

SYNCHRONOUS "DATASPEED\*" 40/4  
MAXI-CLUSTER AND MINI-CLUSTER STATION ARRANGEMENTS  
MAINTENANCE CONTROLLER ARRANGEMENTS

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1. GENERAL

1.01 This section provides the craftsperson with methods and procedures for maintaining C400 controllers using circuit arrangements which are other than those shown in the controller arrangements of the installation Section 582-200-201.

1.02 This section is reissued to specify that the 410535 circuit card can replace the 410508 card.

*Note:* When ordering replaceable parts or components, unless otherwise specified, prefix each part number with the letters "TP" (ie, TP410055).

1.03 Whenever a C400 controller has been determined by controller self-diagnosis or other testing to contain a defective circuit card, that circuit card should be replaced with a circuit card having the same TP number. If that circuit card is not available, then this section should be used to determine an equivalent controller arrangement (see 3. MAINTENANCE CONTROLLER ARRANGEMENTS) and circuit cards (if available) contained in that arrangement should be used.

*Note:* Before replacing PROM or EPROM circuit cards, see 4. CIRCUIT CARD COMPATIBILITY in Section 582-200-501, Issue 3 or later.

1.04 The 410400, 410401, 410406 and all 41043N circuit cards do not have equivalent type circuit card substitutions and, must therefore be replaced with circuit cards having the same TP numbers.

2. CIRCUIT CARD SUBSTITUTIONS

2.01 This paragraph describes which circuit cards can be substituted for those circuit cards which are found to be defective but are not readily available.

2.02 A 410411 circuit card combines the features of the 410409, 410408 and 410403 circuit cards and may be substituted for these circuit cards when they are found to be defective. If a 410411 circuit card is used in a SCC which features the 410804 PROM circuit card or MCC which features the 410808 PROM circuit card, PROMs 450013, 450014, 450015 and 450016 contained on each of these circuit cards must be Issue 3 or later in order to perform a proper controller self-diagnostic test.

2.03 The 410409 (or 410408) and 410403 circuit cards may be substituted for the 410411 circuit card in a "PROM version" controller. Substitution of the 410411 circuit card with 410409 (or 410408) and 410403 circuit cards in a "EPROM version" controller will result in an identical self-test trouble and continue pattern and therefore is not recommended.

2.04 EPROM (4105NN series) circuit cards may be substituted for PROM (4108NN and 4109NN series) circuit cards, however, if present in the defective controller, 410409 (or 410408) and 410403 circuit cards must also be replaced by the 410411 circuit card because of the condition described in 2.03.

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**Caution :** Since EPROM (4105NN series) circuit cards offer additional features, they should never be replaced by PROM (4108NN and 4109NN series) circuit cards.

2.05 Since EPROM (4105NN series) circuit cards contain the features of the following modification kits (which may be part of the PROM (4108NN and 4109NN) series circuit cards), no special considerations will be necessary when replacing PROM circuit cards (containing the following modification kits) with EPROM circuit cards.

Modification Kits†	Controller Affected	Circuit Card(s) Affected
408788	MCC	410909
408789	MCC	410409 and 410910
408796	SCC	410804 and 410905
408804	MCC	410909 and 410910
408798	SCC	410804 and 410905
408800	MCC	410909 and 410910

† These modification kits only improve system operation.

2.06 All RAM (41046N series) circuit cards are directly interchangeable. The 410461 and 410465 circuit cards are 4K RAM while the 410464 circuit card is an 8K RAM. The 8K RAM (410464) circuit cards should only be used to replace 2-4K RAM circuit cards, however, an 8K RAM may be used to replace 1-4K RAM when the 4K RAM (410641 or 410465) circuit cards are not available. If an 8K RAM circuit card is used to replace a 4K RAM in a controller that contains 2-4K RAM circuit cards, the second 4K RAM should be removed. The use of only 1-4K RAM in a DCC or MCC that employs EPROM circuit cards will result in an identical trouble and continue pattern and no video display patterns during self-test and therefore, 2-4K RAM or 1-8K RAM should always be used in this type of arrangement.

2.07 The following table summarizes the preceding paragraph 2. CIRCUIT CARD SUBSTITUTIONS.

CONTROLLER(s) AFFECTED	CIRCUIT CARD(s) TO BE REPLACED	CIRCUIT CARD REPLACEMENT(s)	COMMENTS
SCC or MCC	410409 (or 410408) and 410403	410411	If present, 410804 or 410808 must contain Issue 3 or later of the following PROMs: 450013, 450014, 450015 and 450016.
SCC or MCC	410411	410409 (or 410408) and 410403	Replacement applies only if PROM (4108NN and 4109NN series) cards are part of controller.
SCC	410804 and 410905 (PROM)	410508 (EPROM)	Use 410508 Issue 6B. (See Note 1.)
	410508 (EPROM)	410535 (EPROM)	(See Notes 3 and 4.)
DCC With Type- writer Style Opcon	410809 and 410911 (PROM)	410509 (EPROM)	Use 410509 Issue 5B. (See Note 2.)
	410509 (EPROM)	410524 (EPROM)	Used if 48 line operation is required, 410509 can be converted to 410524.
DCC With Internal Numeric Cluster Opcon	410810 and 410907 (PROM)	410510 (EPROM)	Use 410510 Issue 5B. (See Note 2.)
MCC With Type- writer Style Opcon	410808, 410909 and 410910 (PROM)	410512 and 410513 (EPROM)	Use 410512 Issue 3B  (See Note 1.)
	410513 (EPROM)	410525 (EPROM)	410513 can be converted to 410525, 410525 has lock buffer option and feature 403154 modifi- cation kit.
MCC With Internal Numeric Cluster Opcon	410812, 410914 and 410915 (PROM)	410514 and 410515 (EPROM)	Use 410514, Issue 3B. Use 410515, Issue 3B. (See Note 1.)
	410515 (EPROM)	410534 (EPROM)	410515 can be converted to 410534.
SCC, DCC or MCC	1 - 410461	410465 or 410464	Use 410461 only if 410465 is not available.
DCC or MCC	2 - 410461	2 - 410465 or 1 - 410461 and 1 - 410465 or 1 - 410464	
SCC, DCC or MCC	1 - 410465	410465 or 410464	Use 410464 only if 410461 is not available.
DCC or MCC	2 - 410465	2 - 410461 or 1 - 410465 and 1 - 410461 or 1 - 410464	
DCC or MCC	410464	2 - 410461 or 2 - 410465 or 1 - 410461 and 1 - 410465	

**Note 1:** If present, the 410409 (or 410408) and 410403 circuit cards must be replaced with the 410411 circuit card.

**Note 2:** If only one 4K RAM (410461 or 410465) circuit card is in the controller, an additional 4K RAM must be added or remove the 4K RAM and install an 8K RAM (410464) circuit card.

**Note 3:** When 410535 circuit card is used the 410461 or 410465 must be reoptioned to (SPA2) switch positions 1 and 4 ON.

**Note 4:** 410535 provides functions of 403128, 403130, 403134, 403140 and 408878 modification kits.

## SECTION 582-200-300

### 3. MAINTENANCE CONTROLLER ARRANGEMENTS

3.01 This part includes tables of all Controller Arrangements including those which are of the standard type shown in the installation Section 582-200-201 and those which are of the maintenance type.

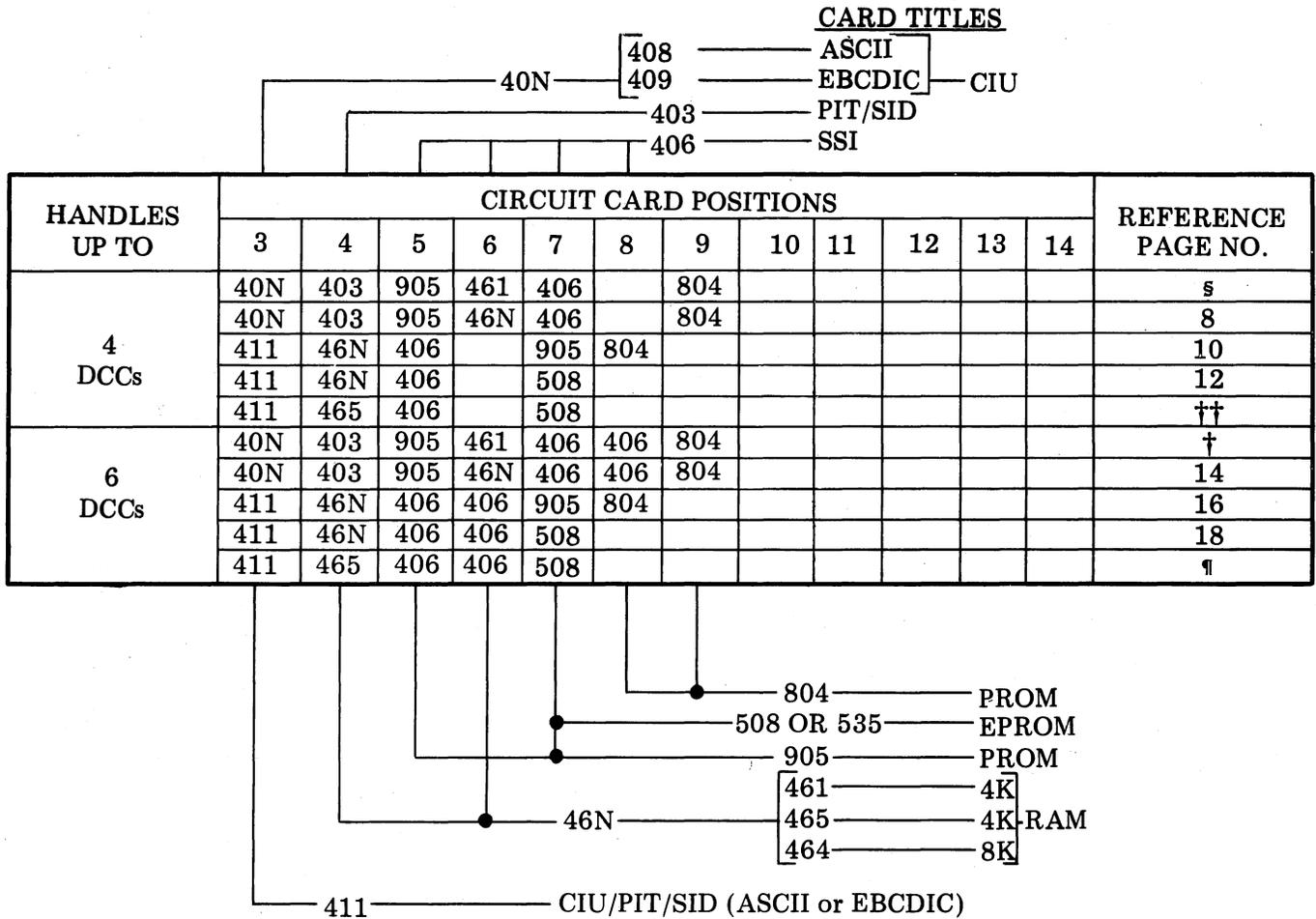
3.02 Finding a Maintenance Controller Arrangement equivalent to the arrangement being worked on can be found by:

- (a) Find the type of controller: SCC, DCC or MCC on one of the following three pages.

- (b) If SCC type, find number of DDCs handled in the SCC table. If DCC or MCC type, find number of devices handled in the DCC or MCC table.

Example: A DCC which handles 1-KD and 1-PTR has a defective 410911 circuit card but you have no spare. By reading the table in Part 2 you see that a 410509 circuit card (which you may have) can be substituted for the combination of 410911 and 410809 circuit cards. In the DCC table of Part 3, you find under "HANDLES" 1-KD and 1-PTR, an arrangement which includes a 41055NN circuit card. This arrangement should then be used. Note also that in this example, a second 4K RAM must be added to the controller which is to avoid a trouble pattern and continue pattern from being identical.

3.03 Station Cluster Controller (SCC) Arrangements — 40C401\*



\*410400 and 410401 circuit cards are in position 1 and 2.

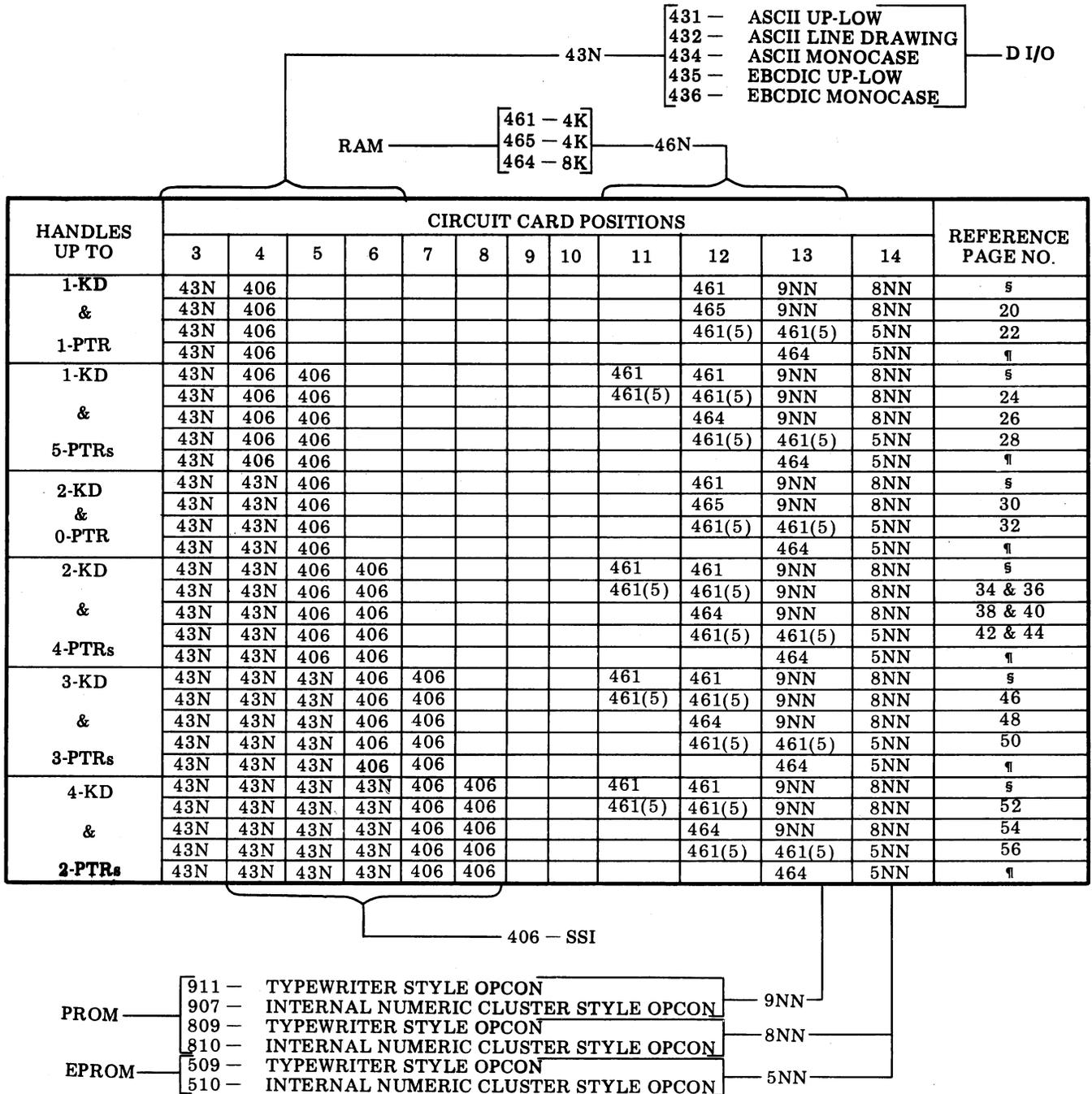
All circuit card numbers are preceded by 410.

§ Standard PROM version — see Installation Section 582-200-201.

¶ Standard EPROM version — see Installation Section 582-200-201.

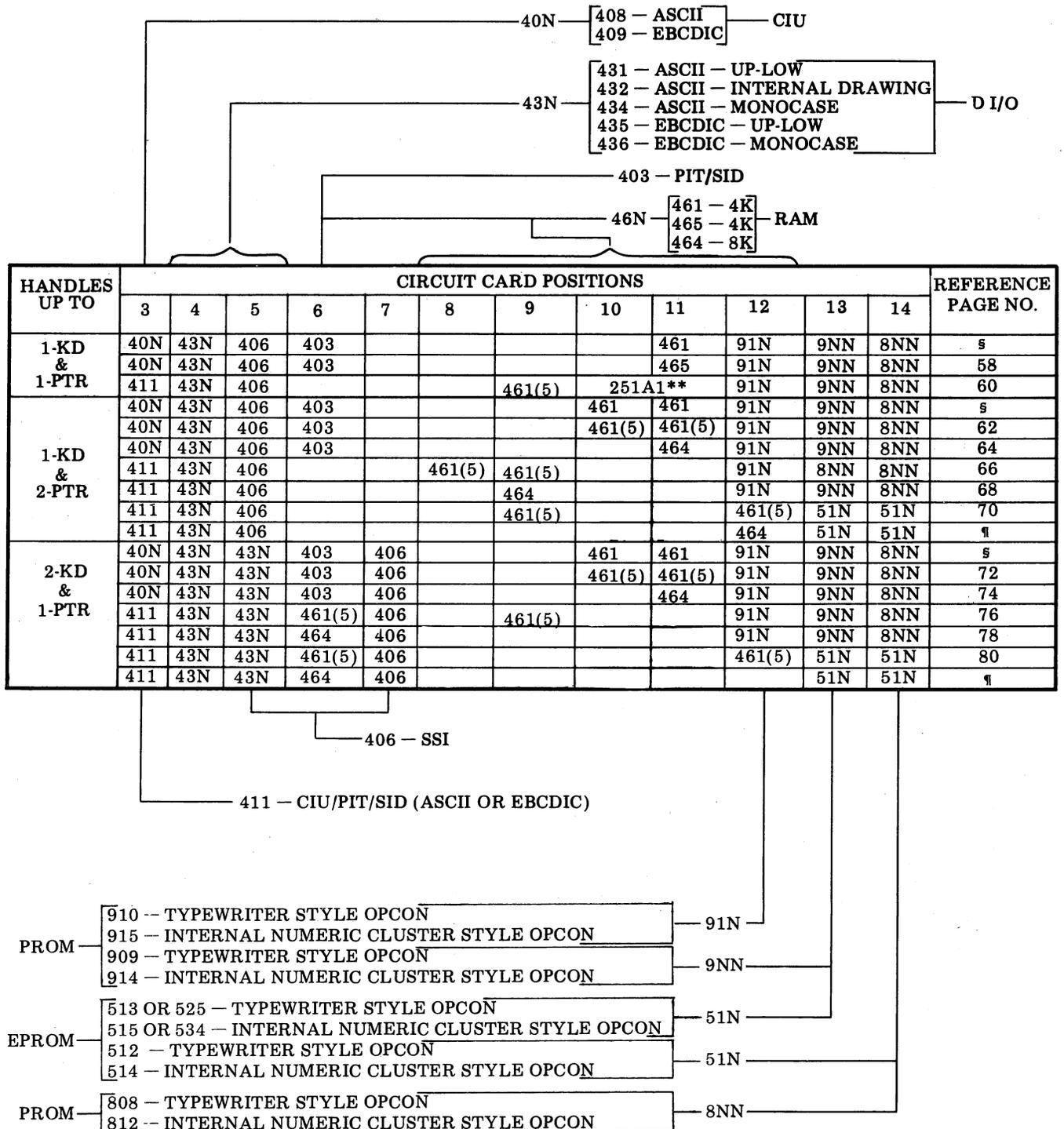
SECTION 582-200-300

3.04 Device Cluster Controller (DCC) Arrangements — 40C402\*



\*410400 and 410401 circuit cards are in position 1 and 2.  
 All circuit card numbers are preceded by 410.  
 § Standard PROM version — see Installation Section 582-200-201.  
 ¶ Standard EPROM version — see Installation Section 582-200-201.

3.05 Mini-Cluster Controller (MCC) Arrangements — 40C403#



#410400 and 410401 circuit cards are in position 1 and 2.

All circuit card numbers are preceded by 410.

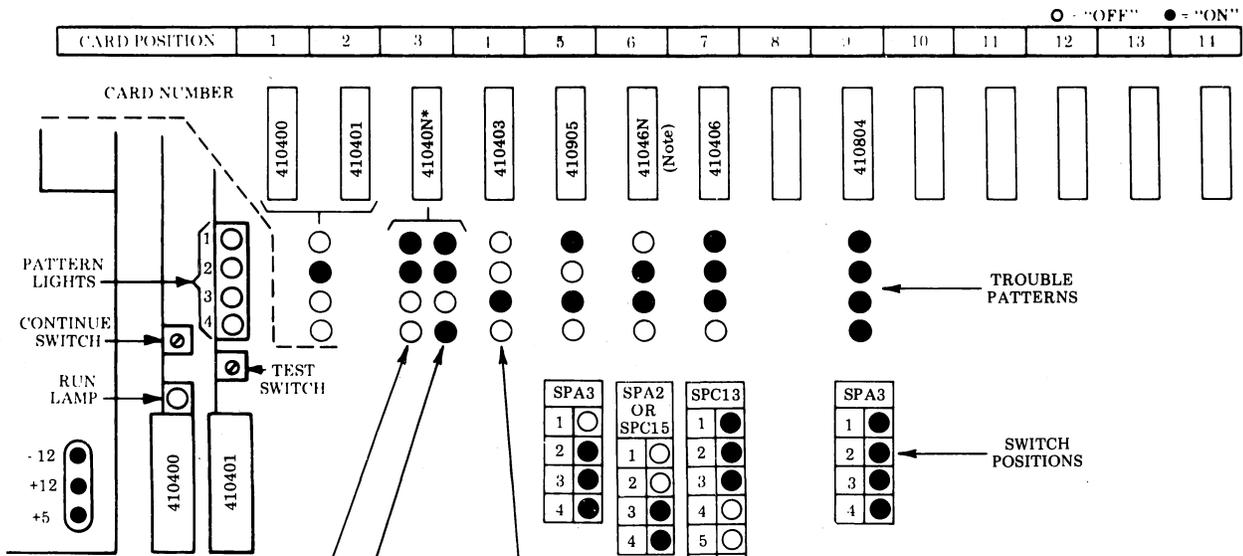
s Standard PROM version — see Installation Section 582-200-201.

¶ Standard EPROM version — see Installation Section 582-200-201.

SECTION 582-200-300

SCC — Controller Arrangement Form  
 LINE CODE: ASCII  EBCDIC   
 USOC: 4TT  
 HANDLES: Up To 4-DCCs

PATTERN LIGHTS OR SWITCH POSITIONS



"CONTINUE" LIGHT PATTERNS

#	ASCII	EBCDIC
1	● ○	● ○
2	○ ○	○ ○
3	○ ○	○ ○
4	● ●	○ ●

ASCII  
 EBCDIC

Note: 410461, 410465, or 410464 may be used in position 6, however, a 410464 should be used if 410461 or 410465 are not available. SPC15 applies to 410461 only.

CIU — 41040N\*\*

SPA5	SPB13	SPB15	SPD20
1 ○	1 ●	1 ○	1 ●
2 ●	2 ●	2 ○	2 ○
3 ●	3 ●	3 ●	3 ●
4 ○	4 ●	4 ●	4 ○
5 ○	5 ●	5 ○	5 ○
6 ●	6 ○	6 ○	6 ○
7 ●	7 ○	7 ○	7 ○
8 ●	8 ○	8 ○	8 ○

PIT — SID 410403

SWITCH NUMBER	SWITCH PACK LOCATION								
	C11	A17	A15	A13	B13	B15	B17	C17	C15
1	○				○	○	○		○
2	○				○	○	○		○
3	●				○	○	○		○
4	●				○	○	○		○
5	×				○	○	○		○
6	×				○	○	○		○
7	×				○	○	○	●	○
8	×				○	○	○		○

OPTIONS — 410403

402	a <input type="checkbox"/> CONTINUOUS ALARM	SPC17 - 1	○
	b <input type="checkbox"/> 1 SECOND ALARM		○
403	a <input type="checkbox"/> INTENSIFIED ONLY	SPC17 - 2 - 3	○
	b <input type="checkbox"/> BLINK ONLY		○
	c <input type="checkbox"/> INTENSIFIED & BLINK		○
406	a <input type="checkbox"/> ALPHA IN NUMERIC FIELD	SPC17 - 4	○
	b <input type="checkbox"/> ALPHA NOT IN NUMERIC FIELD		○
404	a <input type="checkbox"/> TERMINATE W/ETX	SPC17 - 5	○
	b <input type="checkbox"/> TERMINATE W/SUB ENQ.		○
408	a <input type="checkbox"/> ASCII	SPC17 - 6	○
	b <input type="checkbox"/> EBCDIC		○
407 (Num Lock S.F.)		SPC17 - 8	○
	a <input type="checkbox"/> ENABLED		○
	b <input type="checkbox"/> DISABLED		○

GRAPHIC DESIGNATIONS  
 OPTION — STATION POLL ADDRESS  
 401 STATION SELECT ADDRESS

PER STATION WORKSHEET, HIGHEST DCC CONNECTED TO SCC IS

	A	B	C	D
SPA13-1	●	○	○	○
SPA13-2	○	●	○	○
SPA13-3	○	○	●	○
SPA13-4	○	○	○	●

\*\*ASCII — 410408  
 EBCDIC — 410409

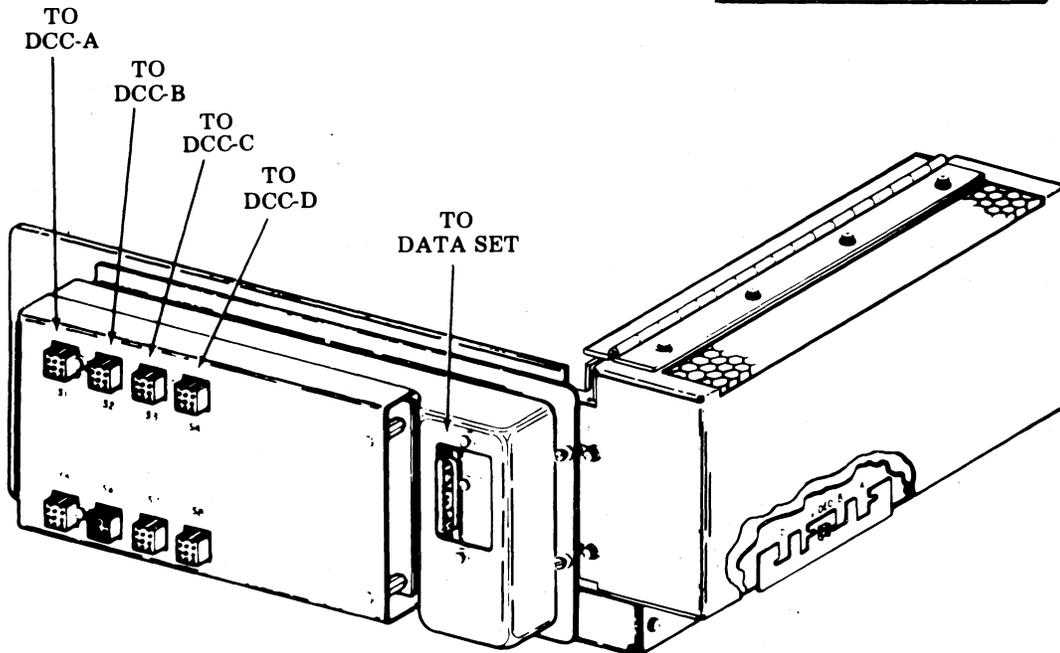
See adjacent page for connections and terminal IDs.

SCC — Controller Arrangement Form  
 HANDLES: Up To 4-DCCs

CARD POSITION	I/O SOCKET	STATION WORK SHEET	DEVICE ADDRESS ††
7	S1	DCC-A	S P A B C D E
7	S2	DCC-B	F G H I [ •
7	S3	DCC-C	< ( + ! & J
7	S4	DCC-D	K L M N O P
3	DS	DATA SET	

††ASCII and EBCDIC graphics are the same, except for

ASCII	EBCDIC
[	⌘ (⌘)##
	(!)

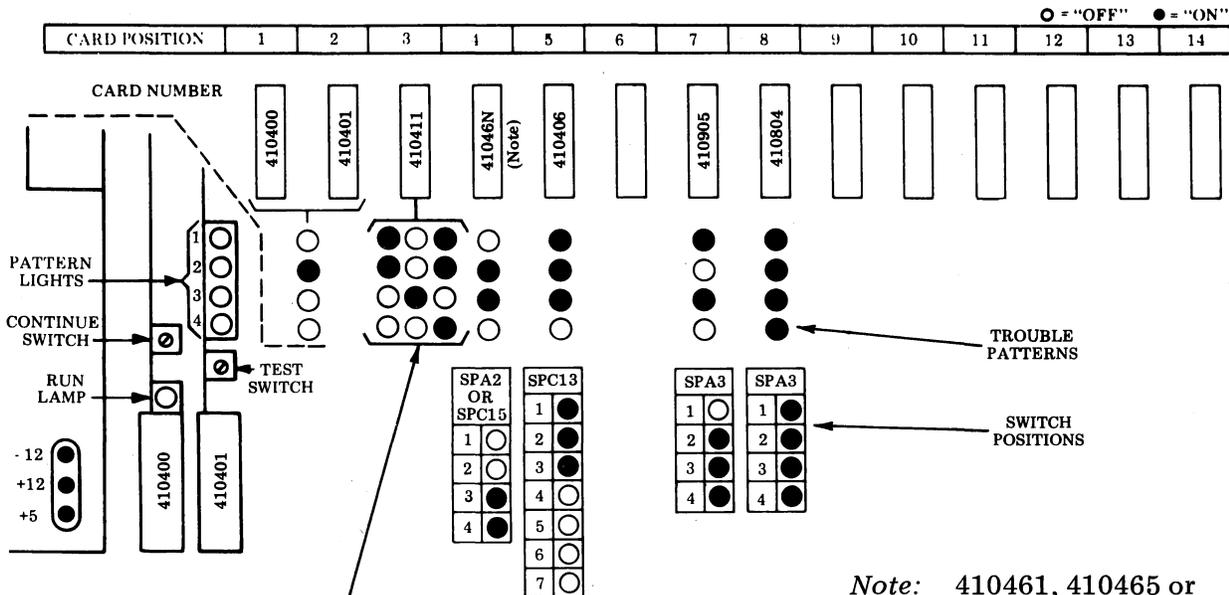


##Characters in parentheses are displayed as the device addresses in local test when using EBCDIC line code.

SECTION 582-200-300

SCC — Controller Arrangement Form  
 LINE CODE: ASCII  EBCDIC   
 USOC: 4TT  
 HANDLES: Up To 4-DCCs

PATTERN LIGHTS OR SWITCH POSITIONS



Note: 410461, 410465 or 410464 may be used in position 4, however, 410464 should only be used if 410461 or 410465 are not available. SPC15 applies to 410461 only.

"CONTINUE" LIGHT PATTERNS	
#	
1	○
2	○
3	○
4	●

CIU/PIT/SID 410411										
SWITCH NUMBER	SWITCH PACK LOCATION									
	A21	B12	B1	B2	B3	B4	B5	B6	B7	B8
1	○	●				○	○	○		○
2	●	●				○	○	○		○
3	●	●				○	○	○		○
4	●	○				○	○	○		○
5	●	○			○	○	○	○		○
6	○	●			○	○	○	○		○
7	○	●			○	○	○	○	●	○
8	○	●			○	○	○	○		○
9	○									

PER STATION WORKSHEET, HIGHEST DCC CONNECTED TO SCC IS				
	A	B	C	D
SPB3-1	●	○	○	○
SPB3-2	○	●	○	○
SPB3-3	○	○	●	○
SPB3-4	○	○	○	●

GRAPHIC DESIGNATIONS

OPTION 401 STATION POLL ADDRESS  
 STATION SELECT ADDRESS

OPTIONS 410411			
402	SPB7-1	404	SPB7-5
a <input type="checkbox"/> CONTINUOUS ALARM	●	a <input type="checkbox"/> TERMINATE W/ETX	○
b <input type="checkbox"/> 1 SECOND ALARM	○	b <input type="checkbox"/> TERMINATE W/SUB ENQ.	●
403	SPB7-2-3	408	SPB7-6
a <input type="checkbox"/> INTENSIFIED ONLY	○	a <input type="checkbox"/> ASCII	○
b <input type="checkbox"/> BLINK ONLY	○	b <input type="checkbox"/> EBCDIC	●
c <input type="checkbox"/> INTENSIFIED & BLINK	○	407 (Num Lock S.F.)	SPB7-8
406	SPB7-4	a <input type="checkbox"/> ENABLED	○
a <input type="checkbox"/> ALPHA IN NUMERIC FIELD	●	b <input type="checkbox"/> DISABLED	○
b <input type="checkbox"/> ALPHA NOT IN NUMERIC FIELD	○		

Caution: PROMs 450013, 450014, 450015 and 450016 on 410804 must be Issue 3 or later.

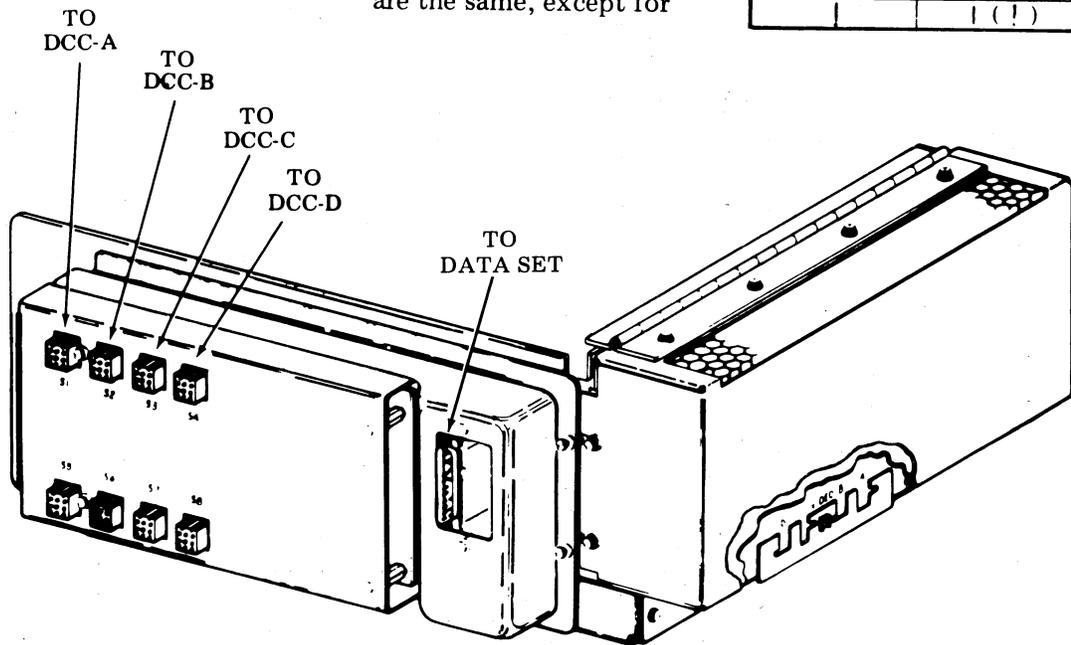
See adjacent page for connections and terminal IDs.

SCC -- Controller Arrangement Form  
 HANDLES: Up To 4-DCCs

CARD POSITION	I/O SOCKET	STATION WORK SHEET	DEVICE ADDRESS††
5	S1	DCC-A	S P A B C D E
5	S2	DCC-B	F G H I [ •
5	S3	DCC-C	< ( + ! & J
5	S4	DCC-D	K L M N O P
3	DS	DATA SET	

†† ASCII and EBCDIC graphics are the same, except for

ASCII	EBCDIC
[	⌘ (⌒)##
	(!)

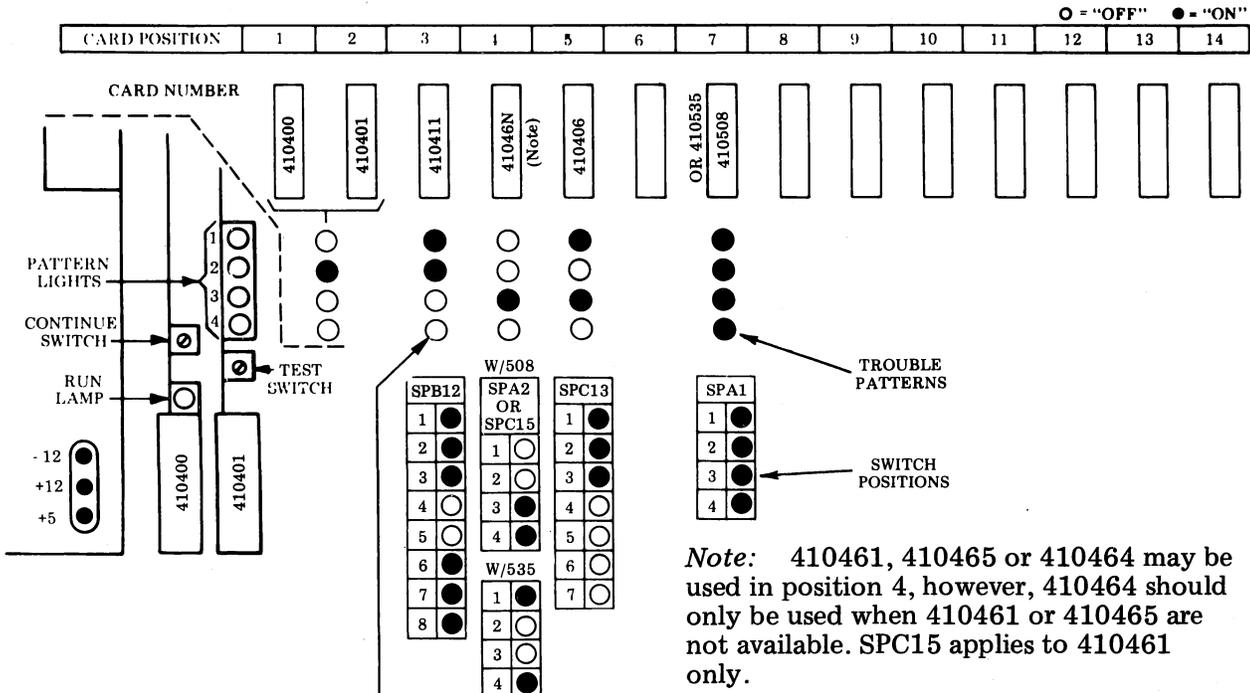


## Characters in parentheses are displayed as the device addresses in local test when using EBCDIC line code.

SECTION 582-200-300

SCC — Controller Arrangement Form  
 LINE CODE: ASCII  EBCDIC   
 USOC: 4TT  
 HANDLES: Up to 4-DCCs

PATTERN LIGHTS OR SWITCH POSITIONS

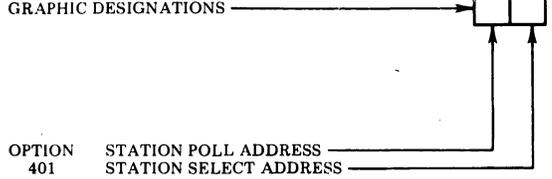


"CONTINUE" LIGHT PATTERNS	
#	
1	○
2	●
3	●
4	○

CIU/PIT/SID		410411								
SWITCH NUMBER	SWITCH PACK LOCATION									
	A21	B12	B1	B2	B3	B4	B5	B6	B7	B8
1	○	●				○	○	○		○
2	●	●				○	○	○		○
3	●	●				○	○	○		○
4	●	○				○	○	○		○
5	●	○				○	○	○		○
6	○	●				○	○	○		○
7	○	●				○	○	○	●	○
8	○	●				○	○	○		○
9	○									

OPTIONS — 410411	
402	SPB7-1
a <input type="checkbox"/> CONTINUOUS ALARM	○
b <input type="checkbox"/> 1 SECOND ALARM	○
403	SPB7-2 -3
a <input type="checkbox"/> INTENSIFIED ONLY	○
b <input type="checkbox"/> BLINK ONLY	○
c <input type="checkbox"/> INTENSIFIED & BLINK	○
406	
a <input type="checkbox"/> ALPHA IN NUMERIC FIELD	●
b <input type="checkbox"/> ALPHA NOT IN NUMERIC FIELD	○
404	SPB7-5
a <input type="checkbox"/> TERMINATE W/ETX	○
b <input type="checkbox"/> TERMINATE W/SUB ENQ.	○
408	SPB7-6
a <input type="checkbox"/> ASCII	○
b <input type="checkbox"/> EBCDIC	○
407 (Num Lock S.F.)	SPB7-8
a <input type="checkbox"/> ENABLED	○
b <input type="checkbox"/> DISABLED	○

When 48 line modification kit is used with 410535 change B8-8 to ON.



PER STATION WORKSHEET, HIGHEST DCC CONNECTED TO SCC IS				
	A	B	C	D
SPB3-1	●	○	○	○
SPB3-2	○	●	○	○
SPB3-3	○	○	●	○
SPB3-4	○	○	○	●

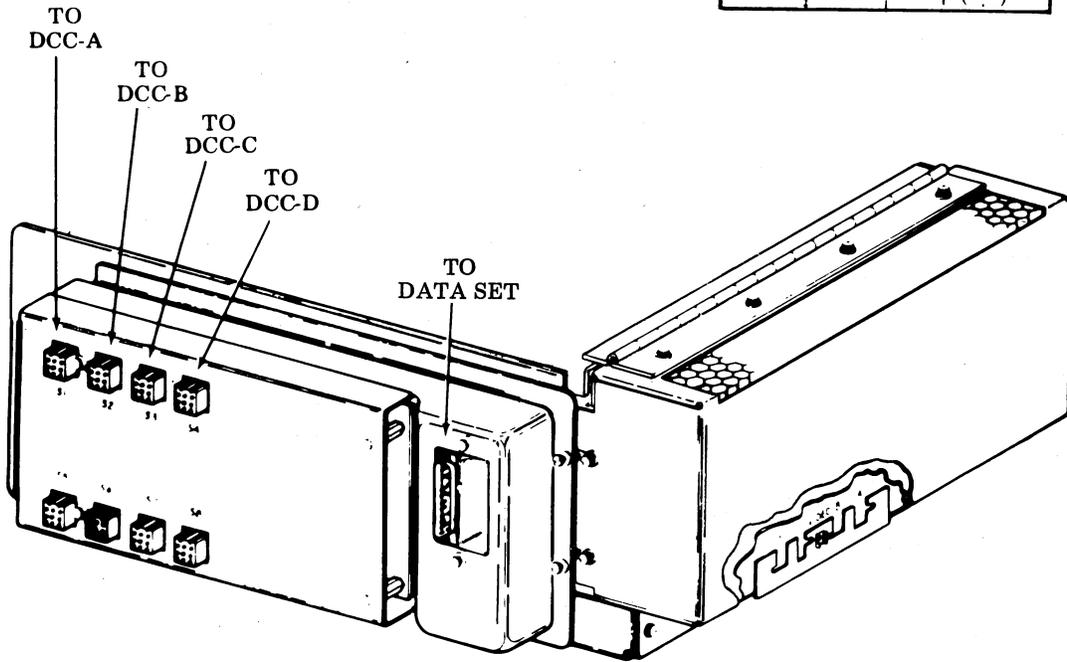
See adjacent page for connections and terminal IDs.

SCC — Controller Arrangement Form  
 HANDLES: Up To 4-DCCs

CARD POSITION	I/O SOCKET	STATION WORK SHEET	DEVICE ADDRESS ††
5	S1	DCC-A	S P A B C D E
5	S2	DCC-B	F G H I [ •
5	S3	DCC-C	< ( + ! & J
5	S4	DCC-D	K L M N O P
3	DS	DATA SET	

†† ASCII and EBCDIC graphics are the same, except for

ASCII	EBCDIC
[	⌘ (⌘)##
	(!)



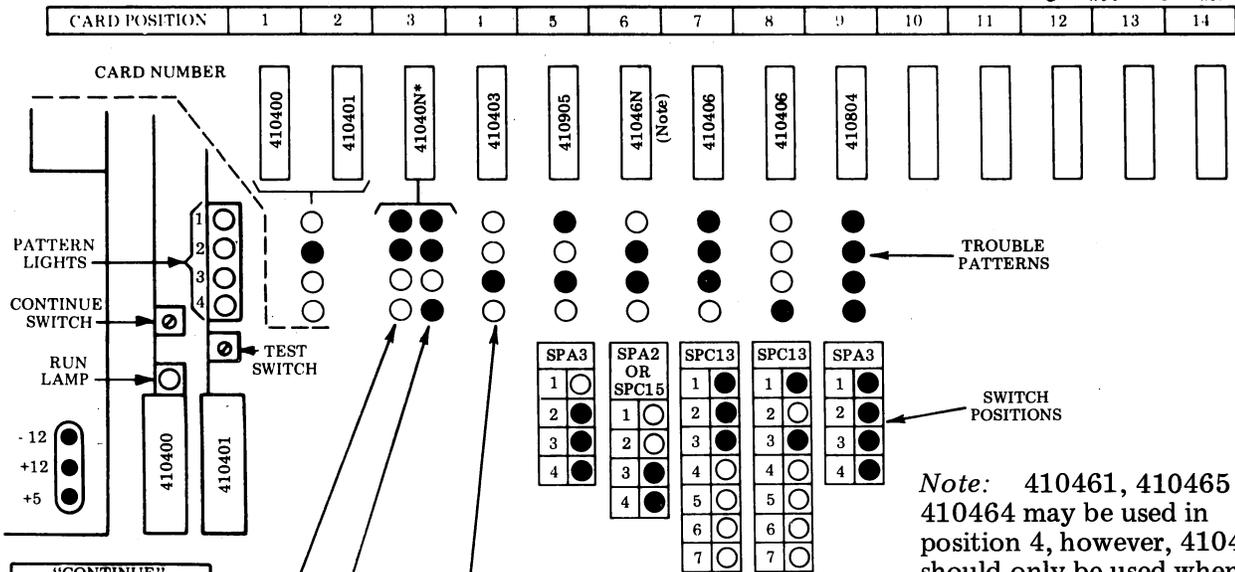
## Characters in parentheses are displayed as the device addresses in local test when using EBCDIC line code.

SECTION 582-200-300

SCC — Controller Arrangement Form  
 LINE CODE: ASCII  EBCDIC   
 USOC: 4TT  
 HANDLES: Up To 6-DCCs

PATTERN LIGHTS OR SWITCH POSITIONS

○ = "OFF" ● = "ON"



"CONTINUE" LIGHT PATTERNS		
#	ASCII	EBCDIC
1	●	●
2	●	●
3	○	○
4	●	○

CIU — 41040N**			
SPA5	SPB13	SPB15	SPD20
1	○	●	○
2	●	●	○
3	●	●	●
4	○	●	○
5	○	●	○
6	●	○	○
7	●	○	○
8	●	○	○

SWITCH NUMBER	SWITCH PACK LOCATION								
	C11	A17	A15	A13	B13	B15	B17	C17	C15
1	○				○	○	○		○
2	○				○	○	○		○
3	●				○	○	○		○
4	●				○	○	○		○
5	×				○	○	○		○
6	×				○	○	○		○
7	×				○	○	○		○
8	×				○	○	○		○

OPTIONS — 410403	
402	SPC17 - 1
a	<input type="checkbox"/> CONTINUOUS ALARM
b	<input type="checkbox"/> 1 SECOND ALARM
403	SPC17 - 2 - 3
a	<input type="checkbox"/> INTENSIFIED ONLY
b	<input type="checkbox"/> BLINK ONLY
c	<input type="checkbox"/> INTENSIFIED & BLINK
406	SPC17 - 4
a	<input type="checkbox"/> ALPHA IN NUMERIC FIELD
b	<input type="checkbox"/> ALPHA NOT IN NUMERIC FIELD
404	SPC17 - 5
a	<input type="checkbox"/> TERMINATE W/ETX
b	<input type="checkbox"/> TERMINATE W/SUB ENQ.
408	SPC17 - 6
a	<input type="checkbox"/> ASCII
b	<input type="checkbox"/> EBCDIC
407 (Num Lock S.F.)	SPC17 - 8
a	<input type="checkbox"/> ENABLED
b	<input type="checkbox"/> DISABLED

Note: 410461, 410465 or 410464 may be used in position 4, however, 410464 should only be used when 410461 or 410465 are not available. SPC15 applies to 410461 only.

GRAPHIC DESIGNATIONS  
 OPTION — STATION POLL ADDRESS  
 401 STATION SELECT ADDRESS

PER STATION WORK SHEET HIGHEST DCC CONNECTED TO SCC IS						
	A	B	C	D	E	F
SPA13-1	●	○	○	○	○	○
SPA13-2	○	●	○	○	○	○
SPA13-3	○	○	●	○	○	○
SPA13-4	○	○	○	●	○	○
SPA13-5	○	○	○	○	●	○
SPA13-6	○	○	○	○	○	●

\*\*ASCII — 410408  
 EBCDIC — 410409

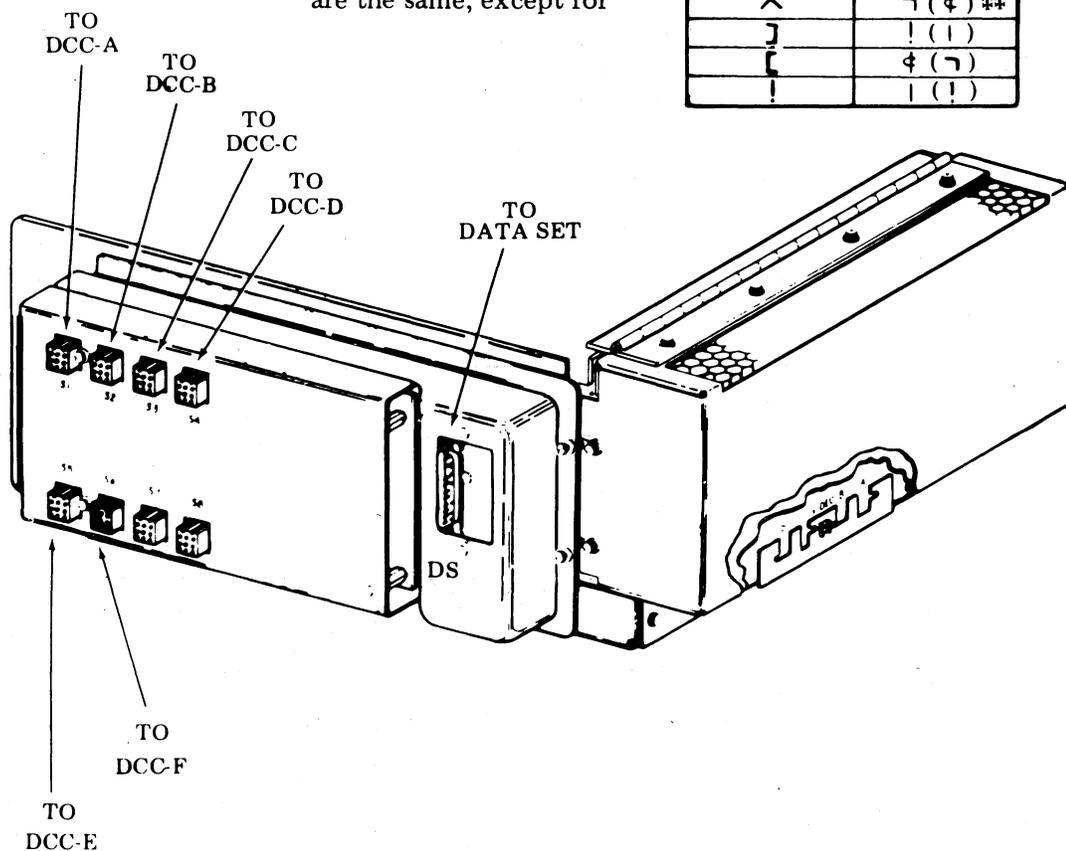
See adjacent page for connections and terminal IDs.

SCC -- Controller Arrangement Form  
 HANDLES: Up To 6-DCCs

CARD POSITION	I/O SOCKET	STATION WORK SHEET	DEVICE ADDRESS††
3	DS	DATA SET	
7	S1	DCC-A	S P A B C D E
7	S2	DCC-B	F G H I [ .
7	S3	DCC-C	< ( + ! & J
7	S4	DCC-D	K L M N O P
8	S5	DCC-E	Q R ] \$ * )
8	S6	DCC-F	; ^ - / S T

†† ASCII and EBCDIC graphics are the same, except for

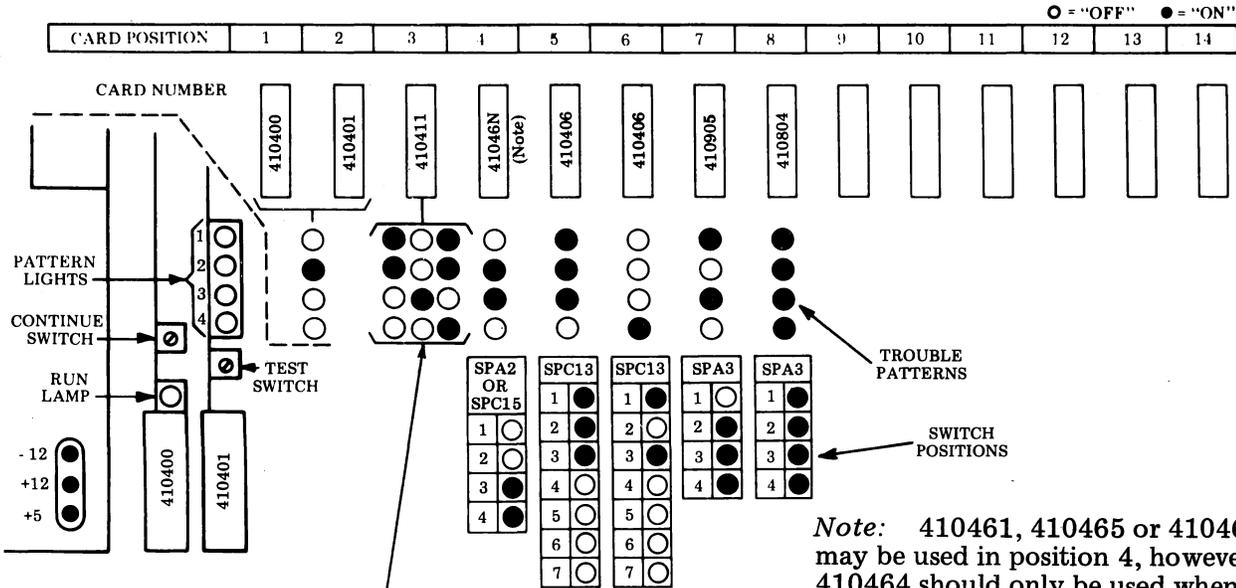
ASCII	EBCDIC
^	7 (4) ##
]	! (1)
[	4 (7)
!	(!)



##Characters in parentheses are displayed as the device addresses in local test when using EBCDIC line code.

SCC — Controller Arrangement Form  
 LINE CODE: ASCII  EBCDIC   
 USOC: 4TT  
 HANDLES: Up To 6-DCCs

PATTERN LIGHTS OR SWITCH POSITIONS



Note: 410461, 410465 or 410464 may be used in position 4, however, 410464 should only be used when 410461 or 410465 are not available. SPC15 applies to 410461 only.

"CONTINUE" LIGHT PATTERNS  
 There are no continue patterns

Caution: PROMs 450013, 450014, 450015 and 450016 on 410804 must be Issue 3 or later.

CIU/PIT/SID		410411								
SWITCH NUMBER	SWITCH PACK LOCATION									
	A21	B12	B1	B2	B3	B4	B5	B6	B7	B8
1	○	●				○	○	○		○
2	●	●				○	○	○		○
3	●	●				○	○	○		○
4	●	○				○	○	○		○
5	●	○				○	○	○		○
6	○	●				○	○	○		○
7	○	●			○	○	○	○	●	○
8	○	●			○	○	○	○		○
9	○	○								○

OPTIONS 410411	
402	SPB7-1
a <input type="checkbox"/> CONTINUOUS ALARM	○
b <input type="checkbox"/> 1 SECOND ALARM	○
403	SPB7-2-3
a <input type="checkbox"/> INTENSIFIED ONLY	○
b <input type="checkbox"/> BLINK ONLY	○
c <input type="checkbox"/> INTENSIFIED & BLINK	○
406	SPB7-4
a <input type="checkbox"/> ALPHA IN NUMERIC FIELD	○
b <input type="checkbox"/> ALPHA NOT IN NUMERIC FIELD	○
404	SPB7-5
a <input type="checkbox"/> TERMINATE W/ETX	○
b <input type="checkbox"/> TERMINATE W/SUB ENQ.	○
408	SPB7-6
a <input type="checkbox"/> ASCII	○
b <input type="checkbox"/> EBCDIC	○
407 (Num Lock S.F.)	SPB7-8
a <input type="checkbox"/> ENABLED	○
b <input type="checkbox"/> DISABLED	○

GRAPHIC DESIGNATIONS

OPTION 401 STATION POLL ADDRESS  
 STATION SELECT ADDRESS

PER STATION WORK SHEET HIGHEST DCC CONNECTED TO SCC IS						
	A	B	C	D	E	F
SPB3-1	●	○	○	○	○	○
SPB3-2	○	●	○	○	○	○
SPB3-3	○	○	●	○	○	○
SPB3-4	○	○	○	●	○	○
SPB3-5	○	○	○	○	●	○
SPB3-6	○	○	○	○	○	●

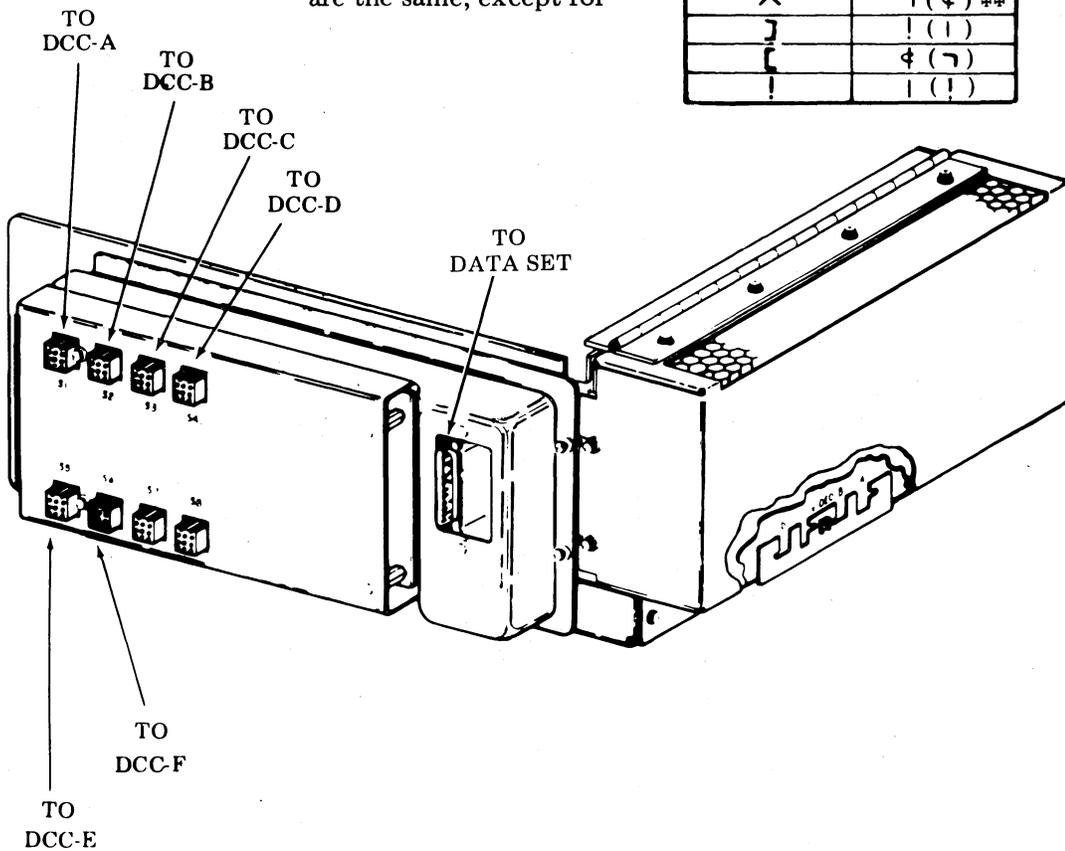
See adjacent page for connections and terminal IDs.

SCC — Controller Arrangement Form  
 HANDLES: Up to 6-DCCs

CARD POSITION	I/O SOCKET	STATION WORK SHEET	DEVICE ADDRESS ††
3	DS	DATA SET	
5	S1	DCC-A	S P A B C D E
5	S2	DCC-B	F G H I [ .
5	S3	DCC-C	< ( + ! & J
5	S4	DCC-D	K L M N O P
6	S5	DCC-E	Q R ] \$ * )
6	S6	DCC-F	; ^ - / S T

†† ASCII and EBCDIC graphics are the same, except for

ASCII	EBCDIC
^	7 (4) ##
]	! (1)
[	4 (7)
!	1 (!)



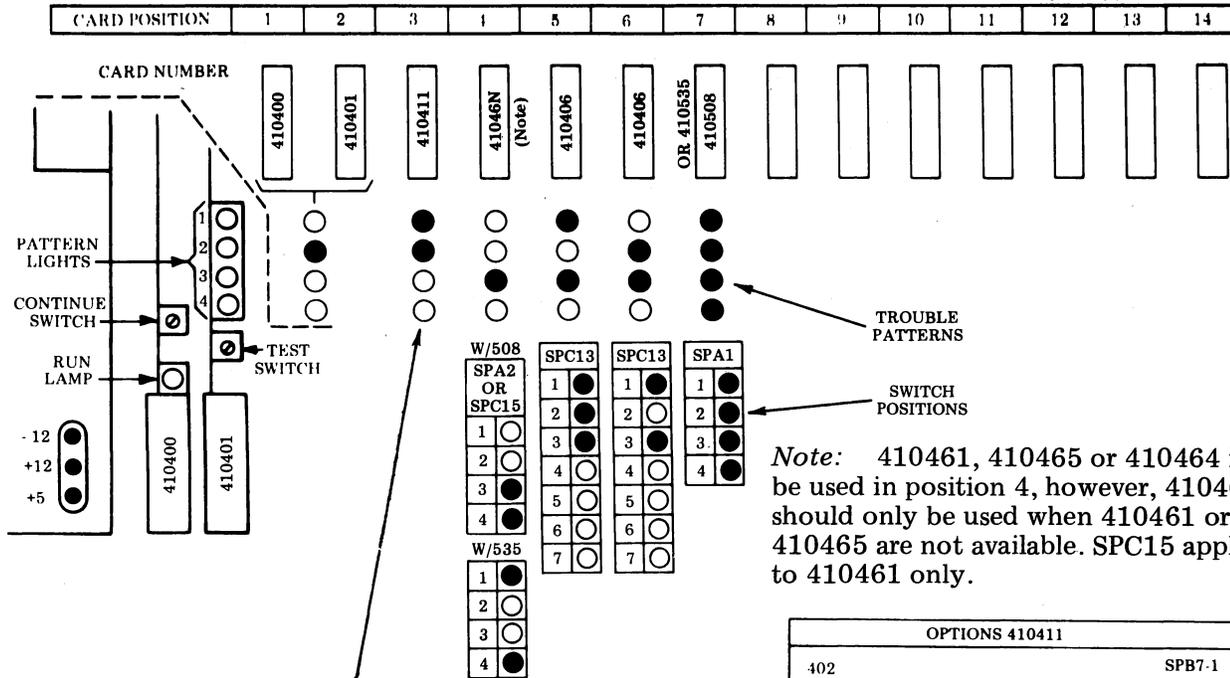
## Characters in parentheses are displayed as the device addresses in local test when using EBCDIC line code.

SECTION 582-200-300

SCC — Controller Arrangement Form  
 LINE CODE: ASCII  EBCDIC   
 USOC: 4TT  
 HANDLES: Up To 6-DCCs

PATTERN LIGHTS OR SWITCH POSITIONS

○ = "OFF" ● = "ON"



Note: 410461, 410465 or 410464 may be used in position 4, however, 410464 should only be used when 410461 or 410465 are not available. SPC15 applies to 410461 only.

"CONTINUE" LIGHT PATTERN  
 There are no continue patterns

CIU/PIT/SID		410411								
SWITCH NUMBER	SWITCH PACK LOCATION									
	A21	B12	B1	B2	B3	B4	B5	B6	B7	B8
1	○	●				○	○	○		○
2	●	●				○	○	○		○
3	●	●				○	○	○		○
4	●	○				○	○	○		○
5	●	○				○	○	○		○
6	○	●				○	○	○		○
7	○	●				○	○	○	●	○
8	○	●				○	○	○		○
9	○									

OPTIONS 410411	
402	SPB7-1
a <input type="checkbox"/> CONTINUOUS ALARM	○
b <input type="checkbox"/> 1 SECOND ALARM	●
403	SPB7-2-3
a <input type="checkbox"/> INTENSIFIED ONLY	○
b <input type="checkbox"/> BLINK ONLY	○
c <input type="checkbox"/> INTENSIFIED & BLINK	○
406	SPB7-4
a <input type="checkbox"/> ALPHA IN NUMERIC FIELD	○
b <input type="checkbox"/> ALPHA NOT IN NUMERIC FIELD	○
404	SPB7-5
a <input type="checkbox"/> TERMINATE W/ETX	○
b <input type="checkbox"/> TERMINATE W/SUB ENQ.	○
408	SPB7-6
a <input type="checkbox"/> ASCII	○
b <input type="checkbox"/> EBCDIC	○
407 (Num Lock S.F.)	SPB7-8
a <input type="checkbox"/> ENABLED	○
b <input type="checkbox"/> DISABLED	○

GRAPHIC DESIGNATIONS

OPTION 401 STATION POLL ADDRESS  
 STATION SELECT ADDRESS

When 48 line modification kit is used with 410535, change B8-8 to ON.

PER STATION WORK SHEET HIGHEST DCC CONNECTED TO SCC IS						
	A	B	C	D	E	F
SPB3-1	●	○	○	○	○	○
SPB3-2	○	●	○	○	○	○
SPB3-3	○	○	●	○	○	○
SPB3-4	○	○	○	●	○	○
SPB3-5	○	○	○	○	●	○
SPB3-6	○	○	○	○	○	●

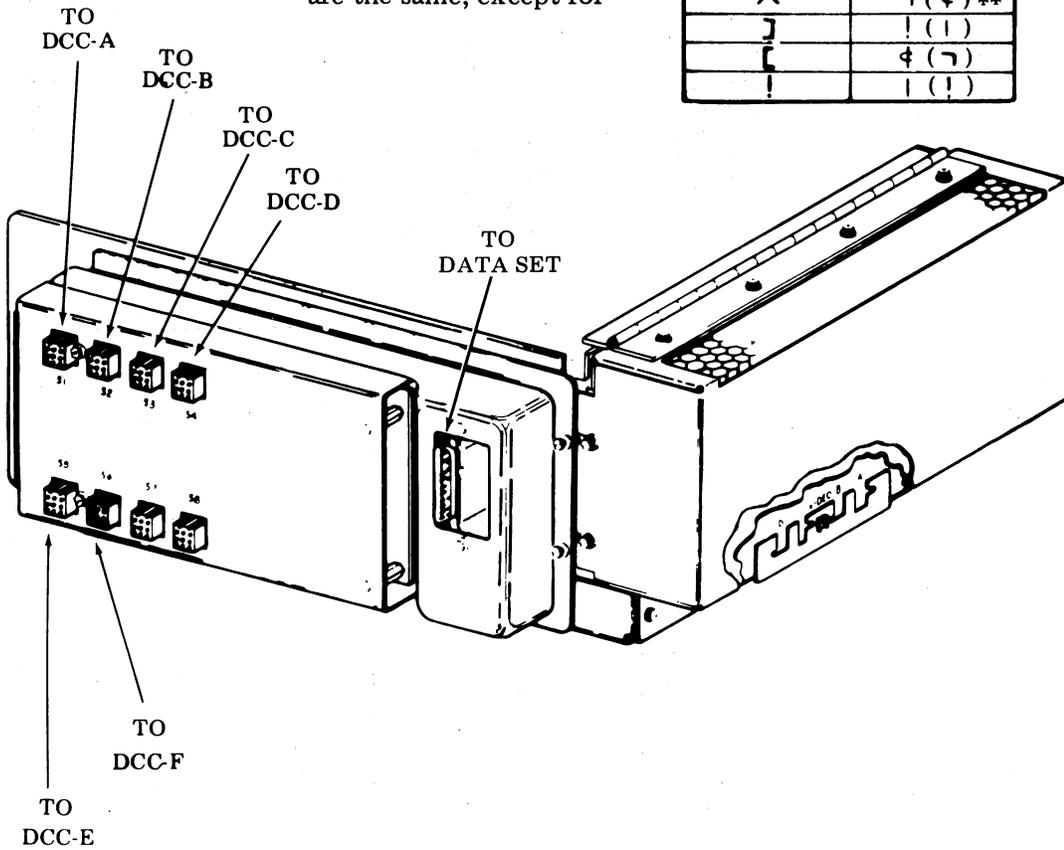
See adjacent page for connections and terminal IDs.

SCC — Controller Arrangement Form  
 HANDLES: Up to 6-DCCs

CARD POSITION	I/O SOCKET	STATION WORK SHEET	DEVICE ADDRESS ††
3	DS	DATA SET	
5	S1	DCC-A	SP A B C D E
5	S2	DCC-B	F G H I [ .
5	S3	DCC-C	< ( + ! & J
5	S4	DCC-D	K L M N O P
6	S5	DCC-E	Q R ] \$ * )
6	S6	DCC-F	; ^ - / S T

†† ASCII and EBCDIC graphics are the same, except for

ASCII	EBCDIC
^	7 (φ) ##
]	! (I)
[	φ (7)
!	! (I)



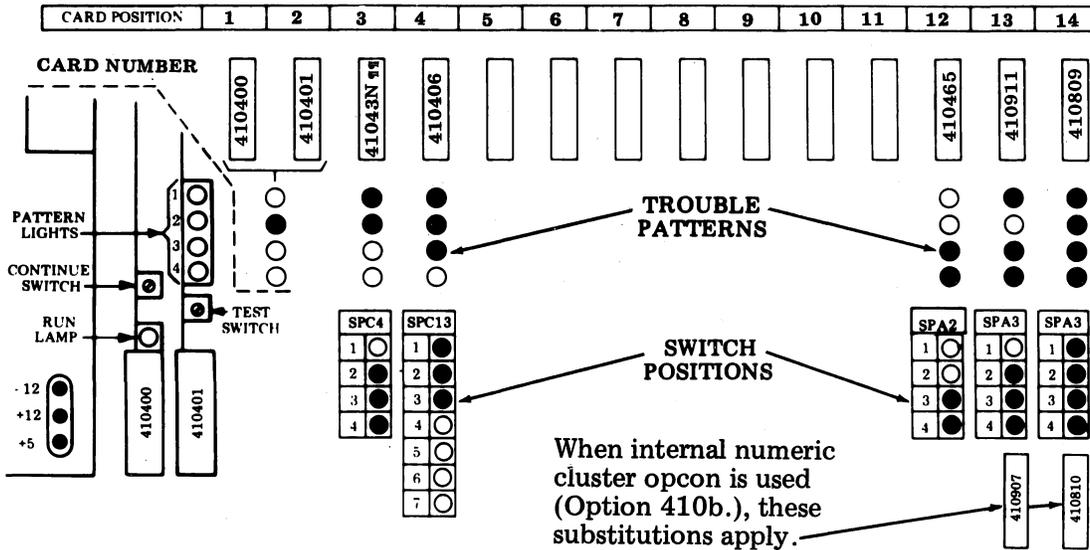
## Characters in parentheses are displayed as the device addresses in local test when using EBCDIC line code.

SECTION 582-200-300

DCC — Controller Arrangement Form  
 DCC: A  B  C  D  E  F   
 USOC: 4TV + 2-(4TOX+ OR 4TPX+)  
 HANDLES: 1 KD & 1 PTR (Not Print Local)

PATTERN LIGHTS OR SWITCH POSITIONS

○ = "OFF" ● = "ON"



"CONTINUE" LIGHT PATTERNS				
1	○	●	○	○
2	○	○	○	○
3	○	○	○	○
4	○	○	○	○

PRINTER OPTIONS	
PRINTER I/O SOCKET	S7
Friction Feed	
Tractor Feed 80 Col	
Tractor Feed 132 Col	
17. Specify Right Margin	
Specify Left Margin	
18a. No Paper Feed Out	
18b. Paper FO on "RM" Loss	
18c. Paper FO on "RM" Loss and ETX	
19d. 96 Character Set	
19e. 64 Character Set	
19f. Ext ASCII Set	
20a. Single LF	
20b. Double LF	
21a. Lower and Upper Case Print	
21b. Lower Case Prints as Upper Case	
22a. Lower Case Prints as Error	
22b. Lower Case Prints as Upper Case	
39a. Forms On	
39b. Forms Off	
48a. Paper Out Not Gated W/FF	
48b. Paper Out Gated W/FF	

¶¶ 41043N — any D I/O circuit card.

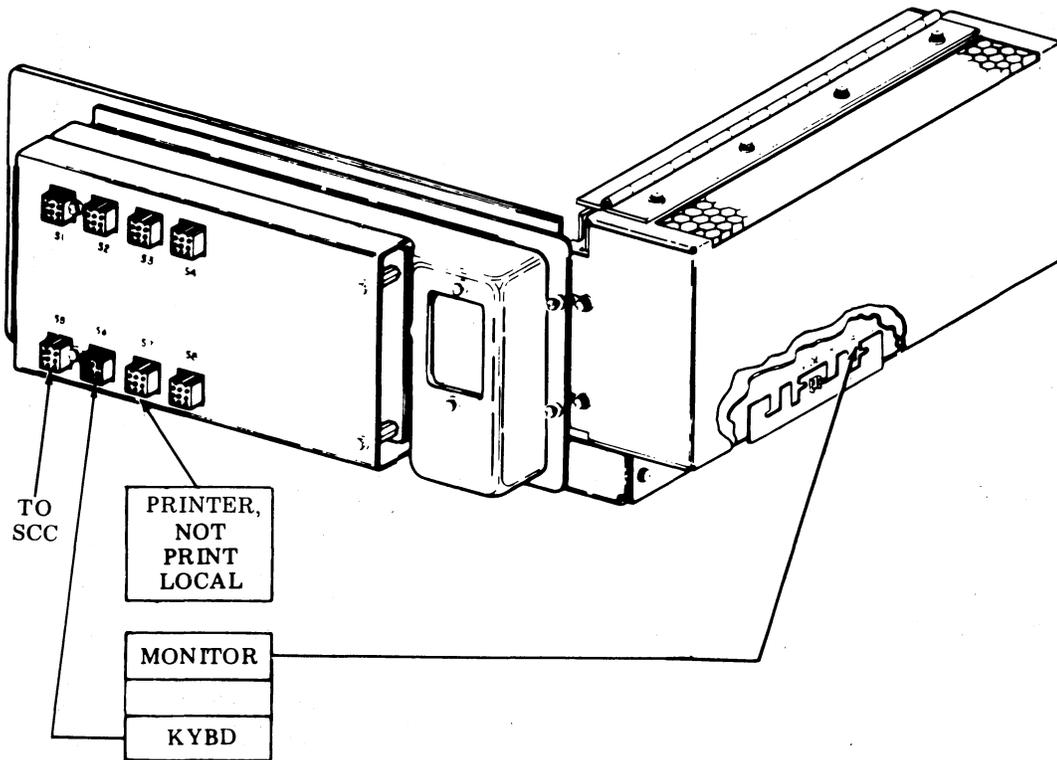
See adjacent page for connections and device addresses.

DCC -- Controller Arrangement Form  
 HANDLES: 1-KD & 1-PTR (Not Print Local)

CARD POSITION	I/O SOCKET	DEVICE	STATION WORK SHEET	DEVICE ADDRESS ††					
4	S5	STATION C/C (SCC)	DCC →	A	B	C	D	E	F
4 & 3	S6 & A	KEYBOARD/DISPLAY	DEVICE ROW 1	Sp	F	<	K	Q	;
4	S7	PRINTER (N LOC)	DEVICE ROW 2	A	G	(	L	R	^

†† ASCII and EBCDIC graphics are the same, except for

ASCII	EBCDIC
^	~ ( ) **



\*\* Character in parentheses is displayed as the device address in local test when using EBCDIC line code.

SECTION 582-200-300

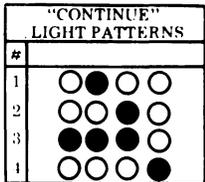
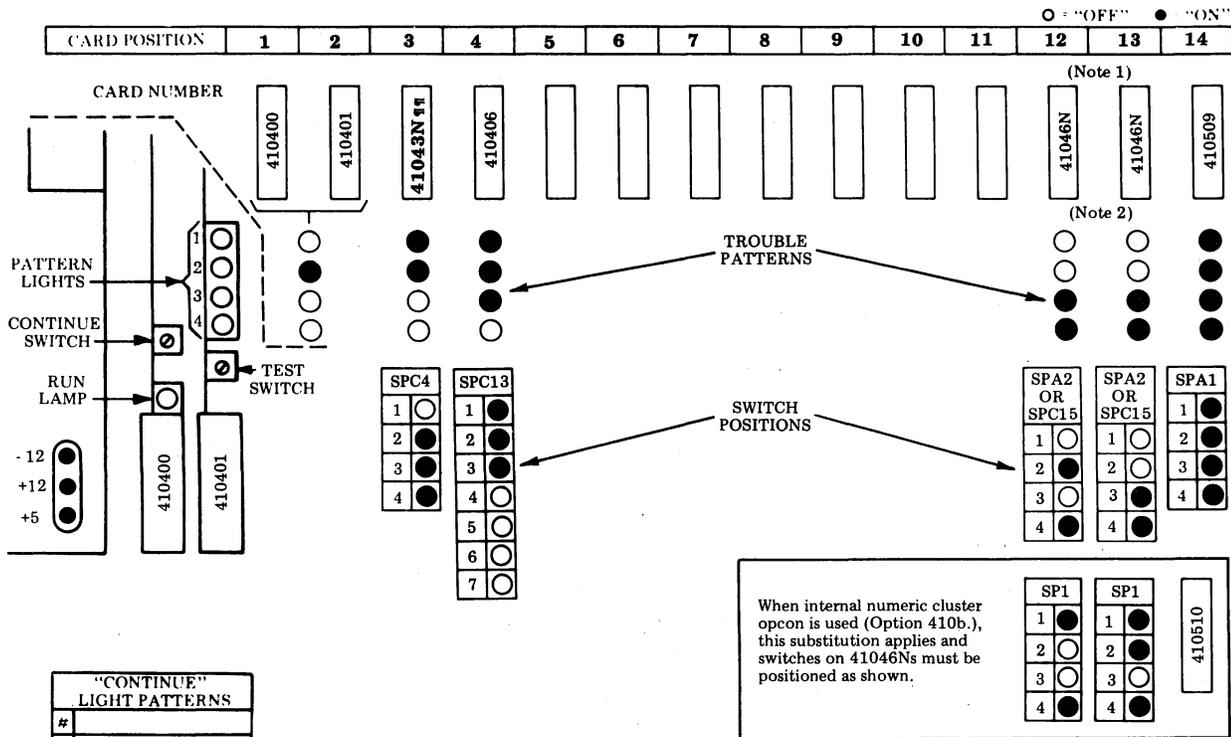
DCC — Controller Arrangement Form

DCC: A  B  C  D  E  F

USOC: 4TV+ (4TOX+ OR 4TPX+)

HANDLES: 1 KD & Up To 1 PTR (1 Print Local) (See Note.)

PATTERN LIGHTS OR SWITCH POSITIONS



Note 1: Positions 12 and 13 may contain two 410465s or two 410461s or one 410465 and one 410461. SPC15 applies to 410461 only.

Note 2: Same trouble pattern for both 41046Ns — if pattern occurs, replace 41046Ns one at a time until pattern no longer appears.

¶¶ 41043N — any D I/O circuit card.

See adjacent page for connections and device addresses.

OR

PRINTER OPTIONS		S7	S8
PRINTER I/O SOCKET			
Friction Feed			
Tractor Feed 80 Col			
Tractor Feed 132 Col			
17. Specify Right Margin			
Specify Left Margin			
18.a. No Paper Feed Out			
18.b. Paper FO on "RM" Loss			
18.c. Paper FO on "RM" Loss and ETX			
19.d. 96 Character Set			
19.e. 64 Character Set			
19.f. Ext. ASCII Set			
20.a. Single LF			
20.b. Double LF			
21.a. Lower and Upper Case Print			
21.b. Lower Case Prints as Upper Case			
22.a. Lower Case Prints as Error			
22.b. Lower Case Prints as Upper Case			
39.a. Forms on			
39.b. Forms off			
48.a. Paper Out Not Gated W/FF			
48.b. Paper Out Gated W/FF			

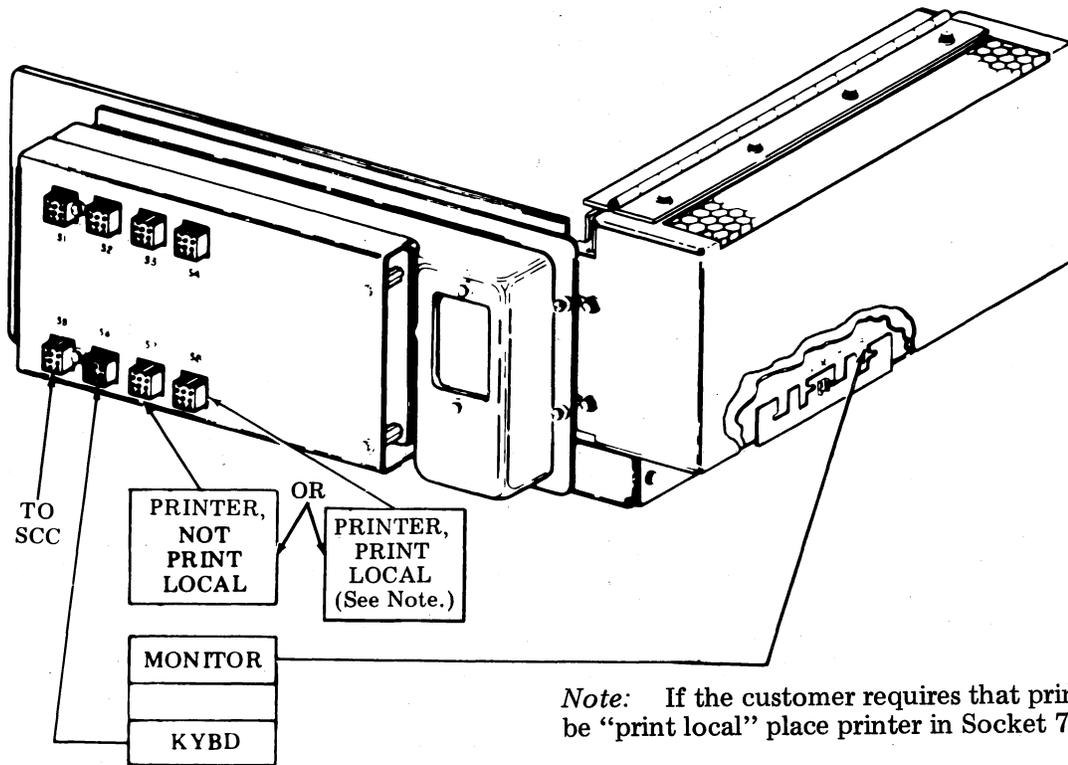
DCC — Controller Arrangement Form

HANDLES: 1 KD & Up To 1 PTR (1 Print Local) (See Note.)

CARD POSITION	I/O SOCKET	DEVICE	STATION WORK SHEET	DEVICE ADDRESS ††					
				A	B	C	D	E	F
4	S5	STATION C/C (SCC)	DCC →	A	B	C	D	E	F
4 & 3	S6 & A	KEYBOARD/DISPLAY	DEVICE ROW 1	Sp	F	<	K	Q	;
4	S7	PRINTER (N LOC)	DEVICE ROW 2	A	G	(	L	R	^
4	S8	PRINTER (LOC)	DEVICE ROW 3	B	H	+	M	]	-

†† ASCII and EBCDIC graphics are the same, except for

ASCII	EBCDIC
^	¬ (φ) ##
]	! ( )



Note: If the customer requires that printer not be "print local" place printer in Socket 7.

##Character in parentheses is displayed as the device address in local test when using EBCDIC line code.

SECTION 582-200-300

DCC - Controller Arrangement Form

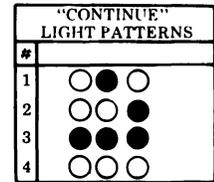
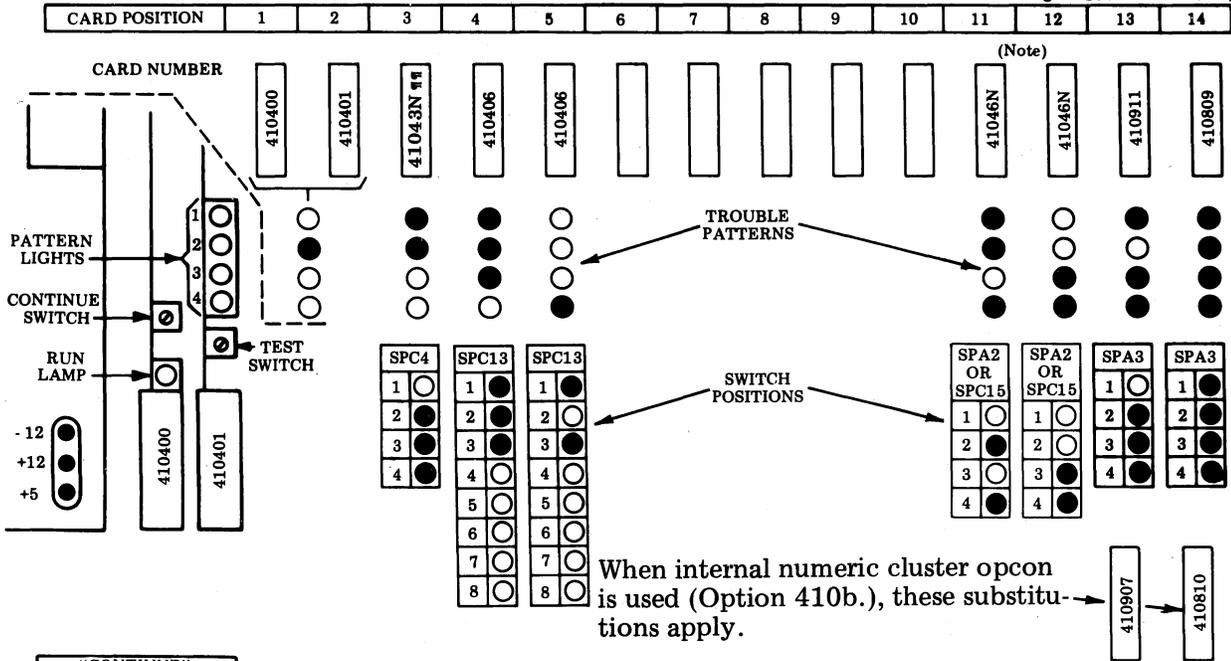
DCC: A  B  C  D  E  F

USOC: 4TV + (4TOX + OR 4TPX+)

HANDLES: 1 KD & Up To 5 PTRs (1 Print Local)

PATTERN LIGHTS OR SWITCH POSITIONS

○ - "OFF" ● - "ON"



Note: Positions 11 and 12 may contain two 41046s or two 410461s or one 410465 and one 410461. SPC15 applies to 410461 only.

41043N - any D I/O circuit card.

See adjacent page for connections and device addresses.

PRINTER OPTIONS					
PRINTER I/O SOCKET	S7	S8	S1	S2	S3
Friction Feed					
Tractor Feed 80 Col					
Tractor Feed 132 Col					
17. Specify Right Margin					
Specify Left Margin					
18.a. No Paper Feed Out					
18.b. Paper FO on "RM" Loss					
18.c. Paper FO on "RM" Loss and ETX					
19.d. 96 Character Set					
19.e. 64 Character Set					
19.f. Ext. ASCII Set					
20.a. Single LF					
20.b. Double LF					
21.a. Lower and Upper Case Print					
21.b. Lower Case Prints as Upper Case					
22.a. Lower Case Prints as Error					
22.b. Lower Case Prints as Upper Case					
39.a. Forms on					
39.b. Forms off					
48.a. Paper Out Not Gated W/FF					
48.b. Paper Out Gated W/FF					

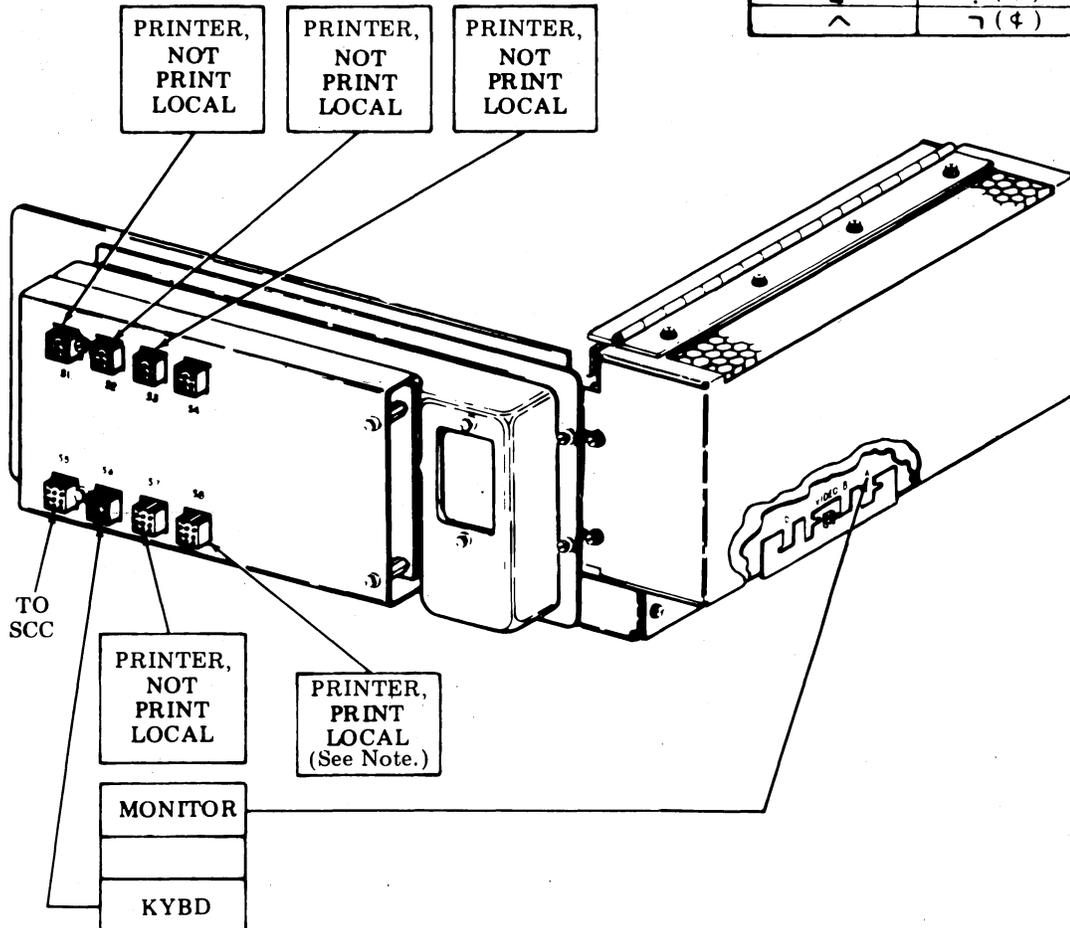
DCC — Controller Arrangement Form  
 HANDLES: 1-KD & Up To 5-PTRs (1 Print Local)

CARD POSITION	I/O SOCKET	DEVICE	STATION WORK SHEET	DEVICE ADDRESS††
4	S5	STATION C/C (SCC)	DCC →	A B C D E F
4 & 3	S6 & A	KEYBOARD/DISPLAY	DEVICE ROW 1	Sp F < K Q ;
4	S7	PRINTER (N LOC)	DEVICE ROW 2	A G ( L R ^
4	S8	PRINTER (LOC)	DEVICE ROW 3	B H + M ] -
5	S1	PRINTER (N LOC)	DEVICE ROW 4	C I   N \$ /
5	S2	PRINTER (N LOC)	DEVICE ROW 5	D [ & O * S
5	S3	PRINTER (N LOC)	DEVICE ROW 6	E . J P ) T

Note: If the customer requires that no printer be "print local", place a 340701 blocking key-top over the PRINT LOCAL position of the KD opcon.

†† ASCII and EBCDIC graphics are the same, except for

ASCII	EBCDIC
[	⌘ (⌘)##
!	! (!)
]	! (!)
^	⌘ (⌘)



##Characters in parentheses are displayed as the device addresses in local test when using EBCDIC line code.

SECTION 582-200-300

DCC — Controller Arrangement Form

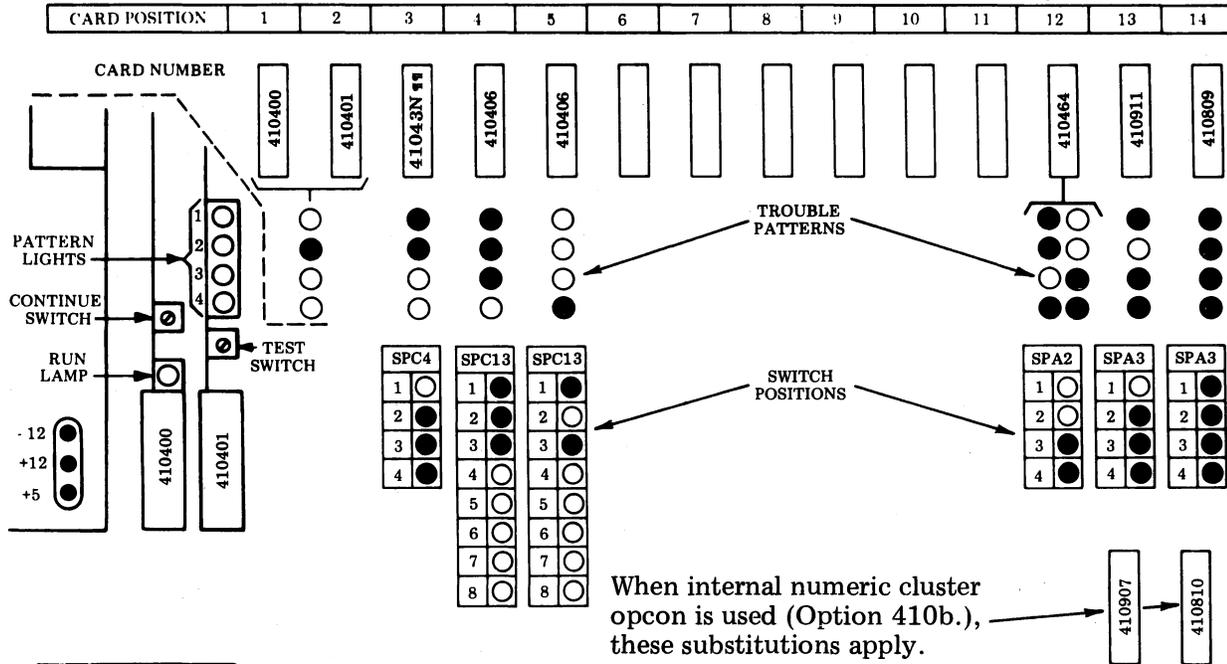
DCC: A  B  C  D  E  F

USOC: 4TV + (4TOX+ OR 4TPX+)

HANDLES: 1 KD & Up To 5 PTRs (1 Print Local)

PATTERN LIGHTS OR SWITCH POSITIONS

○ = "OFF" ● = "ON"



"CONTINUE" LIGHT PATTERNS			
#	1	2	3
1	○	●	○
2	○	○	●
3	●	●	●
4	○	○	○

¶¶ 41043N — any D I/O circuit card.

See adjacent page for connections and device addresses.

PRINTER OPTIONS					
PRINTER I/O SOCKET	S7	S8	S1	S2	S3
Friction Feed					
Tractor Feed 80 Col					
Tractor Feed 132 Col					
17. Specify Right Margin					
Specify Left Margin					
18.a. No Paper Feed Out					
18.b. Paper FO on "RM" Loss					
18.c. Paper FO on "RM" Loss and ETX					
19.d. 96 Character Set					
19.e. 64 Character Set					
19.f. Ext. ASCII Set					
20.a. Single LF					
20.b. Double LF					
21.a. Lower and Upper Case Print					
21.b. Lower Case Prints as Upper Case					
22.a. Lower Case Prints as Error					
22.b. Lower Case Prints as Upper Case					
39.a. Forms on					
39.b. Forms off					
48.a. Paper Out Not Gated W/FF					
48.b. Paper Out Gated W/FF					

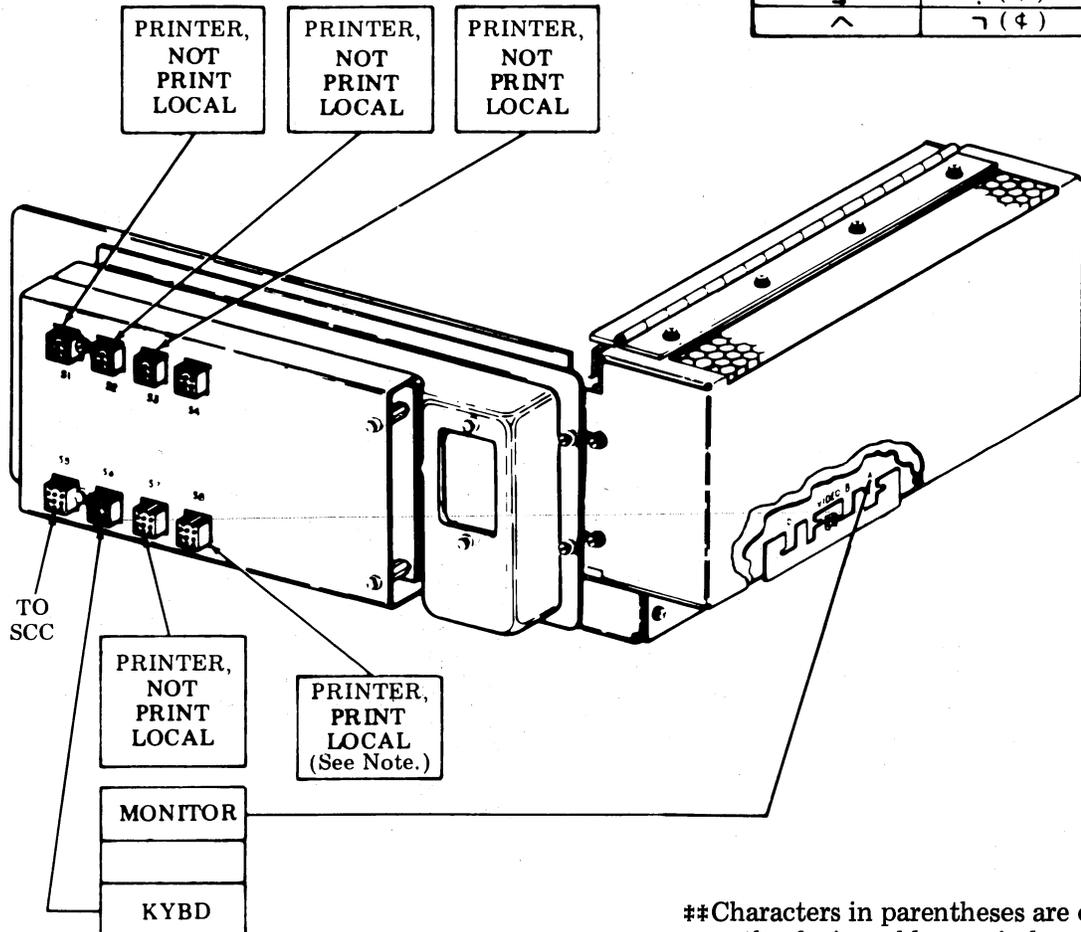
DCC -- Controller Arrangement Form  
 HANDLES: 1-KD & Up To 5-PTRs (1 Print Local)

CARD POSITION	I/O SOCKET	DEVICE	STATION WORK SHEET	DEVICE ADDRESS††					
4	S5	STATION C/C (SCC)	DCC →	A	B	C	D	E	F
4 & 3	S6 & A	KEYBOARD/DISPLAY	DEVICE ROW 1	Sp	F	<	K	Q	;
4	S7	PRINTER (N LOC)	DEVICE ROW 2	A	G	(	L	R	^
4	S8	PRINTER (LOC)	DEVICE ROW 3	B	H	+	M	]	-
5	S1	PRINTER (N LOC)	DEVICE ROW 4	C	I		N	\$	/
5	S2	PRINTER (N LOC)	DEVICE ROW 5	D	L	&	O	*	S
5	S3	PRINTER (N LOC)	DEVICE ROW 6	E	.	J	P	)	T

Note: If the customer requires that no printer be "print local", place a 340701 blocking key-top over the PRINT LOCAL position of the KD opcon.

††ASCII and EBCDIC graphics are the same, except for

ASCII	EBCDIC
[	␣ (⌘) ##
	(!)
]	( )
^	⌘ (␣)



##Characters in parentheses are displayed as the device addresses in local test when using EBCDIC line code.

SECTION 582-200-300

DCC — Controller Arrangement Form

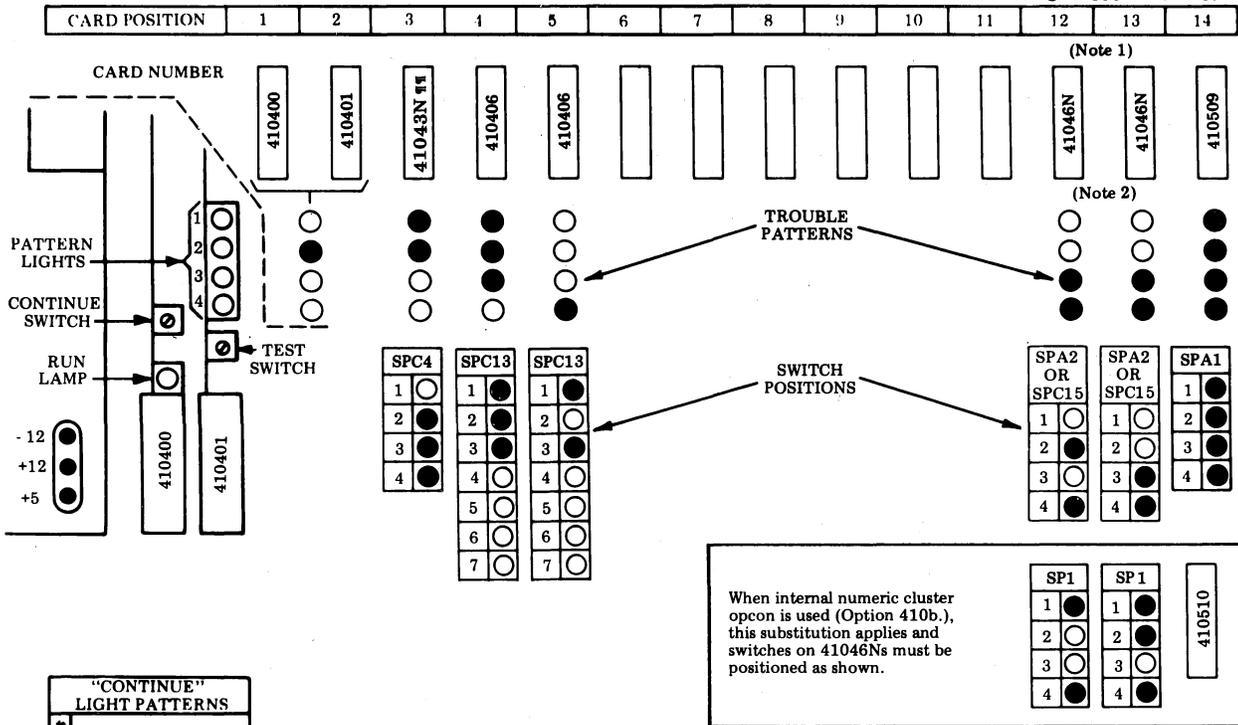
DCC: A  B  C  D  E  F

USOC: 4TV + (4TOX + OR 4TPX+)

HANDLES: 1-KD & Up To 5 PTRs (1 Print Local)

PATTERN LIGHTS OR SWITCH POSITIONS

○ = "OFF" ● = "ON"



"CONTINUE" LIGHT PATTERNS			
#	1	2	3
1	○	●	○
2	○	○	●
3	●	●	●
4	○	○	○

When internal numeric cluster option is used (Option 410b.), this substitution applies and switches on 41046Ns must be positioned as shown.

**Note 1:** Positions 12 and 13 may contain two 410465s or two 410461s or one 410465 and one 410461.

**Note 2:** Same trouble pattern for both 41046Ns — if pattern occurs, replace 41046Ns one at a time until pattern no longer appears. SPC15 applies to 410461 only.

¶¶ 41043N — any D I/O circuit card.

See adjacent page for connections and device addresses.

PRINTER OPTIONS					
PRINTER I/O SOCKET	S7	S8	S1	S2	S3
Friction Feed					
Tractor Feed 80 Col					
Tractor Feed 132 Col					
17. Specify Right Margin					
Specify Left Margin					
18.a. No Paper Feed Out					
18.b. Paper FO on "RM" Loss					
18.c. Paper FO on "RM" Loss and ETX					
19.d. 96 Character Set					
19.e. 64 Character Set					
19.f. Ext. ASCII Set					
20.a. Single LF					
20.b. Double LF					
21.a. Lower and Upper Case Print					
21.b. Lower Case Prints as Upper Case					
22.a. Lower Case Prints as Error					
22.b. Lower Case Prints as Upper Case					
39.a. Forms on					
39.b. Forms off					
48.a. Paper Out Not Gated W/FF					
48.b. Paper Out Gated W/FF					

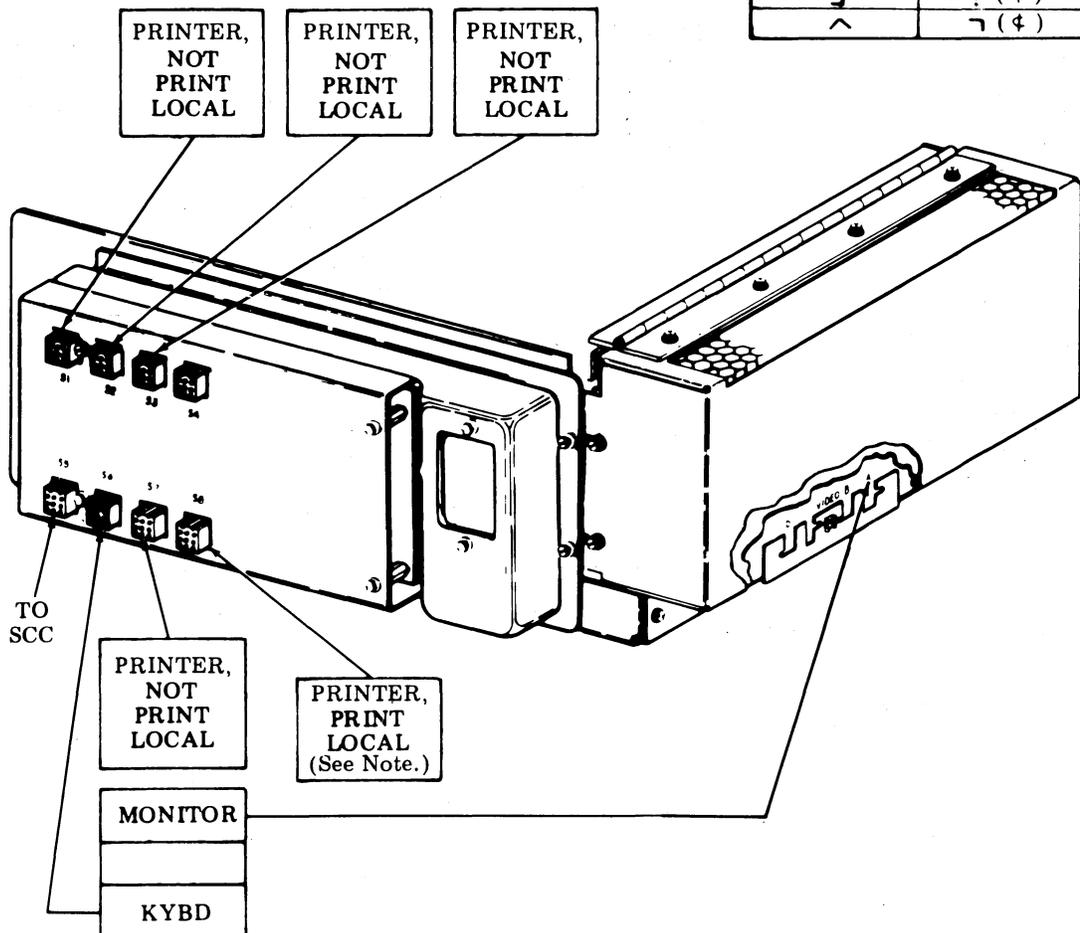
DCC — Controller Arrangement Form  
 HANDLES: 1-KD & Up To 5-PTRs (1 Print Local)

CARD POSITION	I/O SOCKET	DEVICE	STATION WORK SHEET	DEVICE ADDRESS††
4	S5	STATION C/C (SCC)	DCC →	A B C D E F
4 & 3	S6 & A	KEYBOARD/DISPLAY	DEVICE ROW 1	Sp F < K Q ;
4	S7	PRINTER (N LOC)	DEVICE ROW 2	A G ( L R ^
4	S8	PRINTER (LOC)	DEVICE ROW 3	B H + M ] -
5	S1	PRINTER (N LOC)	DEVICE ROW 4	C I   N \$ /
5	S2	PRINTER (N LOC)	DEVICE ROW 5	D [ & O * S
5	S3	PRINTER (N LOC)	DEVICE ROW 6	E . J P ) T

Note: If the customer requires that no printer be "print local", place a 340701 blocking key-top over the PRINT LOCAL position of the KD opcon.

†† ASCII and EBCDIC graphics are the same, except for

ASCII	EBCDIC
[	⌘ ( ) ##
!	! ( ! )
]	! ( ! )
^	⌘ ( \$ )



## Characters in parentheses are displayed as the device addresses in local test when using EBCDIC line code.

SECTION 582-200-300

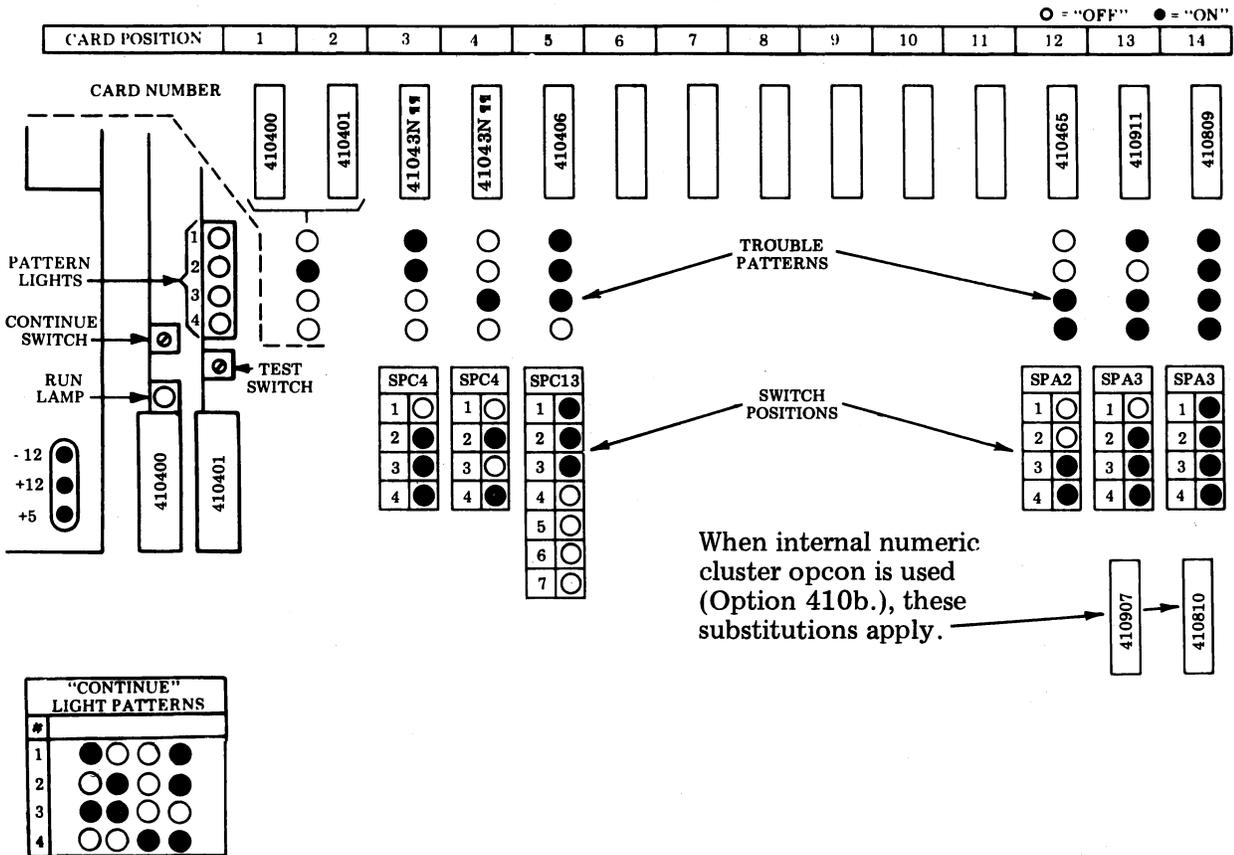
DCC — Controller Arrangement

DCC: A  B  C  D  E  F

USOC: 4TV + 2-(4TOX+ OR 4TPX+)

HANDLES: 2-KDs & 0-PTR

PATTERN LIGHTS OR SWITCH POSITIONS



¶¶ 41043N — any D I/O circuit card.

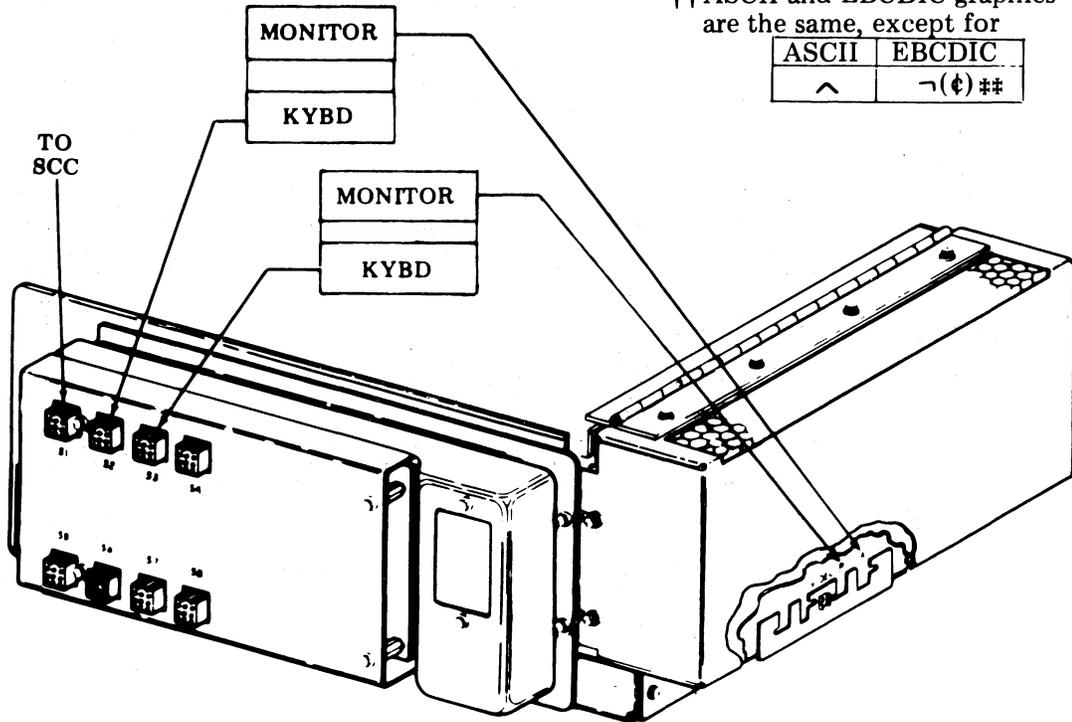
See adjacent page for connections and device addresses.

DCC — Controller Arrangement Form  
 HANDLES: 2-KD & 0-PTR

CARD POSITION	I/O SOCKET	DEVICE	STATION WORK SHEET	DEVICE ADDRESS					
				A	B	C	D	E	F
5	S1	STATION C/C (SCC)	DCC →						
5 & 3	S2 & A	KEYBOARD/DISPLAY (1)	DEVICE ROW 1	Sp	F	<	K	Q	;
5 & 4	S3 & B	KEYBOARD/DISPLAY (2)	DEVICE ROW 2	A	G	(	L	R	^

†† ASCII and EBCDIC graphics are the same, except for

ASCII	EBCDIC
^	~(€)##

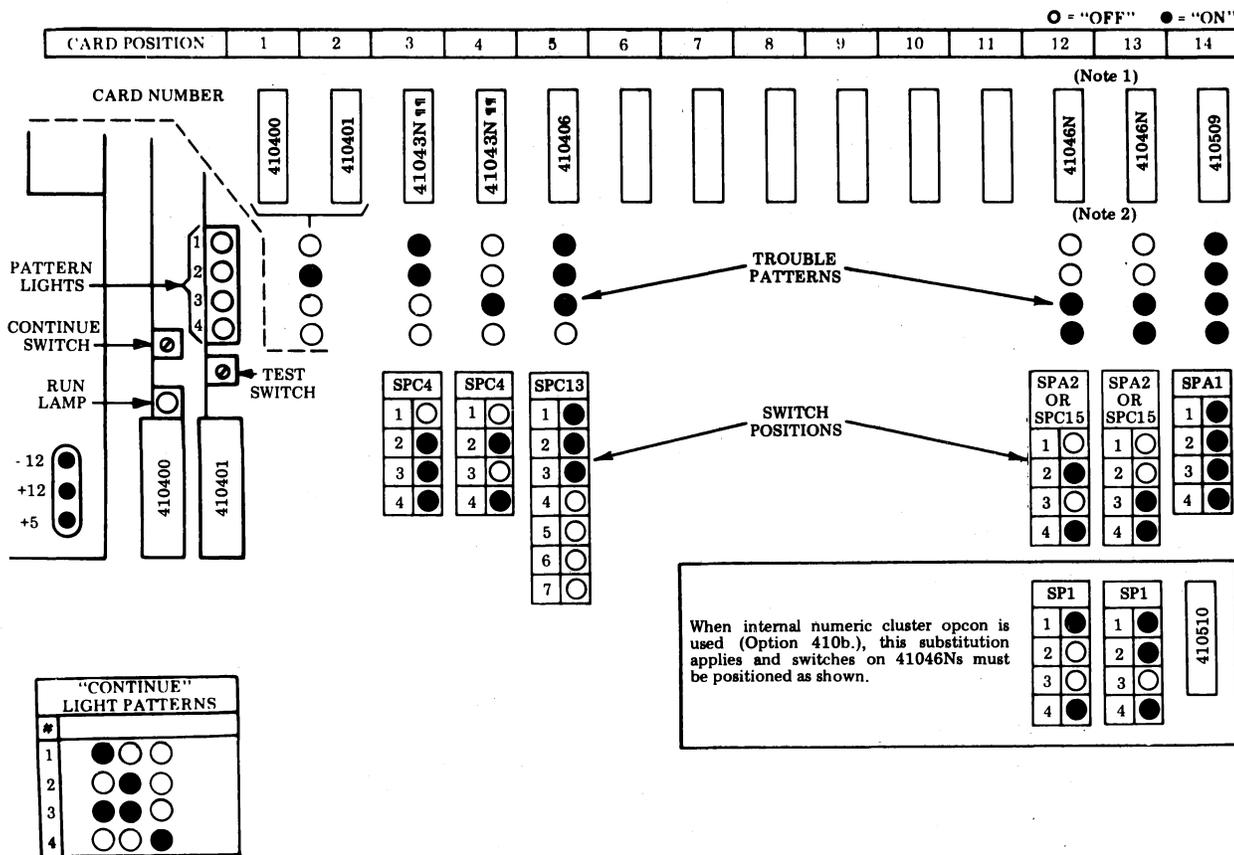


## Characters in parentheses are displayed as the device address in local test when using EBCDIC line code.

SECTION 582-200-300

DCC — Controller Arrangement Form  
 DCC: A  B  C  D  E  F   
 USOC: 4TV + 2-(4TOX+ OR 4TPX+)  
 HANDLES: 2-KDs

PATTERN LIGHTS OR SWITCH POSITIONS



Note 1: Positions 12 and 13 may contain two 410465s or two 410461s or one 410465 and one 410461. SPC15 applies to 410461 only.

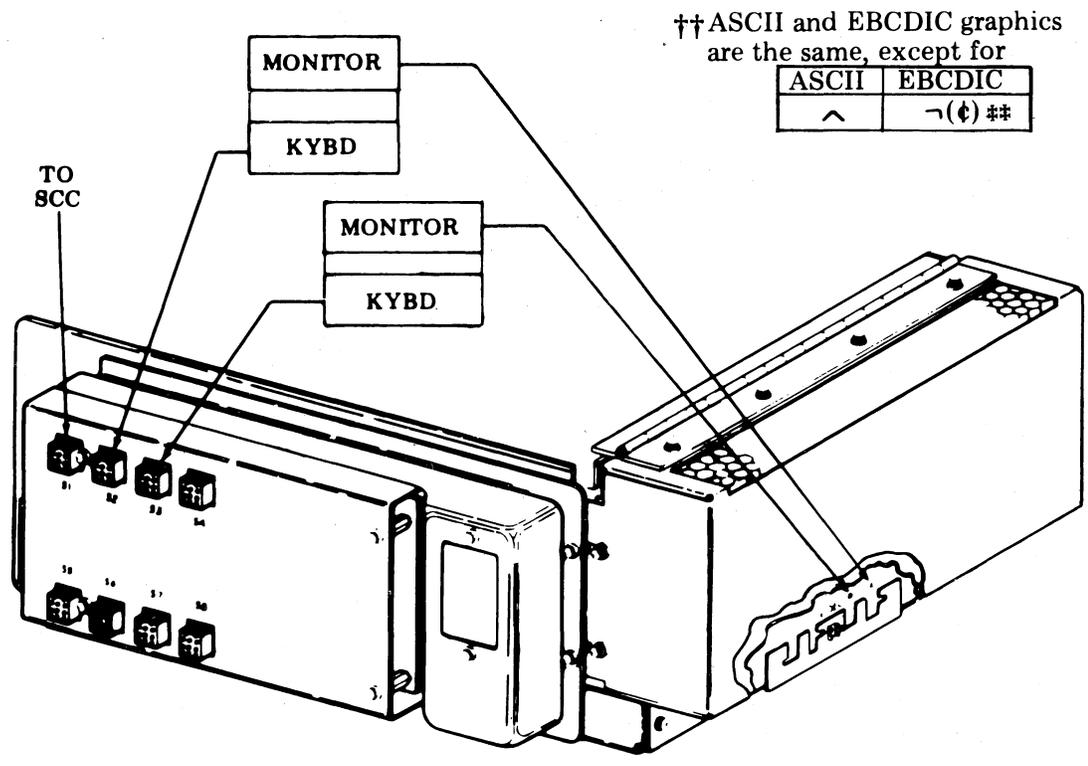
Note 2: Same trouble pattern for both 41046Ns — if pattern occurs, replace 41046Ns one at a time until pattern no longer appears.

¶¶ 41043N — any D I/O circuit card.

See adjacent page for connections and device addresses.

DCC — Controller Arrangement Form  
 HANDLES: 2-KD

CARD POSITION	I/O SOCKET	DEVICE	STATION WORK SHEET	DEVICE ADDRESS ††					
5	S1	STATION C/C (SCC)	DCC →	A	B	C	D	E	F
5 & 3	S2 & A	KEYBOARD/DISPLAY (1)	DEVICE ROW 1	Sp	F	<	K	Q	;
5 & 4	S3 & B	KEYBOARD/DISPLAY (2)	DEVICE ROW 2	A	G	(	L	R	^



†† ASCII and EBCDIC graphics are the same, except for

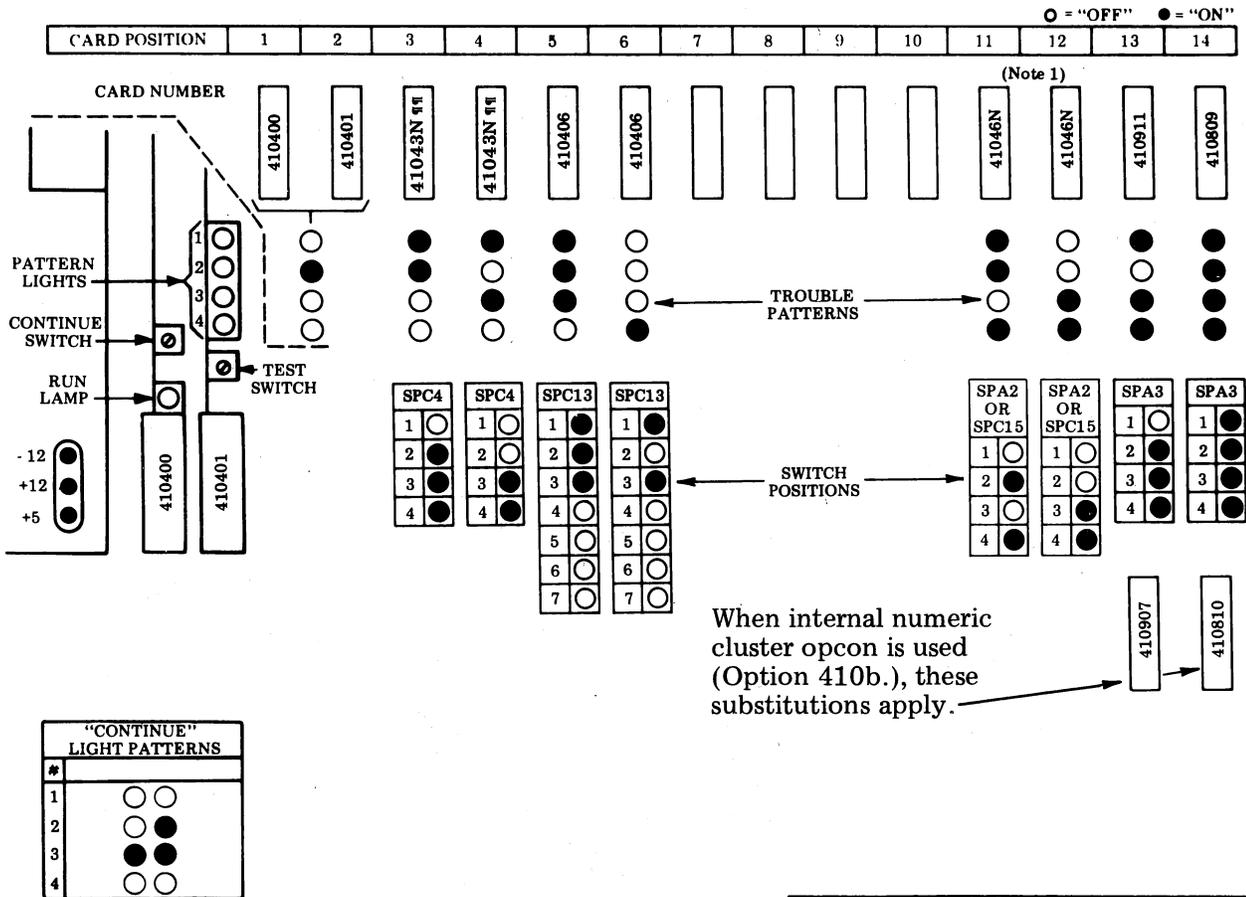
ASCII	EBCDIC
^	~(Ⓢ)##

## Character in parentheses is displayed as the device address in local test when using EBCDIC line code.

SECTION 582-200-300

DCC — Controller Arrangement Form  
 DCC: A  B  C  D  E  F   
 USOC: 4TV + 2-(4TOX+ OR 4TPX+)  
 HANDLES: 2-KDs & Up To 4-PTRs (2 Print Local)

PATTERN LIGHTS OR SWITCH POSITIONS



Note 1: Positions 11 and 12 may contain two 410465s or two 410461s or one 410465 and one 410461. SPC15 applies to 410461 only.

Note 2: Printer associated with I/O socket S4 will be print local for KD in I/O socket S2 & A. Printer in I/O socket S7 is print local to KD in I/O socket S5 & B. If no printer is in I/O socket S7, the printer in I/O socket S4 will be print local to both KDs. See Note 3.

¶¶ 41043N — any D I/O circuit card.

See adjacent page for connections and device addresses.

PRINTER OPTIONS				
PRINTER I/O SOCKET	S3	S4	S6	S7
Friction Feed				
Tractor Feed 80 Col				
Tractor Feed 132 Col				
17. Specify Right Margin				
Specify Left Margin				
18.a. No Paper Feed Out				
18.b. Paper FO on "RM" Loss				
18.c. Paper FO on "RM" Loss and ETX				
19.d. 96 Character Set				
19.e. 64 Character Set				
19.f. Ext. ASCII Set				
20.a. Single LF				
20.b. Double LF				
21.a. Lower and Upper Case Print				
21.b. Lower Case Prints as Upper Case				
22.a. Lower Case Prints as Error				
22.b. Lower Case Prints as Upper Case				
39.a. Forms on				
39.b. Forms off				
48.a. Paper Out Not Gated W/FF				
48.b. Paper Out Gated W/FF				

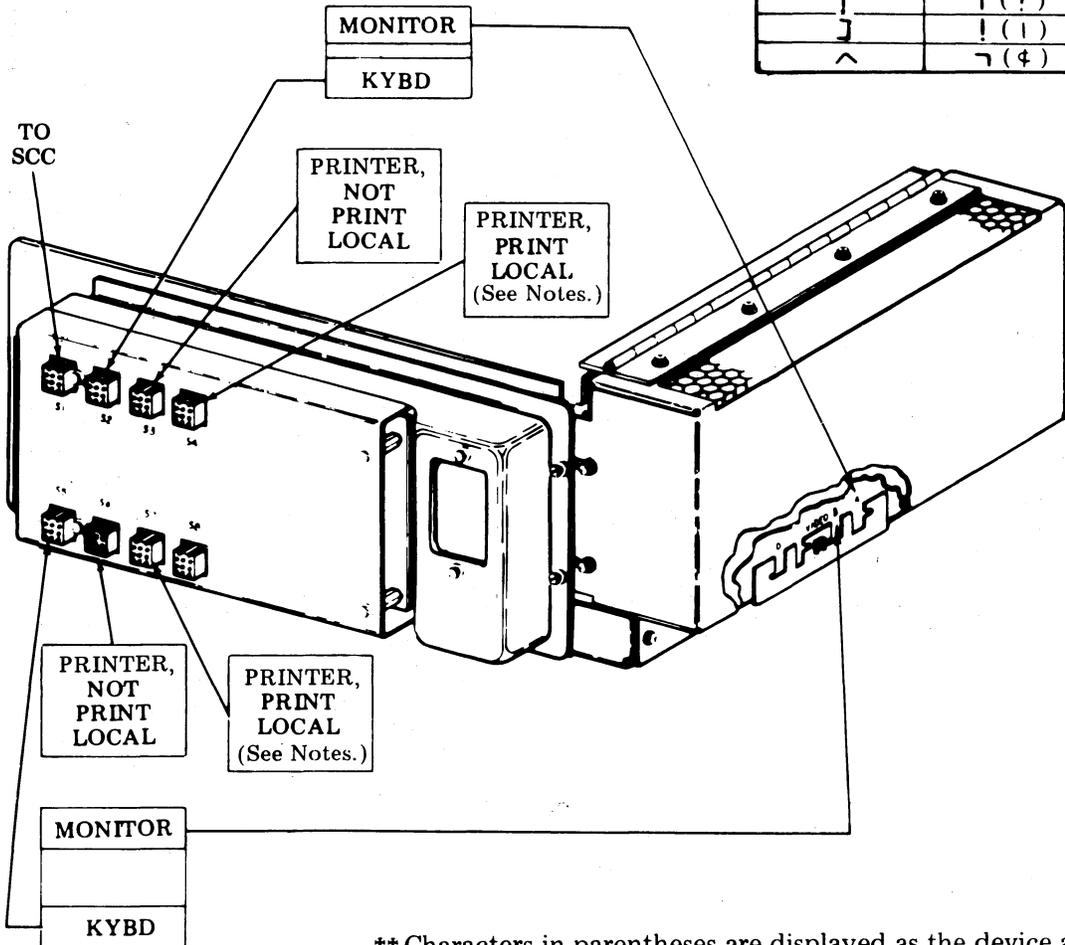
DCC — Controller Arrangement Form  
 HANDLES: 2-KDs & Up To 4-PTRs (2 Print Local)

CARD POSITION	I/O SOCKET	DEVICE	STATION WORK SHEET	DEVICE ADDRESS					
				A	B	C	D	E	F
5	S1	STATION C/C (SCC)	DCC →						
5 & 3	S2 & A	KEYBOARD/DISPLAY	DEVICE ROW 1	Sp	F	<	K	Q	;
5	S3	PRINTER (N LOC)	DEVICE ROW 2	A	G	(	L	R	^
5	S4	PRINTER (NOTES)	DEVICE ROW 3	B	H	+	M	]	-
6 & 4	S5 & B	KEYBOARD/DISPLAY	DEVICE ROW 4	C	I	!	N	\$	/
6	S6	PRINTER (N LOC)	DEVICE ROW 5	D	[	&	O	*	S
6	S7	PRINTER (NOTES)	DEVICE ROW 6	E	.	J	P	)	T

Note 3: If the customer requires that print local operation be prohibited from both KDs or just one KD, place a 340701 blocking keytop over the PRINT LOCAL position of the appropriate KD opcon(s).

†† ASCII and EBCDIC graphics are the same, except for

ASCII	EBCDIC
[	⌘ (⌘) ##
	(!)
]	! (!)
^	⌘ (⌘)

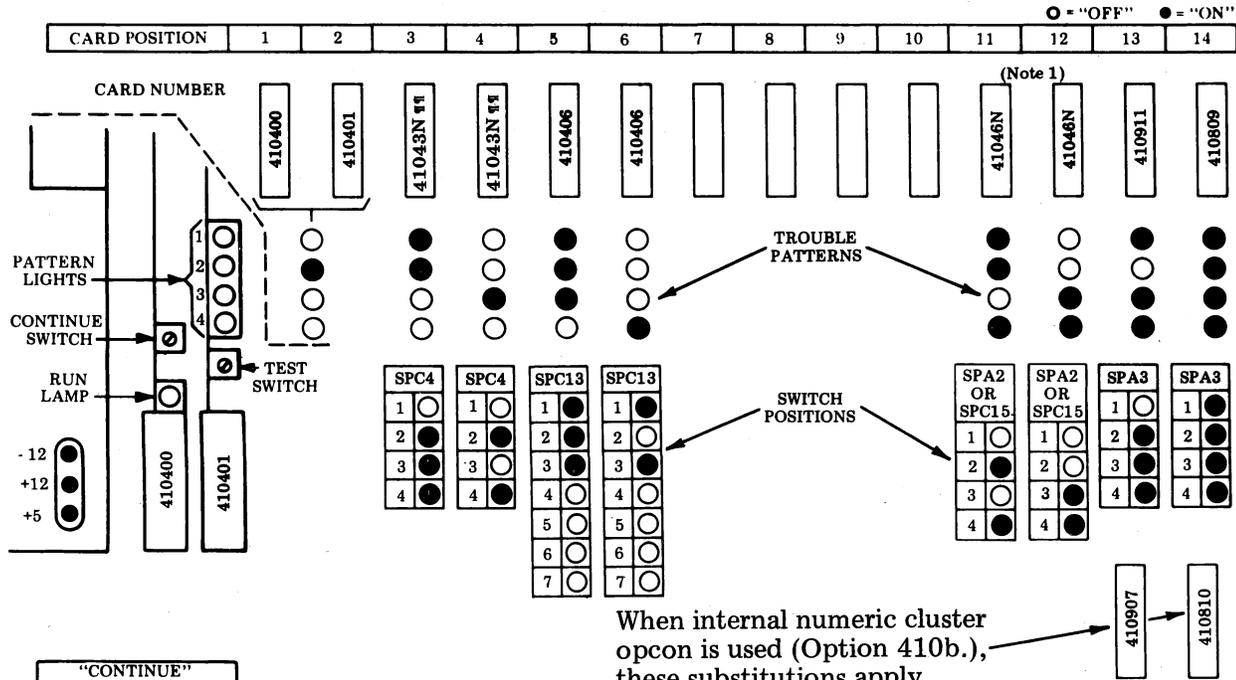


## Characters in parentheses are displayed as the device addresses in local test when using EBCDIC line code.

SECTION 582-200-300

DCC — Controller Arrangement Form  
 DCC: A  B  C  D  E  F   
 USOC: 4TV + 2-(4TOX + OR 4TPX+)  
 HANDLES: 2-KDs & Up to 4-PTRs (1 Print Local)

PATTERN LIGHTS OR SWITCH POSITIONS



"CONTINUE" LIGHT PATTERNS	
#	
1	● ○
2	○ ●
3	● ●
4	○ ○

Note 1: Positions 11 and 12 may contain two 410465s or two 410461s or one 410465 and one 410461. SPC15 applies to 410461 only.

Note 2: Printer associated with I/O socket S4 will be print local for KD in I/O socket S2 & A and S3 & B. See Note 3.

¶¶ 41043N — any D I/O circuit card.

See adjacent page for connections and device addresses.

PRINTER OPTIONS				
PRINTER I/O SOCKET	S4	S5	S6	S7
Friction Feed				
Tractor Feed 80 Col				
Tractor Feed 132 Col				
17. Specify Right Margin				
Specify Left Margin				
18.a. No Paper Feed Out				
18.b. Paper FO on "RM" Loss				
18.c. Paper FO on "RM" Loss and ETX				
19.d. 96 Character Set				
19.e. 64 Character Set				
19.f. Ext. ASCII Set				
20.a. Single LF				
20.b. Double LF				
21.a. Lower and Upper Case Print				
21.b. Lower Case Prints as Upper Case				
22.a. Lower Case Prints as Error				
22.b. Lower Case Prints as Upper Case				
39.a. Forms on				
39.b. Forms off				
48.a. Paper Out Not Gated W/FF				
48.b. Paper Out Gated W/FF				

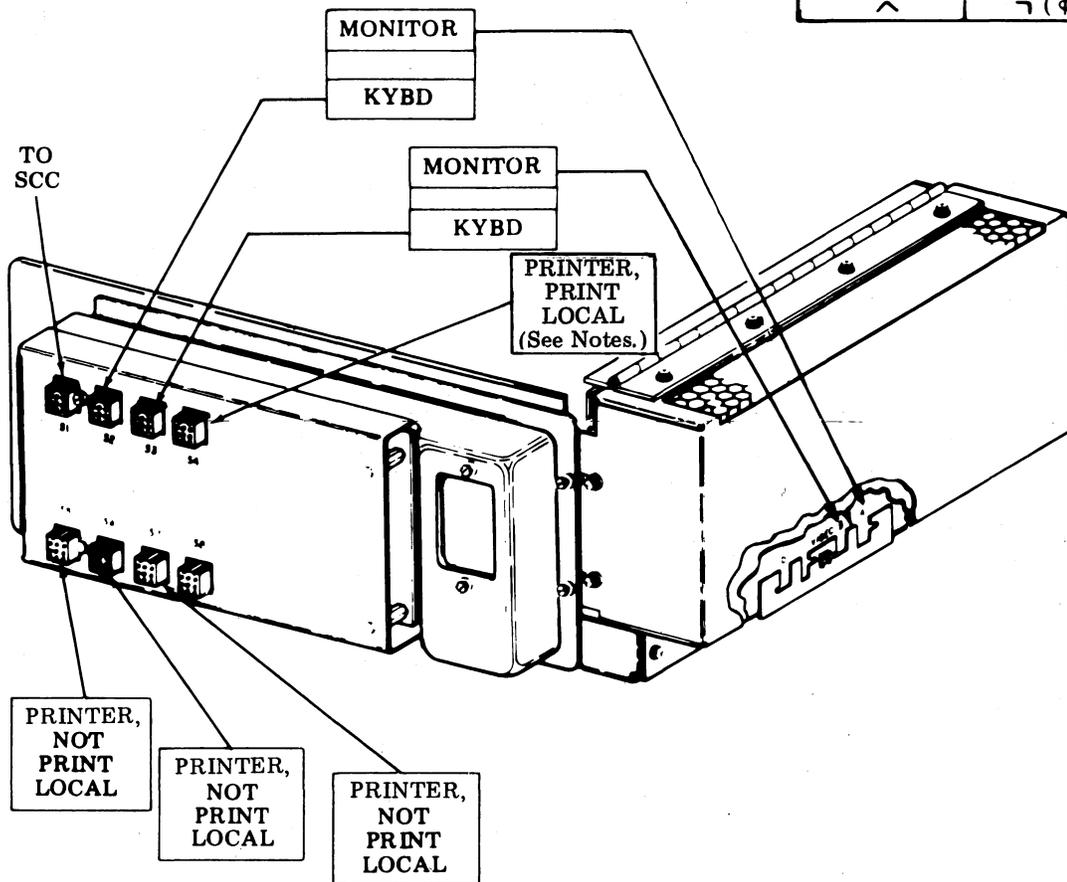
DCC — Controller Arrangement Form  
 HANDLES: 2-KDs & Up To 4-PTRs (1 Print Local)

CARD POSITION	I/O SOCKET	DEVICE	STATION WORK SHEET	DEVICE ADDRESS††
5	S1	STATION C/C (SCC)	DCC →	A B C D E F
5 & 3	S2 & A	KEYBOARD/DISPLAY	DEVICE ROW 1	\$ P F < K Q ;
5 & 4	S3 & B	KEYBOARD/DISPLAY	DEVICE ROW 2	A G ( L R ^
5	S4	PRINTER (NOTES)	DEVICE ROW 3	B H + M ] -
6	S5	PRINTER (N LOC)	DEVICE ROW 4	C I ! N \$ /
6	S6	PRINTER (N LOC)	DEVICE ROW 5	D [ 2 O * S
6	S7	PRINTER (N LOC)	DEVICE ROW 6	E . J P ) T

Note 3: If the customer requires that print local operation be prohibited from both KDs or just one KD, place a 340701 blocking keytop over the PRINT LOCAL position of the appropriate KD opcon(s).

†† ASCII and EBCDIC graphics are the same, except for

ASCII	EBCDIC
[	⋄ ( ) ##
	! ( ! )
]	! ( ! )
^	⋄ ( ⋄ )



## Characters in parentheses are displayed as the device addresses in local test when using EBCDIC line code.

SECTION 582-200-300

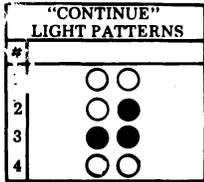
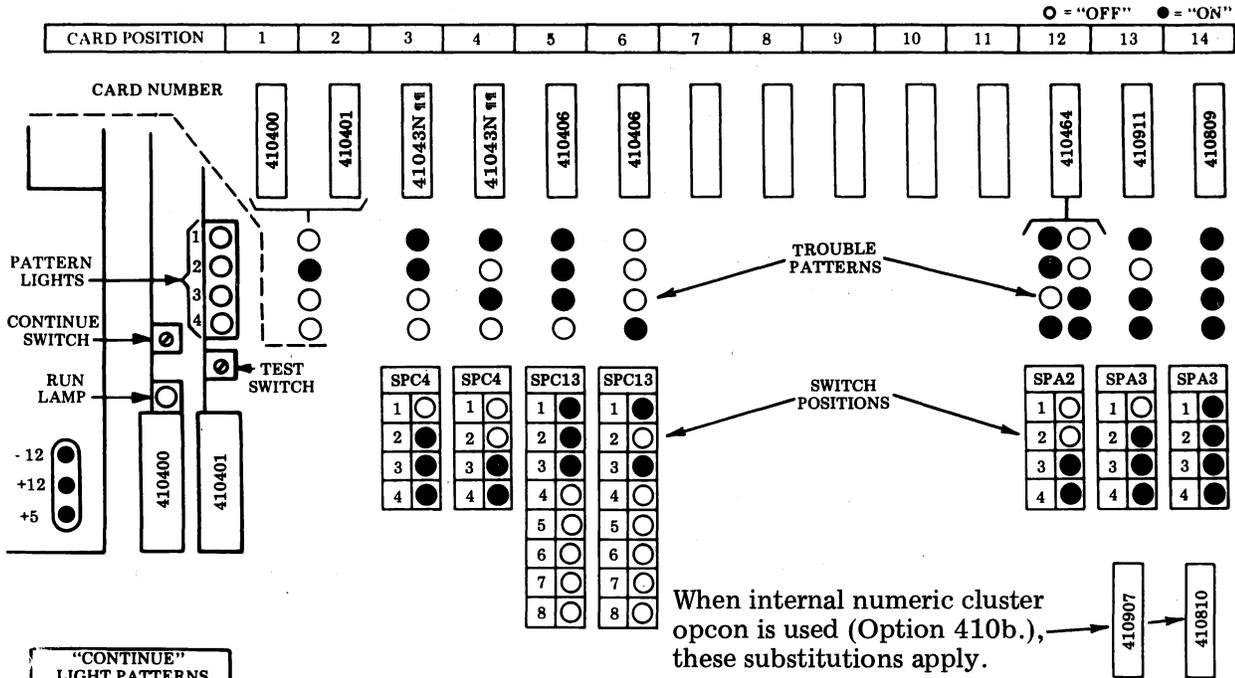
DCC — Controller Arrangement Form

DCC: A  B  C  D  E  F

USOC: 4TV + 2-(4TOX+ OR 4TPX+)

HANDLES: 2-KDs & Up To 4-PTRs (2 Print Local)

PATTERN LIGHTS OR SWITCH POSITIONS



**Note 1:** Printer associated with I/O socket S4 will be print local for KD in I/O socket S2 & A. Printer in I/O socket S7 is print local to KD in I/O socket S5 & B. If no printer is in I/O socket S7, the printer in I/O socket S4 will be print local to both KDs. See Note 2.

¶¶ 41043N — any D I/O circuit card.

See adjacent page for connections and device addresses.

PRINTER OPTIONS				
PRINTER I/O SOCKET	S3	S4	S6	S7
Friction Feed				
Tractor Feed 80 Col				
Tractor Feed 132 Col				
17. Specify Right Margin				
Specify Left Margin				
18.a. No Paper Feed Out				
18.b. Paper FO on "RM" Loss				
18.c. Paper FO on "RM" Loss and ETX				
19.d. 96 Character Set				
19.e. 64 Character Set				
19.f. Ext. ASCII Set				
20.a. Single LF				
20.b. Double LF				
21.a. Lower and Upper Case Print				
21.b. Lower Case Prints as Upper Case				
22.a. Lower Case Prints as Error				
22.b. Lower Case Prints as Upper Case				
39.a. Forms on				
39.b. Forms off				
48.a. Paper Out Not Gated W/FF				
48.b. Paper Out Gated W/FF				

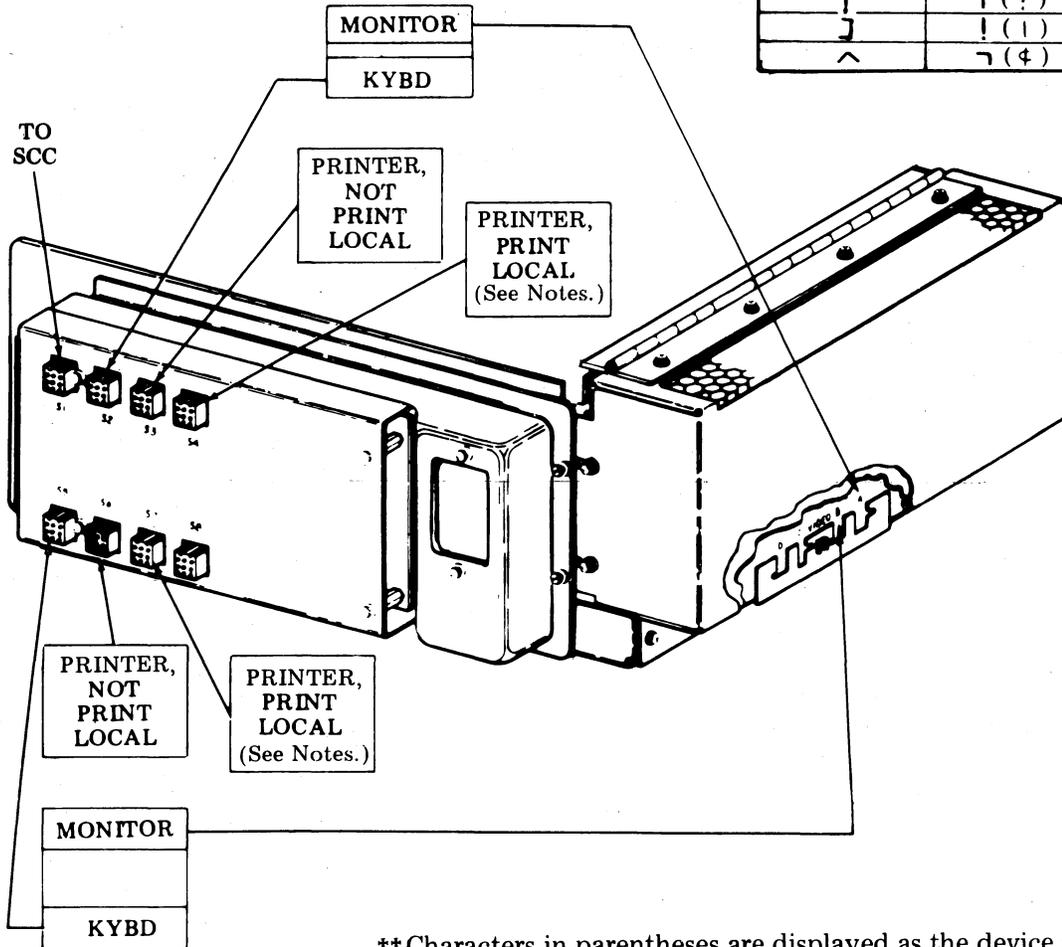
DCC — Controller Arrangement Form  
 HANDLES: 2-KDs & Up To 4-PTRs (2 Print Local)

CARD POSITION	I/O SOCKET	DEVICE	STATION WORK SHEET	DEVICE ADDRESS					
				A	B	C	D	E	F
5	S1	STATION C/C (SCC)	DCC →						
5 & 3	S2 & A	KEYBOARD/DISPLAY	DEVICE ROW 1	Sp	F	<	K	Q	;
5	S3	PRINTER (N LOC)	DEVICE ROW 2	A	G	(	L	R	^
5	S4	PRINTER (NOTES)	DEVICE ROW 3	B	H	+	M	]	-
6 & 4	S5 & B	KEYBOARD/DISPLAY	DEVICE ROW 4	C	I	!	N	\$	/
6	S6	PRINTER (N LOC)	DEVICE ROW 5	D	[	&	O	*	S
6	S7	PRINTER (NOTES)	DEVICE ROW 6	E	.	J	P	)	T

Note 2: If the customer requires that print local operation be prohibited from both KDs or just one KD, place a 340701 blocking keytop over the PRINT LOCAL position of the appropriate KD opcon(s).

†† ASCII and EBCDIC graphics are the same, except for

ASCII	EBCDIC
[	␣ ( ) ##
	! ( ! )
]	! ( ! )
^	␣ ( ␣ )



\*\*Characters in parentheses are displayed as the device addresses in local test when using EBCDIC line code.

SECTION 582-200-300

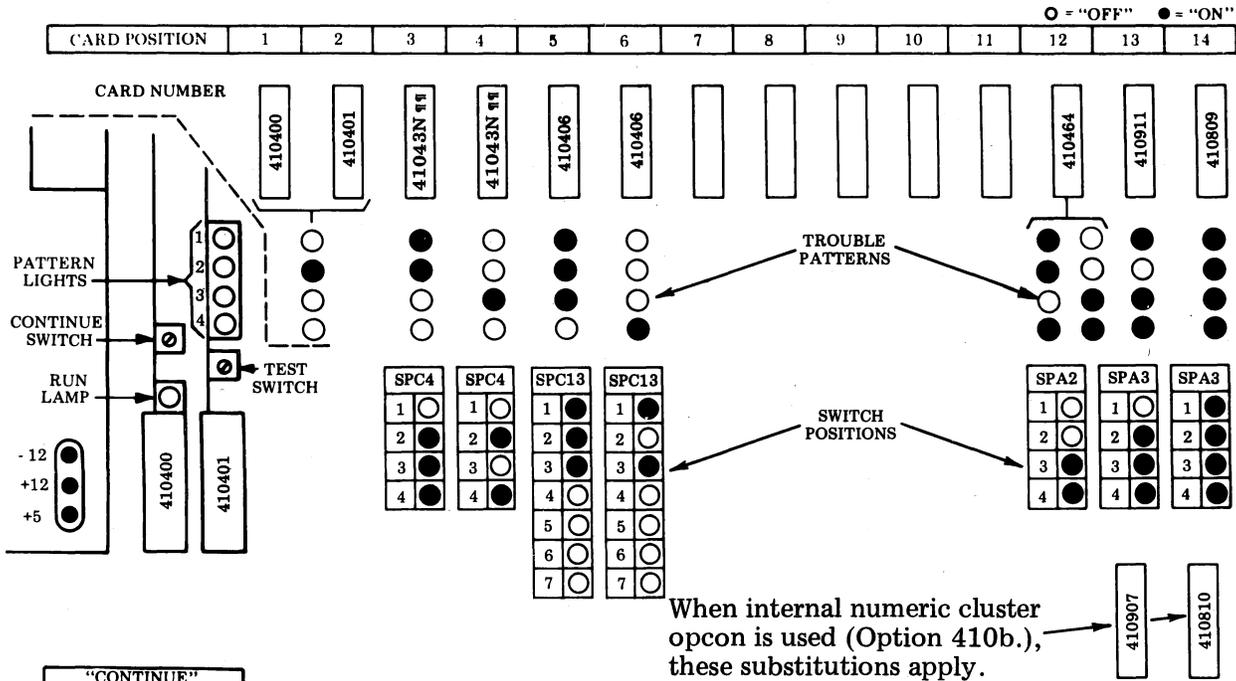
DCC — Controller Arrangement Form

DCC: A  B  C  D  E  F

USOC: 4TV + 2-(4TOX+ OR 4TPX+)

HANDLES: 2-KDs & Up To 4-PTRs (1 Print Local)

PATTERN LIGHTS OR SWITCH POSITIONS



"CONTINUE" LIGHT PATTERNS	
#	
1	● ○
3	○ ●
4	● ●
	○ ○

Note 1: Printer associated with I/O socket S4 will be print local for KD in I/O socket S2 & A and S3 & B. See Note 2.

¶¶ 41043N — any D I/O circuit card.

See adjacent page for connections and device addresses.

PRINTER OPTIONS				
PRINTER I/O SOCKET	S4	S5	S6	S7
Friction Feed				
Tractor Feed 80 Col				
Tractor Feed 132 Col				
17. Specify Right Margin				
Specify Left Margin				
18.a. No Paper Feed Out				
18.b. Paper FO on "RM" Loss				
18.c. Paper FO on "RM" Loss and ETX				
19.d. 96 Character Set				
19.e. 64 Character Set				
19.f. Ext. ASCII Set				
20.a. Single LF				
20.b. Double LF				
21.a. Lower and Upper Case Print				
21.b. Lower Case Prints as Upper Case				
22.a. Lower Case Prints as Error				
22.b. Lower Case Prints as Upper Case				
39.a. Forms on				
39.b. Forms off				
48.a. Paper Out Not Gated W/FF				
48.b. Paper Out Gated W/FF				

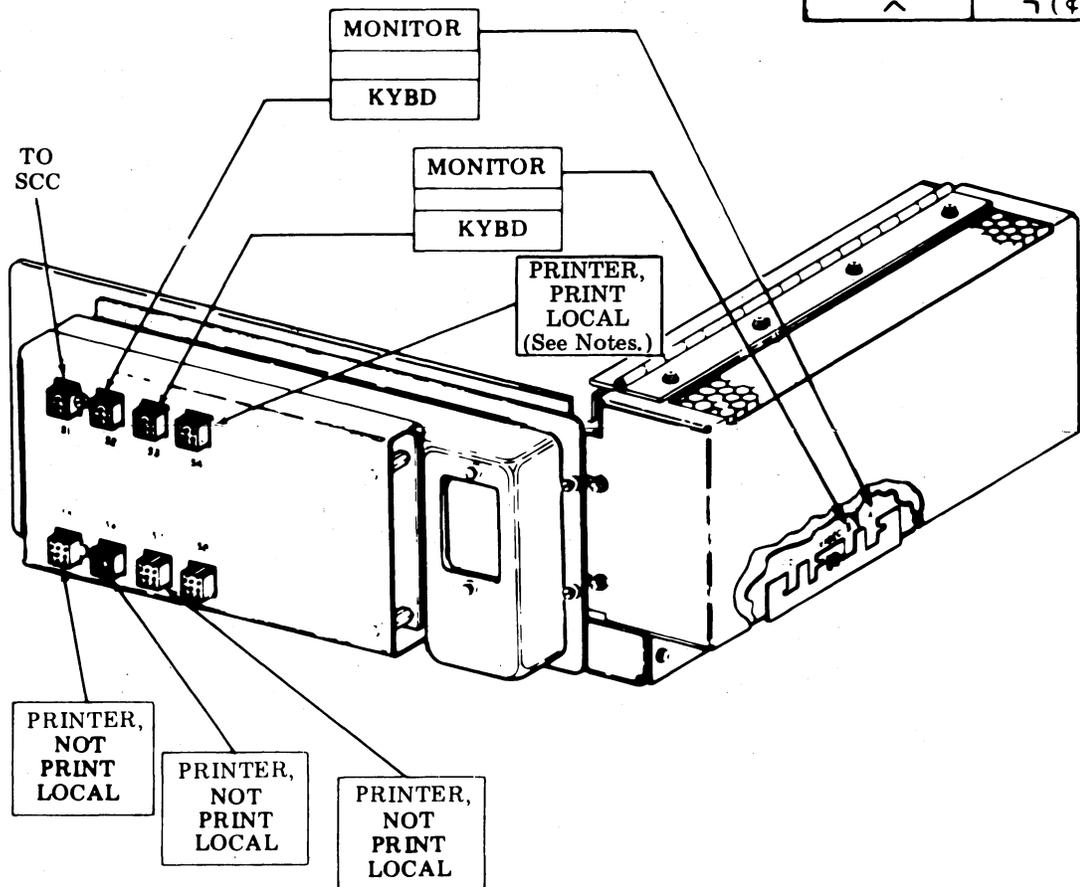
DCC -- Controller Arrangement Form  
 HANDLES: 2-KDs & Up To 4-PTRs (1 Print Local)

CARD POSITION	I/O SOCKET	DEVICE	STATION WORK SHEET	DEVICE ADDRESS ††
5	S1	STATION C/C (SCC)	DCC →	A B C D E F
5 & 3	S2 & A	KEYBOARD/DISPLAY	DEVICE ROW 1	S P F < K Q ;
5 & 4	S3 & B	KEYBOARD/DISPLAY	DEVICE ROW 2	A G ( L R ^
5	S4	PRINTER (NOTES)	DEVICE ROW 3	B H + M ] -
6	S5	PRINTER (N LOC)	DEVICE ROW 4	C I ! N \$ /
6	S6	PRINTER (N LOC)	DEVICE ROW 5	D [ & O * S
6	S7	PRINTER (N LOC)	DEVICE ROW 6	E . J P ) T

Note 2: If the customer requires that print local operation be prohibited from both KDs or just one KD, place a 340701 blocking keytop over the PRINT LOCAL position of the appropriate KD opcon(s).

†† ASCII and EBCDIC graphics are the same, except for

ASCII	EBCDIC
[	⋄ ( ) ##
	! ( ! )
]	! ( ! )
^	⋄ ( ⋄ )



## Characters in parentheses are displayed as the device addresses in local test when using EBCDIC line code.

SECTION 582-200-300

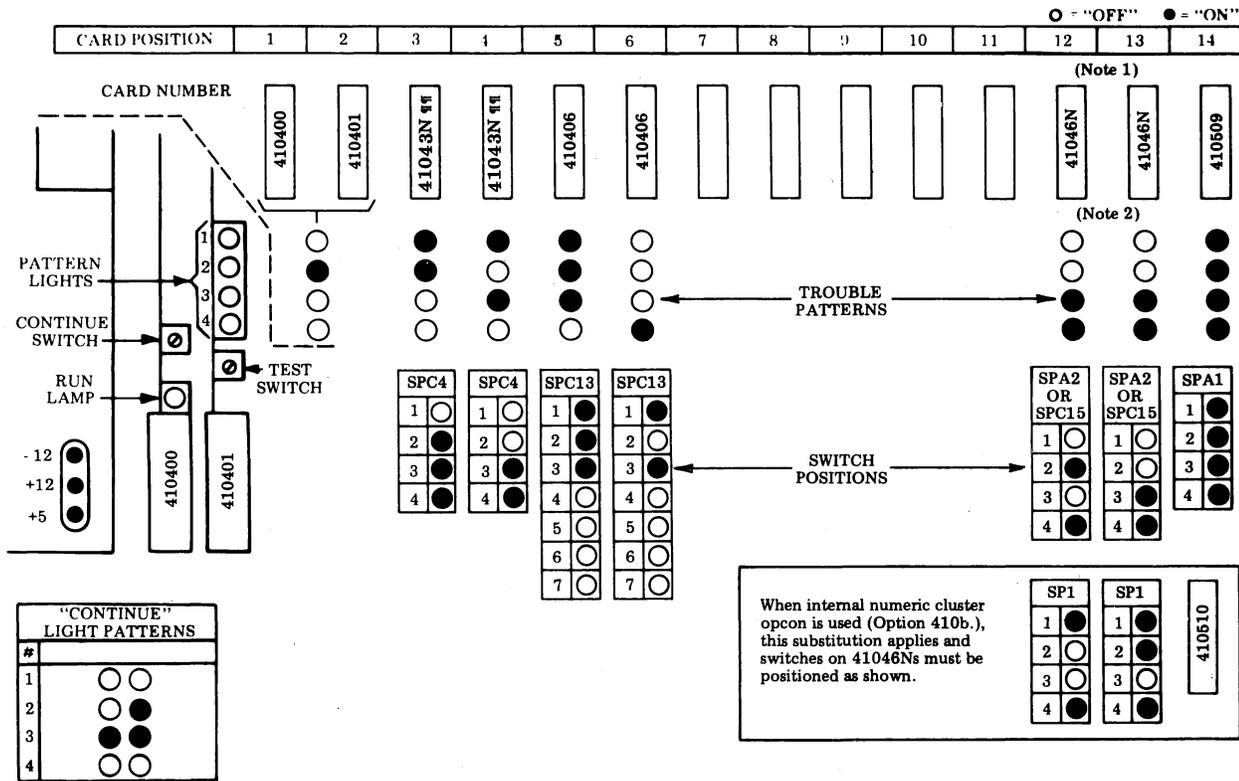
DCC — Controller Arrangement Form

DCC: A  B  C  D  E  F

USOC: 4TV + 2-(4TOX+ OR 4TPX+)

HANDLES: 2-KDs & Up To 4-PTRs (2 Print Local)

PATTERN LIGHTS OR SWITCH POSITIONS



Note 1: Positions 12 and 13 may contain two 410465s or two 410461s or one 410465 and one 410461. SPC15 applies to 410461 only.

Note 2: Same trouble pattern for both 41046Ns. If pattern occurs, replace 41046Ns one at a time until pattern no longer appears.

Note 3: Printer associated with I/O socket S4 will be print local for KD in I/O socket S2 & A. Printer in I/O socket S7 is print local to KD in I/O socket S5 & B. If no printer is in I/O socket S7, the printer in I/O socket S4 will be print local to both KDs. See Note 4.

¶¶ 41043N — any D I/O circuit card.

See adjacent page for connections and device addresses.

PRINTER OPTIONS							
PRINTER I/O SOCKET	S3	S4	S6	S7			
Friction Feed							
Tractor Feed 80 Col							
Tractor Feed 132 Col							
17. Specify Right Margin							
Specify Left Margin							
18.a. No Paper Feed Out							
18.b. Paper FO on "RM" Loss							
18.c. Paper FO on "RM" Loss and ETX							
19.d. 96 Character Set							
19.e. 64 Character Set							
19.f. Ext. ASCII Set							
20.a. Single LF							
20.b. Double LF							
21.a. Lower and Upper Case Print							
21.b. Lower Case Prints as Upper Case							
22.a. Lower Case Prints as Error							
22.b. Lower Case Prints as Upper Case							
39.a. Forms on							
39.b. Forms off							
48.a. Paper Out Not Gated W/FF							
48.b. Paper Out Gated W/FF							

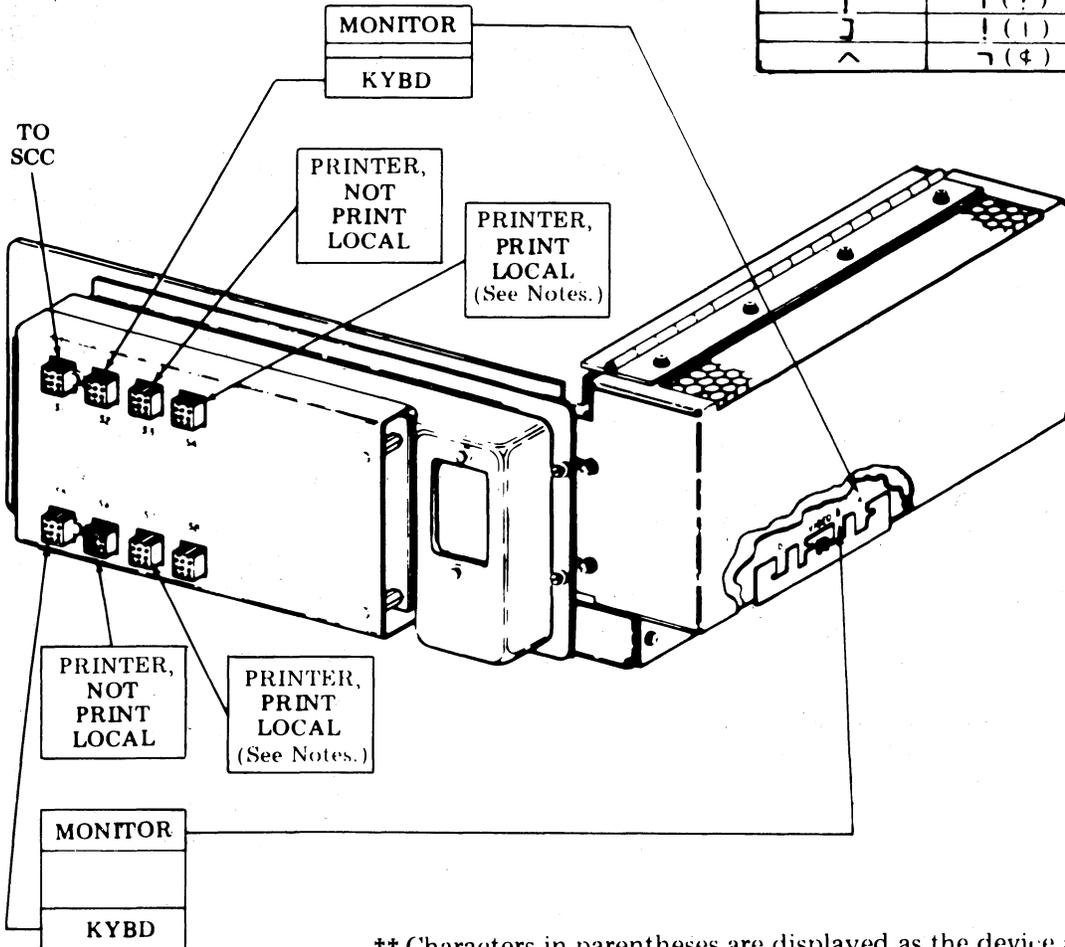
DCC — Controller Arrangement Form  
 HANDLES: 2-KDs & Up To 4-PTRs (2 Print Local)

CARD POSITION	I/O SOCKET	DEVICE	STATION WORK SHEET	DEVICE ADDRESS ††					
				A	B	C	D	E	F
5	S1	STATION C/C (SCC)	DCC →						
5 & 3	S2 & A	KEYBOARD/DISPLAY	DEVICE ROW 1	Sp	F	<	K	Q	;
5	S3	PRINTER (N LOC)	DEVICE ROW 2	A	G	(	L	R	^
5	S4	PRINTER (NOTES)	DEVICE ROW 3	B	H	+	M	]	-
6 & 4	S5 & B	KEYBOARD/DISPLAY	DEVICE ROW 4	C	I	!	N	\$	/
6	S6	PRINTER (N LOC)	DEVICE ROW 5	D	[	&	O	*	S
6	S7	PRINTER (NOTES)	DEVICE ROW 6	E	.	J	P	)	T

Note 4: If the customer requires that print local operation be prohibited from both KDs or just one KD, place a 340701 blocking keytop over the PRINT LOCAL position of the appropriate KD opcon(s).

†† ASCII and EBCDIC graphics are the same, except for

ASCII	EBCDIC
[	␣ ( ) ##
]	! ( ! )
^	! ( ! )
^	␣ ( ␣ )



\*\* Characters in parentheses are displayed as the device addresses in local test when using EBCDIC line code.



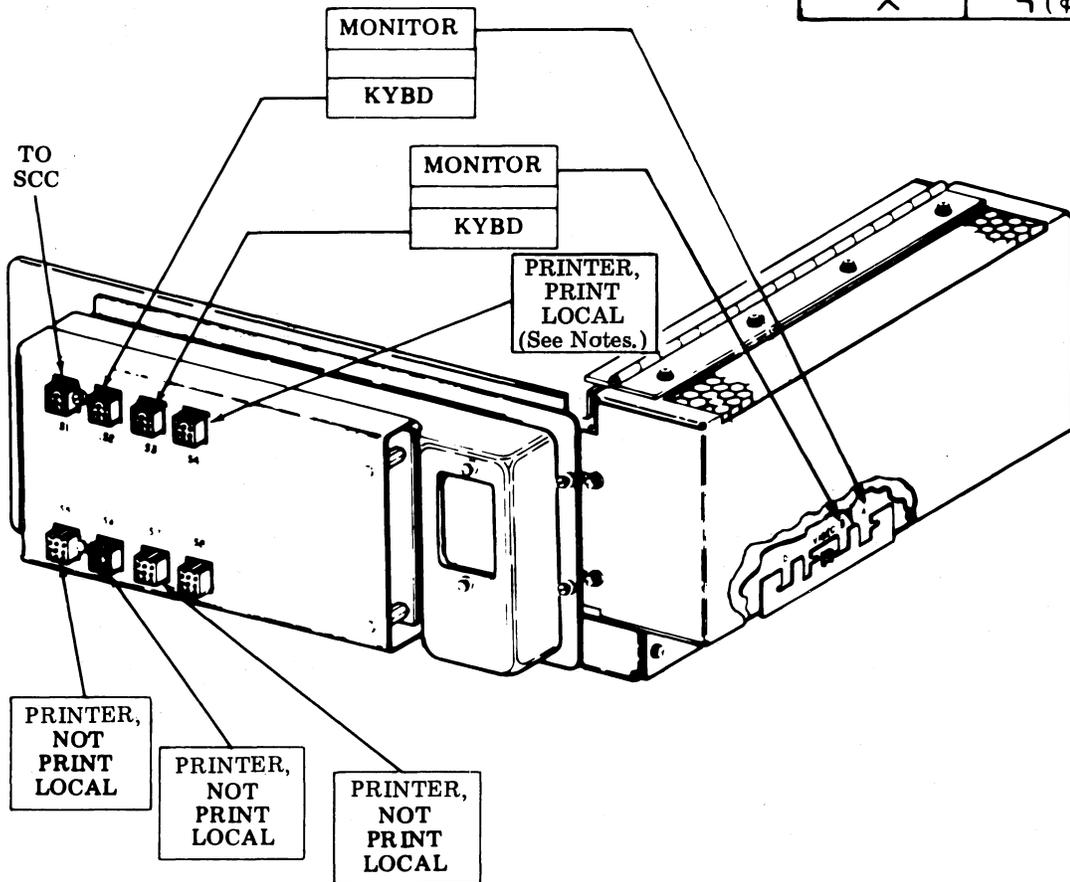
DCC — Controller Arrangement Form  
 HANDLES: 2-KDs & Up To 4-PTRs (1 Print Local)

CARD POSITION	I/O SOCKET	DEVICE	STATION WORK SHEET	DEVICE ADDRESS					
				A	B	C	D	E	F
5	S1	STATION C/C (SCC)	DCC →	A	B	C	D	E	F
5 & 3	S2 & A	KEYBOARD/DISPLAY	DEVICE ROW 1	\$p	F	<	K	Q	;
5 & 4	S3 & B	KEYBOARD/DISPLAY	DEVICE ROW 2	A	G	(	L	R	^
5	S4	PRINTER (NOTES)	DEVICE ROW 3	B	H	+	M	]	-
6	S5	PRINTER (N LOC)	DEVICE ROW 4	C	I	!	N	\$	/
6	S6	PRINTER (N LOC)	DEVICE ROW 5	D	L	&	O	*	S
6	S7	PRINTER (N LOC)	DEVICE ROW 6	E	.	J	P	)	T

Note 4: If the customer requires that print local operation be prohibited from both KDs or just one KD, place a 340701 blocking keytop over the PRINT LOCAL position of the appropriate KD opcon(s).

†† ASCII and EBCDIC graphics are the same, except for

ASCII	EBCDIC
[	⌘ (⌘) ††
]	! (!)
^	! ( )
	⌘ (⌘)



‡‡ Characters in parentheses are displayed as the device addresses in local test when using EBCDIC line code.

SECTION 582-200-300

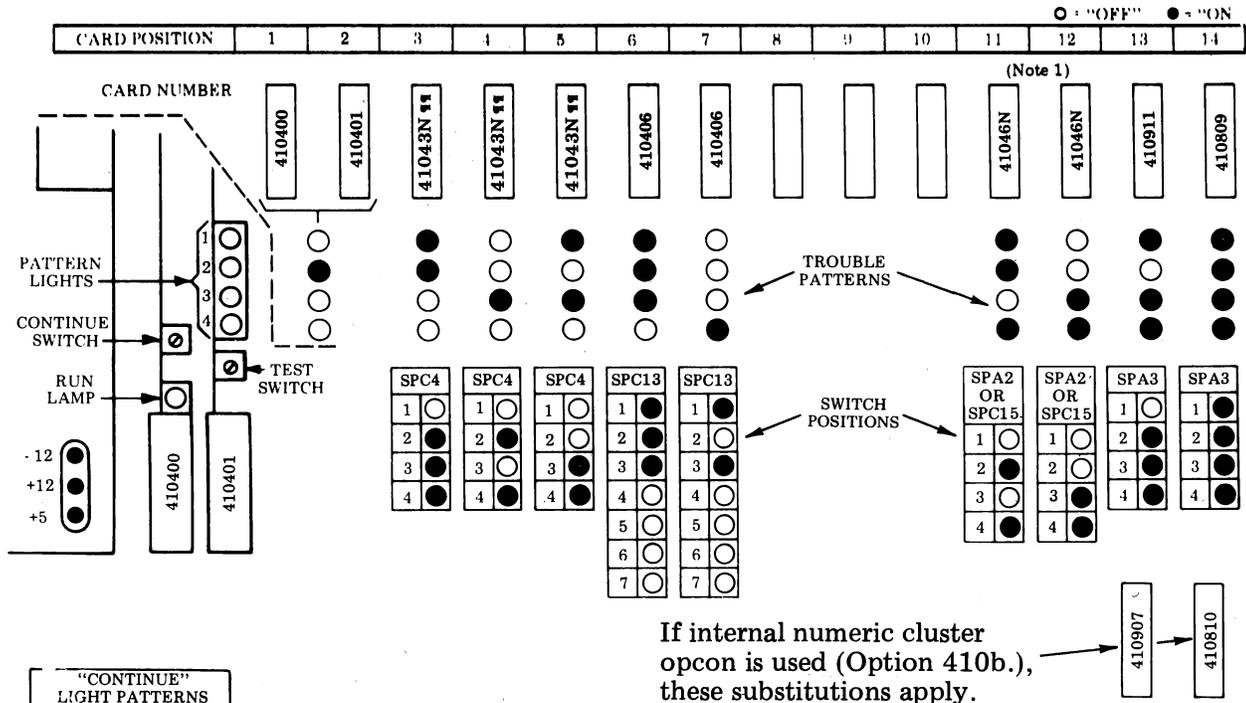
DCC — Controller Arrangement Form

DCC: A  B  C  D  E  F

USOC: 4TV + 3-(4TOX+ OR 4TPX+)

HANDLES: 3-KDs & Up To 3-PTRs (2 Print Local)

PATTERN LIGHTS OR SWITCH POSITIONS



**Note 1:** Positions 11 and 12 may contain two 410465s or two 410461s or one 410465 and one 410461. SPC15 applies to 410461 only.

**Note 2:** Printer in I/O socket S8 is print local to KDs in I/O socket S6 & A and S7 & B. Printer in I/O socket S3 is print local to KD in I/O socket S1 and C. If no printer is in I/O socket S3, printer in I/O socket S8 will be print local to all KDs. See Note 3.

41043N — any D I/O circuit card.

See adjacent page for connections and device addresses.

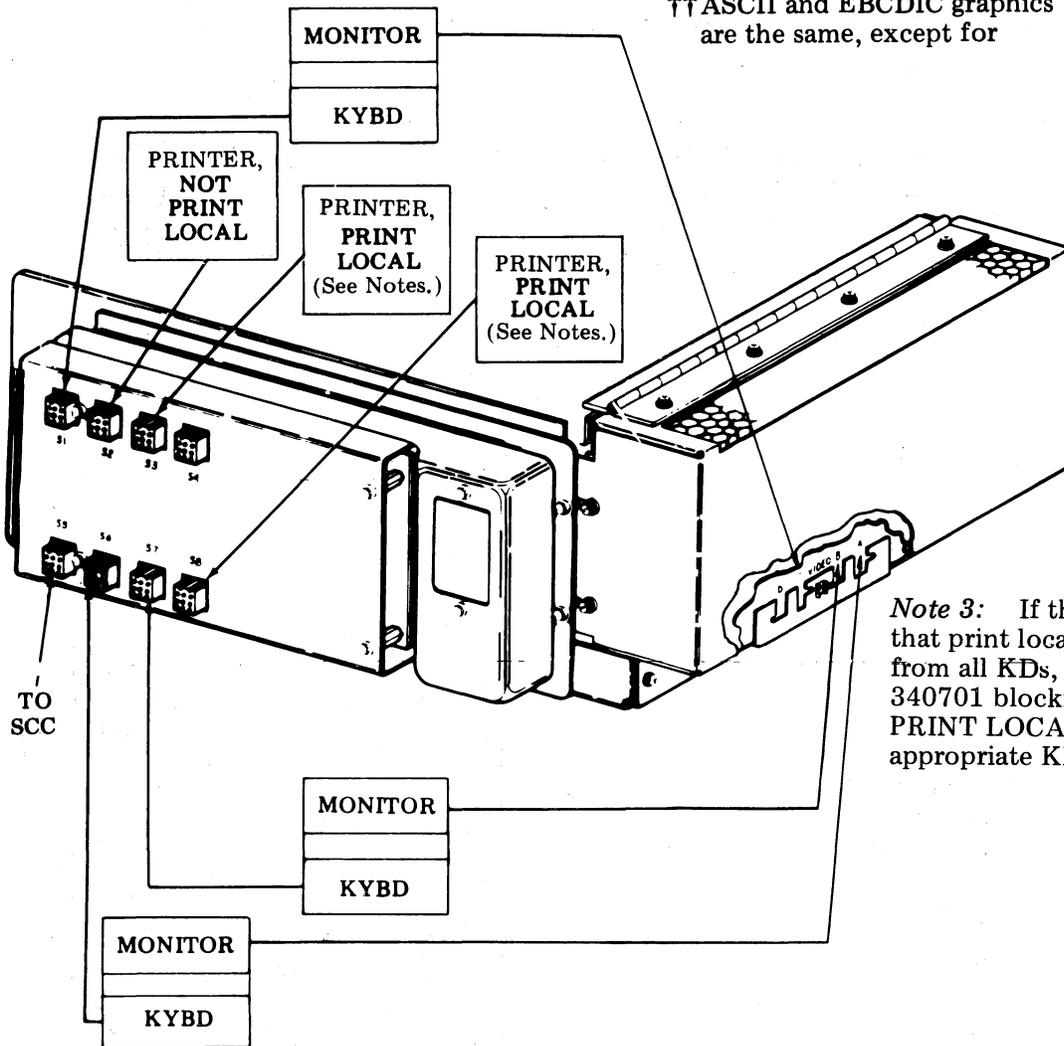
PRINTER OPTIONS			
PRINTER I/O SOCKET	S8	S3	S2
Friction Feed			
Tractor Feed 80 Col			
Tractor Feed 132 Col			
17. Specify Right Margin			
Specify Left Margin			
18.a. No Paper Feed Out			
18.b. Paper FO on "RM" Loss			
18.c. Paper FO on "RM" Loss and ETX			
19.d. 96 Character Set			
19.e. 64 Character Set			
19.f. Ext. ASCII Set			
20.a. Single LF			
20.b. Double LF			
21.a. Lower and Upper Case Print			
21.b. Lower Case Prints as Upper Case			
22.a. Lower Case Prints as Error			
22.b. Lower Case Prints as Upper Case			
39.a. Forms on			
39.b. Forms off			
48.a. Paper Out Not Gated W/FF			
48.b. Paper Out Gated W/FF			

DCC -- Controller Arrangement Form  
 HANDLES: 3-KDs & Up To 3-PTRs (2 Print Local)

CARD POSITION	I/O SOCKET	DEVICE	STATION WORK SHEET	DEVICE ADDRESS ††					
6	S5	STATION C/C (SCC)	DCC →	A	B	C	D	E	F
6 & 3	S6 & A	KEYBOARD DISPLAY	DEVICE ROW 1	Sp	F	<	K	Q	;
6 & 4	S7 & B	KEYBOARD DISPLAY	DEVICE ROW 2	A	G	(	L	R	^
6	S8	PRINTER (NOTES)	DEVICE ROW 3	B	H	+	M	]	-
7 & 5	S1 & C	KEYBOARD DISPLAY	DEVICE ROW 4	C	I		N	\$	/
7	S2	PRINTER (N LOC)	DEVICE ROW 5	D	[	2	O	*	S
7	S3	PRINTER (NOTES)	DEVICE ROW 6	E	.	J	P	)	T

†† ASCII and EBCDIC graphics are the same, except for

ASCII	EBCDIC
[	⌘ (⌘) ##
	(!)
]	! ( )
^	⌘ (⌘)



Note 3: If the customer requires that print local operation be prohibited from all KDs, or just one KD, place a 340701 blocking keytop over the PRINT LOCAL position of the appropriate KD opcon(s).

## Characters in parentheses are displayed as the device addresses in local test when using EBCDIC line code.

SECTION 582-200-300

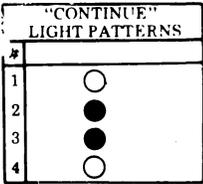
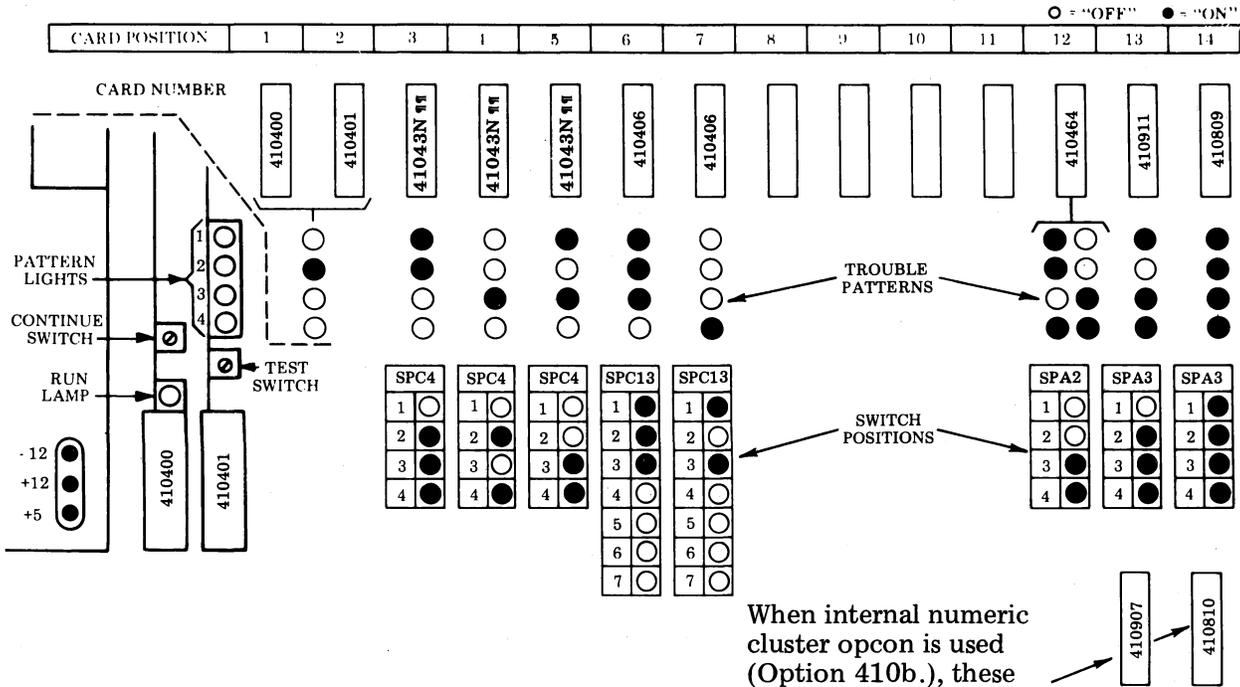
DCC --- Controller Arrangement Form

DCC: A  B  C  D  E  F

USOC: 4TV + 3-(4TOX+ OR 4TPX+)

HANDLES: 3-KDs & Up To 3-PTRs (2 Print Local)

PATTERN LIGHTS OR SWITCH POSITIONS



Note 1: Printer in I/O socket S8 is print local to KDs in I/O socket S6 & A and S7 & B. Printer in I/O socket S3 is print local to KD in I/O socket S1 & C. If no printer is in I/O socket S3, printer in I/O socket S8 will be print local to all KDs. See Note 2.

¶¶ 41043N — any D I/O circuit card.

See adjacent page for connections and device addresses.

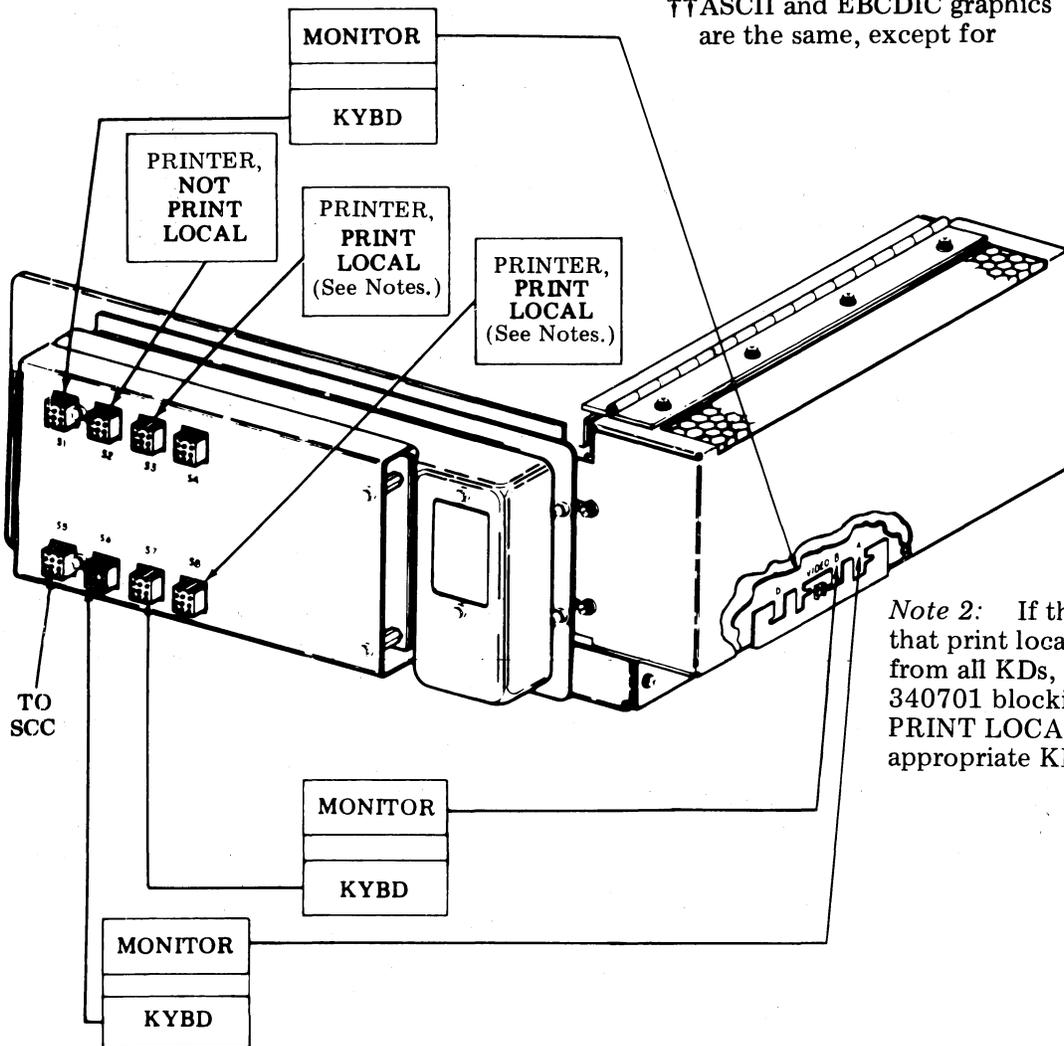
PRINTER OPTIONS			
PRINTER I/O SOCKET	S8	S3	S2
Friction Feed			
Tractor Feed 80 Col			
Tractor Feed 132 Col			
17. Specify Right Margin			
Specify Left Margin			
18.a. No Paper Feed Out			
18.b. Paper FO on "RM" Loss			
18.c. Paper FO on "RM" Loss and ETX			
19.d. 96 Character Set			
19.e. 64 Character Set			
19.f. Ext. ASCII Set			
20.a. Single LF			
20.b. Double LF			
21.a. Lower and Upper Case Print			
21.b. Lower Case Prints as Upper Case			
22.a. Lower Case Prints as Error			
22.b. Lower Case Prints as Upper Case			
39.a. Forms on			
39.b. Forms off			
48.a. Paper Out Not Gated W/FF			
48.b. Paper Out Gated W/FF			

DCC — Controller Arrangement Form  
 HANDLES: 3-KDs & Up To 3-PTRs (2 Print Local)

CARD POSITION	I/O SOCKET	DEVICE	STATION WORK SHEET	DEVICE ADDRESS ††					
6	S5	STATION C/C (SCC)	DCC →	A	B	C	D	E	F
6 & 3	S6 & A	KEYBOARD DISPLAY	DEVICE ROW 1	Sp	F	<	K	Q	}
6 & 4	S7 & B	KEYBOARD DISPLAY	DEVICE ROW 2	A	G	(	L	R	^
6	S8	PRINTER (NOTES)	DEVICE ROW 3	B	H	+	M	]	-
7 & 5	S1 & C	KEYBOARD DISPLAY	DEVICE ROW 4	C	I	!	N	\$	/
7	S2	PRINTER (N LOC)	DEVICE ROW 5	D	[	⌘	O	*	S
7	S3	PRINTER (NOTES)	DEVICE ROW 6	E	.	J	P	)	T

††ASCII and EBCDIC graphics are the same, except for

ASCII	EBCDIC
[	⌘ (⌘)##
	! (!)
]	! (!)
^	⌘ (⌘)



Note 2: If the customer requires that print local operation be prohibited from all KDs, or just one KD, place a 340701 blocking keytop over the PRINT LOCAL position of the appropriate KD opcon(s).

## Characters in parentheses are displayed as the device addresses in local test when using EBCDIC line code.

SECTION 582-200-300

DCC — Controller Arrangement Form

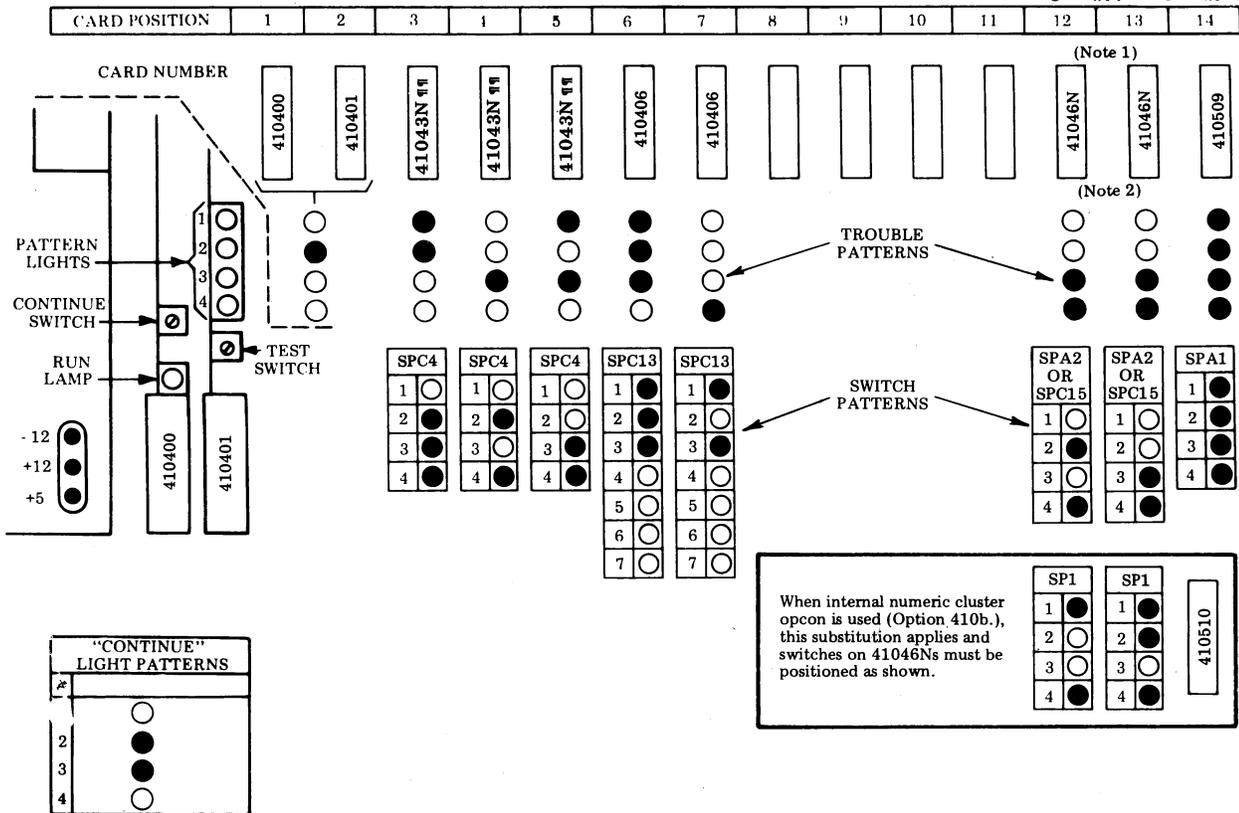
DCC: A  B  C  D  E  F

USOC: 4TV + 3-(4TOX+ OR 4TPX+)

HANDLES: 3-KDs & Up To 3-PTRs (2 Print Local)

PATTERN LIGHTS OR SWITCH POSITIONS

○ = "OFF" ● = "ON"



**Note 1:** Position 12 and 13 may contain two 410465s or two 410461s or one 410465 and one 410461. SPC15 applies to 410461 only.

**Note 2:** Same trouble pattern for both 41046Ns. If pattern occurs, replace 41046Ns one at a time until pattern no longer appears.

**Note 3:** Printer in I/O socket S8 is print local to KDs in I/O socket S6 & A and S7 & B. Printer in I/O socket S3 is print local to KD in I/O socket S1 & C. If no printer is in I/O socket S3, printer in I/O socket S8 will be print local to all KDs. See Note 4.

PRINTER OPTIONS			
PRINTER I/O SOCKET	S8	S3	S2
Friction Feed			
Tractor Feed 80 Col			
Tractor Feed 132 Col			
17. Specify Right Margin			
Specify Left Margin			
18.a. No Paper Feed Out			
18.b. Paper FO on "RM" Loss			
18.c. Paper FO on "RM" Loss and ETX			
19.d. 96 Character Set			
19.e. 64 Character Set			
19.f. Ext. ASCII Set			
20.a. Single LF			
20.b. Double LF			
21.a. Lower and Upper Case Print			
21.b. Lower Case Prints as Upper Case			
22.a. Lower Case Prints as Error			
22.b. Lower Case Prints as Upper Case			
39.a. Forms on			
39.b. Forms off			
48.a. Paper Out Not Gated W/FF			
48.b. Paper Out Gated W/FF			

¶ 41043N — any D I/O circuit card.

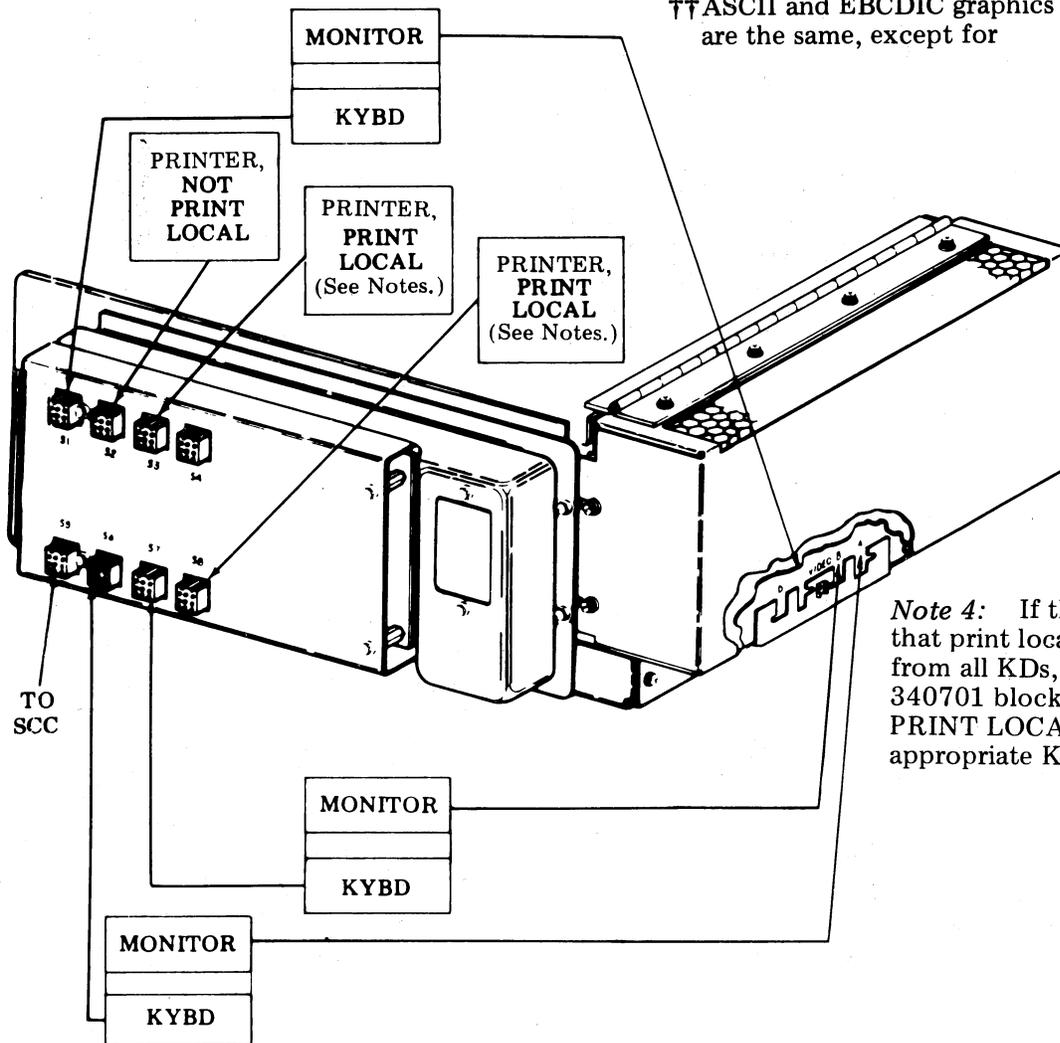
See adjacent page for connections and device addresses.

DCC - Controller Arrangement Form  
 HANDLES: 3-KDs & Up To 3-PTRs (2 Print Local)

CARD POSITION	I/O SOCKET	DEVICE	STATION WORK SHEET	DEVICE ADDRESS ††					
6	S5	STATION C/C (SCC)	DCC →	A	B	C	D	E	F
6 & 3	S6 & A	KEYBOARD DISPLAY	DEVICE ROW 1	Sp	F	<	K	Q	;
6 & 4	S7 & B	KEYBOARD DISPLAY	DEVICE ROW 2	A	G	(	L	R	^
6	S8	PRINTER (NOTES)	DEVICE ROW 3	B	H	+	M	]	-
7 & 5	S1 & C	KEYBOARD DISPLAY	DEVICE ROW 4	C	I		N	\$	/
7	S2	PRINTER (N LOC)	DEVICE ROW 5	D	[	?	O	*	S
7	S3	PRINTER (NOTES)	DEVICE ROW 6	E	.	J	P	)	T

†† ASCII and EBCDIC graphics are the same, except for

ASCII	EBCDIC
[	⌘ (⌘) ##
	(!)
]	( )
^	⌘ (⌘)

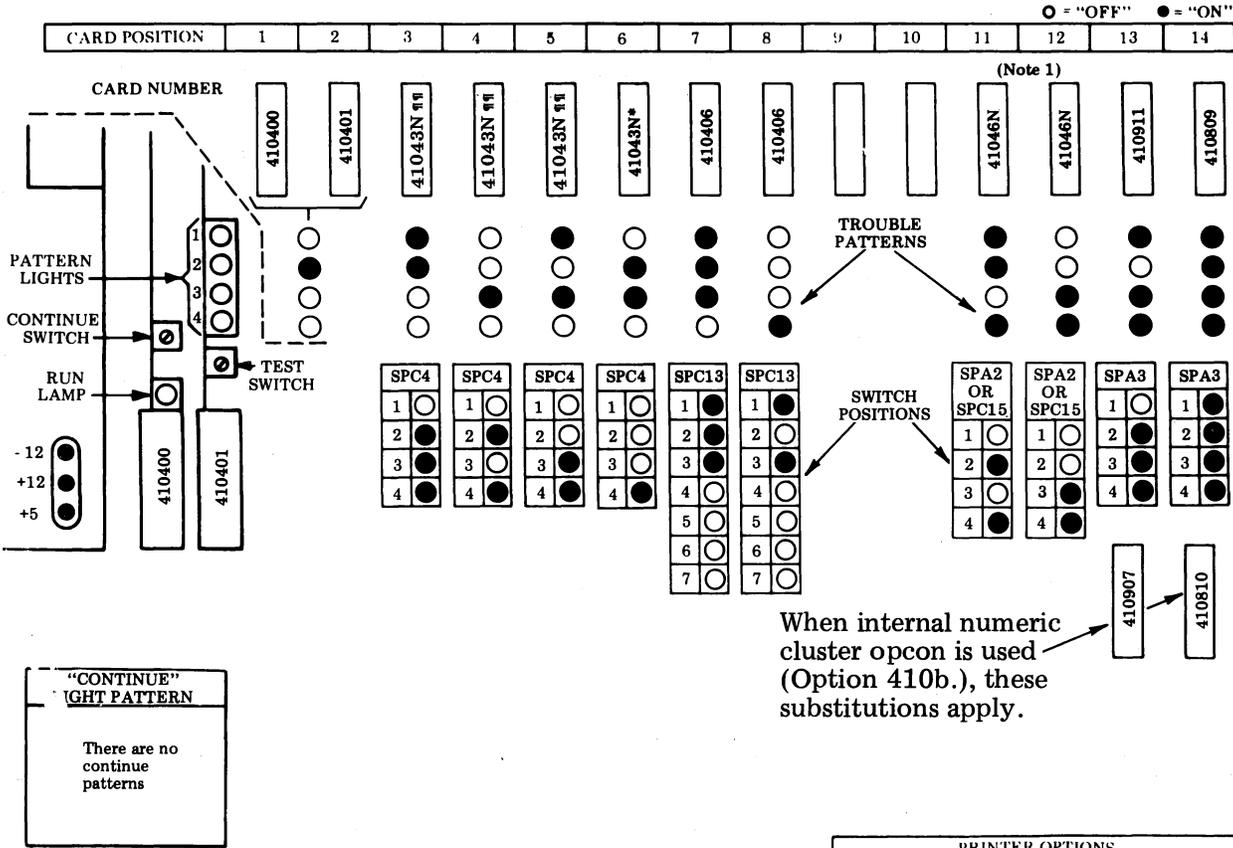


Note 4: If the customer requires that print local operation be prohibited from all KDs, or just one KD, place a 340701 blocking keytop over the PRINT LOCAL position of the appropriate KD opcon(s).

## Characters in parentheses are displayed as the device addresses in local test when using EBCDIC line code.

DCC — Controller Arrangement Form  
 DCC: A  B  C  D  E  F   
 USOC: 4TV + 4-(4TOX+ OR 4TPX+)  
 HANDLES: 4-KDs & Up To 2-PTRs (2 Print Local)

PATTERN LIGHTS OR SWITCH POSITIONS



Note 1: Positions 11 and 12 may contain two 410465s or two 410461s or one 410465 and one 410461. SPC15 applies to 410461 only.

Note 2: Printer in I/O socket S4 is print local to KDs in I/O socket S2 & A and S3 & B. Printer in I/O socket S7 is print local to KDs in I/O S5 & C and S6 & D. If no printer in I/O socket S7, printer in I/O socket S4 will be print local to all KDs. See Note 3.

¶¶ 41043N — any D I/O circuit card.

See adjacent page for connections and device addresses.

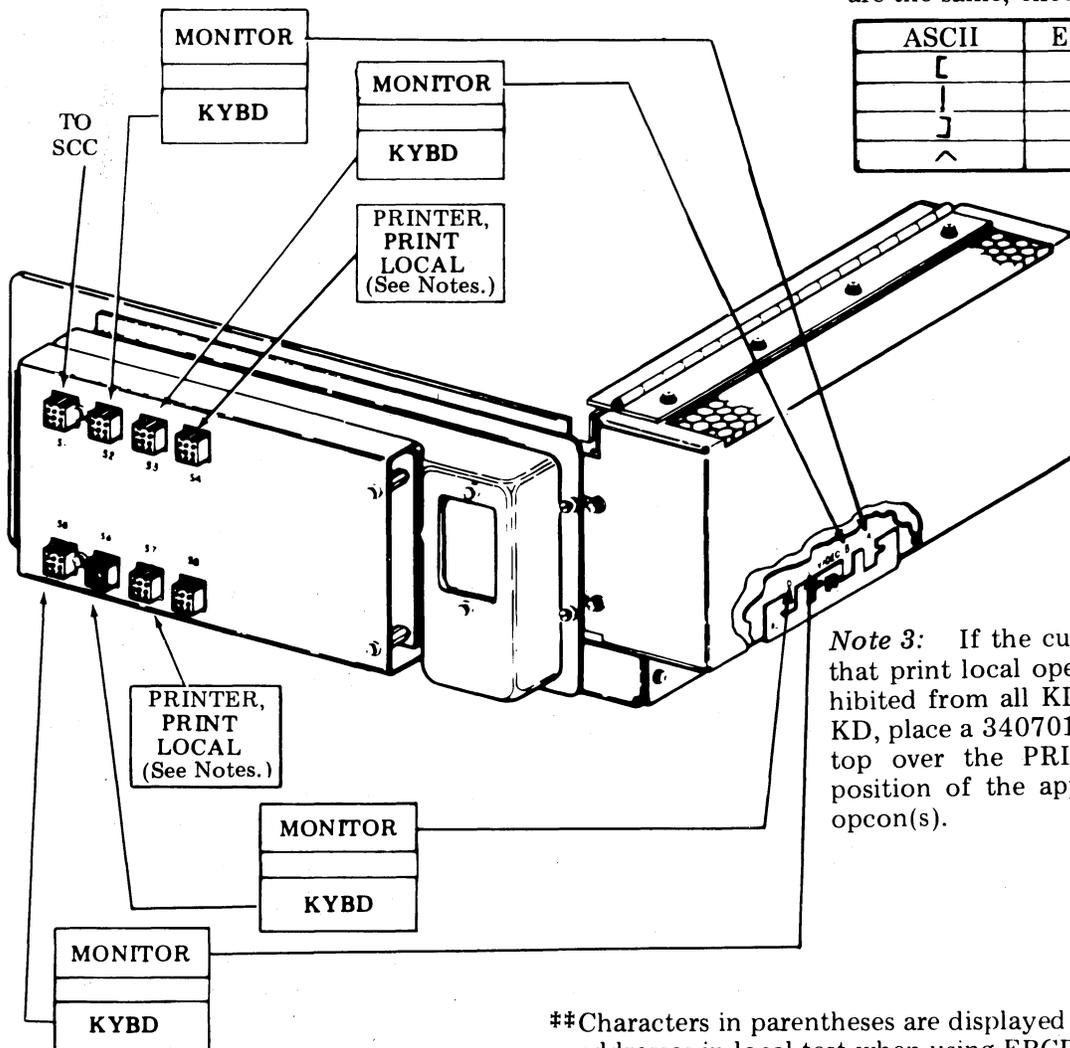
PRINTER OPTIONS		
PRINTER I/O SOCKET	S4	S7
Friction Feed		
Tractor Feed 80 Col		
Tractor Feed 132 Col		
17. Specify Right Margin		
Specify Left Margin		
18.a. No Paper Feed Out		
18.b. Paper FO on "RM" Loss		
18.c. Paper FO on "RM" Loss and ETX		
19.d. 96 Character Set		
19.e. 64 Character Set		
19.f. Ext. ASCII Set		
20.a. Single LF		
20.b. Double LF		
21.a. Lower and Upper Case Print		
21.b. Lower Case Prints as Upper Case		
22.a. Lower Case Prints as Error		
22.b. Lower Case Prints as Upper Case		
39.a. Forms on		
39.b. Forms off		
48.a. Paper Out Not Gated W/FF		
48.b. Paper Out Gated W/FF		

DCC -- Controller Arrangement Form  
 HANDLES: 4-KDs & Up To 2-PTRs (2 Print Local)

CARD POSITION	I/O SOCKET	DEVICE	STATION WORK SHEET	DEVICE ADDRESS††
7	S1	STATION C/C (SCC)	DCC →	A B C D E F
7 & 3	S2 & A	KEYBOARD/DISPLAY	DEVICE ROW 1	Sp F < K Q ;
7 & 4	S3 & B	KEYBOARD/DISPLAY	DEVICE ROW 2	A G ( L R ^
7	S4	PRINTER (NOTES)	DEVICE ROW 3	B H + M ] -
8 & 5	S5 & C	KEYBOARD/DISPLAY	DEVICE ROW 4	C I ! N \$ /
8 & 6	S6 & D	KEYBOARD/DISPLAY	DEVICE ROW 5	D [ & O * S
8	S7	PRINTER (NOTES)	DEVICE ROW 6	E . J P ) T

†† ASCII and EBCDIC graphics are the same, except for

ASCII	EBCDIC
[	␣ ( ) ##
	! ( ! )
]	! (   )
^	␣ ( ^ )



Note 3: If the customer requires that print local operation be prohibited from all KDs, or just one KD, place a 340701 blocking key-top over the PRINT LOCAL position of the appropriate KD opcon(s).

## Characters in parentheses are displayed as the device addresses in local test when using EBCDIC line code.

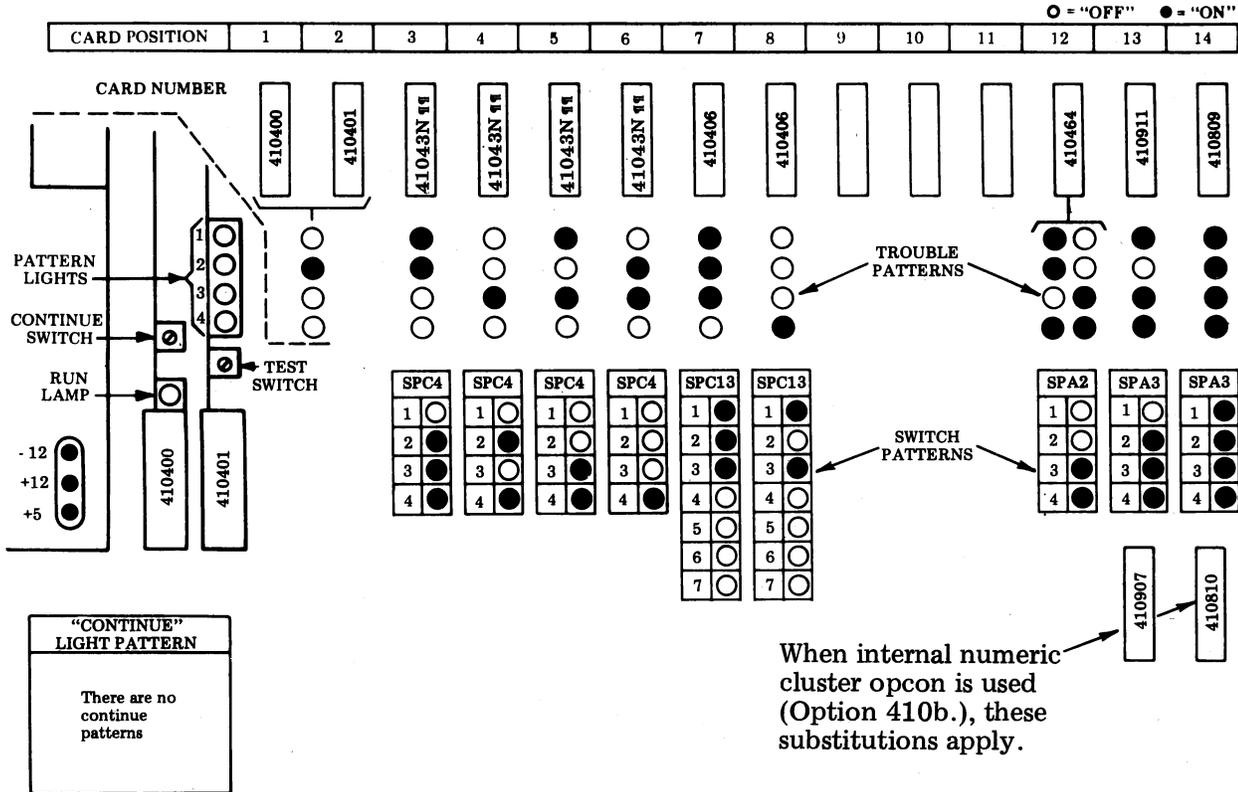
DCC — Controller Arrangement Form

DCC: A  B  C  D  E  F

USOC: 4TV + 4-(4TOX+ OR 4TPX+)

HANDLES: 4-KDs & Up To 2-PTRs (2 Print Local)

PATTERN LIGHTS OR SWITCH POSITIONS



**Note 1:** Printer in I/O socket S4 is print local to KDs in I/O socket S2 & A and S3 & B. Printer in I/O socket S7 is print local to KDs in I/O socket S5 & C and S6 & D. If no printer in I/O socket S7, printer in I/O socket S4 will be print local to all KDs. See Note 2.

¶¶ 41043N — any D I/O circuit card.

See adjacent page for connections and device addresses.

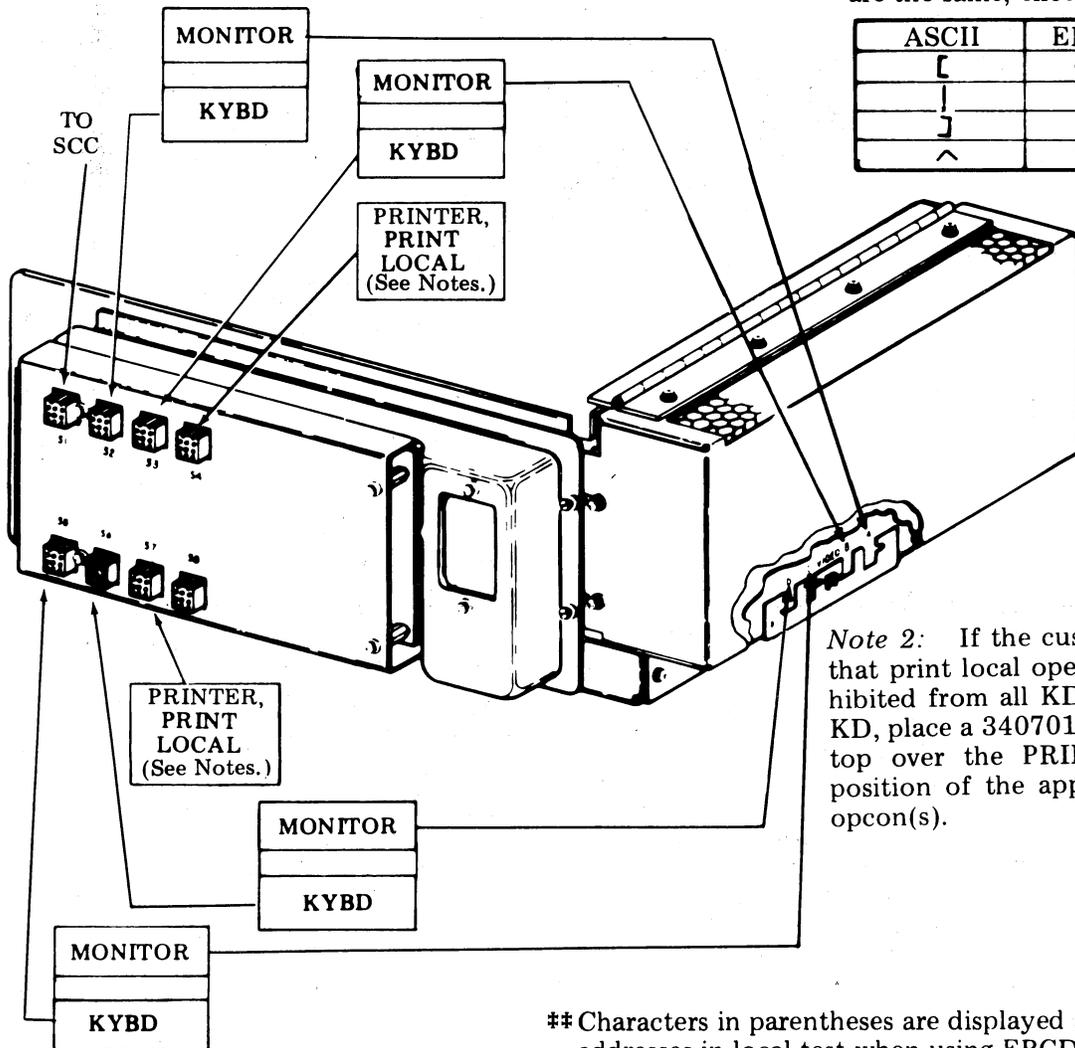
PRINTER OPTIONS		
PRINTER I/O SOCKET	S4	S7
Friction Feed		
Tractor Feed 80 Col		
Tractor Feed 132 Col		
17. Specify Right Margin		
Specify Left Margin		
18.a. No Paper Feed Out		
18.b. Paper FO on "RM" Loss		
18.c. Paper FO on "RM" Loss and ETX		
19.d. 96 Character Set		
19.e. 64 Character Set		
19.f. Ext. ASCII Set		
20.a. Single LF		
20.b. Double LF		
21.a. Lower and Upper Case Print		
21.b. Lower Case Prints as Upper Case		
22.a. Lower Case Prints as Error		
22.b. Lower Case Prints as Upper Case		
39.a. Forms on		
39.b. Forms off		
48.a. Paper Out Not Gated W/FF		
48.b. Paper Out Gated W/FF		

DCC — Controller Arrangement Form  
 HANDLES: 4-KDs & Up To 2-PTRs (2 Print Local)

CARD POSITION	I/O SOCKET	DEVICE	STATION WORK SHEET	DEVICE ADDRESS ††					
				A	B	C	D	E	F
7	S1	STATION C/C (SCC)	DCC →						
7 & 3	S2 & A	KEYBOARD/DISPLAY	DEVICE ROW 1	Sp	F	<	K	Q	;
7 & 4	S3 & B	KEYBOARD/DISPLAY	DEVICE ROW 2	A	G	(	L	R	^
7	S4	PRINTER (NOTES)	DEVICE ROW 3	B	H	+	M	]	—
8 & 5	S5 & C	KEYBOARD/DISPLAY	DEVICE ROW 4	C	I		N	\$	/
8 & 6	S6 & D	KEYBOARD/DISPLAY	DEVICE ROW 5	D	[	&	O	*	S
8	S7	PRINTER (NOTES)	DEVICE ROW 6	E	.	J	P	)	T

†† ASCII and EBCDIC graphics are the same, except for

ASCII	EBCDIC
[	␣ ( ) ##
	( ! )
]	! ( ! )
^	␣ ( 4 )



Note 2: If the customer requires that print local operation be prohibited from all KDs, or just one KD, place a 340701 blocking key-top over the PRINT LOCAL position of the appropriate KD opcon(s).

## Characters in parentheses are displayed as the device addresses in local test when using EBCDIC line code.

SECTION 582-200-300

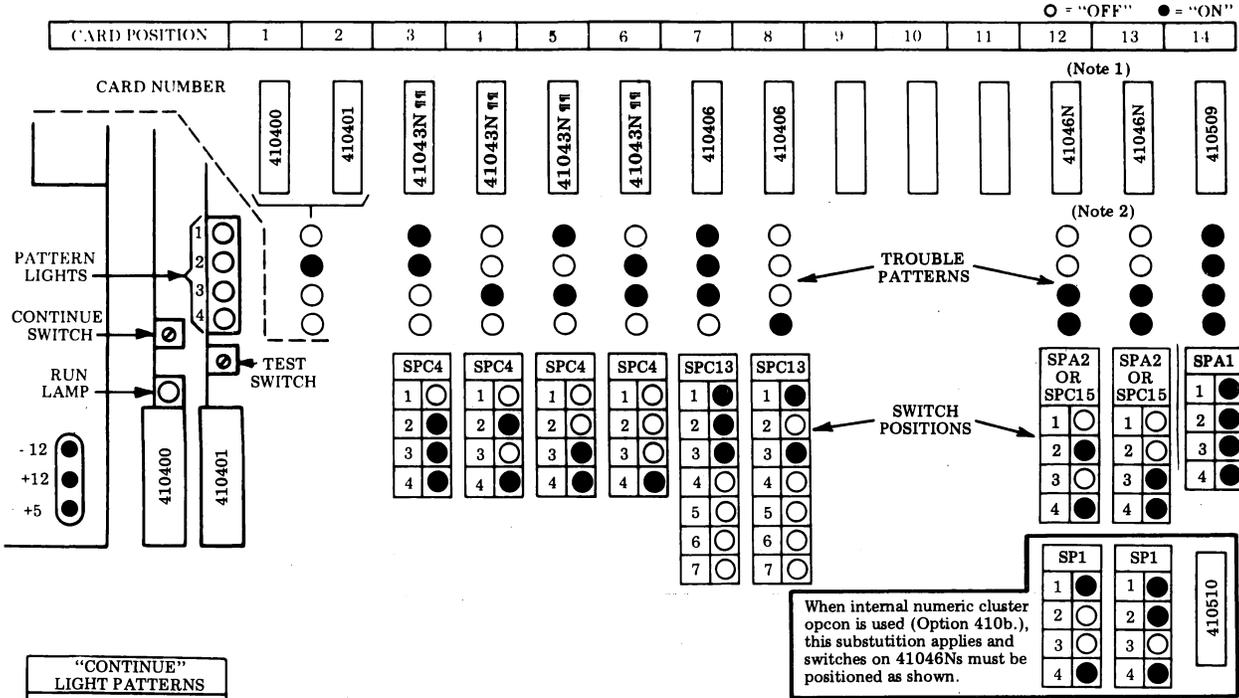
DCC — Controller Arrangement Form

DCC: A  B  C  D  E  F

USOC: 4TV + 4-(4TOX+ OR 4TPX+)

HANDLES: 4-KDs & Up To 2-PTRs (2 Print Local)

PATTERN LIGHTS OR SWITCH POSITIONS



"CONTINUE" LIGHT PATTERNS

There are no "CONTINUE" LIGHT PATTERNS

PRINTER OPTIONS		
PRINTER I/O SOCKET	S4	S7
Friction Feed		
Tractor Feed 80 Col		
Tractor Feed 132 Col		
17. Specify Right Margin		
Specify Left Margin		
18.a. No Paper Feed Out		
18.b. Paper FO on "RM" Loss		
18.c. Paper FO on "RM" Loss and ETX		
19.d. 96 Character Set		
19.e. 64 Character Set		
19.f. Ext. ASCII Set		
20.a. Single LF		
20.b. Double LF		
21.a. Lower and Upper Case Print		
21.b. Lower Case Prints as Upper Case		
22.a. Lower Case Prints as Error		
22.b. Lower Case Prints as Upper Case		
39.a. Forms on		
39.b. Forms off		
48.a. Paper Out Not Gated W/FF		
48.b. Paper Out Gated W/FF		

Note 1: Positions 12 and 13 may contain two 410465s or two 410461s or one 410465 and one 410461. SPC15 applies to 410461 only.

Note 2: Same trouble pattern for both 41046Ns. If pattern occurs, replace 41046Ns one at a time until pattern no longer appears.

Note 3: Printer in I/O socket S4 is print local to KDs in I/O socket S2 & A and S3 & B. Printer in I/O socket S7 is print local to KDs in I/O socket S5 & C and S6 & D. If no printer in I/O socket S7, printer in I/O socket S4 will be print local to all KDs. See Note 4.

¶¶ 41043N — any D I/O circuit card.

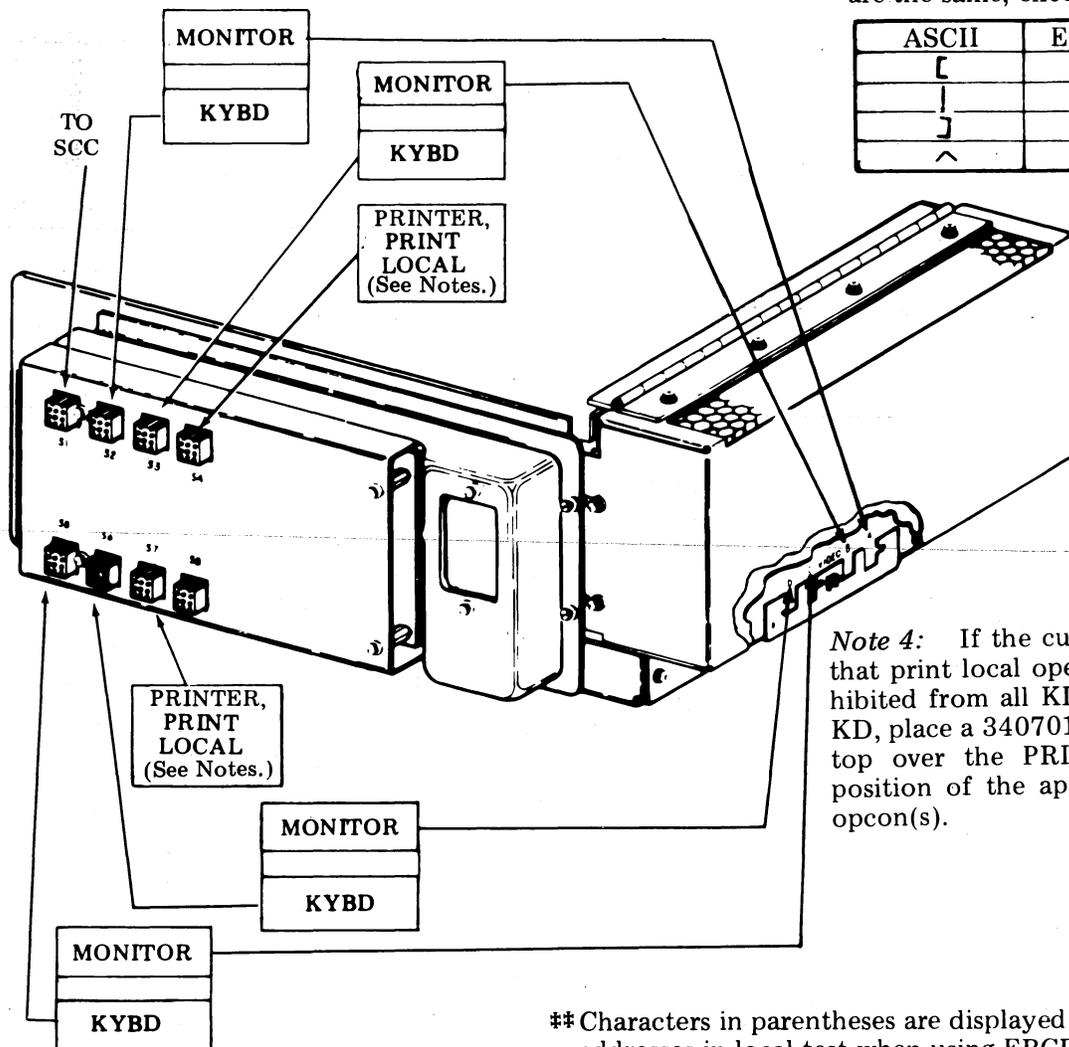
See adjacent page for connections and device addresses.

DCC — Controller Arrangement Form  
 HANDLES: 4-KDs & Up To 2-PTRs (2 Print Local)

CARD POSITION	I/O SOCKET	DEVICE	STATION WORK SHEET	DEVICE ADDRESS ††
7	S1	STATION C/C (SCC)	DCC →	A B C D E F
7 & 3	S2 & A	KEYBOARD/DISPLAY	DEVICE ROW 1	Sp F < K Q ;
7 & 4	S3 & B	KEYBOARD/DISPLAY	DEVICE ROW 2	A G ( L R ^
7	S4	PRINTER (NOTES)	DEVICE ROW 3	B H + M ] -
8 & 5	S5 & C	KEYBOARD/DISPLAY	DEVICE ROW 4	C I ! N \$ /
8 & 6	S6 & D	KEYBOARD/DISPLAY	DEVICE ROW 5	D [ & O * S
8	S7	PRINTER (NOTES)	DEVICE ROW 6	E . J P ) T

†† ASCII and EBCDIC graphics are the same, except for

ASCII	EBCDIC
[	⋄ ( ) ##
	! ( ! )
]	! ( ! )
^	⋄ ( ⋄ )



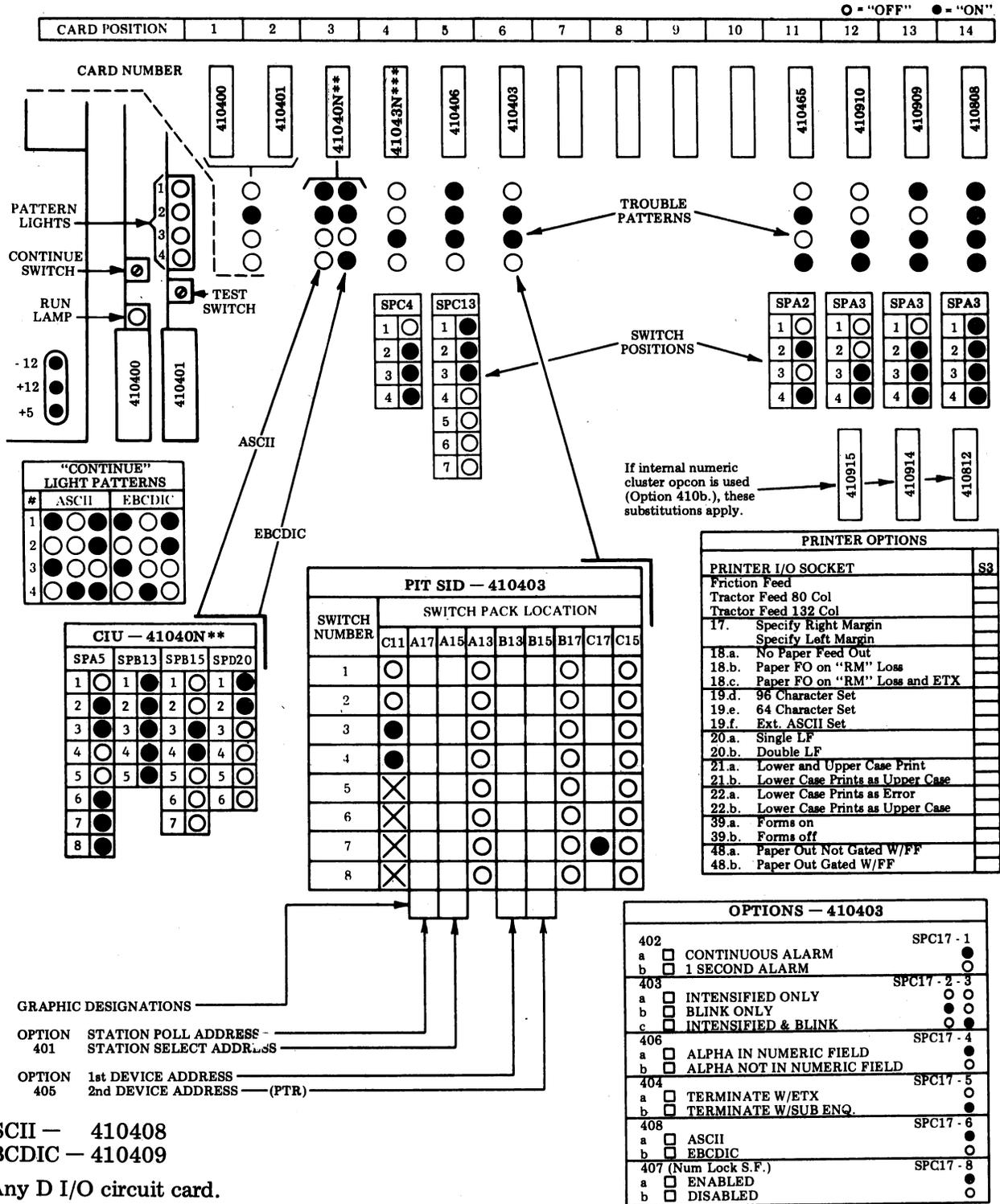
Note 4: If the customer requires that print local operation be prohibited from all KDs, or just one KD, place a 340701 blocking key-top over the PRINT LOCAL position of the appropriate KD opcon(s).

## Characters in parentheses are displayed as the device addresses in local test when using EBCDIC line code.

SECTION 582-200-300

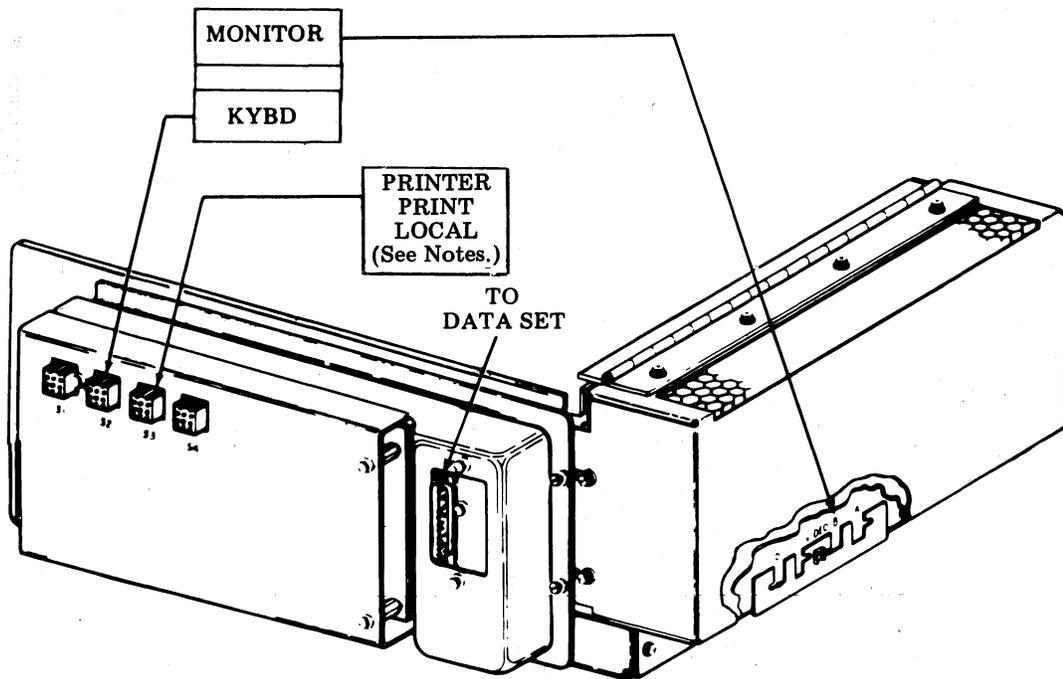
MCC — Controller Arrangement Form  
 LINE CODE: ASCII  EBCDIC   
 USOC: 4TX + (4TOX+ OR 4TPX+)  
 HANDLES: 1-KD & 1-PTR (Print Local)

PATTERN LIGHTS OR SWITCH POSITIONS



MCC — Controller Arrangement Form  
 HANDLES: 1-KD & 1-PTR (Print Local)

CARD POSITION	I/O SOCKET	STATION WORK SHEET
3	DS	DATA SET
4 & 5	S2-B	KEYBOARD/MON. (1)
5	S3	PRINTER (2)



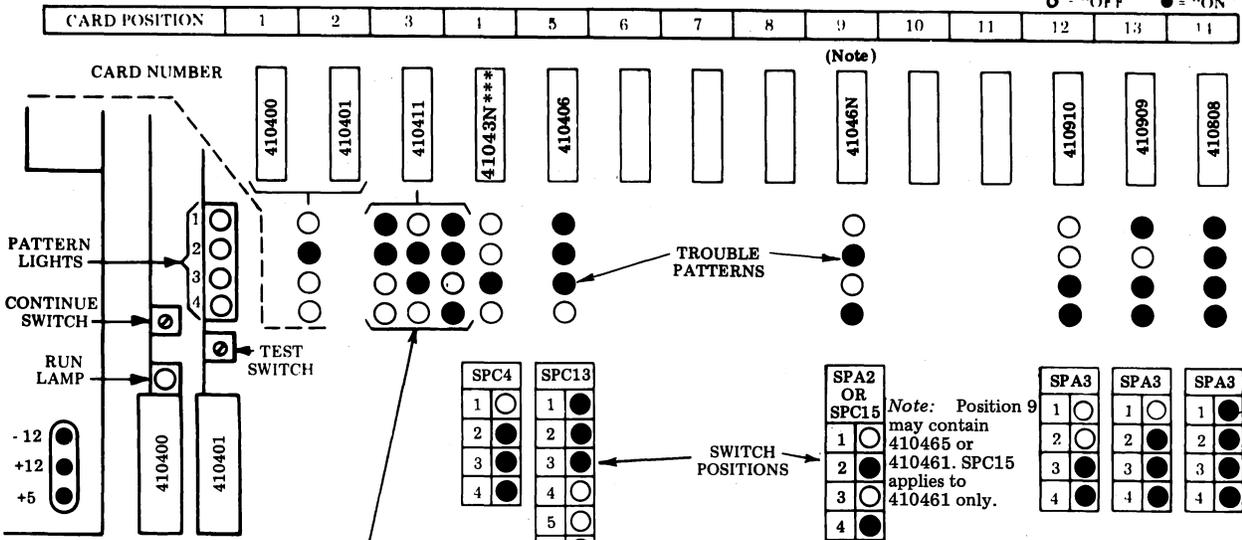
*Note 1:* If the customer requires that print local operation be prohibited from the KD, place a 340701 over the PRINT LOCAL position of the KD opcon. Another method is to connect the printer to S4, option 410403 so that the third device address (B17) is the printer address, and turn all B15 switches off.

*Note 2:* If printer is not part of station, option all B15 switches off.

MCC — Controller Arrangement Form  
 LINE CODE: ASCII  EBCDIC   
 USOC: 4TX + (4TOX+ OR 4TPX+)  
 HANDLES: 1-KD & 1-PTR (Print Local)

PATTERN LIGHTS OR SWITCH POSITIONS

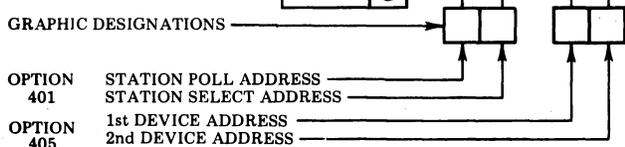
○ = "OFF" ● = "ON"



#	1	2	3	4
1	●	○	○	○
2	○	○	○	○
3	○	○	○	○
4	○	○	○	○

SWITCH NUMBER	SWITCH PACK LOCATION									
	A21	B12	B1	B2	B3	B4	B5	B6	B7	B8
1	○	○	○	○	○	○	○	○	○	○
2	○	○	○	○	○	○	○	○	○	○
3	○	○	○	○	○	○	○	○	○	○
4	○	○	○	○	○	○	○	○	○	○
5	○	○	○	○	○	○	○	○	○	○
6	○	○	○	○	○	○	○	○	○	○
7	○	○	○	○	○	○	○	○	○	○
8	○	○	○	○	○	○	○	○	○	○
9	○	○	○	○	○	○	○	○	○	○

PRINTER I/O SOCKET	S3
Friction Feed	
Tractor Feed 80 Col	
Tractor Feed 132 Col	
17. Specify Right Margin	
Specify Left Margin	
18.a. No Paper Feed Out	
18.b. Paper FO on "RM" Loss	
18.c. Paper FO on "RM" Loss and ETX	
19.d. 96 Character Set	
19.e. 64 Character Set	
19.f. Ext. ASCII Set	
20.a. Single LF	
20.b. Double LF	
21.a. Lower and Upper Case Print	
21.b. Lower Case Prints as Upper Case	
22.a. Lower Case Prints as Error	
22.b. Lower Case Prints as Upper Case	
39.a. Forms on	
39.b. Forms off	
48.a. Paper Out Not Gated W/FF	
48.b. Paper Out Gated W/FF	



\*\*\*Any D I/O circuit card.

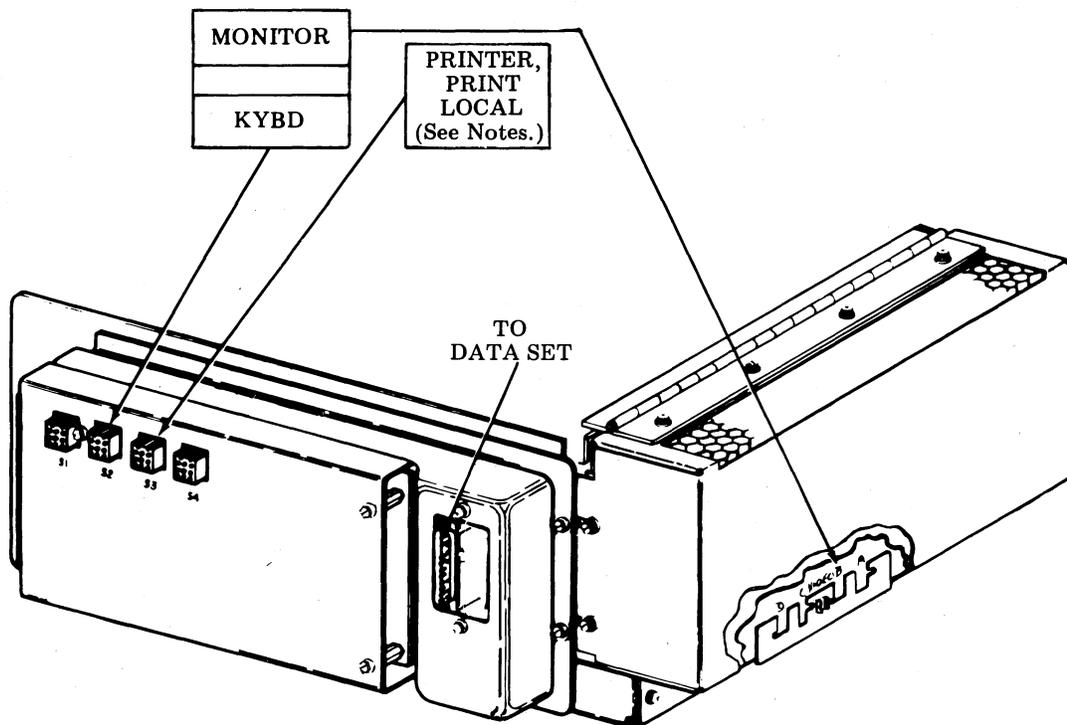
Caution: PROMs 450013, 450014, 450015 and 450016 on 410808 (if used) must be Issue 3 or later.

402	SPB7-1	404	SPB7-5
a <input type="checkbox"/> CONTINUOUS ALARM	○	a <input type="checkbox"/> TERMINATE W/ETX	○
b <input type="checkbox"/> 1 SECOND ALARM	○	b <input type="checkbox"/> TERMINATE W/SUB ENQ.	○
403	SPB7-2-3	408	SPB7-6
a <input type="checkbox"/> INTENSIFIED ONLY	○	a <input type="checkbox"/> ASCII	○
b <input type="checkbox"/> BLINK ONLY	○	b <input type="checkbox"/> EBCDIC	○
c <input type="checkbox"/> INTENSIFIED & BLINK	○	407 (Num Lock S.F.)	SPB7-8
406	SPB7-4	a <input type="checkbox"/> ENABLED	○
a <input type="checkbox"/> ALPHA IN NUMERIC FIELD	○	b <input type="checkbox"/> DISABLED	○
b <input type="checkbox"/> ALPHA NOT IN NUMERIC FIELD	○		

See adjacent page for connections.

MCC — Controller Arrangement Form  
 HANDLES: 1-KD & Up To 1-PTR (1 Print Local)

CARD POSITION	I/O SOCKET	DEVICE
3	DS	DATA SET
4 & 5	S2-B	KEYBOARD/MON. (1)
5	S3	PRINTER (2)



*Note 1:* If the customer requires that print local operation be prohibited from the KD, place a 340701 blocking keytop over the PRINT LOCAL position of the KD opcon. Another method is to connect the printer to S4, option 410411 so that the third device address (B6) is the printer address, and turn all B5 switches off.

*Note 2:* If printer is not part of station, option B5 switches off on 410411 circuit card.

SECTION 582-200-300

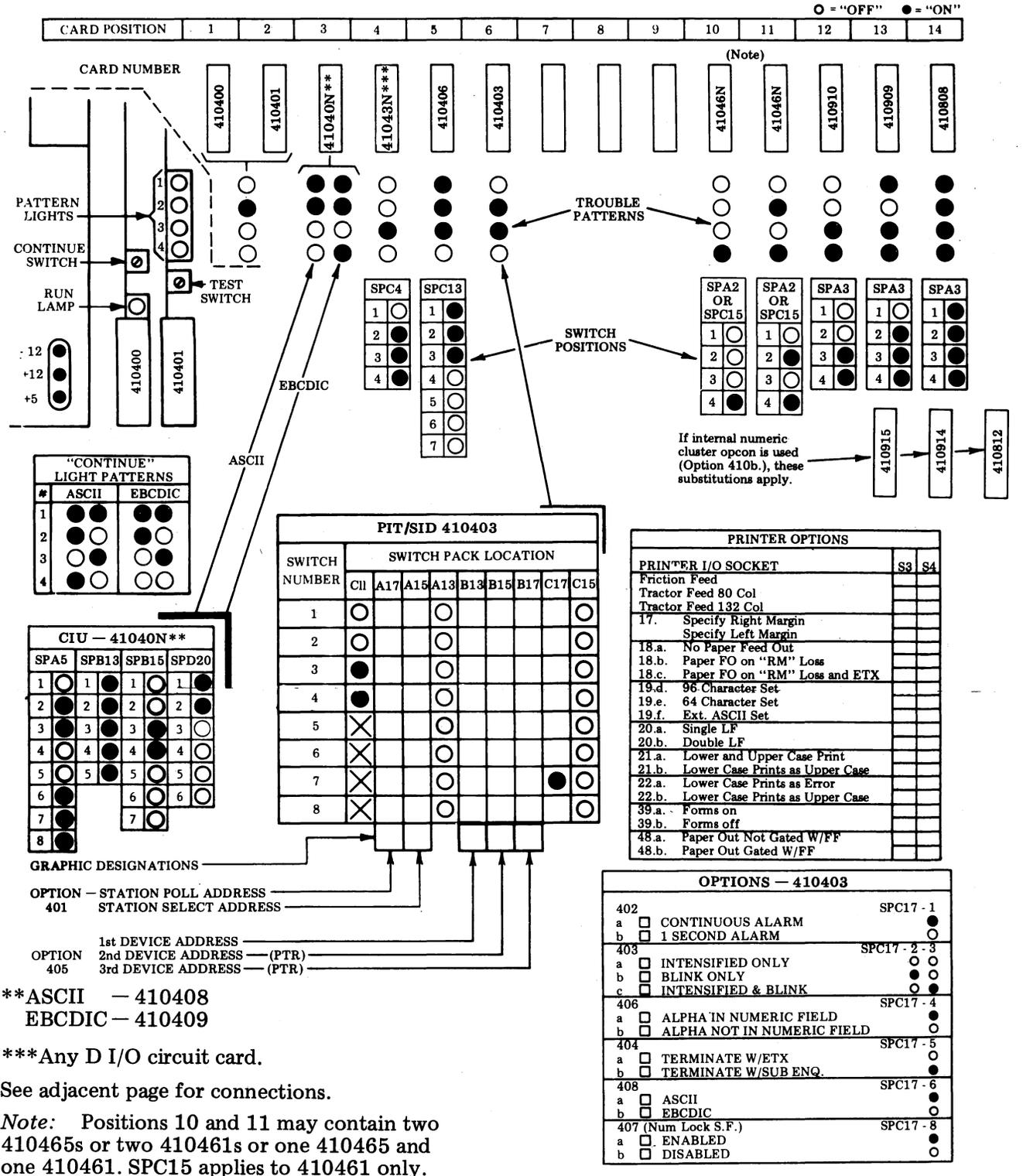
MCC — Controller Arrangement Form

LINE CODE: ASCII  EBCDIC

USOC: 4TX + (4TOX + OR 4TPX+)

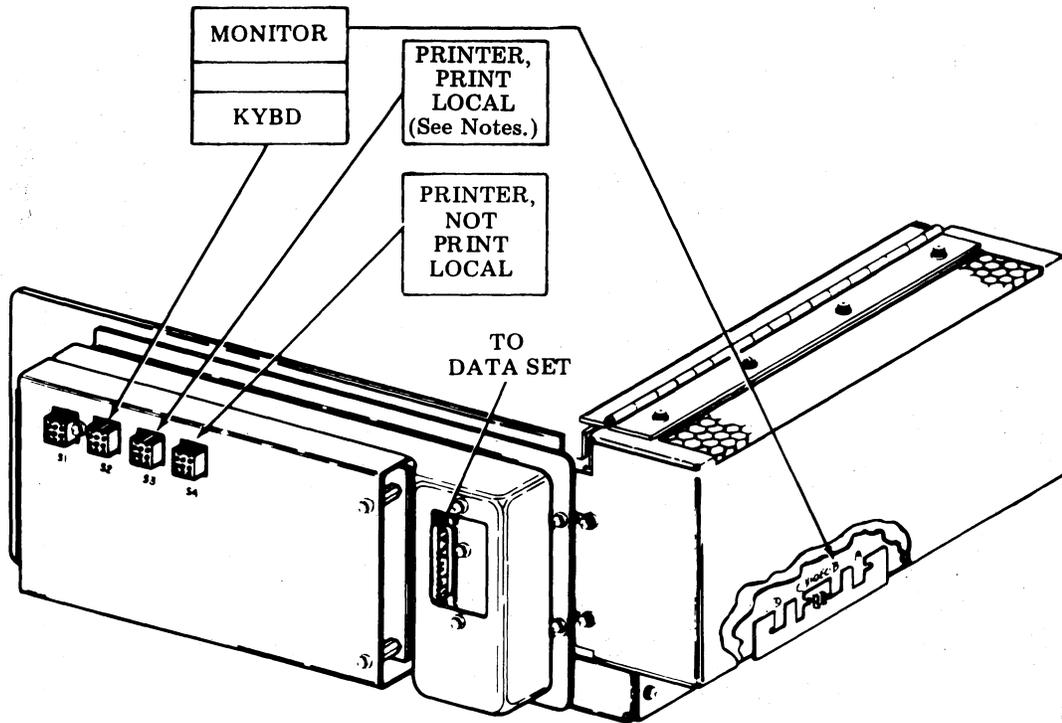
HANDLES: 1-KD & 2 PTRs (1 Print Local)

PATTERN LIGHTS OR SWITCH POSITIONS



MCC — Controller Arrangement Form  
 HANDLES: 1-KD & 2-PTRs (1 Print Local)

CARD POSITION	I/O SOCKET	DEVICE
3	DS	DATA SET
4 & 5	S2-B	KEYBOARD/MON. (1)
5	S3	PRINTER (2)
5	S4	PRINTER (3)



*Note 1:* If the customer requires that print local operation be prohibited from the KD, place a 340701 blocking keytop over the PRINT LOCAL position of the KD opcon.

*Note 2:* If only one printer is part of the order and the customer requires that print local operation be prohibited from the KD, another method can be used: connect printer to S4, option 410403 card for third device address (B17) to be the printer address, and turn all B15 switches off.

SECTION 582-200-300

MCC — Controller Arrangement Form

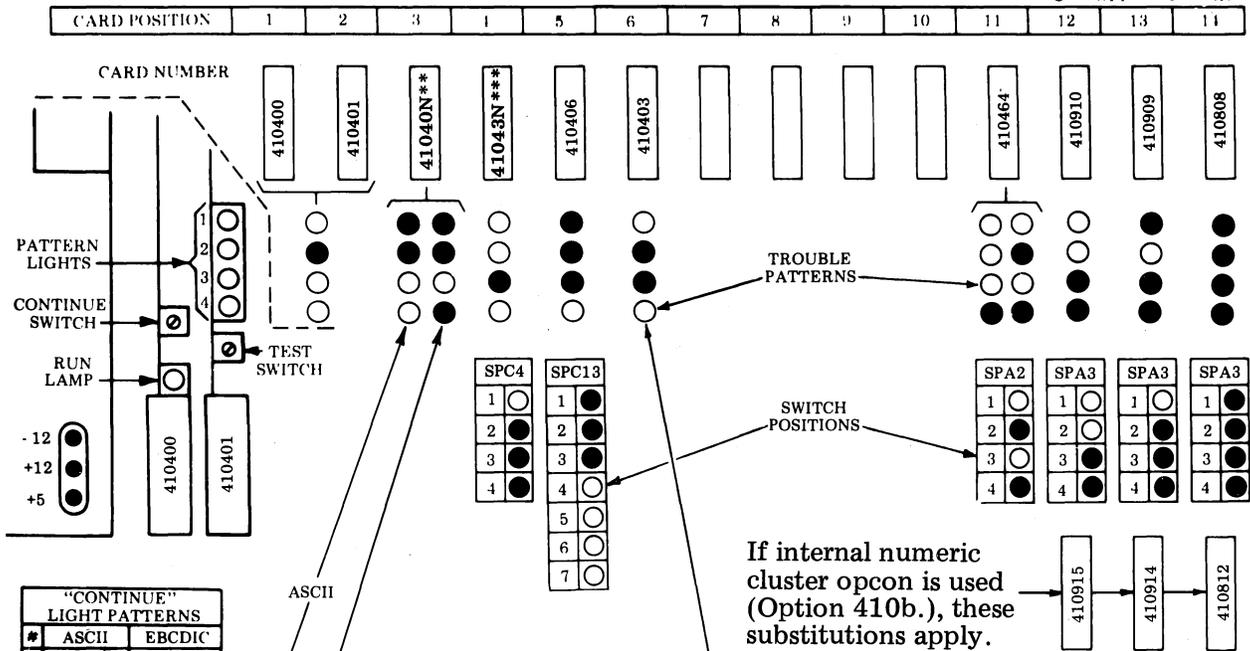
LINE CODE: ASCII  EBCDIC

USOC: 4TX + (4TOX+ OR 4TPX+)

HANDLES: 1-KD & 2 PTRs (1 Print Local)

PATTERN LIGHTS OR SWITCH POSITIONS

○ : "OFF" ● : "ON"



"CONTINUE" LIGHT PATTERNS		
#	ASCII	EBCDIC
1	● ●	● ●
2	○ ○	● ○
3	○ ○	○ ○
4	● ○	○ ○

CIU — 41040N**			
SPA5	SPB13	SPB15	SPD20
1	○	○	○
2	●	●	○
3	●	●	○
4	○	○	○
5	○	○	○
6	○	○	○
7	○	○	○
8	○	○	○

SWITCH NUMBER	SWITCH PACK LOCATION								
	C11	A17	A15	A13	B13	B15	B17	C17	C15
1	○			○					○
2	○								
3	●			○					○
4	●			○					○
5	⊗			○					○
6	⊗			○					○
7	⊗			○				●	○
8	⊗			○					○

PRINTER OPTIONS		S3	S4
PRINTER I/O SOCKET			
Friction Feed			
Tractor Feed 80 Col			
Tractor Feed 132 Col			
17. Specify Right Margin			
Specify Left Margin			
18.a. No Paper Feed Out			
18.b. Paper FO on "RM" Loss			
18.c. Paper FO on "RM" Loss and ETX			
19.d. 96 Character Set			
19.e. 64 Character Set			
19.f. Ext. ASCII Set			
20.a. Single LF			
20.b. Double LF			
21.a. Lower and Upper Case Print			
21.b. Lower Case Prints as Upper Case			
22.a. Lower Case Prints as Error			
22.b. Lower Case Prints as Upper Case			
39.a. Forms on			
39.b. Forms off			
48.a. Paper Out Not Gated W/FF			
48.b. Paper Out Gated W/FF			

GRAPHIC DESIGNATIONS

OPTION — STATION POLL ADDRESS  
401 STATION SELECT ADDRESS

OPTION 405 1st DEVICE ADDRESS —  
2nd DEVICE ADDRESS (PTR)  
3rd DEVICE ADDRESS (PTR)

\*\*ASCII — 410408  
EBCDIC — 410409

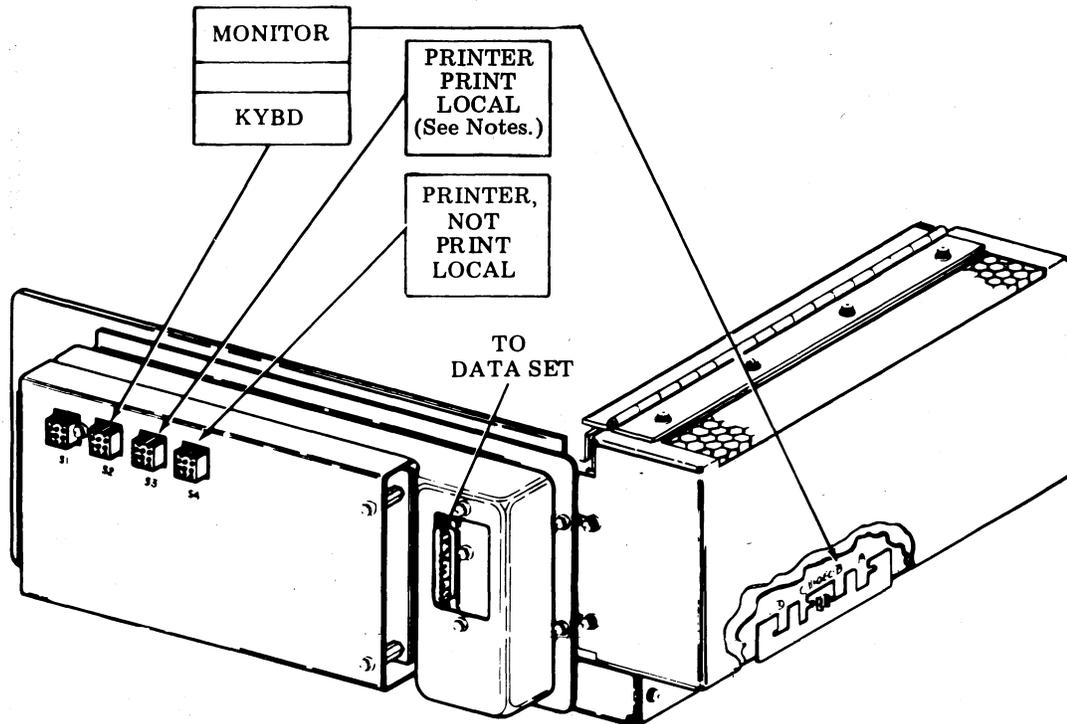
\*\*\*Any D I/O circuit card.

See adjacent page for connections.

OPTIONS — 410403			
402	SPC17 - 1	404	SPC17 - 5
a <input type="checkbox"/> CONTINUOUS ALARM	●	a <input type="checkbox"/> TERMINATE W/ETX	○
b <input type="checkbox"/> 1 SECOND ALARM	○	b <input type="checkbox"/> TERMINATE W/SUB ENQ.	●
403	SPC17 - 2 - 3	408	SPC17 - 6
a <input type="checkbox"/> INTENSIFIED ONLY	○	a <input type="checkbox"/> ASCII	○
b <input type="checkbox"/> BLINK ONLY	○	b <input type="checkbox"/> EBCDIC	○
c <input type="checkbox"/> INTENSIFIED & BLINK	○	407 (Num Lock S.F.)	SPC17 - 8
406	SPC17 - 1	a <input type="checkbox"/> ENABLED	●
a <input type="checkbox"/> ALPHA IN NUMERIC FIELD	●	b <input type="checkbox"/> DISABLED	○
b <input type="checkbox"/> ALPHA NOT IN NUMERIC FIELD	○		

MCC — Controller Arrangement Form  
 HANDLES: 1-KD & 2-PTRs (1 Print Local)

CARD POSITION	I/O SOCKET	DEVICE
3	DS	DATA SET
4 & 5	S2-B	KEYBOARD/MON. (1)
5	S3	PRINTER (2)
5	S4	PRINTER (3)



*Note 1:* If the customer requires that print local operation be prohibited from the KD, place a 340701 blocking keytop over the PRINT LOCAL position of the KD opcon.

*Note 2:* If only one printer is part of the order and the customer requires that print local operation be prohibited from the KD, another method can be used: connect printer to S4, option 410403 card for third device address (B17) to be the printer address, and turn all B15 switches off.

SECTION 582-200-300

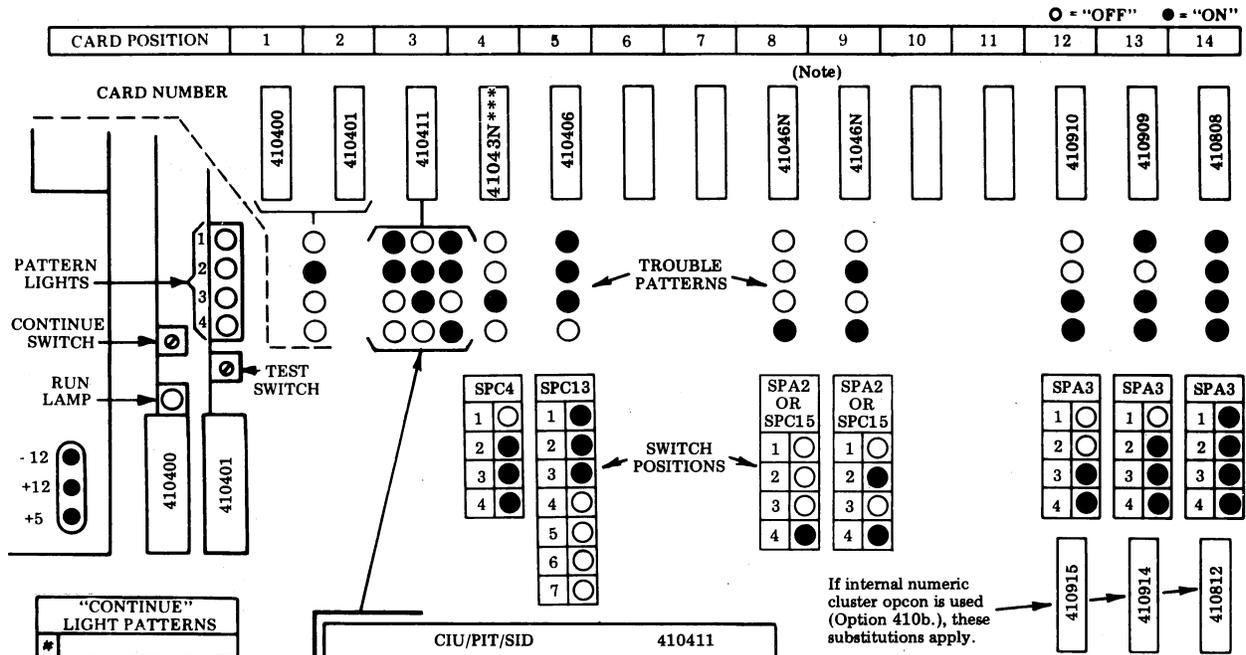
MCC — Controller Arrangement Form

LINE CODE: ASCII  EBCDIC

USOC: 4TX + (4TOX+ OR 4TPX+)

HANDLES: 1-KD & 2 PTRs (1 Print Local)

PATTERN LIGHTS OR SWITCH POSITIONS



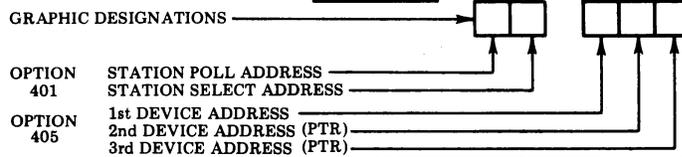
"CONTINUE" LIGHT PATTERNS

#	
1	●
2	○
3	●
4	○

Note: Positions 8 and 9 may contain two 410465s or two 410461s or one 410465 and one 410461. SPC15 applies to 410461 only.

CIU/PIT/SID		410411								
SWITCH NUMBER	SWITCH PACK LOCATION									
	A21	B12	B1	B2	B3	B4	B5	B6	B7	B8
1	○	●			○					○
2	○	●			○					○
3	○	●			○					○
4	○	○			○					○
5	○	○			○					○
6	○	●			○					○
7	○	●			○				●	○
8	○	●			○					○
9	○									

PRINTER OPTIONS		S3	S4
<b>PRINTER I/O SOCKET</b>			
Friction Feed			
Tractor Feed 80 Col			
Tractor Feed 132 Col			
17. Specify Right Margin			
Specify Left Margin			
18.a. No Paper Feed Out			
18.b. Paper FO on "RM" Loss			
18.c. Paper FO on "RM" Loss and ETX			
19.d. 96 Character Set			
19.e. 64 Character Set			
19.f. Ext. ASCII Set			
20.a. Single LF			
20.b. Double LF			
21.a. Lower and Upper Case Print			
21.b. Lower Case Prints as Upper Case			
22.a. Lower Case Prints as Error			
22.b. Lower Case Prints as Upper Case			
39.a. Forms on			
39.b. Forms off			
48.a. Paper Out Not Gated W/FF			
48.b. Paper Out Gated W/FF			



\*\*\* Any D I/O circuit card.

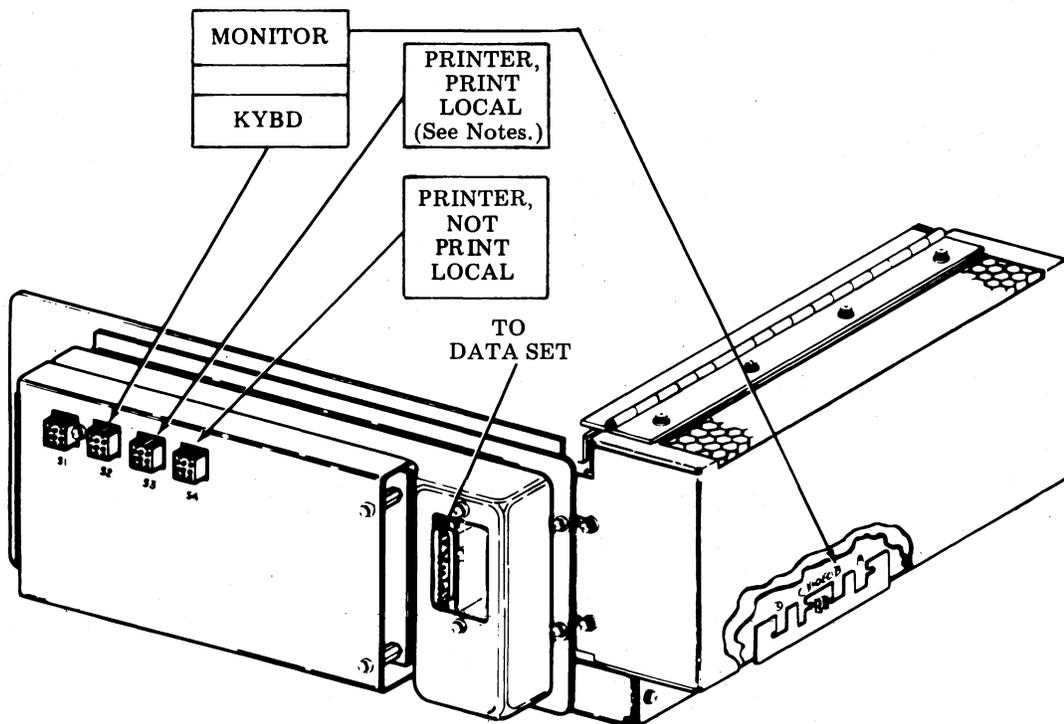
Caution: PROMs 450013, 450014, 450015 and 450016 on 410808 (if used) must be Issue 3 or later.

OPTIONS — 410411			
402	SPB7-1	404	SPB7-5
a <input type="checkbox"/> CONTINUOUS ALARM	●	a <input type="checkbox"/> TERMINATE W/ETX	○
b <input type="checkbox"/> 1 SECOND ALARM	○	b <input type="checkbox"/> TERMINATE W/SUB ENQ.	○
403	SPB7-2-3	408	SPB7-6
a <input type="checkbox"/> INTENSIFIED ONLY	○	a <input type="checkbox"/> ASCII	○
b <input type="checkbox"/> BLINK ONLY	○	b <input type="checkbox"/> EBCDIC	○
c <input type="checkbox"/> INTENSIFIED & BLINK	○	407 (Num Lock S.F.)	SPB7-8
406	SPB7-4	a <input type="checkbox"/> ENABLED	●
a <input type="checkbox"/> ALPHA IN NUMERIC FIELD	○	b <input type="checkbox"/> DISABLED	○
b <input type="checkbox"/> ALPHA NOT IN NUMERIC FIELD	○		

See adjacent page for connections.

MCC — Controller Arrangement Form  
 HANDLES: 1-KD & Up To 2-PTRs (1 Print Local)

CARD POSITION	I/O SOCKET	DEVICE
3	DS	DATA SET
4 & 5	S2-B	KEYBOARD/MON. (1)
5	S3	PRINTER (2)
5	S4	PRINTER (3)



*Note 1:* If the customer requires that print local operation be prohibited from the KD, place a 340701 blocking keytop over the PRINT LOCAL position of the KD opcon.

*Note 2:* If only one printer is part of the order and the customer requires that print local operation be prohibited from the KD, another method can be used: connect printer to S4, option 410411 card for third device address (B6) to be the printer address, and turn all B5 switches off.

*Note 3:* If printers are not part of station, option B5 and B6 switches off on 410411 circuit card.

MCC — Controller Arrangement Form

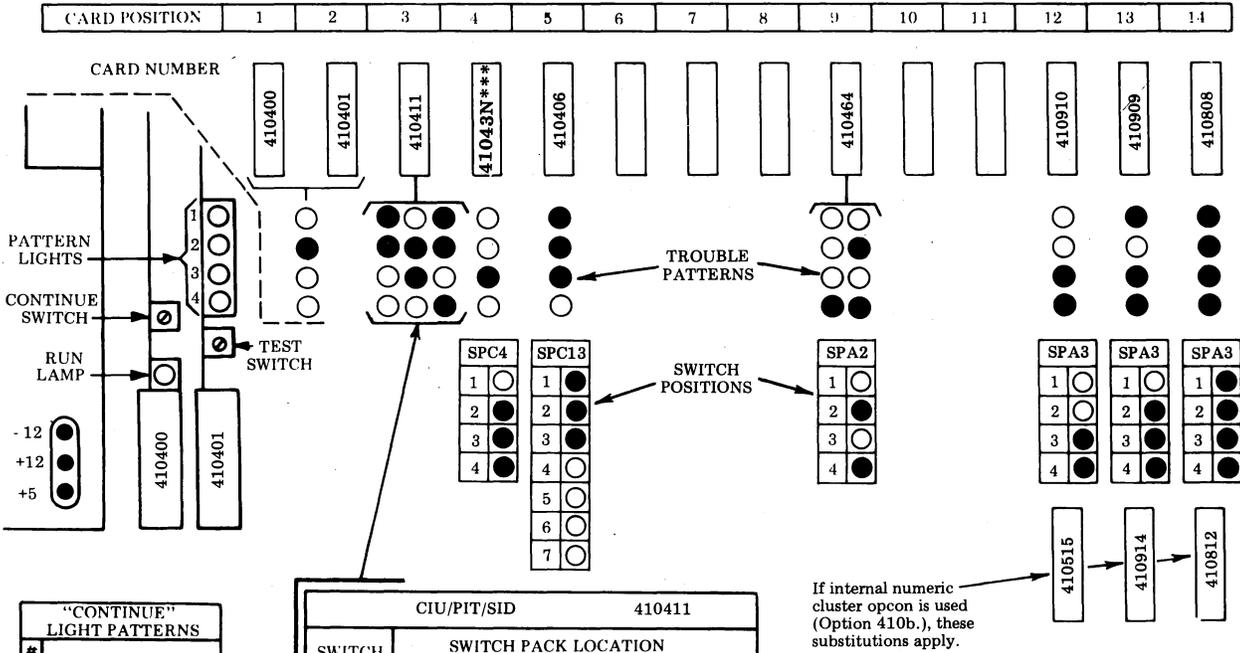
LINE CODE: ASCII  EBCDIC

USOC: 4TX+ (4TOX+ OR 4TPX+)

HANDLES: 1-KD & 2 PTRs (1 Print Local)

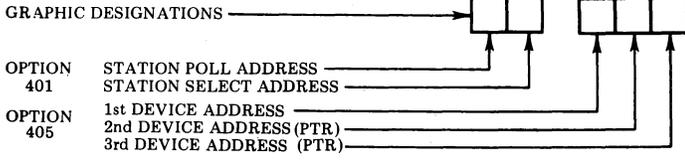
PATTERN LIGHTS OR SWITCH POSITIONS

○ = "OFF" ● = "ON"



SWITCH NUMBER	SWITCH PACK LOCATION									
	A21	B12	B1	B2	B3	B4	B5	B6	B7	B8
1	○	●			○					○
2	○	○			○					○
3	○	○			○					○
4	○	○			○					○
5	○	○			○					○
6	○	○			○					○
7	○	○			○			●		○
8	○	○			○					○
9	○	○			○					○

PRINTER OPTIONS		S3	S4
PRINTER I/O SOCKET			
Friction Feed			
Tractor Feed 80 Col			
Tractor Feed 132 Col			
17. Specify Right Margin			
Specify Left Margin			
18.a. No Paper Feed Out			
18.b. Paper FO on "RM" Loss			
18.c. Paper FO on "RM" Loss and ETX			
19.d. 96 Character Set			
19.e. 64 Character Set			
19.f. Ext. ASCII Set			
20.a. Single LF			
20.b. Double LF			
21.a. Lower and Upper Case Print			
21.b. Lower Case Prints as Upper Case			
22.a. Lower Case Prints as Error			
22.b. Lower Case Prints as Upper Case			
39.a. Forms on			
39.b. Forms off			
48.a. Paper Out Not Gated W/FF			
48.b. Paper Out Gated W/FF			



\*\*\*Any D I/O circuit card.

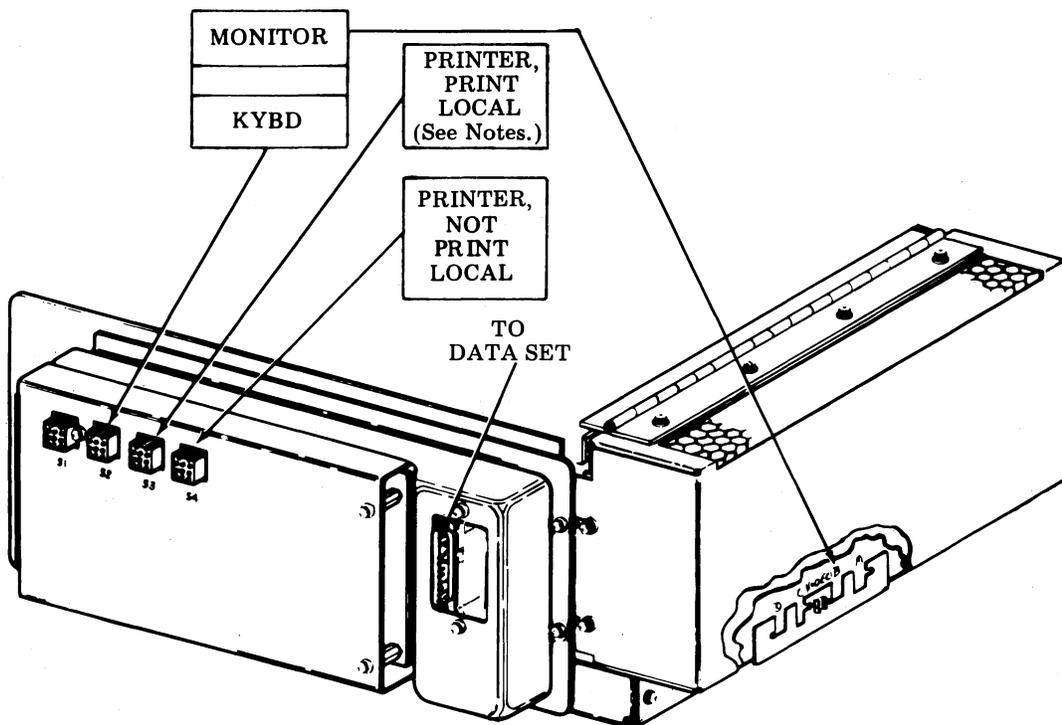
Caution: PROMs 450013, 450014, 450015 and 450016 on 410808 (if used) must be Issue 3 or later.

OPTIONS — 410411			
402	SPB7-1	404	SPB7-5
a	<input type="checkbox"/> CONTINUOUS ALARM	a	<input type="checkbox"/> TERMINATE W/ETX
b	<input type="checkbox"/> 1 SECOND ALARM	b	<input type="checkbox"/> TERMINATE W/SUB ENQ.
403	SPB7-2-3	408	SPB7-6
a	<input type="checkbox"/> INTENSIFIED ONLY	a	<input type="checkbox"/> ASCII
b	<input type="checkbox"/> BLINK ONLY	b	<input type="checkbox"/> EBCDIC
c	<input type="checkbox"/> INTENSIFIED & BLINK	407 (Num Lock S.F.)	SPB7-8
406	SPB7-4	a	<input type="checkbox"/> ENABLED
a	<input type="checkbox"/> ALPHA IN NUMERIC FIELD	b	<input type="checkbox"/> DISABLED
b	<input type="checkbox"/> ALPHA NOT IN NUMERIC FIELD		

See adjacent page for connections.

MCC — Controller Arrangement Form  
 HANDLES: 1-KD & Up To 2-PTRs (1 Print Local)

CARD POSITION	I/O SOCKET	DEVICE
3	DS	DATA SET
4 & 5	S2-B	KEYBOARD/MON. (1)
5	S3	PRINTER (2)
5	S4	PRINTER (3)



*Note 1:* If the customer requires that print local operation be prohibited from the KD, place a 340701 blocking keytop over the PRINT LOCAL position of the KD opcon.

*Note 2:* If only one printer is part of the order and the customer requires that print local operation be prohibited from the KD, another method can be used: connect printer to S4, option 410411 card for third device address (B6) to be the printer address, and turn all B5 switches off.

*Note 3:* If printers are not part of station, option B5 and B6 switches off on 410411 circuit card.

SECTION 582-200-300

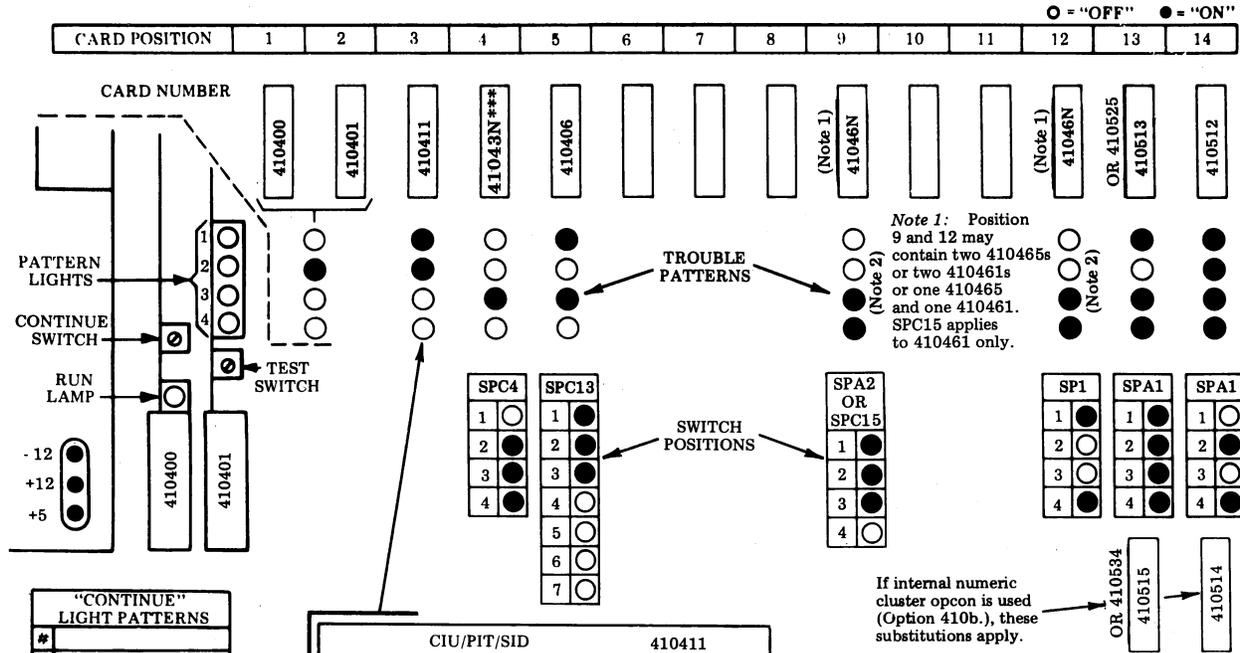
MCC - Controller Arrangement Form

LINE CODE: ASCII  EBCDIC

USOC: 4TX + (4TOX+ OR 4TPX+)

HANDLES: 1-KD & 2 PTRs (1 Print Local)

PATTERN LIGHTS OR SWITCH POSITIONS

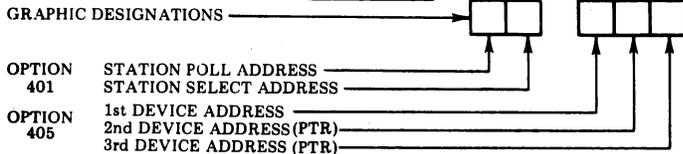


"CONTINUE" LIGHT PATTERNS	
#	
1	○
2	●
3	●
4	○

Note 2: Same trouble pattern for both 41046Ns. If pattern occurs, replace 41046Ns one at a time until pattern no longer appears.

CIU/PIT/SID 410411										
SWITCH NUMBER	SWITCH PACK LOCATION									
	A21	B12	B1	B2	B3	B4	B5	B6	B7	B8
1	○	●			○					○
2	○	●			○					○
3	○	○			○					○
4	○	○			○					○
5	○	○			○					○
6	○	●			○					○
7	○	●			○					○
8	○	●			○					○
9	○				○					○

PRINTER OPTIONS	
PRINTER I/O SOCKET	S3 S4
Friction Feed	
Tractor Feed 80 Col	
Tractor Feed 132 Col	
17. Specify Right Margin	
Specify Left Margin	
18.a. No Paper Feed Out	
18.b. Paper FO on "RM" Loss	
18.c. Paper FO on "RM" Loss and ETX	
19.d. 96 Character Set	
19.e. 64 Character Set	
19.f. Ext. ASCII Set	
20.a. Single LF	
20.b. Double LF	
21.a. Lower and Upper Case Print	
21.b. Lower Case Prints as Upper Case	
22.a. Lower Case Prints as Error	
22.b. Lower Case Prints as Upper Case	
39.a. Forms on	
39.b. Forms off	
48.a. Paper Out Not Gated W/FF	
48.b. Paper Out Gated W/FF	



\*\*\*Any D I/O circuit card

See adjacent page for connections.

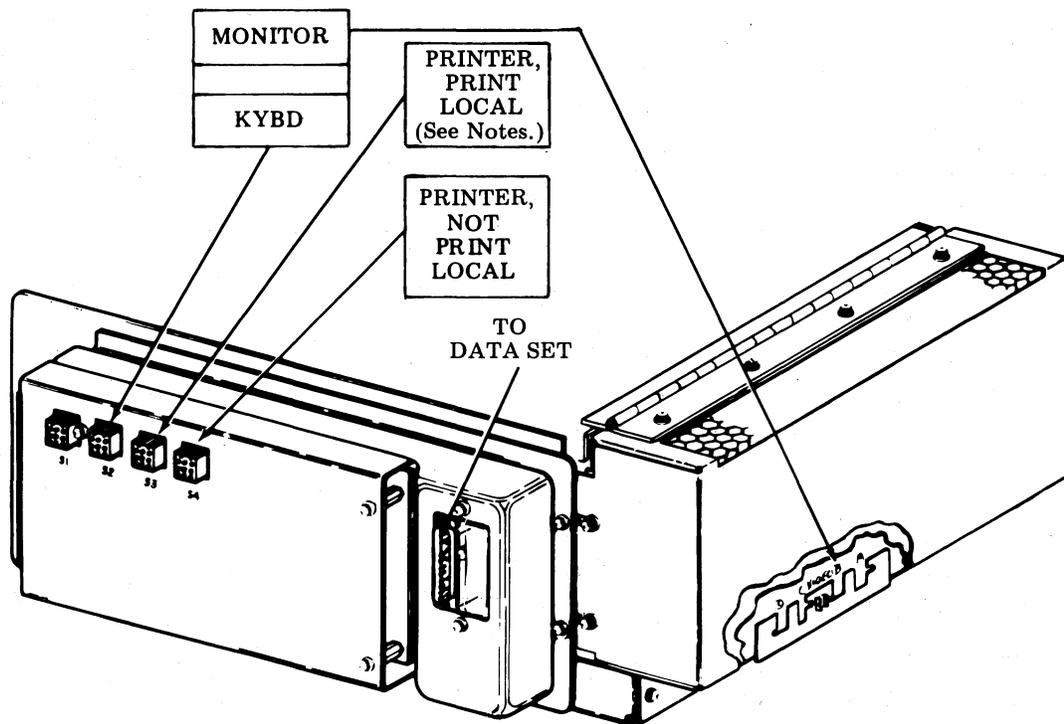
OPTIONS - 410411			
402	SPB7-1	404	SPB7-5
a <input type="checkbox"/> CONTINUOUS ALARM	○	a <input type="checkbox"/> TERMINATE W/ETX	○
b <input type="checkbox"/> 1 SECOND ALARM	●	b <input type="checkbox"/> TERMINATE W/SUB ENQ.	●
403	SPB7-2-3	408	SPB7-6
a <input type="checkbox"/> INTENSIFIED ONLY	○	a <input type="checkbox"/> ASCII	○
b <input type="checkbox"/> BLINK ONLY	○	b <input type="checkbox"/> EBCDIC	○
c <input type="checkbox"/> INTENSIFIED & BLINK	○	407 (Num Lock S.F.)	SPB7-8
406	SPB7-4	a <input type="checkbox"/> ENABLED	○
a <input type="checkbox"/> ALPHA IN NUMERIC FIELD	○	b <input type="checkbox"/> DISABLED	○
b <input type="checkbox"/> ALPHA NOT IN NUMERIC FIELD	○	414 BUFFER LOCK	SPB7-7
		a <input type="checkbox"/> ENABLED	○
		b <input type="checkbox"/> DISABLED (REQUIRES 410525)	○

Applies for 410525 or 410534.

Applies for 410513 or 410515.

MCC — Controller Arrangement Form  
 HANDLES: 1-KD & Up To 2-PTRs (1 Print Local)

CARD POSITION	I/O SOCKET	DEVICE
3	DS	DATA SET
4 & 5	S2-B	KEYBOARD/MON. (1)
5	S3	PRINTER (2)
5	S4	PRINTER (3)



*Note 1:* If the customer requires that print local operation be prohibited from the KD, place a 340701 blocking keytop over the PRINT LOCAL position of the KD opcon.

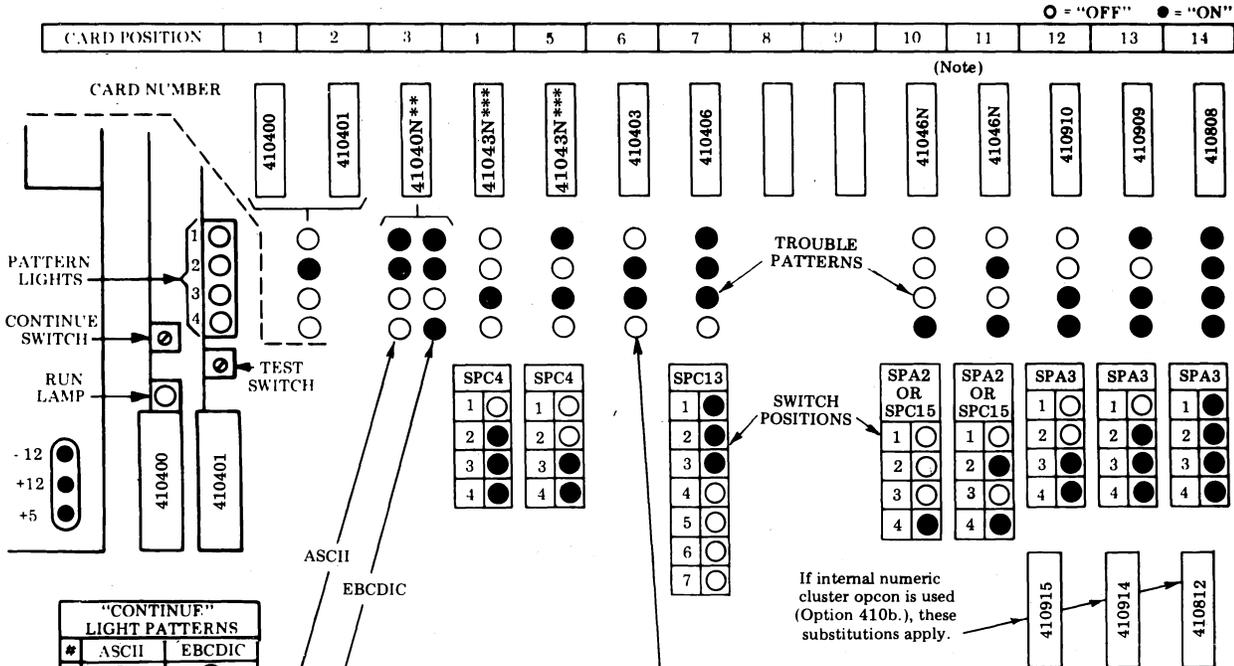
*Note 2:* If only one printer is part of the order and the customer requires that print local operation be prohibited from the KD, another method can be used: connect printer to S4, option 410411 card for third device address (B6) to be the printer address, and turn all B5 switches off.

*Note 3:* If printers are not part of station, option B5 and B6 switches off on 410411 circuit card.

SECTION 582-200-300

MCC — Controller Arrangement Form  
 LINE CODE: ASCII  EBCDIC   
 USOC: 4TX + 2-(4TOX+ OR 4TPX+)  
 HANDLES: 2-KDs & 1 PTR (Print Local)

PATTERN LIGHTS OR SWITCH POSITIONS



\*\*ASCII — 410408  
 EBCDIC — 410409

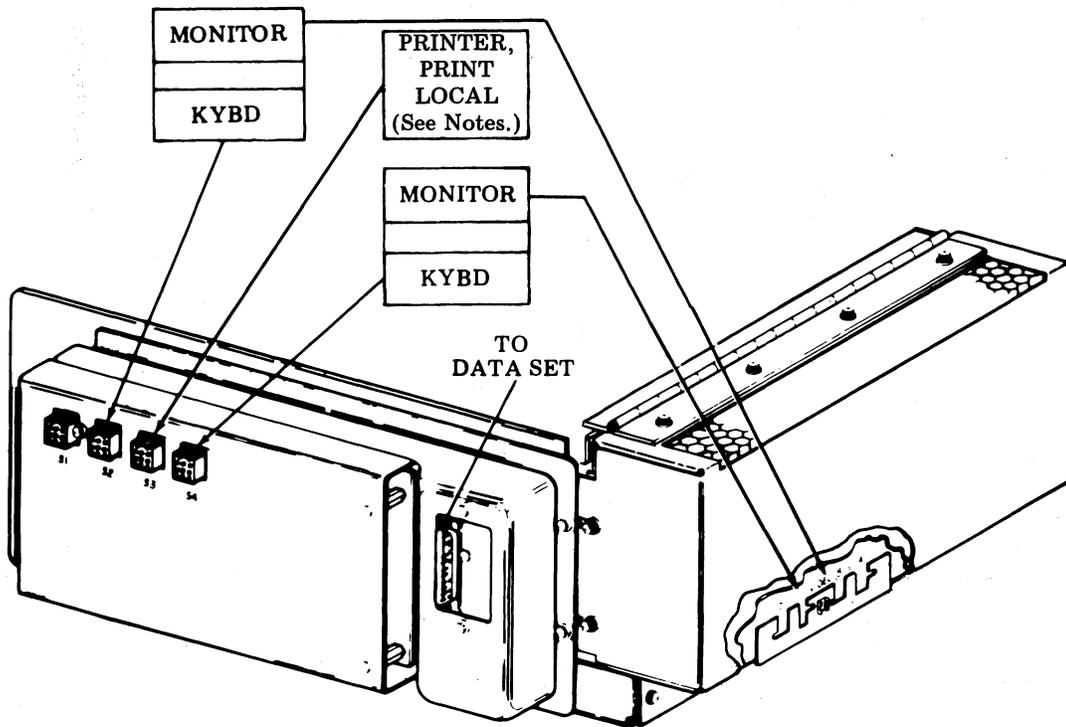
\*\*\*Any D I/O circuit card.

See adjacent page for connections.

OPTIONS — 410403	
402	SPC17 - 1
a <input type="checkbox"/> CONTINUOUS ALARM	○
b <input type="checkbox"/> 1 SECOND ALARM	○
403	SPC17 - 2 - 3
a <input type="checkbox"/> INTENSIFIED ONLY	○
b <input type="checkbox"/> BLINK ONLY	○
c <input type="checkbox"/> INTENSIFIED & BLINK	○
406	SPC17 - 4
a <input type="checkbox"/> ALPHA IN NUMERIC FIELD	○
b <input type="checkbox"/> ALPHA NOT IN NUMERIC FIELD	○
404	SPC17 - 5
a <input type="checkbox"/> TERMINATE W/ETX	○
b <input type="checkbox"/> TERMINATE W/SUB ENQ.	○
408	SPC17 - 6
a <input type="checkbox"/> ASCII	○
b <input type="checkbox"/> EBCDIC	○
407 (Num Lock S.F.)	SPC17 - 8
a <input type="checkbox"/> ENABLED	○
b <input type="checkbox"/> DISABLED	○

MCC — Controller Arrangement Form  
 HANDLES: 2-KDs & 1-PTR (Print Local)

CARD POSITION	I/O SOCKET	DEVICE
3	DS	DATA SET
4 & 7	S2-B	KEYBOARD/MON. (1)
7	S3	PRINTER (2)
5 & 7	S4-C	KEYBOARD/MON. (3)



*Note 1:* If the customer requires that print local operation be prohibited from the KD(s), place 340701 blocking keytop over the PRINT LOCAL position of the KD opcon(s).

*Note 2:* If printer is not included as part of configuration, option B15 switches off on 410403 circuit card and option B17 switches for 2nd KD.

SECTION 582-200-300

MCC — Controller Arrangement Form

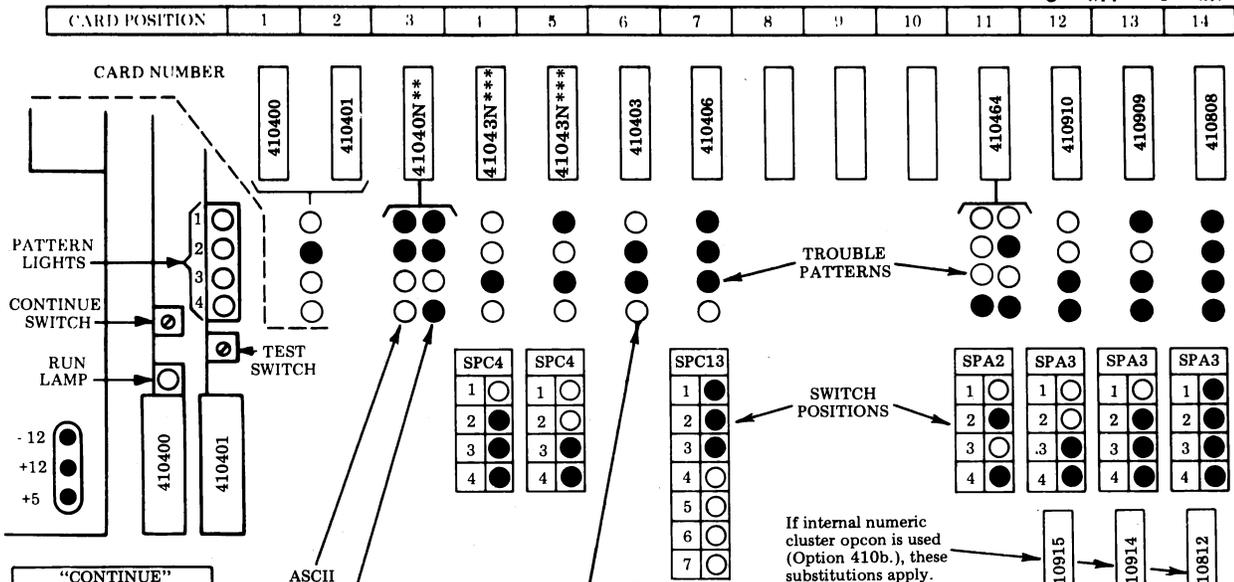
LINE CODE: ASCII  EBCDIC

USOC: 4TX + 2-(4TOX+ OR 4TPX+)

HANDLES: 2-KDs & 1-PTR (Print Local)

PATTERN LIGHTS OR SWITCH POSITIONS

○ = "OFF" ● = "ON"



"CONTINUE" LIGHT PATTERNS

#	ASCII	EBCDIC
1	●	●
2	●	●
3	○	○
4	○	○

ASCII  
EBCDIC

PIT/SID 410403

SWITCH NUMBER	SWITCH PACK LOCATION								
	C11	A17	A15	A13	B13	B15	B17	C17	C15
1	○			○					○
2	○			○					○
3	●			○					○
4	●			○					○
5	×			○					○
6	×			○					○
7	×			○				●	○
8	×			○					○

PRINTER OPTIONS

PRINTER I/O SOCKET	S3
Friction Feed	
Tractor Feed 80 Col	
Tractor Feed 132 Col	
17. Specify Right Margin	
Specify Left Margin	
18.a. No Paper Feed Out	
18.b. Paper FO on "RM" Loss	
18.c. Paper FO on "RM" Loss and ETX	
19.d. 96 Character Set	
19.e. 64 Character Set	
19.f. Ext. ASCII Set	
20.a. Single LF	
20.b. Double LF	
21.a. Lower and Upper Case Print	
21.b. Lower Case Prints as Upper Case	
22.a. Lower Case Prints as Error	
22.b. Lower Case Prints as Upper Case	
39.a. Forms on	
39.b. Forms off	
48.a. Paper Out Not Gated W/FF	
48.b. Paper Out Gated W/FF	

CIU — 41040N\*\*

	SPA5	SPB13	SPB15	SPD20
1	○	●	○	○
2	○	○	○	○
3	○	○	○	○
4	○	○	○	○
5	○	○	○	○
6	○	○	○	○
7	○	○	○	○
8	○	○	○	○

GRAPHIC DESIGNATIONS

OPTION 401 STATION POLL ADDRESS  
STATION SELECT ADDRESS

OPTION 405 1st DEVICE ADDRESS  
2nd DEVICE ADDRESS (L, R)  
3rd DEVICE ADDRESS

OPTIONS — 410403

402	SPC17 - 1
a	<input type="checkbox"/> CONTINUOUS ALARM
b	<input type="checkbox"/> 1 SECOND ALARM
403	SPC17 - 2 - 3
a	<input type="checkbox"/> INTENSIFIED ONLY
b	<input type="checkbox"/> BLINK ONLY
c	<input type="checkbox"/> INTENSIFIED & BLINK
406	SPC17 - 4
a	<input type="checkbox"/> ALPHA IN NUMERIC FIELD
b	<input type="checkbox"/> ALPHA NOT IN NUMERIC FIELD
404	SPC17 - 5
a	<input type="checkbox"/> TERMINATE W/ETX
b	<input type="checkbox"/> TERMINATE W/SUB ENQ.
408	SPC17 - 6
a	<input type="checkbox"/> ASCII
b	<input type="checkbox"/> EBCDIC
407 (Num Lock S.F.)	SPC17 - 8
a	<input type="checkbox"/> ENABLED
b	<input type="checkbox"/> DISABLED

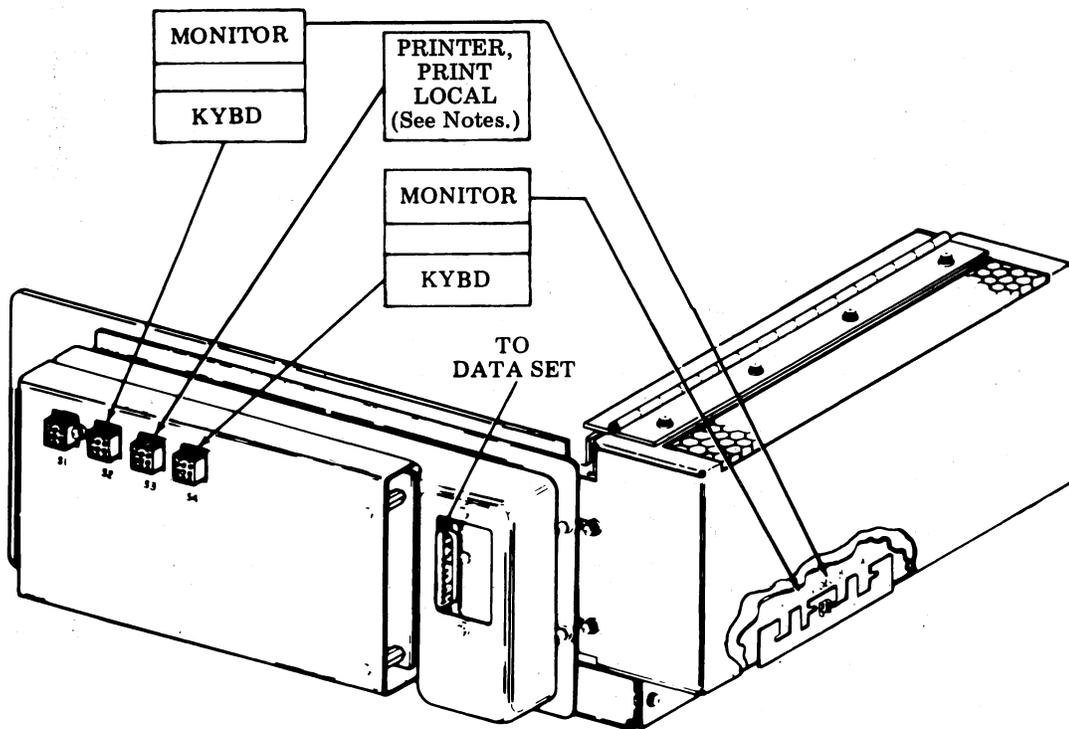
\*\*ASCII — 410408  
EBCDIC — 410409

\*\*\*Any D I/O circuit card.

See adjacent page for connections.

MCC — Controller Arrangement Form  
 HANDLES: 2-KDs & 1-PTR (Print Local)

CARD POSITION	I/O SOCKET	DEVICE
3	DS	DATA SET
4 & 7	S2-B	KEYBOARD/MON. (1)
7	S3	PRINTER (2)
5 & 7	S4-C	KEYBOARD/MON. (3)



*Note 1:* If the customer requires that print local operation be prohibited from the KD(s), place 340701 blocking keytop over the PRINT LOCAL position of the KD opcon(s).

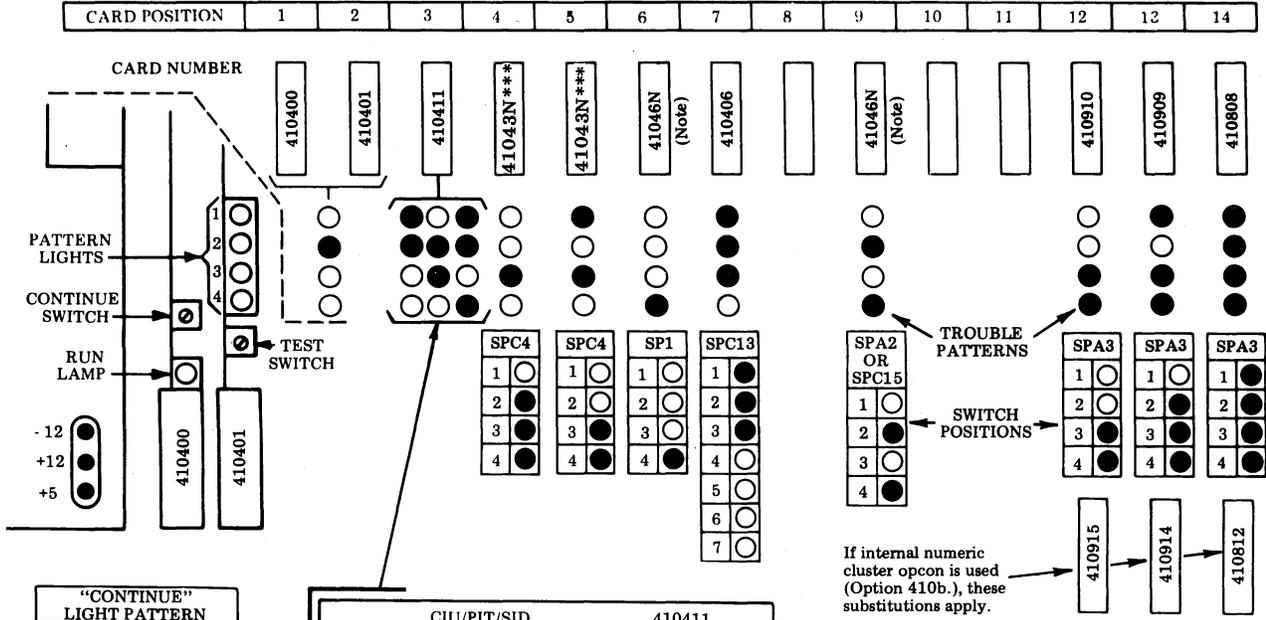
*Note 2:* If printer is not included as part of configuration, option B15 switches off on 410403 circuit card and option B17 switches for 2nd KD.

SECTION 582-200-300

MCC — Controller Arrangement Form  
 LINE CODE: ASCII  EBCDIC   
 USOC: 4TX + 2-(4TOX+ OR 4TPX+)  
 HANDLES: 2-KDs & 1-PTR (Print Local)

PATTERN LIGHTS OR SWITCH POSITIONS

○ = "OFF" ● = "ON"

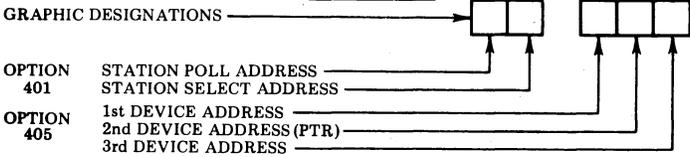


"CONTINUE" LIGHT PATTERN  
 There are no continue patterns

Note: Position 6 and 9 may contain two 410465s or two 410461s or one 410465 and one 410461. SPC15 applies to 410461 only.

CIU/PIT/SID		410411								
SWITCH NUMBER	SWITCH PACK LOCATION									
	A21	B12	B1	B2	B3	B4	B5	B6	B7	B8
1	○	●			○					○
2	○	●			○					○
3	○	●			○					○
4	○	○			○					○
5	○	○			○					○
6	○	●			○					○
7	○	●			○				●	○
8	○	●			○					○
9	○	○			○					○

PRINTER OPTIONS	
PRINTER I/O SOCKET	S3
Friction Feed	
Tractor Feed 80 Col	
Tractor Feed 132 Col	
17. Specify Right Margin	
Specify Left Margin	
18.a. No Paper Feed Out	
18.b. Paper FO on "RM" Loss	
18.c. Paper FO on "RM" Loss and ETX	
19.d. 96 Character Set	
19.e. 64 Character Set	
19.f. Ext. ASCII Set	
20.a. Single LF	
20.b. Double LF	
21.a. Lower and Upper Case Print	
21.b. Lower Case Prints as Upper Case	
22.a. Lower Case Prints as Error	
22.b. Lower Case Prints as Upper Case	
39.a. Forms on	
39.b. Forms off	
48.a. Paper Out Not Gated W/FF	
48.b. Paper Out Gated W/FF	



\*\*\*Any D I/O circuit card.

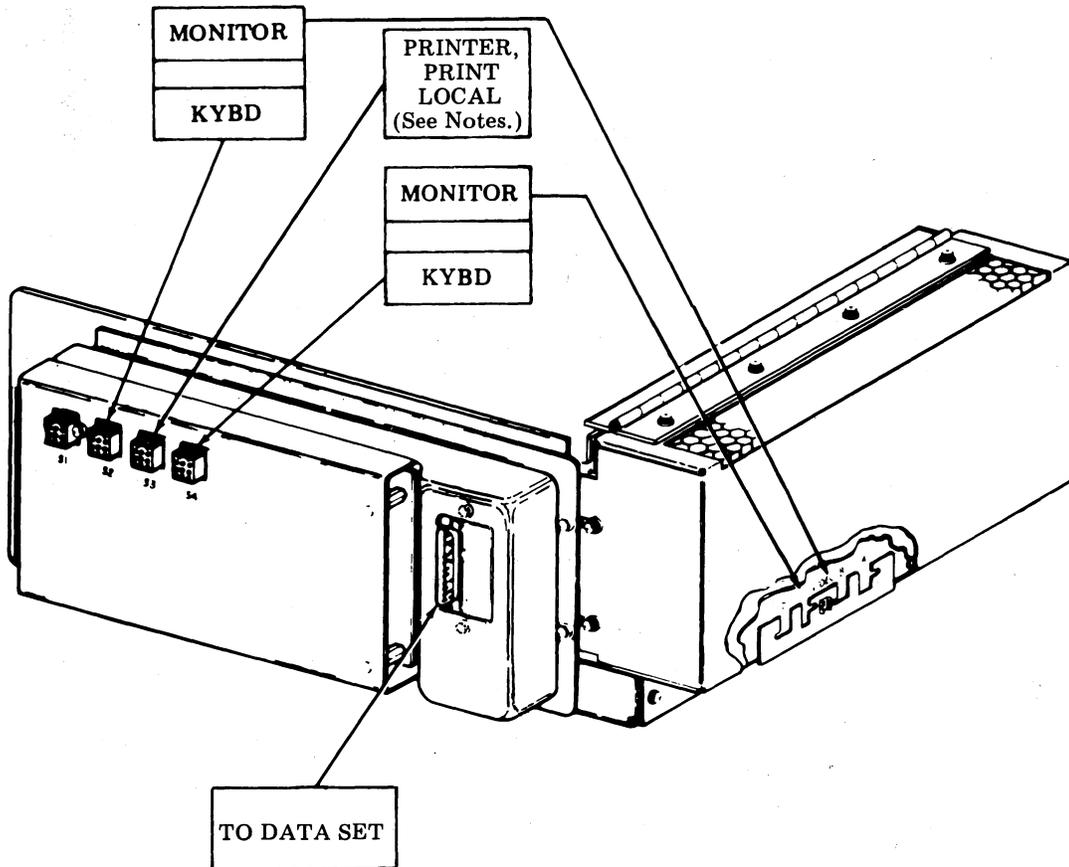
Caution: PROMs 450013, 450014, 450015 and 450016 on 410808 (if used) must be Issue 3 or later.

See adjacent page for connections.

OPTIONS — 410411			
402	SPB7-1	404	SPB7-5
a	<input type="checkbox"/> CONTINUOUS ALARM	a	<input type="checkbox"/> TERMINATE W/ETX
b	<input type="checkbox"/> 1 SECOND ALARM	b	<input type="checkbox"/> TERMINATE W/SUB ENQ
403	SPB7-2-3	408	SPB7-6
a	<input type="checkbox"/> INTENSIFIED ONLY	a	<input type="checkbox"/> ASCII
b	<input type="checkbox"/> BLINK ONLY	b	<input type="checkbox"/> EBCDIC
c	<input type="checkbox"/> INTENSIFIED & BLINK	407 (Num Lock S.F.)	SPB7-8
406	SPB7-4	a	<input type="checkbox"/> ENABLED
a	<input type="checkbox"/> ALPHA IN NUMERIC FIELD	b	<input type="checkbox"/> DISABLED
b	<input type="checkbox"/> ALPHA NOT IN NUMERIC FIELD		

MCC — Controller Arrangement Form  
 HANDLES: 2-KDs & 1-PTR (Print Local)

CARD POSITION	I/O SOCKET	DEVICE
3	DS	DATA SET
4 & 7	S2-B	KEYBOARD/MON. (1)
7	S3	PRINTER (2)
5 & 7	S4-C	KEYBOARD/MON. (3)



*Note 1:* If the customer requires that print local operation be prohibited from the KD(s), place 340701 blocking keytop over the PRINT LOCAL position of the KD opcon(s).

*Note 2:* If printer is not included as part of configuration, option B5 switches off on 410411 circuit card and option B6 switches for 2nd KD.

SECTION 582-200-300

MCC — Controller Arrangement Form

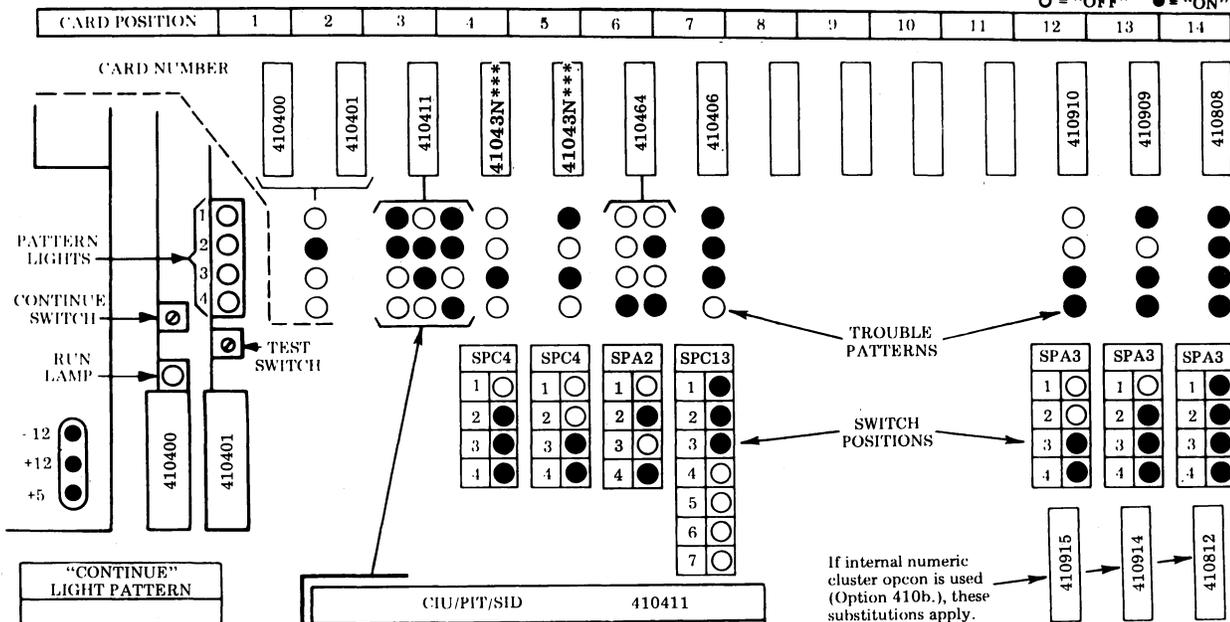
LINE CODE: ASCII  EBCDIC

USOC: 4TX + 2-(4TOX+ OR 4TPX+)

HANDLES: 2-KDs & 1-PTR (Print Local)

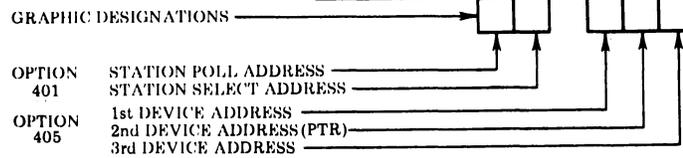
PATTERN LIGHTS OR SWITCH POSITIONS

○ = "OFF" ● = "ON"



CIU/PIT/SID		410411								
SWITCH NUMBER	SWITCH PACK LOCATION									
	A21	B12	B1	B2	B3	B4	B5	B6	B7	B8
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>			<input type="checkbox"/>					<input type="checkbox"/>
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>			<input type="checkbox"/>					<input type="checkbox"/>
3	<input type="checkbox"/>	<input checked="" type="checkbox"/>			<input type="checkbox"/>					<input type="checkbox"/>
4	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>					<input type="checkbox"/>
5	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>					<input type="checkbox"/>
6	<input type="checkbox"/>	<input checked="" type="checkbox"/>			<input type="checkbox"/>					<input type="checkbox"/>
7	<input type="checkbox"/>	<input checked="" type="checkbox"/>			<input type="checkbox"/>				<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	<input type="checkbox"/>	<input checked="" type="checkbox"/>			<input type="checkbox"/>					<input type="checkbox"/>
9	<input type="checkbox"/>									<input type="checkbox"/>

PRINTER OPTIONS	
PRINTER I/O SOCKET	S3
Friction Feed	
Tractor Feed 80 Col	
Tractor Feed 132 Col	
17. Specify Right Margin	
Specify Left Margin	
18.a. No Paper Feed Out	
18.b. Paper FO on "RM" Loss	
18.c. Paper FO on "RM" Loss and ETX	
19.d. 96 Character Set	
19.e. 64 Character Set	
19.f. Ext. ASCII Set	
20.a. Single LF	
20.b. Double LF	
21.a. Lower and Upper Case Print	
21.b. Lower Case Prints as Upper Case	
22.a. Lower Case Prints as Error	
22.b. Lower Case Prints as Upper Case	
39.a. Forms on	
39.b. Forms off	
48.a. Paper Out Not Gated W/FF	
48.b. Paper Out Gated W/FF	



\*\*\*Any D I/O circuit card.

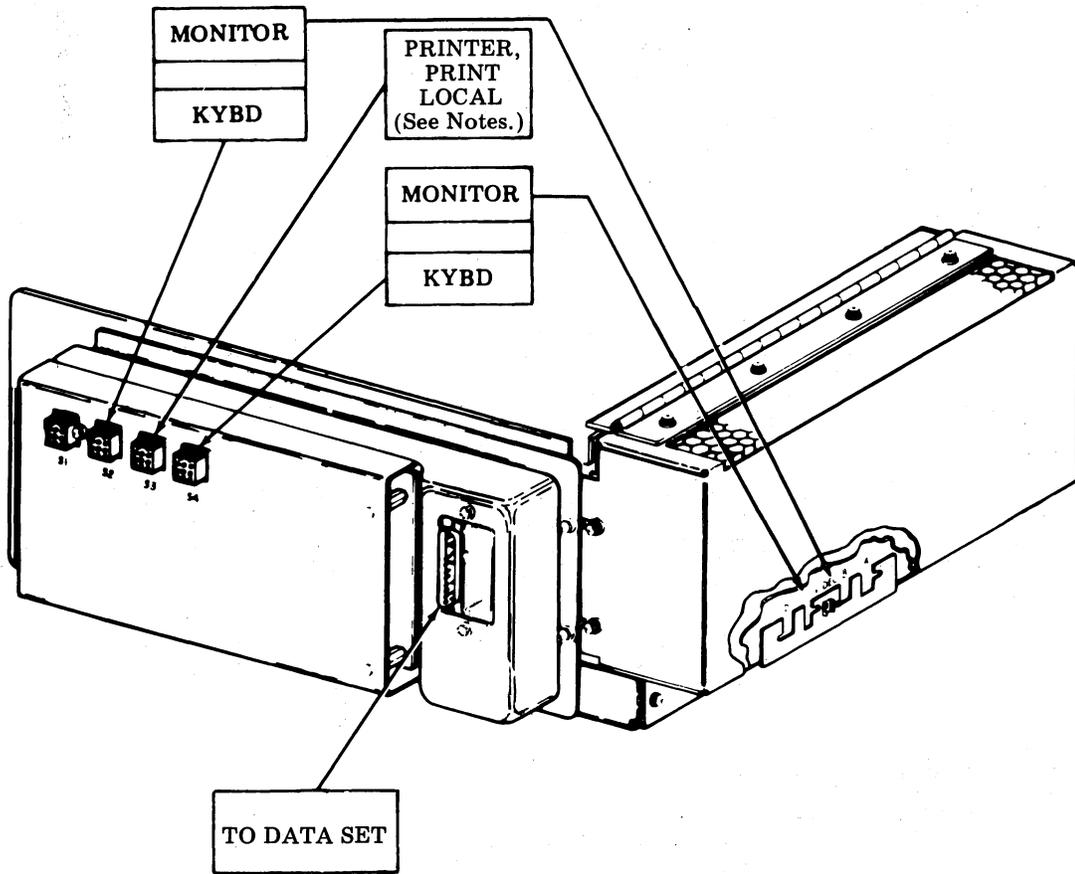
Caution: PROMs 450013, 450014, 450015 and 450016 on 410808 (if used) must be Issue 3 or later.

OPTIONS - 410411			
402	SPB7-1	404	SPB7-5
a <input type="checkbox"/> CONTINUOUS ALARM	<input checked="" type="checkbox"/>	a <input type="checkbox"/> TERMINATE W/ETX	<input type="checkbox"/>
b <input type="checkbox"/> 1 SECOND ALARM	<input type="checkbox"/>	b <input type="checkbox"/> TERMINATE W/SUB ENQ.	<input checked="" type="checkbox"/>
403	SPB7-2-3	408	SPB7-6
a <input type="checkbox"/> INTENSIFIED ONLY	<input type="checkbox"/>	a <input type="checkbox"/> ASCII	<input checked="" type="checkbox"/>
b <input type="checkbox"/> BLINK ONLY	<input checked="" type="checkbox"/>	b <input type="checkbox"/> EBCDIC	<input type="checkbox"/>
c <input type="checkbox"/> INTENSIFIED & BLINK	<input type="checkbox"/>	407 (Num Lock S.F.)	SPB7-8
406	SPB7-4	a <input type="checkbox"/> ENABLED	<input checked="" type="checkbox"/>
a <input type="checkbox"/> ALPHA IN NUMERIC FIELD	<input checked="" type="checkbox"/>	b <input type="checkbox"/> DISABLED	<input type="checkbox"/>
b <input type="checkbox"/> ALPHA NOT IN NUMERIC FIELD	<input type="checkbox"/>		

See adjacent page for connections.

MCC — Controller Arrangement Form  
 HANDLES: 2-KDs & 1-PTR (Print Local)

CARD POSITION	I/O SOCKET	DEVICE
3	DS	DATA SET
4 & 7	S2-B	KEYBOARD/MON. (1)
7	S3	PRINTER (2)
5 & 7	S4-C	KEYBOARD/MON. (3)



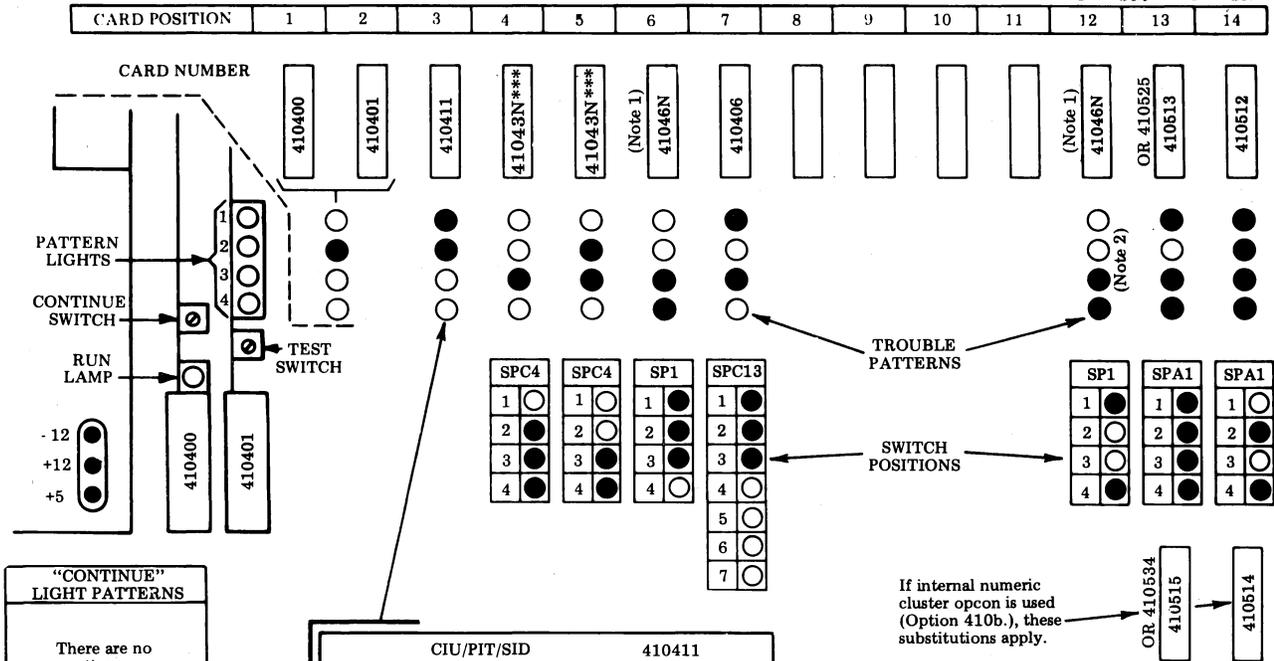
*Note 1:* If the customer requires that print local operation be prohibited from the KD(s), place 340701 blocking keytop over the PRINT LOCAL position of the KD opcon(s).

*Note 2:* If printer is not included as part of configuration, option B5 switches off on 410411 circuit card and option B6 switches for 2nd KD.

MCC — Controller Arrangement Form  
 LINE CODE: ASCII  EBCDIC   
 USOC: 4TX + 2-(4TOX+ OR 4TPX+)  
 HANDLES: 2-KDs & 1-PTR (Print Local)

PATTERN LIGHTS OR SWITCH POSITIONS

○ = "OFF" ● = "ON"

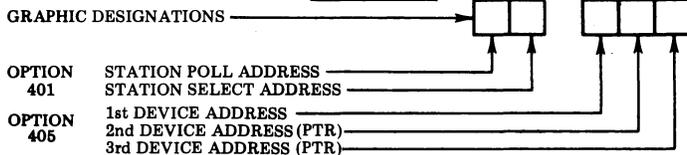


**Note 1:** Positions 6 and 12 may contain two 410465s or two 410461s or one 410465 and one 410461.

**Note 2:** Same trouble pattern for both 41046Ns. If pattern occurs, replace 41046Ns one at a time until pattern no longer appears.

CIU/PIT/SID		410411								
SWITCH NUMBER	SWITCH PACK LOCATION									
	A21	B12	B1	B2	B3	B4	B5	B6	B7	B8
1	○	●			○					○
2	○	●			○					○
3	○	●			○					○
4	○	○			○					○
5	○	○			○					○
6	○	●			○					○
7	○	●			○					○
8	○	●			○					○
9	○	○			○					○

PRINTER OPTIONS	
PRINTER I/O SOCKET	S3
Friction Feed	
Tractor Feed 80 Col	
Tractor Feed 132 Col	
17. Specify Right Margin	
Specify Left Margin	
18.a. No Paper Feed Out	
18.b. Paper FO on "RM" Loss	
18.c. Paper FO on "RM" Loss and ETX	
19.d. 96 Character Set	
19.e. 64 Character Set	
19.f. Ext. ASCII Set	
20.a. Single LF	
20.b. Double LF	
21.a. Lower and Upper Case Print	
21.b. Lower Case Prints as Upper Case	
22.a. Lower Case Prints as Error	
22.b. Lower Case Prints as Upper Case	
39.a. Forms on	
39.b. Forms off	
48.a. Paper Out Not Gated W/FF	
48.b. Paper Out Gated W/FF	



\*\*\*Any D I/O circuit card.

See adjacent page for connections.

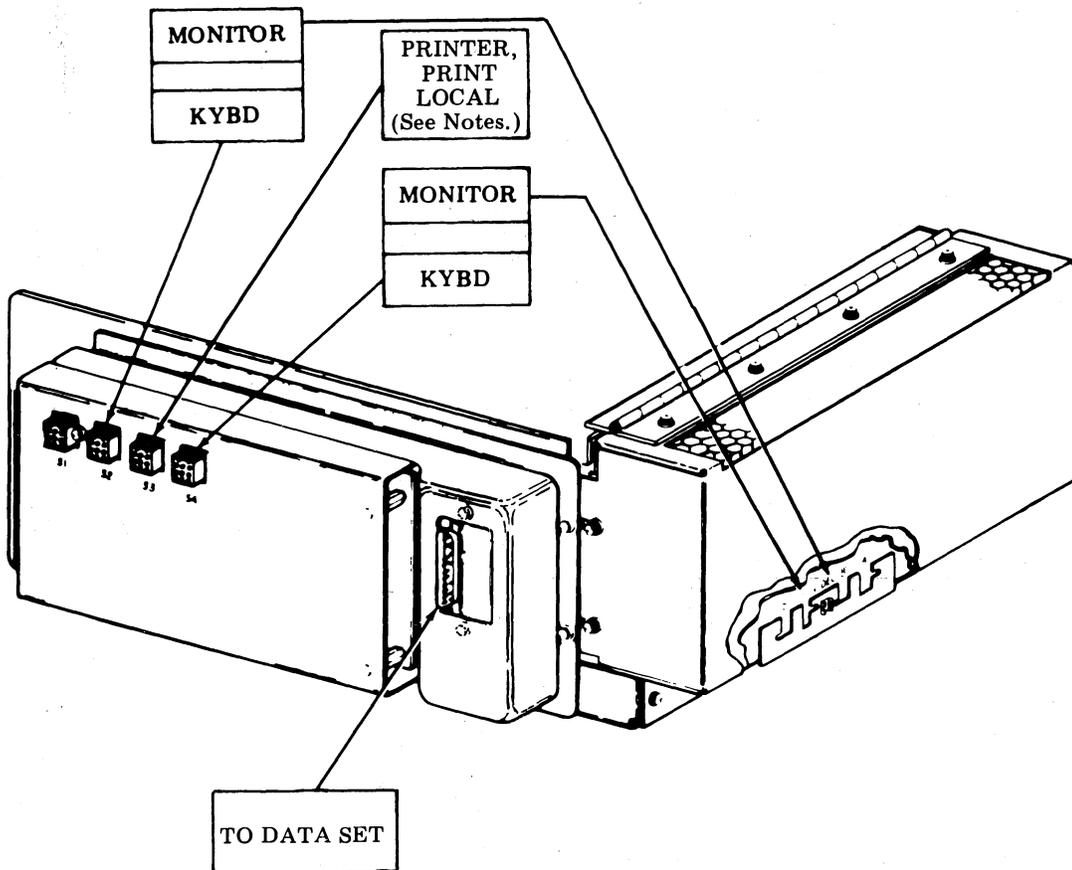
OPTIONS - 410411			
402	SPB7-1	404	SPB7-5
a <input type="checkbox"/> CONTINUOUS ALARM	●	a <input type="checkbox"/> TERMINATE W/ETX	○
b <input type="checkbox"/> 1 SECOND ALARM	○	b <input type="checkbox"/> TERMINATE W/SUB ENQ.	○
403	SPB7-2 - 3	408	SPB7-6
a <input type="checkbox"/> INTENSIFIED ONLY	○	a <input type="checkbox"/> ASCII	○
b <input type="checkbox"/> BLINK ONLY	○	b <input type="checkbox"/> EBCDIC	○
c <input type="checkbox"/> INTENSIFIED & BLINK	○	407 (Num Lock S.F.)	SPB7-8
406	SPB7-4	a <input type="checkbox"/> ENABLED	○
a <input type="checkbox"/> ALPHA IN NUMERIC FIELD	○	b <input type="checkbox"/> DISABLED	○
b <input type="checkbox"/> ALPHA NOT IN NUMERIC FIELD	○	414 BUFFER LOCK	SPB7-7
		a <input type="checkbox"/> ENABLED	○
		b <input type="checkbox"/> DISABLED (REQUIRES 410525)	○

Applies for 410525 or 410534.

Applies for 410513 or 410515.

MCC — Controller Arrangement Form  
 HANDLES: 2-KDs & 1-PTR (Print Local)

CARD POSITION	I/O SOCKET	DEVICE
3	DS	DATA SET
4 & 7	S2-B	KEYBOARD/MON. (1)
7	S3	PRINTER (2)
5 & 7	S4-C	KEYBOARD/MON. (3)



*Note 1:* If the customer requires that print local operation be prohibited from the KD(s), place 340701 blocking keytop over the PRINT LOCAL position of the KD opcon(s).

*Note 2:* If printer is not included as part of configuration, option B5 switches off on 410411 circuit card and option B6 switches for 2nd KD.

SECTION 582-200-300

4. REFERENCES

4.01 The following list of literature pertains to the DATASPEED 40/4 Maxi- and Mini-Cluster Stations. Refer to the literature to determine applicability, 50,000 Specifications are limited in application to specific hardware.

Section or 50,000S	Titles
582-200-101	Description and Operation
582-200-201	Installation
582-200-212	Keyboard — Display Amplifier
582-200-401	Wiring Diagrams
582-200-701	Disassembly/Reassembly and Parts
582-200-751	Routine Maintenance
582-200-210	Keyboard Disable Lock (Attached KD)
50844S — Instructions for Installing the 407400 Modification Kit to Provide a Keyboard Disable Lock on Synchronous Model 40/4 Monitor/Opcon Support Cabinet	
50853S — Keyboard Display Amplifier, 405982 Installation Modification Kit (in Line Mounting) and 405983 Installation Modification Kit (Cabinet Mounting)	
50859S — Synchronous Model 40/4 Mini-Cluster and Maxi-Cluster Station Cabling	
50861S — Instructions for Installation of Circuit Cards and Keytops to Provide for Alteration of Layout of 40K104/DAB or 40K203/GAB Typewriter Styles Operator Consoles	
50879S — Instructions for Installation of 408798 or 408800 Modification Kit to Allow PAD Characters to be Received in Text Without Losing Synchronous	
50883S — Instructions for Installation of 408796 Modification Kit to Provide 9600 Baud Operation in a "DATASPEED*" 40/4 Station Cluster Controller (SCC) Manufactured Discontinued See 50970S	
50884S — 405485 and 405486 Modification Kit Used in Model 40/4 Maxi-Cluster ASCII Stations for Alternate Graphic Set Printing on 132-Column Printers	

50895S — Instruction for Installation of 408804 Modification Kit to Eliminate the One-Second Print-Out Delay When Receiving Successive Messages in a Model 40/4 Controller (40C403)

50908S — Field Support Information for the Simplified Synchronous Model 40/4 Terminal

50917S — Instructions for Installation of 408815 Modification Kit That Converts a 40C401 — Type Controller Into a Test Signal Generator 40/4 Line Simulator (TSG 40/4LS)

50918S — Instructions for Installation of 408816, 408818, 408820, 408822, 408860 or 408862 Modification Kit to Allow Automatic Field Mark Character Insertion in a Model 40/4 Mini- or Maxi-Cluster Station Arrangement

50919S — 346936 Modification Kit to Provide Mounting Feature for a 40K203 Wide Opcon Onto a 40CAB251 Cabinet

50920S — Instructions for Installation of 408788 Modification Kit to Increase the Program Wait Time Interval for Printer "Request Next Character" During Print Out Operation in a Model 40/4 Controller (40C403)

50921S — Instructions for Installation of 408789 Modification Kit to Prevent One Terminal, on a Mini-Cluster Controller Having Two KDs, From Sending Continuous Syn Characters On-Line

50931S — Instructions for Installation of 408829 Modification Kit for PROM Version (Mark II) Mini-Cluster Controller With Typewriter Style Opcons to Provide Automatic Restoration of a Keyboard to the Local Mode of Operation in Certain Instances

50932S — Instructions for Installation of 408832, 408834, 408836, 408838, 408854, or 408856 Modification Kit to Allow a Model 40/4 Station to Continuously Transmit ENQ (Enquiry) Every 2.5 Seconds Until the Host Responds to Text Sent by the Station

50934S — 48 Line Device Buffer Feature for Synchronous Model 40/4 Station Arrangements

50935S — External Numeric Cluster Opcon (Wide Opcon) Feature for use in Model 40/4 Stations

50938S — Instructions for Installation of 408852 Modification Kit to Improve Formatted Message Operation of the 40C403 Mini-Cluster Controller

50942S — Instructions for Installing the 346990 Modification Kit to Provide a Keyboard Disable Lock on a Synchronous Model 40/4 Detached 40K104 or 40K105 Keyboards

50945S — Instructions for Installation of 408864 or 408866 Modification Kit to Provide Insert Mode, Erase to End of Field and Delete Functions in a Model 40/4 Maxi-Cluster or Mini-Cluster Station Arrangements

50949S — Instructions for Installation of 408868 Modification Kit and 410439 Circuit Card to Provide Display and Printing of Fractions in Model 40/4 Mini and Maxi EPROM Version Station Arrangements

50950S — Instructions for Installation of 408870 and 408878 Modification Kits Providing up to two Seconds for Connected Device Cluster Controllers to Enter the Receive Mode

50965S — 403126 Modification Kit to Provide Device Cluster Controller (DCC) Locked Buffer Override

50970S — Instructions for Installation of 403132 Modification Kit to Provide 9600 Baud Operation in a Model 40/4 Mark II Station Cluster Controller (SCC)

50971S — 408874 Modification Kit to Provide Tab to Colon Feature for 40/4 Typewriter Style Mini-Cluster Controllers (MCC) EPROM Version

50972 — 408872 Modification Kit to Provide Line Insert/Delete Functions for DCC in the 48 Line Formatted Buffer Mode

50973S — Instructions for Installation of 403128 Modification Kit to Provide Program Changes to Model 40/4 EPROM Station Cluster Controller to Prevent Lockup Due to Receiving a Bad Block Check Sequence in Combination With an Invalid Buffer Address or Device Address or Missing ESC Character

50974S — Instructions for Installation of 403134 Modification Kit to Provide Program Changes to Model 40/4 EPROM Station Cluster Controller to Correct the Resetting of Printer-Done Status and Sense Message and to Improve 9600 BPS Operation on Systems Using NCP/VTAM

50977S — Instructions for Installing the 406560 Modification Kit to Provide an Improved Video Cabling Method for a Device Cluster Controller (DCC) or Mini-Cluster Controller (MCC)

50978S — Instructions for Installation of a 408876 Modification Kit to Provide Tab to Colon Feature for 40/4 Device Cluster Controller EPROM Version

50979S — Instructions for Installation of 403136 Modification Kit to Prevent a KD on a Mark II Mini-Cluster Controller From Sending Status and Sense to a Subsequent Poll Which Follows a Select, Transfer and Acknowledgement for the Same KD

50980S — 403138 Modification Kit for 40/4 MCC Equipped With 410525 Circuit Card to Prevent Reset of S & S When EOT is Response to S & S, Insures Reset of "B-Space" S & S Upon Select, Prevents Clearing of "B, &" S & S When Lid is Raised During Printing

50988S — Instructions for Installing a 403124 Modification Kit to Mini-Cluster Controller Typewriter Style (MCC) Equipped With 410525 Circuit Card to Prevent a Printer From Responding to a Select Sequence With a Wack After Having Sent "Device No Longer Busy"

51011S — 403130 Modification Kit to Prevent Certain Backend Lock-Ups in 40/4 Maxi-Cluster Arrangements

51044S — 403154 Modification Kit for 40/4 Mini-Cluster Controller (MCC) Equipped With 410525 Circuit Card to Allow Print Local After Host "RVI" is Sent to Block Ending With "ETB"