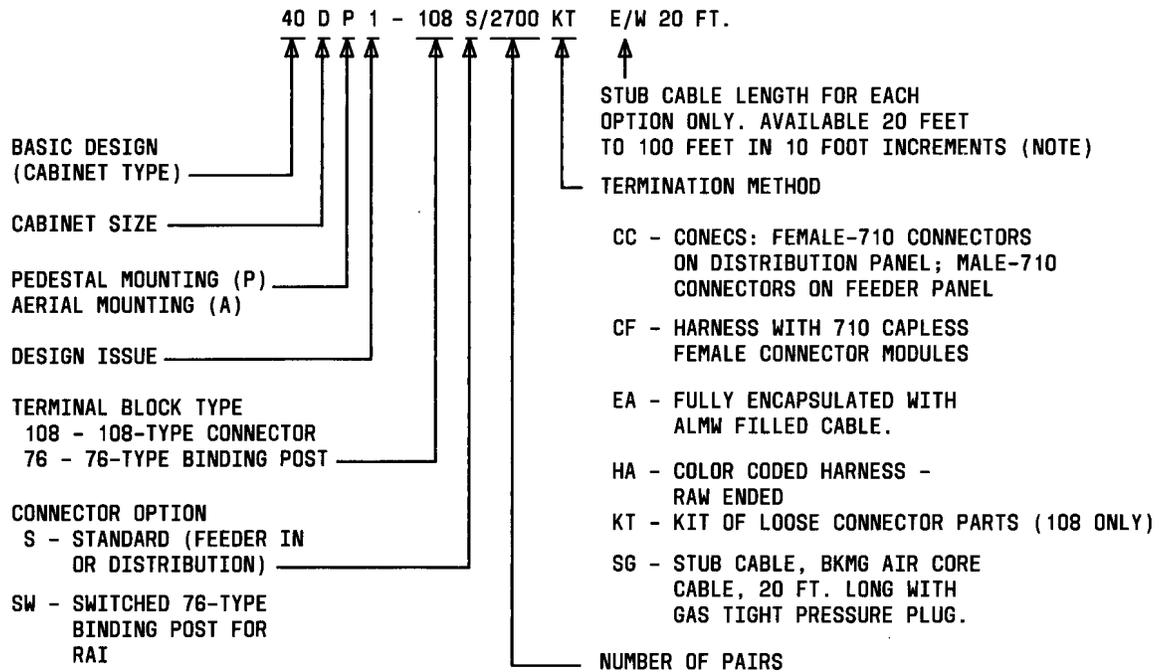


NOTE:
AVAILABLE IN 20- TO 100-FOOT LENGTHS IN 10-FOOT INCREMENTS TO BE SPECIFIED ON ORDER AS E/W XX FT. STUB. LENGTH OF STUB IS MEASURED FROM EDGE OF CABINET TO END OF STUB CABLE.

2.03 The following coding scheme covers the options of the basic 40-type cabinet equipped with terminal blocks:

Note: Not all combinations are available.

40-TYPE CABINET EQUIPPED WITH TERMINAL BLOCKS



NOTE:
LENGTH OF STUB IS MEASURED FROM EDGE OF CABINET TO END OF STUB CABLE.

3. ORDERING INFORMATION

(b) Tables E, F, and G list the hardware associated with 76-type binding post.

Serving Area Interface (SAI)

3.01 Hardware for field construction of a serving area interface (SAI) is listed as follows:

(a) Tables B, C, and D list the hardware associated with 108-type connecting blocks.

TABLE B

40-TYPE CABINETS TO HOUSE SEPARATELY ORDERED 108-TYPE TERMINAL BLOCKS FOR SAI APPLICATION

CABINET (Note)	CAPACITY (PAIRS)	NUMBER OF DESIGNATION STRIPS FURNISHED WITH CABINET
40CA1-108S	1200	1—188RG1-400 Designation Strips (Green) 1—188RB1-800 Designation Strips (Blue)
40CP1-108S	1200	
40CA1-108S	1800	1—188RG1-600 Designation Strips (Green) 1—188RB1-1200 Designation Strips (Blue)
40CP1-108S	1800	
40DA1-108S	2700	1—188RG1-900 Designation Strips (Green) 1—188RB1-1800 Designation Strips (Blue)
40DP1-108S	2700	

Note: These cabinet codes are furnished with:

- F cross-connect wire (2 spools.)
- D test cords AT-8662D (2)
- 788N1 tool — insertion-cutoff tool
- Instruction sheets for cabinet installation
- Aerial cabinets — furnished with three sealing glands (842176844).

TABLE C

**108-TYPE TERMINAL BLOCKS FOR INSTALLATION
IN SEPARATELY ORDERED 40-TYPE CABINETS
FOR SAI APPLICATION**

TERMINAL BLOCK	INSTALL IN
108S1-400 CF 108S1-400 CM 108S1-400 F 108S1-400 HA 108S1-400 KT 108S1-400 SA-20 (Note) 108S1-400 SB-20 (Note) 108S1-400 SP-20 (Note)	C-Size Cabinet 3 Panels 400 Pairs each for a total of (1200 pairs)
108S1-600 CF 108S1-600 CM 108S1-600 F 108S1-600 HA 108S1-600 KT 108S1-600 SA-20 (Note) 108S1-600 SB-20 (Note) 108S1-600 SP-20 (Note)	C-Size Cabinet 3 Panels 600 Pairs each for a total of (1800 pairs)
108S1-900CF 108S1-900 CM 108S1-900 F 108S1-900 HA 108S1-900 KT 108S1-900 SA-20 (Note) 108S1-900 SB-20 (Note) 108S1-900 SP-20 (Note)	D-Size Cabinet 3 Panels 900 Pairs each for a total of (2700 pairs)

Note: -20 specifies stubs length for SA, SB, and SP codes. Stubs are available in 20-to 100-foot lengths in 10-foot increments. Length of stub is measured from edge of cabinet to end of stub cable.

TABLE D

**40-TYPE CABINETS FULLY EQUIPPED WITH
108-TYPE TERMINAL BLOCKS FOR SAI APPLICATION**

CABINET	EQUIPPED WITH TERMINAL BLOCKS (Note 1)
40CA1-108S/1200 CC	(3) 108S1-400*
40CA1-108S/1200 CF	(3) 108S1-400 CF
40CA1-108S/1200 HA	(3) 108S1-400 HA
40CA1-108S/1200 KT	(3) 108S1-400 KT
40CP1-108S/1200 CC	(3) 108S1-400*
40CP1-108S/1200 CF	(3) 108S1-400 CF
40CP1-108S/1200 HA	(3) 108S1-400 HA
40CP1-108S/1200 KT	(3) 108S1-400 KT
40CA1-108S/1800 CC	(3) 108S1-400*
40CA1-108S/1800 CF	(3) 108S1-600 CF
40CA1-108S/1800 HA	(3) 108S1-600 HA
40CA1-108S/1800 KT	(3) 108S1-600 KT
40CP1-108S/1800 CC	(3) 108S1-600*
40CP1-108S/1800 CF	(3) 108S1-600 CF
40CP1-108S/1800 HA	(3) 108S1-600 HA
40CP1-108S/1800 KT	(3) 108S1-600 KT
40DA1-108S/2700 CC	(3) 108S1-900*
40DA1-108S/2700 CF	(3) 108S1-900 CF
40DA1-108S/2700 HA	(3) 108S1-900 HA
40DA1-108S/2700 KT	(3) 108S1-900 KT
40DP1-108S/2700 CC	(3) 108S1-900*
40DP1-108S/2700 CF	(3) 108S1-900 CF
40DP1-108S/2700 HA	(3) 108S1-900 HA
40DP1-108S/2700 KT	(3) 108S1-900 KT

Note 1: (3) Indicates number of terminal blocks in cabinet.

* Male 710 connectors on feeder panel (center) and female 710 connectors on distribution panels (left and right).

TABLE E

**40-TYPE CABINETS TO HOUSE SEPARATELY ORDERED
76-TYPE TERMINAL BLOCK FOR SAI APPLICATION**

CABINET	CAPACITY PAIRS	HARDWARE FURNISHED WITH CABINETS
40EP1-76S	1200 or 1800	(2) Test cords (2) Spools of G cross- connect wire
40FP1-76S	2700	Blue and Green numbers instructional decals
40HA1-76S	1800	(10) Spare binding post screws and washers (25) Spare binding post insula- tors Instruction sheets (12) Wire Trough Finger*

* Wire trough fingers furnished only with 40FP1-76S cabinet.

TABLE F

**76-TYPE TERMINAL BLOCKS FOR INSTALLATION IN
SEPARATELY ORDERED 40-TYPE CABINETS FOR
SAI APPLICATION**

TERMINAL BLOCK	INSTALL IN
76S1-100 HA	Any size cabinet for repair or to expand capacity of an underfilled cabinet
76S1-300 CF/A 76S1-300 CM/A 76S1-300 HA/A 76S1-300 SA/A 76S1-300 SB/A 76S1-300 SG/A 76S1-300 SP/A	A-size cabinet 1 panel 300 pairs (maximum) for A-size cabinet
76S1-400 CF/A 76S1-400 CM/A 76S1-400 HA/A 76S1-400 SA/A 76S1-400 SB/A 76S1-400 SG/A 76S1-400 SP/A 76S1-400 CF/E 76S1-400 CM/E 76S1-400 F/E 76S1-400 HA/E 76S1-400 SA/E 76S1-400 SB/E 76S1-400 SP/E	A-size cabinet 1 panel 400 pairs (maximum) for A-size cabinet E-size cabinet 3 panels 400 pairs each for a total of (1200 pairs) for E-size cabinet.
76S1-600 CF/E 76S1-600 CM/E 76S1-600 F/E 76S1-600 HA/E 76S1-600 SA/E 76S1-600 SB/E 76S1-600 SP/E	E-size cabinet or 3 panels 600 pairs each for a total of (1800 pairs) for E-size cabinet.
76S1-900 CF/F 76S1-900 CM/F 76S1-900 F/F 76S1-900 HA/F 76S1-900 SA/F 76S1-900 SG/F	F-size cabinet 3 panels 900 pairs each for a total of (2700 pairs)

TABLE G

**40-TYPE CABINETS FULLY EQUIPPED WITH
76-TYPE TERMINAL BLOCKS FOR SAI APPLICATION**

CABINET	EQUIPPED WITH TERMINAL BLOCKS
40EP1-76S/1200 CC	(3) 76S1-400*/E
40EP1-76S/1200 CF	(3) 76S1-400 CF/E
40EP1-76S/1200 HA	(3) 76S1-400 HA/E
40EP1-76S/1800 CC	(3) 76S1-600*/E
40EP1-76S/1800 CF	(3) 76S1-600 CF/E
40EP1-76S/1800 HA	(3) 76S1-600 HA/E
40FP1-76S/2700 CC	(2) 76S1-900*/F
40FP1-76S/2700 CF	(3) 76S1-900 CF/F
40FP1-76S/2700 HA	(3) 76S1-900 HA/F

* The center panel (feeder) terminated to 710- BC- 25 connector (male) and left and right panel (distribution) are terminated to 710-SC-25 connector (female) with cap assembled.

Rural Area Interface (RAI)

3.02 Hardware for field construction of a rural area interface (RAI) is listed as follows:

(a) Tables H and I list the hardware associated with 108-type connecting blocks.

(b) Fully equipped cabinets for RAI application may be ordered from Western Electric Service Center by using the ordering form illustrated in Fig. 1 and 2.

(c) Table J lists the 40-type cabinets equipped with switching panels and 76-type binding post.

TABLE H

**40-TYPE CABINETS EQUIPPED WITH 108-TYPE CONNECTING BLOCKS
FOR RAI APPLICATION — ORDER TERMINAL BLOCKS IN TABLE I**

CABINET (Note)	CAPACITY PAIR POSITIONS	NUMBER OF DESIGNATION STRIPS FURNISHED WITH CABINET
40AP1-108P	600	1 — 188DG1-200 Green Desig Strips
40AA1-108P	600	1 — 188AB1-200 Blue Desig Strips
40BP1-108P-1	600	1 — 188DG1-200 Green Desig Strips
40BA1-108P-1	600	1 — 188AB1-200 Blue Desig Strips
40BP1-108P-2	1200	1 — 188DG1-400 Green Desig Strips
40BA1-108P-2	1200	1 — 188AB1-400 Blue Desig Strips

Note: These cabinet codes are furnished with:

- F cross-connect wire — (1 spool)
- D test cords AT-8662D (2)
- 788N1 tool — insertion-cutoff tool
- Instruction sheets for cabinet installation
- Two sealing glands (842176844) furnished with "A" size aerial cabinets
- Three sealing glands (842176844) furnished with "B" size aerial cabinets.

TABLE I

**108-TYPE TERMINAL BLOCKS FOR RAI APPLICATION — USED
IN CABINETS LISTED IN TABLE H ONLY**

TERMINAL BLOCK (Note)	TERMINATES	COMPONENTS FURNISHED
108B1-100 KT 108B1-100 HA	50 Feeder-In 50 Feeder-Out Blank	1 — 108DW1-100 Wiring Block 10 — 108 Connecting Blocks
108P1-100 KT 108P1-100 HA	50 Feeder-In 50 Feeder-Out	1 — 108DW1-100 Wiring Block 10 — 108 Connecting Block Standard 10 — 108 Connecting Blocks Exclusion 50 — 488BC1-1 Patch Plugs
108S1-100 KT 108S1-100 HA	100 Distribution	1 — 108DW1-100 Wiring Block 20 — 108 Connecting Blocks

Note: Terminal blocks coded with a KT suffix consist of a kit of loose parts for field assembly. The HA suffix denotes connectors terminated to a 8-foot raw-ended color coded 24-gauge wiring harness.

REF. E.L. 5072 SUPPLEMENT 3

DATE _____
 REQUISITION _____
 SHEET _____ OF _____
 ITEM _____
 ENGINEER _____
 PHONE NUMBER _____

RAI WORK SHEET FOR 40A CABINETS EQUIPPED WITH SERVICE CENTER INSTALLED 108 TYPE TERMINALS

A
 CABINET 40A 1 - 108
 EQUIPPED WITH

TERMINAL BLOCK INFORMATION

<u>B</u>	<u>C</u>
108 <u>1</u> - 100 _____	

600 Pair Capacity
 Left Panel

SPECIFY DESIGNATION STRIP NUMBERING FOR EACH ROW

1	1	in	25	
	1	out	25	
	26	in	50	(G)
	26	out	50	100
101				()
				200
201				()
				300
301				()
				400
401				()
				500
501				()
				600

SPECIFY DESIGNATION STRIP COLOR
 GREEN (G); BLUE (B); YELLOW (Y)

Left Panel

- A AERIAL CABINET (A) OR PEDESTAL CABINET (P).
- B CONNECTOR BLOCK OPTION - DISTRIBUTION (S), FEEDER-IN/FEEDER-OUT WITH PATCH PLUGS (P), FEEDER-IN/FEEDER-OUT BLANK (B). PARTIAL FILL CABINETS PERMITTED. FILL IN WHERE TERMINAL BLOCKS ARE REQUIRED. "X" OUT UNUSED AREA.
- C FOR HARNESS EQUIPPED SPECIFY: (HA) FOR RAW HARNESS, (CF) FOR 710 FEMALE, (CM) FOR 710 MALE OR DESIGNATE OTHER APPROVED CONNECTOR REQUIRED. FOR STUB EQUIPPED SPECIFY 4 DIGIT CONECS CODE OR OTHER APPROVED CONNECTORIZATION CODE.

	STUB CABLE			NOTE 1	PAIR COUNT			NOTE 2	PLUG NOTE 3
	CODE	PAIRS	LENGTH	ENTRY	FEEDER IN	FEEDER OUT	DISTRIBUTION		
1									
2									
3									
4									
5									
6									

NOTE 1. FOR AERIAL CABINET, SPECIFY ENTRY TOP (T) OR BOTTOM (B)
 NOTE 2. CABLE SHEATH COUNT. CABLES WILL BE TERMINATED IN COLOR-CODED SEQUENCE AS INDICATED
 NOTE 3. SPECIFY AS REQUIRED (M) FOR MOISTURE PLUG OR (P) FOR PRESSURE PLUG

Fig. 1—RAI Work Sheet for 40A Cabinets With Service Center Installed 108-Type Terminals (Sheet 1)

INSTRUCTION SHEET

RAI 40 A&B CABINETS
EQUIPPED WITH SERVICE CENTER
INSTALLED 108 TYPE TERMINALS

1. WORK SHEET MUST BE ACCOMPANIED BY A SUPPLIES REQUISITION
2. THE WORK SHEET PERMITS ORDERING A 40 TYPE A OR B TYPE CABINET EQUIPPED WITH A COMBINATION OF 108 TYPE TERMINAL BLOCKS, HARNESS OR STUBBED CABLE, CONNECTORIZED AND/OR PLUGGED TO MEET A SPECIFIC JOB REQUIREMENT.
3. GUIDELINES -
 - 3A. HARNESS VERSION - COMPLETE TERMINAL BLOCK INFORMATION, DESIGNATION STRIP NUMBERING AND COLOR, AND PAIR COUNT INFORMATION. HARNESS WILL BE CONNECTORIZED OR RAW ENDED PER YOUR REQUEST, SEE NOTE D.
 - 3B. STUBBED CABLES - PERMIT SPLIT COUNTS. NOTE THE LACK OF RESTRICTIONS ON CABLE TYPE. SPECIFY:
 - CABLE CODE, PAIRS AND LENGTH
 - ADD ENTRY IF AERIAL CABINET
 - COMPLETE TERMINAL BLOCK INFORMATION
 - ADD 4 DIGIT CONECS CODE TO SPECIFY CONNECTORIZATION (SEE NOTE C)
 - ADD DESIGNATION STRIP NUMBERING AND COLOR AND PAIR COUNT INFORMATION
 - ADD P OR M TO PLUG COLUMN IF A PLUG IS NEEDED
 - 3C. NOTE PARTIAL FILLS ARE PERMISSABLE
4. CHECK FORM FOR COMPLETENESS
5. ATTACH THE ORIGINAL AND ONE COPY OF THE WORKSHEET TO YOUR SUPPLIES REQUISITION. THE COPY WILL BE RETURNED WITH YOUR COMPLETED CABINET.

Fig. 1—RAI Work Sheet for 40A Cabinets With Service Center Installed 108-Type Terminals (Sheet 2)

REF. E.L. 5072 SUPPLEMENT 3

DATE _____
 REQUISITION _____
 SHEET _____ OF _____
 ITEM _____
 ENGINEER _____
 PHONE NUMBER _____

RAI WORK SHEET FOR 40B CABINETS EQUIPPED WITH SERVICE CENTER INSTALLED 108 TYPE TERMINALS

A B
 CABINET 40B 1 - 108 _____
 EQUIPPED WITH _____

TERMINAL BLOCK INFORMATION

<u>C</u>	<u>D</u>
108 <u>1</u> - 100 _____	108 <u>1</u> - 100 _____
108 <u>1</u> - 100 _____	108 <u>1</u> - 100 _____
108 <u>1</u> - 100 _____	108 <u>1</u> - 100 _____
108 <u>1</u> - 100 _____	108 <u>1</u> - 100 _____
108 <u>1</u> - 100 _____	108 <u>1</u> - 100 _____
108 <u>1</u> - 100 _____	108 <u>1</u> - 100 _____

600 Pair Capacity Left Panel 600 Pair Capacity Right Panel (-2 Unit Only)

SPECIFY DESIGNATION STRIP NUMBERING FOR EACH ROW

SPECIFY DESIGNATION STRIP COLOR GREEN (G); BLUE (B); YELLOW (Y)

1	1	in	25	(G)	1		()
	1	out	25				
	26	in	50	100	101		()
	26	out	50				
101				()	101		()
				200			200
201				()	201		()
				300			300
301				()	301		()
				400			400
401				()	401		()
				500			500
501				()	501		()
				600			600

Left Panel Right Panel (-2 Unit Only)

- A AERIAL CABINET (A) OR PEDESTAL CABINET (P).
- B 600-PAIR CAPACITY WITH SPLICE COVER, SPECIFY (-1) OR 1200 PAIR CAPACITY, SPECIFY (-2).
- C CONNECTOR BLOCK OPTION - DISTRIBUTION (S), FEEDER-IN/FEEDER-OUT WITH PATCH PLUGS (P), FEEDER-IN/FEEDER-OUT BLANK (B) PARTIAL FILL CABINETS PERMITTED. FILL IN WHERE TERMINAL BLOCKS ARE REQUIRED. "X" OUT UNUSED AREA.
- D FOR HARNESS EQUIPPED SPECIFY: (HA) FOR RAW HARNESS, (CF) FOR 710 FEMALE, (CM) FOR 710 MALE OR DESIGNATE OTHER APPROVED CONNECTOR REQUIRED. FOR STUB EQUIPPED SPECIFY 4 DIGIT CONECS CODE OR OTHER APPROVED CONNECTORIZATION CODE.

	STUB CABLE				PAIR COUNT			PLUG
	CODE	PAIRS	LENGTH	NOTE 1 ENTRY	FEEDER IN	FEEDER OUT	NOTE 2 DISTRIBUTION	
1								NOTE 3
2								
3								
4								
5								
6								

NOTE 1. FOR AERIAL CABINET, SPECIFY ENTRY TOP (T) OR BOTTOM (B)
 NOTE 2. CABLE SHEATH COUNT. CABLES WILL BE TERMINATED IN COLOR-CODED SEQUENCE AS INDICATED
 NOTE 3. SPECIFY AS REQUIRED (M) FOR MOISTURE PLUG OR (P) FOR PRESSURE PLUG

Fig. 2—RAI Work Sheet for 40B Cabinets Equipped With Service Center Installed 108-Type Terminals (Sheet 1)

INSTRUCTION SHEET

RAI 40 A&B CABINETS EQUIPPED WITH SERVICE CENTER INSTALLED 108 TYPE TERMINALS

1. WORK SHEET MUST BE ACCOMPANIED BY A SUPPLIES REQUISITION
2. THE WORK SHEET PERMITS ORDERING A 40 TYPE A OR B TYPE CABINET EQUIPPED WITH A COMBINATION OF 108 TYPE TERMINAL BLOCKS, HARNESS OR STUBBED CABLE, CONNECTORIZED AND/OR PLUGGED TO MEET A SPECIFIC JOB REQUIREMENT.
3. GUIDELINES -
 - 3A. HARNESS VERSION - COMPLETE TERMINAL BLOCK INFORMATION, DESIGNATION STRIP NUMBERING AND COLOR, AND PAIR COUNT INFORMATION. HARNESS WILL BE CONNECTORIZED OR RAW ENDED PER YOUR REQUEST, SEE NOTE D.
 - 3B. STUBBED CABLES - PERMIT SPLIT COUNTS. NOTE THE LACK OF RESTRICTIONS ON CABLE TYPE. SPECIFY:
 - CABLE CODE, PAIRS AND LENGTH
 - ADD ENTRY IF AERIAL CABINET
 - COMPLETE TERMINAL BLOCK INFORMATION
 - ADD 4 DIGIT CONECS CODE TO SPECIFY CONNECTORIZATION (SEE NOTE C)
 - ADD DESIGNATION STRIP NUMBERING AND COLOR AND PAIR COUNT INFORMATION
 - ADD P OR M TO PLUG COLUMN IF A PLUG IS NEEDED
 - 3C. NOTE PARTIAL FILLS ARE PERMISSABLE
4. CHECK FORM FOR COMPLETENESS
5. ATTACH THE ORIGINAL AND ONE COPY OF THE WORKSHEET TO YOUR SUPPLIES REQUISITION. THE COPY WILL BE RETURNED WITH YOUR COMPLETED CABINET.

Fig. 2—RAI Work Sheet for 40B Cabinets Equipped With Service Center Installed 108-Type Terminals
(Sheet 2)

TABLE J

**40-TYPE CABINETS EQUIPPED WITH SWITCHING PANELS AND
76-TYPE BINDING POST (FOR RAI APPLICATION)**

CABINET	FEEDER-IN	DISTRIBUTION	FEEDER-OUT	SWITCHES
40AP1-76SW/200 HA	100	100	100	100
40AP1-76SW/200 CF	100	100	100	100
40AA1-76SW/200 HA	100	100	100	100
40AA1-76SW/200 CF	100	100	100	100
40CP1-76SW/400 HA	200	200	200	200
40CP1-76SW/400 CF	200	200	200	200
40CA1-76SW/400 HA	200	200	200	200
40CA1-76SW/400 CF	200	200	200	200
40DP1-76SW/800 HA	400 (Note)	400	300	300
40DP1-76SW/800 CF	400 (Note)	400	300	300
40DA1-76SW/800 HA	400 (Note)	400	300	300
40DA1-76SW/800 CF	400 (Note)	400	300	300

Note: Feeder pairs 1-100 are hardwired directly to feeder binding post 1-100. Feeder pairs 101-400 are wired to the switching panels.

Cross-Connect Application

(b) Tables N, O, and P list the hardware associated with 76-type binding post.

3.03 Hardware for field construction of a cross-connect box is listed as follows:

(a) Tables K, L, and M list the hardware associated with 108-type connecting blocks.

TABLE K

**40-TYPE CABINET TO HOUSE SEPARATELY ORDERED
108-TYPE TERMINAL BLOCKS FOR CROSS-CONNECTING**

CABINET	CAPACITY PAIRS	CABINETS ARE FURNISHED WITH
40AA1-108S	600	F Cross-connect wire (1 spool) Test cords AT-8662D (2) Insertion-cutoff tool 788N1 Colored designation strips (Blue & Green) Instruction sheets Sealing glands 842176844 (2) (aerial cabinets only)
40AP1-108S	600	

TABLE L

**108-TYPE TERMINAL BLOCKS FOR INSTALLATION
IN SEPARATELY ORDERED 40-TYPE CABINET
FOR CROSS-CONNECTING**

TERMINAL BLOCKS	INSTALL IN CABINET SIZE
108S1-600 CF	A
108S1-600 CM	A
108S1-600 F	A
108S1-600 HA	A
108S1-600 KT	A
108S1-600 SA-20*	A
108S1-600 SB-20*	A
108S1-600 SP-20*	A

* -20 specifies stub length for SA, SB, and SP codes. Stubs are available in 20- to 100-foot lengths in 10-foot increments.

TABLE M

**40-TYPE CABINETS FULLY EQUIPPED WITH
108-TYPE TERMINAL BLOCKS FOR CROSS-CONNECTING**

CABINET	EQUIPPED WITH TERMINAL BLOCKS
40AA1-108S/600 CF	(1) 108S-600 CF
40AA1-108S/600 HA	(1) 108S-600 HA
40AA1-108S/600 KT	(1) 108S-600 KT
40AP1-108S/600 CF	(1) 108S-600 CF
40AP1-108S/600 HA	(1) 108S-600 HA
40AP1-108S/600 KT	(1) 108S-600 KT

TABLE N

**40-TYPE CABINETS TO HOUSE SEPARATELY ORDERED
76-TYPE BINDING POST FOR CROSS-CONNECTING**

CABINET	CAPACITY PAIRS	CABINETS ARE FURNISHED WITH
40AA1-76S	300 or 400	(2) Test cords (2) Spools of G cross-connect wire
40AP1-76S	300 or 400	Blue and green numbers decals (10) Spare binding post, screws and washers (12) Spare insulators, No. 10 binding post AT-6798 Instruction sheets (2) Sealing glands 842176844 (aerial cabinets)

TABLE O

**76-TYPE TERMINAL BLOCKS FOR INSTALLATION IN
40-TYPE CABINET FOR CROSS-CONNECTING**

TERMINAL BLOCK	INSTALL IN SIZE CABINET
76S1-400 CF/A	A
76S1-400 CM/A	A
76S1-400 HA/A	A
76S1-400 SA/A	A
76S1-400 SB/A	A
76S1-400 SG/A	A
76S1-400 SP/A	A
76S1-300 CF/A	A
76S1-300 CM/A	A
76S1-300 HA/A	A
76S1-300 SA/A	A
76S1-300 SB/A	A
76S1-300 SG/A	A
76S1-300 SP/A	A

TABLE P

**40-TYPE CABINETS FULLY EQUIPPED WITH 76-TYPE
BINDING POST FOR CROSS-CONNECTING**

CABINET	EQUIP WITH TERMINAL BLOCKS
40AA1-76S/300 CF	(1) 76S1-300 CF/A
40AA1-76S/300 HA	(1) 76S1-300 HA/A
40AA1-76S/300 SG	(1) 76S1-300 SG/A
40AP1-76S/300 CF	(1) 76S1-300 CF/A
40AP1-76S/300 HA	(1) 76S1-300 HA/A
40AA1-76S/400 CF	(1) 76S1-400 CF/A
40AA1-76S/400 HA	(1) 76S1-400 HA/A
40AA1-76S/400 SG	(1) 76S1-400 SG/A
40AP1-76S/400 CF	(1) 76S1-400 CF/A
40AP1-76S/400 HA	(1) 76S1-400 HA/A

CONECS

3.04 Tables Q and R list the fully equipped 40-type cabinets for full CONECS application.

3.05 Table S lists the fully equipped 40-type encapsulated units.

3.06 Additional material, which may be ordered separately as required, is as follows:

- Designation Strip 188RG1-600 Green
- Designation Strip 188RG1-900 Green
- Designation Strip 188AY1-100 Yellow
- Designation Strip 188RB1-200 Blue
- Designation Strip 188AB1-400 Blue
- Designation Strip 188AG1-200 Green
- Designation Strip 188AG1-400 Green

- Patch Plug 488BR1-1 Red
- Patch Plug 488BC-1 Clear

ITEM

- Designation Strip 188RB1-1200 Blue
- Designation Strip 188RB1-1800 Blue

- Sealing Glands 842176844
- Wire, F Cross-Connect
- Wire, G Cross-Connect

TABLE Q

**40-TYPE CABINETS FULLY EQUIPPED WITH 108-TYPE
TERMINAL BLOCKS FOR FULL CONECS APPLICATION**

CABINET	EQUIPPED WITH TERMINAL BLOCKS
40CA1-108S/1200 CC	(2) 108S1-400 F (1) 108S1-400 CM
40CP1-108S/1200 CC	(2) 108S1-400 F (1) 108S1-400 CM
40CA1-108S/1800 CC	(2) 108S1-600 F (1) 108S1-600 CM
40CP1-108S/1800 CC	(2) 108S1-600 F (1) 108S1-600 CM
40DA1-108S/2700 CC	(2) 108S1-900 F (1) 108S1-900 CM
40DP1-108S/2700 CC	(2) 108S1-900 F (1) 108S1-900 CM

TABLE R

**40-TYPE CABINET FULLY EQUIPPED WITH 76-TYPE
TERMINAL BLOCKS FOR FULL-CONECs APPLICATION**

CABINET	EQUIPPED WITH TERMINAL BLOCKS
40EP1-76S/1200 CC	(2) 76S1-400 F/E (1) 76S1-400 CM/E
40EP1-76S/1800 CC	(2) 76S1-600 F/E (1) 76S1-600 CM/E
40FP1-76S/2700 CC	(2) 76S1-900 F/F (1) 76S1-900 CM/F

TABLE S

**40-TYPE UNITS FULLY EQUIPPED WITH ENCAPSULATED
PANELS OF 76-TYPE TERMINAL BLOCKS**

UNITS	EQUIPPED WITH TERMINAL BLOCKS
40AP1-76S/100 EA 40AP1-76S/200 EA 40AP1-76S/300 EA 40AP1-76S/400 EA 40EP1-76S/900 EA 40EP1-76S/1200 EA 40EP1-76S/1500 EA 40EP1-76S/1800 EA 40FP1-76S/2700 EA	All units are fully equipped with encapsulated panels of 76-type terminal blocks (See paragraph 2.02 for termination methods)