ENTRY POINTS

FROM MAP NUMBER	ENTER THIS MAP ENTRY POINT	PAGE NUMBER	STEP NUMBER
0020	A	2	001
0020	AC	51	158
0020	AD	60	185
0020	CC	27	083
0020	CD	30	090
0020	CE	9	024
0020	DE	11	029
0020	DO	46	140
0020	DP	173	500
0020	DS	15	044
0020	EL	158	470
0020	ER	15	043
0020	FE	179	517
0020	FP	64	202
0020	IE	19	053
0020	MD	57	173
0020	MO	119	357
0020	OT	20	056
0020	OX	121	365
0020	PR	73	229
0020	PT	29	088
0020	SS	47	145
0020	TC	41	119
0020	TM	24	072
0020	TT	2	002
0020	TU	65	203
0020	TV	116	349
0020	VC	62	192
0020	WD	26	079

EXIT POINTS

EXIT THIS MAP PAGE NUMBER	STEP NUMBER	TO MAP NUMBER	ENTRY POINT
4	011	0020	A
6	016	0020	A
143	431	0020	A
177	510	0020	A
178	514	0020	A
148	447	0070	A
149	448	0070	A
174	503	0070	A
175	504	0070	A
173	501	1470	A
161	482	3870	A
135	413	3881	A
183	530	3881	A

001
(ENTRY POINT A)

- SEE THE DEVICE MAPS PROLOG, SECTION 5.1 FOR CONFIGURATION INFORMATION FOR ANY DEVICE.

IF YOU KNOW THAT THE SYSTEM IS NOT FAILING AND YOU ARE HERE BECAUSE OF HARDWARE CONFIGURATION CHANGES, YOU CAN IGNORE ERROR HALTS AND CHANGE THE CONFIGURATION TABLE IMMEDIATELY.

THIS MAP IS FOR USE WITH THE CONFIGURATION PROGRAM AND THE PROGRAMMER CONSOLE.

BEFORE USING IT READ MAP 0010, SECTION 08.00.00 TO UNDERSTAND THE PURPOSE AND FLOW OF THE CONFIGURATION PROGRAM.

SEE MAP 0010, SECTION:
08.01.04 - ASSEMBLING A CONFIGURATION TABLE
06.02.00 - CONFIGURATION HALTS.

NOTE

SOME SINGLE ATTACHMENT CARDS ANSWER SEVERAL ADDRESSES, FOR EXAMPLE:
IDIDO
4982 SUBSYSTEM
MULTI-LINE CONTROL CARD.
IF ALL FAILING ADDRESSES ARE ON ONE CARD, COUNT THEM AS A SINGLE ERROR AT THE BASE ADDRESS.

DO YOU WANT TO IGNORE ERRORS AND CORRECT THE CONFIGURATION TABLE?
Y N
|
| 002
| (ENTRY POINT TT)
|
| - SEE THE DATA LAMPS.
|
|
|
|
| DO THE DATA LAMPS EQUAL 3822?
| Y N
1 | |
7
9 9 3
A B C

3822 IN THE DATA LAMPS IS:
CONFIGURATION ERROR(S)
01=TERMINATE
02=DISPLAY ERROR(S) IN DATA LAMPS
03=OPTION TABLE
04=BYPASS 2 CHANNEL SWITCH ERRORS

003
- SEE THE DATA LAMPS.

382E IN THE DATA LAMPS IS:
THE OPTION TABLE IS AVAILABLE TO YOU.

DO THE DATA LAMPS EQUAL 382E?
Y N

004
- SEE THE DATA LAMPS.

3838 IN THE DATA LAMPS IS:
RPQ ON SYSTEM.

DO THE DATA LAMPS EQUAL 3838?
Y N

005
- SEE THE DATA LAMPS.

382A IN THE DATA LAMPS IS:
DISCONNECT CUSTOMER INTERFACE.

DO THE DATA LAMPS EQUAL 382A?
Y N

006
- SEE THE DATA LAMPS.

3801 IN THE DATA LAMPS IS:
ALTERNATE CONSOLE ERROR.

DO THE DATA LAMPS EQUAL 3801?
Y N

007
- SEE THE DATA LAMPS.

3800 IN THE DATA LAMPS IS:
READY ENTER.
3805 IN THE DATA LAMPS IS:
PROGRAM TERMINATED.

DO THE DATA LAMPS EQUAL 3800 OR 3805?
Y N

008
- SEE THE DATA LAMPS.

3820 IN THE DATA LAMPS IS:
FIRST CONFIGURATION.

DO THE DATA LAMPS EQUAL 3820?
Y N

009
- SEE THE DATA LAMPS.

382X - 386X IN THE DATA LAMPS IS:
A CONFIGURATION ERROR.

DO THE DATA LAMPS EQUAL 382X THROUGH 386X?
Y N

010
- SEE THE DATA LAMPS.

DO THE DATA LAMPS EQUAL 380X OR 381X?
Y N

011
THE FAILURE OCCURRED BEFORE THE CONFIGURATION PROGRAM WAS LOADED.
- GO TO THE SYSTEM ENTRY MAP
GO TO MAP 0020,
ENTRY POINT A.

012
HALTS 3800-381F:
SEE MAP 0010, SECTION 06.01.00.
DCP HALTS.
- ANSWER THE HALT IF NECESSARY, THEN
GO TO PAGE 2, STEP 001,
ENTRY POINT A.

| | |
| | | PAGE 5 OF 183
| | |
| | |
| | 013
| | GO TO PAGE 11, STEP 029,
| | ENTRY POINT DE.
| |
| 014
| GO TO PAGE 62, STEP 192,
| ENTRY POINT VC.
|
015
THE CONFIGURATION PROGRAM HAS EXECUTED A READ ID COMMAND TO ALL ADDRESSES, COMPARED IT TO THE CONFIGURATION TABLE ON THE DISKETTE AND FOUND NO DIFFERENCES.

****
THE CONFIGURATION PROGRAM DOES NOT CHECK DEVICE DATA IN ANY ENTRY. IT DOES NOT CHECK ANY PART OF AN ENTRY FOR TYPE CODE(S):
3D FLOATING POINT.
A3 OTHER EQUIPMENT MANUFACTURE DIRECT PROGRAM CONTROL ATTACHMENT.
A4 4982 SUBSYSTEM ENTRY.
****

- SEE IF YOU WANT TO CHANGE, VERIFY OR DISPLAY THE CONFIGURATION TABLE.

DO YOU WANT TO DO ANY OF THE ABOVE TO THE CONFIGURATION TABLE?
Y N
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |

PAPER ONLY

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016
YOU DO NOT WANT TO DISPLAY, CHANGE OR VERIFY THE CONFIGURATION TABLE.
THE CONFIGURATION PROGRAM IS NOT LOADED.
ANY PROGRAM CAN BE LOADED AT THIS TIME.

- ENTER ON THE CONSOLE:

```
(B)      B   (I)
(B)  XXXX    (I)  (I)
     XXXX = PROGRAM TO
            BE LOADED
```

GO TO MAP 0020, ENTRY POINT A.

017
THE CONFIGURATION PROGRAM IS NOT LOADED.
TO LOAD THE CONFIGURATION PROGRAM:

- ENTER ON THE CONSOLE:

```
(B)      B   (I)
(B)  38F0    (I)  (I)
     38F0 = CONFIGURATION
            PROGRAM
```

GO TO PAGE 2, STEP 002, ENTRY POINT TT.

018
THE DATA LAMPS EQUAL 3801.

AN ALTERNATE CONSOLE IS ASSIGNED IN THE CONFIGURATION TABLE ON THE DISKETTE. A BAD CONDITION CODE WAS RECEIVED FROM THE ALTERNATE CONSOLE.

- ENTER ON THE CONSOLE:

(B) 5 (I) (I)
5 = ASSIGN PROGRAMMER CONSOLE.

THE PROGRAMMER OR MAINTENENCE CONSOLE IS THE INPUT DEVICE. USE IT TO LOAD THE DEVICE MAP FOR THE SUSPECT ALTERNATE CONSOLE.

- SEE THE MAP PROLOG SECTIONS FOR THE SUSPECT ATTACHMENT OR DEVICE:
- SEE 0.0 - MAP SEQUENCE.
- SEE 1.4 - PROGRAM COMMENTS.
- SEE 4.0 - PROGRAMMER COMMENTS.
- SEE 5.1 - CONFIGURATION INFORMATION.
- SEE MAP 3880, SECTION 08.00.00, FOR CONFIGURATION INFORMATION.

TTY -- PROLOG 4000
3101 -- PROLOG ATTACHMENT
4979 -- PROLOG 4400
4973 -- PROLOG 6800
4974 -- PROLOG 6400
4978 -- PROLOG 4500
4979 -- PROLOG 4400
4980 -- PROLOG F900
5200 -- PROLOG 6A00
52X1 -- PROLOG E400

(STEP 018 CONTINUES)

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(STEP 018 CONTINUED)
GO TO PAGE 173, STEP 500,
ENTRY POINT DP.

019
THE DATA LAMPS EQUAL 382A.

- DISCONNECT THE CUSTOMER INTERFACE

- ENTER ON THE CONSOLE:

(B) 6 (I) (I)
6 = RESUME

GO TO PAGE 2, STEP 002,
ENTRY POINT TT.

020
THE DATA LAMPS EQUAL 3838.

RPQ ON SYSTEM

THIS IS A NOTE TO THE SERVICE PERSON THAT AN RPQ IS INSTALLED. AFTER AN AUTO RUN, THE RPQ DIAGNOSTICS MUST BE RUN IN MANUAL MODE. SEE THE RPQ PROLOG, SECTION 0.0 FOR MORE INFORMATION ON THE RPQ.

- ENTER ON THE CONSOLE:

(B) 6 (I) (I)
6 = RESUME

GO TO PAGE 2, STEP 002,
ENTRY POINT TT.

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021
THE DATA LAMPS EQUAL 382E.

THE OPTION TABLE IS AVAILABLE TO YOU. THE CONFIGURATION TABLE 'IS IN STORAGE, STARTING AT LOCATION X3000.

DO YOU WANT TO DISPLAY THE CONFIGURATION TABLE IN STORAGE?
Y N

022
YOU DO NOT WANT TO DISPLAY THE CONFIGURATION TABLE. YOU WANT TO MAKE A CHANGE TO THE CONFIGURATION TABLE.
GO TO PAGE 20, STEP 056, ENTRY POINT OT.

023
GO TO PAGE 15, STEP 044, ENTRY POINT DS.

024
(ENTRY POINT CE)

CONFIGURATION ERROR(S)
01=TERMINATE
02=DISPLAY ERROR(S) IN DATA LAMPS
03=OPTION TABLE
04=BYPASS 2 CHANNEL SWITCH ERRORS

IF YOU WANT TO BYPASS ERRORS AND CHANGE THE CONFIGURATION TABLE, ANSWER THE FOLLOWING QUESTION 'YES'.

DO YOU WANT TO BYPASS ERRORS AND CHANGE THE CONFIGURATION TABLE?
Y N

025
- SEE IF A TWO CHANNEL SWITCH CARD IS CABLED TO THE PROCESSING UNIT.

IS A TWO CHANNEL SWITCH CARD CABLED TO THE PROCESSING UNIT?
Y N

026
- SEE IF YOU WANT TO TERMINATE THE CONFIGURATION PROGRAM.

DO YOU WANT TO TERMINATE THE CONFIGURATION PROGRAM?
Y N

027
THERE ARE CONFIGURATION ERROR(S) ON THE SYSTEM.

- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 0200 (I) (I)
  02 = DISPLAY ERRORS

IS THE CONSOLE ENTRY MADE?
Y N

028
- MAKE THE CONSOLE ENTRY.
GO TO PAGE 11,
STEP 029,
ENTRY POINT DE.

029
(ENTRY POINT DE)

THERE IS A CONFIGURATION ERROR MESSAGE IN DATA LAMPS.

- RECORD THE DATA LAMPS.

- ENTER ON THE CONSOLE:

- PRESS THE STOP KEY.
- ENSURE LEVEL THREE (3).
- RECORD THE REGISTERS AS FOLLOWS:
- PRESS THE REGISTER 2 KEY.
- PRESS THE REGISTER 3 KEY.
- PRESS THE REGISTER 4 KEY.
- PRESS THE START KEY.
- PRESS THE DATA BUFFER KEY.
- PRESS THE SIX (6) KEY.
- PRESS CONSOLE INTERRUPT KEY.
- PRESS CONSOLE INTERRUPT KEY.
- WAIT ONE MINUTE.

DO THE DATA LAMPS EQUAL 382E?
Y N

030
- SEE IF YOU RECORDED MORE THAN TEN (10) ERRORS.

HAVE YOU RECORDED MORE THAN TEN ERRORS?
Y N

031
GO TO STEP 029,
ENTRY POINT DE.

032
- SEE THE NOTE TO THE RIGHT

WHEN MORE THAN TEN ERRORS ARE RECORDED, THIS MAP CAN ISOLATE THE PROBLEM. IF YOU WANT TO RECORD MORE ERRORS, ANSWER THE FOLLOWING QUESTION YES.

CONFIGURATION PROGRAM ERRORS
*3840 IN HARDWARE, NOT IN TABLE
*3841 IN TABLE, NOT IN HARDWARE
*3842 ID MISMATCH
*3843 TYPE AND ID ARE INCORRECT
3844 ERROR IN READ ID REG 3 = DEVICE ADDRESS/ CC REG 4 = DEVICE ID.
*3849 BAD/NO READ ID FROM CONS.
384B CONFIGURATION CHAIN IS LONG. BYTE 02 BIT 01 IN ENTRY IS NOT CORRECT.
384D PROGRAM 38F1 TABLE IS NOT ON DISKETTE
384F DUPLICATE ADDRESS REG 2 = DEVICE ADDRESS REG 3 = TABLE ENTRY NUMBER REG 4 = TABLE ENTRY NUMBER
* REG 3 AND 4 CONTENTS REG 3 = AAEE = TABLE ENTRY AA = DEVICE ADDRESS REG 4 = IDID = DEVICE ID.

DO YOU WANT TO RECORD MORE ERRORS?
Y N
| |
| |
| |
| |
| |
| |

033
- ENTER ON THE CONSOLE:

- PRESS THE RESET KEY.
- PRESS THE START KEY.
- WAIT ONE MINUTE.
- SEE THE DATA LAMPS:

3838 IN THE DATA LAMPS IS:
THERE IS AN RPQ INSTALLED.

DO THE DATA LAMPS EQUAL 3838?
Y N

034
(ENTRY POINT PQ)

- SEE THE DATA LAMPS:

382A IN THE DATA LAMPS IS:
DISCONNECT THE CUSTOMER INTERFACE.

DO THE DATA LAMPS EQUAL 382A?
Y N

035
- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 0300 (I) (I)
  03 = OPTION TABLE

GO TO PAGE 15, STEP 043,
ENTRY POINT ER.

036
- ENTER ON THE CONSOLE:

  (B) 6 (I) (I)
  6 = RESUME

- SEE THE DATA LAMPS:

3822 IN THE DATA LAMPS IS:
CONFIGURATION ERROR(S)
01=TERMINATE.
02=DISPLAY ERROR(S) IN DATA LAMPS.
03=OPTION TABLE.
04=BYPASS 2 CHANNEL SWITCH ERRORS.

DO THE DATA LAMPS EQUAL 3822?
Y N

037
- SEE THE DATA LAMPS:

382E IN THE DATA LAMPS IS:
THE OPTION TABLE IS AVAILABLE TO YOU.

DO THE DATA LAMPS EQUAL 382E?
Y N

038
GO TO PAGE 158,
STEP 470,
ENTRY POINT EL.

039
GO TO PAGE 15,
STEP 043,
ENTRY POINT ER.

040
- ENTER ON THE CONSOLE:

```
(B)    1F        (I)
(B)  0300   (I)  (I)
       03   = OPTION TABLE
```

GO TO PAGE 15, STEP 043,
ENTRY POINT ER.

041
- ENTER ON THE CONSOLE:

```
(B)     6   (I)  (I)
        6 = RESUME
```

GO TO PAGE 13, STEP 034,
ENTRY POINT PQ.

042
GO TO PAGE 11, STEP 029,
ENTRY POINT DE.

043
(ENTRY POINT ER)

THE ERRORS ARE RECORDED FROM THE DATA LAMPS AND REGISTERS TWO (2), THREE (3) AND FOUR (4). THEY MUST BE COMPARED TO THE CONFIGURATION TABLE IN STORAGE.

HAVE YOU DISPLAYED THE CONFIGURATION TABLE IN STORAGE?
Y N
|
| 044
| (ENTRY POINT DS)
|
| YOU WANT TO DISPLAY THE
| CONFIGURATION TABLE IN STORAGE.
| THE TABLE IS IN STORAGE
| STARTING AT LOCATION X3000.
| CONFIGURATION ERRORS, IF ANY,
| MUST BE COMPARED TO THE
| CONFIGURATION TABLE IN STORAGE.
|
| DO YOU WANT TO DISPLAY
| CONFIGURATION TABLE ENTRY 00?
| Y N

045
- SEE THE NOTE TO THE RIGHT

USE ENTRY NUMBER FROM TABLE TO SEE LOCATION TO DISPLAY.

ENTER ON THE CONSOLE:

- PRESS THE STOP KEY.
- PRESS THE SAR KEY.
- PRESS THE THREE (3) KEY.
- PRESS THE X KEY.
- PRESS THE X KEY.
- PRESS THE 0 KEY.
  3XX0 = THE ENTRY NUMBER

- PRESS THE STORE KEY.
- PRESS MAIN STORAGE KEY.
- RECORD THE FOLLOWING:

BYTES 00/01 ARE IN DATA LAMPS.
- PRESS MAIN STORAGE KEY.
BYTES 02/03 ARE IN DATA LAMPS.
- PRESS MAIN STORAGE KEY.
BYTES 04/05 ARE IN DATA LAMPS.
- PRESS MAIN STORAGE KEY.
BYTES 06/07 ARE IN DATA LAMPS.

TO DISPLAY THE CONFIGURATION ENTRY IN STORAGE:

TO DISPLAY ENTRY NUMBER XX	DISPLAY STORAGE LOCATIONS: FROM	TO
00	3000	300F
01	3010	301F
02	3020	302F
03	3030	303F
04	3040	304F
05	3050	305F
06	3060	306F
07	3070	307F
08	3080	308F
09	3090	309F
0A	30A0	30AF
0B	30B0	30BF
0C	30C0	30CF
0D	30D0	30DF
0E	30E0	30EF
0F	30F0	30FF
10	3100	310F
15	3150	315F
1A	31A0	31AF
20	3200	320F
XX	3XX0	3XXF

IS ALL THE INFORMATION NEEDED FROM STORAGE DISPLAYED?
Y N

| |
| |
| 046
| - DISPLAY THE CORRECT STORAGE
| LOCATION FOR EACH ENTRY.
| TO DISPLAY THE CONFIGURATION
| TABLE IN STORAGE,
| GO TO PAGE 15, STEP 044,
| ENTRY POINT DS.
|
047
COMPARE THE INFORMATION YOU HAVE
WITH THE INFORMATION FROM THE
CONFIGURATION TABLE ENTRY IN
STORAGE, WHICH YOU RECORDED.

IS THE CONFIGURATION TABLE IN
STORAGE CORRECT?
Y N
|
| 048
| - PRESS THE START KEY.
|
| THE CONFIGURATION TABLE IN
| STORAGE IS NOT CORRECT. SEE
| WHAT CHANGES MUST BE MADE TO
| THE TABLE.
| GO TO PAGE 20, STEP 056,
| ENTRY POINT OT.
|
049
THE CONFIGURATION TABLE IS
CORRECT IN STORAGE.
THE CONFIGURATION PROGRAM MUST BE
TERMINATED.
GO TO PAGE 24, STEP 072,
ENTRY POINT TM.

050
ENTER ON THE CONSOLE:

- PRESS THE STOP KEY.
- PRESS THE SAR KEY.
- PRESS THE THREE (3) KEY.
- PRESS THE ZERO (0) KEY.
- PRESS THE ZERO (0) KEY.
- PRESS THE ZERO (0) KEY.
- PRESS THE STORE KEY.
- RECORD ENTRY 00 OF THE CONFIGURATION TABLE AS FOLLOWS:

- PRESS MAIN STORAGE KEY.
BYTES 00/01 ARE IN DATA LAMPS.

- PRESS MAIN STORAGE KEY.
BYTES 02/03 ARE IN DATA LAMPS.

- PRESS MAIN STORAGE KEY.
BYTES 04/05 ARE IN DATA LAMPS.

- PRESS MAIN STORAGE KEY.
BYTES 06/07 ARE IN DATA LAMPS.

- PRESS MAIN STORAGE KEY.
BYTES 08/09 ARE IN DATA LAMPS.

THE CHART SHOWS CONTENTS OF ENTRY ZERO (00). SEE MAP 3880, SECTION 08.01.03.

0/1	02	03	04	05	0607	0809	0A0E	0F
0/0	XX	XX	00	2X	XXXX	XXXX	0000	XX
ZEROS	LAST ENTRY IN TABLE	FLAGS	NOT USED	PROCESSOR TYPE	STORAGE WORD	ALTERNATE CONSOLE	NOT USED	RELEASE LEVEL

DO YOU WANT TO DISPLAY MORE ENTRIES?
Y N
|
| 051
| GO TO PAGE 19, STEP 053,
| ENTRY POINT IE.
|
052
GO TO PAGE 15, STEP 044,
ENTRY POINT DS.

053
(ENTRY POINT IE)

- COMPARE THE ERRORS WITH THE TABLE IN STORAGE.

IS THE TABLE IN STORAGE CORRECT?
Y N

054
THE TABLE IN STORAGE MUST BE CORRECTED. SEE WHAT ACTION YOU MUST TAKE TO CORRECT THE TABLE.

- ENTER ON THE CONSOLE:

- PRESS THE START KEY.
  (B) 6 (I) (I)
  6 = RESUME

IS THE ACTION COMPLETE?
Y N

055
COMPLETE THE ACTION AND:
GO TO PAGE 20, STEP 056,
ENTRY POINT OT.

```
|
|
056
(ENTRY POINT OT)

THE OPTION TABLE CAN BE  USED  BY
YOU  TO  CHANGE THE CONFIGURATION
TABLE.

OPTION TABLE
'01 = PRINT TABLE
 02 = DELETE
 03 = CHANGE
 04 = ALTERNATE CONSOLE
 05 = TERMINATE
 06 = PROCESSING UNIT TYPE
 07 = TWO CHANNEL SWITCH
 08 = STORAGE SIZE
 09 = PRINT SYSTEM EQUIPMENT
 0A = ADD
 0B = BYPASS OPTION TABLE
 0C = CONFIGURE SYSTEM
 0D = DISKETTE WRITE
 0E = OEMI
 0F = FLOATING POINT
 10 = COMBINE
 20 = PRINT OR DISPLAY TABLE.
 ENTER'

DO  YOU  WANT  TO  CONFIGURE  THE
SYSTEM FROM THE START?
Y N
|
| 057
| - SEE  IF  YOU  WANT  TO ADD AN
|   ENTRY TO THE TABLE.
|
| DO YOU WANT TO ADD AN ENTRY?
| Y N
| | |
| | |
| | |
| | |
| | |
| | |
| | |
```

```
|
|
058
- SEE IF YOU WANT TO DELETE AN
  ENTRY IN THE TABLE.

DO YOU WANT TO DELETE AN ENTRY?
Y N
|
| 059
| - SEE IF YOU WANT TO CHANGE AN
|   ENTRY IN THE TABLE.
|
| DO YOU WANT TO CHANGE AN ENTRY?
| Y N
| |
| | 060
| | - SEE IF YOU WANT TO CHANGE
| |   THE ALTERNATE CONSOLE
| |   ASSIGNED.
| |
| | DO YOU WANT TO CHANGE THE
| | ALTERNATE CONSOLE ASSIGNED?
| | Y N
| | |
| | | 061
| | | - SEE IF YOU WANT TO CHANGE
| | |   THE STORAGE SIZE.
| | |
| | | DO YOU WANT TO CHANGE THE
| | | STORAGE SIZE?
| | | Y N
| | | |
| | | | 062
| | | | - SEE IF YOU WANT TO
| | | |   CHANGE THE PROCESSING
| | | |   UNIT TYPE.
| | | |
| | | | DO YOU WANT TO CHANGE THE
| | | | PROCESSING UNIT TYPE?
| | | | Y N
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
```

063
- SEE IF YOU WANT TO MAKE A FLOATING POINT ENTRY.

DO YOU WANT TO MAKE A FLOATING POINT ENTRY?
Y N

064
- SEE IF YOU WANT TO MAKE AN OEMI ENTRY.

DO YOU WANT TO MAKE AN OEMI ENTRY?
Y N

065
- SEE IF YOU WANT TO MAKE A TWO CHANNEL SWITCH ENTRY.

DO YOU WANT TO MAKE A TWO CHANNEL SWITCH ENTRY?
Y N

066
YOU CAN COMBINE A CONFIGURATION TABLE FROM A DISKETTE TO THE CONFIGURATION TABLE ON A BASIC DISKETTE.
(ONE DISKETTE MUST ALWAYS BE A BASIC DISKETTE)

DO YOU WANT TO COMBINE CONFIGURATION TABLES?
Y N

```
|
|
067
- SEE IF YOU WANT TO WRITE THE
  CONFIGURATION TABLE TO THE
  DISKETTE.

DO YOU WANT TO WRITE THE
CONFIGURATION TABLE TO DISKETTE?
Y N
|
| 068
| - SEE IF YOU WANT TO TERMINATE
|   THE CONFIGURATION PROGRAM.
|
| DO YOU WANT TO TERMINATE THE
| CONFIGURATION PROGRAM?
| Y N
| |
| | 069
| | - SEE IF YOU WANT TO DISPLAY
| |   THE CONFIGURATION TABLE IN
| |   STORAGE.
| |
| | DO YOU WANT TO DISPLAY THE
| | CONFIGURATION TABLE?
| | Y N
| | |
| | | 070
| | | - START AGAIN IN THIS MAP.
| | | - READ AND ANSWER THE
| | |   QUESTIONS.
| | | GO TO PAGE 2,
| | | STEP 001,
| | | ENTRY POINT A.
| | |
| | 071
| | GO TO PAGE 15, STEP 044,
| | ENTRY POINT DS.
| |
| |
| |
| |
| |
| |
| |
```

072
(ENTRY POINT TM)

YOU WANT TO TERMINATE THE CONFIGURATION PROGRAM.

- ENTER ON THE CONSOLE:

(B) 1F (I)
(B) 0500 (I) (I)
05 = TERMINATE

DO THE DATA LAMPS EQUAL 3826?
Y N

073
GO TO PAGE 158, STEP 470,
ENTRY POINT EL.

074
CHANGES NOT WRITTEN - 0D=WRITE DISKETTE, 05=TERMINATE

IF YOU TERMINATE THE CONFIGURATION PROGRAM WITHOUT WRITING THE CONFIGURATION TABLE ON THE DISKETTE, ALL CHANGES TO THE TABLE WILL BE LOST.

- SEE IF YOU WANT TO DO THIS.

DO YOU WANT TO WRITE THE TABLE TO THE DISKETTE?
Y N

075
BEFORE YOU TERMINATE THE CONFIGURATION PROGRAM, IF ANY CHANGES WERE MADE TO THE CONFIGURATION TABLE, THEY MUST BE NOTED IN THE CONFIGURATION DEVICE TABLE.
- SEE MAP 3880, SECTION 08.01.04.
- SEE THE MAP(S) PROLOG(S), PARAGRAPH 5.1.

IF A SUPPORTED HARD COPY DEVICE IS AVAILABLE TO YOU ON THE SYSTEM, IT CAN BE USED TO PRINT THE TABLE.
IF A SUPPORTED DISPLAY TYPE DEVICE IS AVAILABLE TO YOU ON THE SYSTEM, IT CAN BE USED TO DISPLAY THE TABLE.
IF NONE OF THE ABOVE ARE AVAILABLE TO YOU, THE TABLE IN STORAGE WILL HAVE TO BE DISPLAYED WITH THE CONSOLE AND DATA LAMPS AND NOTED IN THE TABLE IN THE SERVICE GUIDE.

DO YOU WANT TO SEE THE CONFIGURATION TABLE IN STORAGE?
Y N

076
YOU WANT TO TERMINATE THE CONFIGURATION PROGRAM.

- ENTER ON THE CONSOLE:

```
(B)    1F        (I)
(B)  0500   (I)  (I)
      05   = TERMINATE
```

| | |
| | |
| | 077
| | YOU WANT TO DISPLAY THE
| | CONFIGURATION TABLE IN
| | STORAGE.
| | GO TO PAGE 15, STEP 044,
| | ENTRY POINT DS.
| |
| 078
| YOU WANT TO WRITE THE
| CONFIGURATION TABLE TO THE
| DISKETTE.
| GO TO STEP 079,
| ENTRY POINT WD.
|
079
(ENTRY POINT WD)

YOU WANT TO WRITE THE
CONFIGURATION TABLE TO THE
DISKETTE.

- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 0D00 (I) (I)
  0D = WRITE DISKETTE

- WAIT ONE MINUTE.

DO THE DATA LAMPS EQUAL 382C?
Y N
|
| 080
| - SEE THE DATA LAMPS.
|
| DO THE DATA LAMPS EQUAL 3800 OR
| 3805?
| Y N
| |
| | 081
| | GO TO PAGE 158, STEP 470,
| | ENTRY POINT EL.
| |
| |

```
| |
| |
| 082
| GO TO PAGE 29, STEP 088,
| ENTRY POINT PT.
|
083
(ENTRY POINT CC)
```

THE CONFIGURATION TABLE IS WRITTEN ON THE DISKETTE AND IS IN STORAGE STARTING AT LOCATION X3000.

SEE IF ALL DEVICE DATA IS ENTERED IN THE TABLE.

ENSURE THAT THE FOLLOWING, IF INSTALLED ON THE SYSTEM, HAVE AN ENTRY AND DEVICE DATA, IF ANY, IS CORRECT.

1. COMMUNICATION DEVICE DATA.
2. 4987 SYSTEM DEVICE DATA.
3. 4982 SENSOR I/O (EVEN IF NO FEATURE CARDS INSTALLED).
4. TYPE CODE (BYTE 01) FOR RPQ DEVICES EXCEPT 4978 DISPLAY.

SEE THE CONFIGURATION TABLE ENTRY DESCRIPTIONS IN:

1. THE MAP PROLOG(S) PARAGRAPH 5.1.
2. THE CONFIGURATION PROGRAM DESCRIPTION, MAP 3880.
3. THE CONFIGURATION PROGRAM DESCRIPTION, MAP 3880, SECTION 08.01.05, THE DEVICE TABLE.

DO YOU WANT TO CHANGE THE CONFIGURATION TABLE OR ADD DEVICE DATA?

```
Y N
| |
| |
| |
```

084
THE CONFIGURATION TABLE IS CORRECT. IT MUST BE WRITTEN TO ALL THE OTHER DISKETTES WITH THE SYSTEM.

- SEE IF ALL THE DISKETTES HAVE THE NEW CONFIGURATION TABLE WRITTEN ON THEM.

ARE ALL THE DISKETTES WRITTEN WITH THE 'NEW' TABLE?
Y N

085
A DISKETTE MUST BE WRITTEN WITH THE 'NEW' TABLE.

- OPEN THE DISKETTE UNIT.
- INSERT THE DISKETTE TO BE WRITTEN.
- CLOSE THE DISKETTE UNIT.

- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 0D00 (I) (I)
  0D = WRITE DISKETTE

- WAIT ONE MINUTE.
GO TO PAGE 27, STEP 083,
ENTRY POINT CC.

086
ALL THE DISKETTES ARE WRITTEN WITH THE 'NEW' TABLE.

- ENTER ON THE CONSOLE:

(B)	1F	(I)	
(B)	0500	(I)	(I)
	05	=	TERMINATE PROGRAM

THE CONFIGURATION PROGRAM WILL TERMINATE.

DO THE DATA LAMPS EQUAL 3800 OR 3805?
Y N

087
GO TO PAGE 158, STEP 470, ENTRY POINT EL.

088
(ENTRY POINT PT)

THE CONFIGURATION PROGRAM MUST BE RUN TO CHECK FOR CONFIGURATION ERRORS.

- ENTER ON THE CONSOLE:

(B)	B		(I)
(B)	38F0	(I)	(I)

- WAIT FOR THE CONFIGURATION PROGRAM TO LOAD.

DO THE DATA LAMPS EQUAL 3838?
Y N

089
- SEE THE DATA LAMPS.

DO THE DATA LAMPS EQUAL 382A?
Y N

090
(ENTRY POINT CD)

IS A TWO CHANNEL SWITCH CABLED TO THE PROCESSING UNIT BOARD?
Y N

091
- SEE THE DATA LAMPS.

DO THE DATA LAMPS EQUAL 382E?
Y N

092
- SEE THE DATA LAMPS.

DO THE DATA LAMPS EQUAL 3822?
Y N

093
GO TO PAGE 158,
STEP 470,
ENTRY POINT EL.

094
THERE ARE CONFIGURATION ERROR(S) ON THE SYSTEM.
GO TO PAGE 9,
STEP 024,
ENTRY POINT CE.

095
THERE ARE NO CONFIGURATION ERRORS ON THE SYSTEM.

- TERMINATE THE CONFIGURATION PROGRAM.

GO TO PAGE 24, STEP 072, ENTRY POINT TM.

096
- SEE THE NOTE TO THE RIGHT

THERE IS A TWO CHANNEL SWITCH CABLED TO PROCESSING UNIT.
THE CONFIGURATION TABLE IN STORAGE WILL HAVE TO BE DISPLAYED AND NOTED TO ANSWER THE FOLLOWING QUESTIONS, UNLESS IT WAS DISPLAYED AND NOTED BEFORE.

- SEE IF ALL THE 'COMMON I/O' ATTACHMENT(S) AND DEVICE(S) ARE ENTERED IN THE CONFIGURATION TABLE.

WAS THE CURRENT CONFIGURATION TABLE IN STORAGE NOTED BY YOU?
Y N

COMMON I/O

THE I/O ATTACHMENT CARD(S) THAT ARE USED BY BOTH PROCESSING UNITS.
THE I/O ATTACHMENT OR DEVICE CARD(S) CAN BE INSTALLED IN THE SAME BOARD AS THE TWO CHANNEL SWITCH OR THE I/O ATTACHMENT OR DEVICE CARD(S) CAN BE INSTALLED OUTBOARD OF THE TWO CHANNEL SWITCH BOARD IN ANOTHER EXPANSION BOARD.

|
|
097
- SEE THE NOTE TO THE RIGHT

THE CONFIGURATION TABLE IN STORAGE MUST BE DISPLAYED AND NOTED BEFORE CONTINUING. AFTER THE CONFIGURATION TABLE IS NOTED BY YOU, CONTINUE ON THE YES LEG.

USE ENTRY NUMBER FROM TABLE TO SEE LOCATION TO DISPLAY.

ENTER ON THE CONSOLE:

- PRESS THE STOP KEY.
- PRESS THE SAR KEY.
- PRESS THE THREE (3) KEY.
- PRESS THE X KEY.
- PRESS THE X KEY.
- PRESS THE 0 KEY.
  3XX0 = THE ENTRY NUMBER

- PRESS THE STORE KEY.
- PRESS MAIN STORAGE KEY.
- RECORD THE FOLLOWING:

BYTES 00/01 ARE IN DATA LAMPS.
- PRESS MAIN STORAGE KEY.
BYTES 02/03 ARE IN DATA LAMPS.
- PRESS MAIN STORAGE KEY.
BYTES 04/05 ARE IN DATA LAMPS.
- PRESS MAIN STORAGE KEY.
BYTES 06/07 ARE IN DATA LAMPS.

TO DISPLAY THE CONFIGURATION ENTRY IN STORAGE:

TO DISPLAY ENTRY NUMBER XX	DISPLAY STORAGE LOCATIONS: FROM	TO
00	3000	300F
01	3010	301F
02	3020	302F
03	3030	303F
04	3040	304F
05	3050	305F
06	3060	306F
07	3070	307F
08	3080	308F
09	3090	309F
0A	30A0	30AF
0B	30B0	30BF
0C	30C0	30CF
0D	30D0	30DF
0E	30E0	30EF
0F	30F0	30FF
10	3100	310F
15	3150	315F
1A	31A0	31AF
20	3200	320F
XX	3XX0	3XXF

098
- SEE IF ALL THE COMMON I/O IS ENTERED IN THE CONFIGURATION TABLE.

ARE ALL THE 'COMMON I/O' ENTERED IN THE CONFIGURATION TABLE?
Y N

099
ALL THE 'COMMON I/O' ATTACHMENT(S) AND DEVICE(S) MUST BE ADDED TO THE TABLE.
GO TO PAGE 60, STEP 185, ENTRY POINT AD.

100

ALL THE 'COMMON I/O' ATTACHMENT(S) AND DEVICE(S) ARE ENTERED IN THE CONFIGURATION TABLE.
BYTE 2 BIT 6 MUST BE A ONE (1) IN EACH COMMON I/O ENTRY IN THE CONFIGURATION TABLE.

NOTE

IF ONE TWO CHANNEL SWITCH IS INSTALLED, SEE THE ENTRY FOR THE TWO CHANNEL SWITCH.
DEVICE TYPE = 3E, I.D. = 0030
BYTE 02, BIT 06 MUST BE SET 'OFF'.
IT DOES NOT NEED BYTE 02, BIT 06 SET 'ON'.

IF MORE THAN ONE TWO CHANNEL SWITCH IS INSTALLED, EACH ONE IS 'COMMON I/O' TO THE OTHER ONE, WHEN BOTH ARE SWITCHED TO THE SAME PROCESSING UNIT.

DO ALL THE 'COMMON I/O' ENTRIES HAVE BYTE 02 BIT 6 ON IN THE TABLE?
Y N

| |
| |
| 101
| BYTE 02 BIT 6 MUST BE ENTERED
| IN EACH TWO CHANNEL SWITCH
| ENTRY IN THE CONFIGURATION
| TABLE.
|
| NOTE
| ----
| IF ONE TWO CHANNEL SWITCH IS
| INSTALLED, SEE THE ENTRY FOR
| THE TWO CHANNEL SWITCH.
| DEVICE TYPE = 3E, I.D. = 0030
| BYTE 02, BIT 06 MUST BE SET
| 'OFF'.
| IT DOES NOT NEED BYTE 02, BIT
| 06 SET 'ON'.
|
| IF MORE THAN ONE TWO CHANNEL
| SWITCH IS INSTALLED, EACH ONE
| IS 'COMMON I/O' TO THE OTHER
| ONE, WHEN BOTH ARE SWITCHED TO
| THE SAME PROCESSING UNIT.
|
| THE CONFIGURATION PROGRAM WILL
| DO THIS FOR YOU.
| GO TO PAGE 41, STEP 119,
| ENTRY POINT TC.
|
102
THERE ARE NO CONFIGURATION ERRORS
ON THE SYSTEM.

- TERMINATE THE CONFIGURATION
PROGRAM.
GO TO PAGE 24, STEP 072,
ENTRY POINT TM.

```
| | |
| | |
| | 103
| | - DISCONNECT   THE   CUSTOMER
| |   INTERFACE
| |
| | - ENTER ON THE CONSOLE:
| |   ----------------------
| |   (B)      6   (I)  (I)
| |            6 = RESUME
| |
| | DO THE DATA LAMPS EQUAL 3822?
| | Y N
| | |
| | | 104
| | | GO TO PAGE 30,
| | | STEP 090,
| | | ENTRY POINT CD.
| | |
| | 105
| | GO TO PAGE 9, STEP 024,
| | ENTRY POINT CE.
| |
| 106
| RPQ ON SYSTEM.
|
| - ENTER ON THE CONSOLE:
|   ----------------------
|   (B)      6   (I)  (I)
|            6 = RESUME
|
| GO TO PAGE 2, STEP 001,
| ENTRY POINT A.
|
107
DETERMINE  THE CHANGE YOU WANT TO
MAKE.
GO TO PAGE 20, STEP 056,
ENTRY POINT OT.
```

108
YOU WANT TO COMBINE TWO
CONFIGURATION TABLES.

- ENTER ON THE CONSOLE:

(B)	1F		(I)
(B)	1000	(I)	(I)
	10	= COMBINE	

DO THE DATA LAMPS EQUAL 383D?
Y N

109
GO TO PAGE 158, STEP 470,
ENTRY POINT EL.

110
- OPEN THE DISKETTE UNIT.
- INSERT THE 'FROM' DISKETTE.
- CLOSE THE DISKETTE UNIT.

- ENTER ON THE CONSOLE:

(B)	1F		(I)
(B)	0100	(I)	(I)
	01	= FROM DISKETTE LOADED	

DO THE DATA LAMPS EQUAL 383E?
Y N

111
GO TO PAGE 158, STEP 470,
ENTRY POINT EL.

112
- OPEN THE DISKETTE UNIT.
- REMOVE THE 'FROM' DISKETTE.
- INSERT THE 'BASIC' DISKETTE.
- CLOSE THE DISKETTE UNIT.

- ENTER ON THE CONSOLE:

```
(B)    1F        (I)
(B)  0100   (I)  (I)
     01   = TO DISKETTE LOADED
```

THE CONFIGURATION TABLE ON THE 'FROM' DISKETTE IS COMBINED WITH THE CONFIGURATION TABLE ON THE BASIC DISKETTE.

DO THE DATA LAMPS EQUAL 3848?
Y N

113
THE CONFIGURATION TABLES ARE COMBINED.
GO TO PAGE 27, STEP 083, ENTRY POINT CC.

114
(ENTRY POINT ME)

AN ENTRY IN THE 'FROM' DISKETTE TABLE IS THE SAME AS AN ENTRY IN THE 'TO' (BASIC) DISKETTE TABLE, BUT THE DEVICE DATA IS NOT THE SAME. THE 'TO' (BASIC) ENTRY WAS USED IN THE COMBINED CONFIGURATION TABLE.
TO ENSURE THE NEW (COMBINED) CONFIGURATION TABLE ON THE BASIC DISKETTE IS CORRECT, SEE IF THE 'TO' ERROR(S) IS THE ENTRY YOU WANT IN THE COMBINED CONFIGURATION TABLE, AS SEEN ON THE RIGHT.

- ENTER ON THE CONSOLE:

- PRESS THE STOP KEY.
- ENSURE LEVEL THREE (3).
- DISPLAY REGISTER 1.
- DISPLAY REGISTER 2.
- PRESS THE SAR KEY.
- PRESS XXXX KEYS.
XXXX = CONTENTS OF REGISTER 2.

IF YOU WANT TO DISPLAY THE 'FROM' ERROR(S) USE THE ADDRESS FROM REGISTER 1.

- PRESS THE STORE KEY.
- PRESS MAIN STORAGE KEY EIGHT (8) TIMES.

RECORD THE DATA LAMPS EACH TIME. THIS IS THE 'TO' ENTRY ERROR.

- PRESS THE START KEY.
- PRESS THE DATA BUFFER KEY.
- PRESS THE SIX (6) KEY.
- PRESS THE INTERRUPT KEY.
- PRESS THE INTERRUPT KEY.

DO THE DATA LAMPS EQUAL 382E?
Y N

115
GO TO STEP 114,
ENTRY POINT ME.

116
IF THERE ARE TWO DEVICES WITH THE SAME ADDRESS AND DIFFERENT DEVICE DATA, THE PROGRAM USES THE ENTRY FROM THE BASIC DISKETTE IN THE COMBINED TABLE. IF THIS IS NOT WHAT YOU WANT, THE TABLE MUST BE CHANGED.

SEE THE RECORDED DATA LAMPS. (THESE ARE THE NUMBERS RECORDED AFTER DISPLAYING THE STORAGE ADDRESS OBTAINED FROM REGISTER 2. THE CONFIGURATION TABLE USED THIS ENTRY FOR THE COMBINED TABLE. THIS IS THE 'TO' ENTRY FROM THE BASIC DISKETTE. SEE IF THIS IS THE ENTRY YOU WANT TO USE IN THE COMBINED TABLE.

IS THIS THE ENTRY YOU WANT TO USE IN THE COMBINED CONFIGURATION TABLE?
Y N

117
THE ERROR ENTRY MUST BE CHANGED.
CHANGE THE 'TO' ENTRY TO THE CORRECT INFORMATION.
GO TO PAGE 57, STEP 173, ENTRY POINT MD.

118
GO TO PAGE 26, STEP 079, ENTRY POINT WD.

119
(ENTRY POINT TC)

- SEE THE NOTE TO THE RIGHT
- SEE ALL 'COMMON I/O' ENTRIES IN CONFIGURATION TABLE.
- SEE IF ALL THE 'COMMON I/O' ENTRIES HAVE BYTE 02, BIT 06 SET TO A 'ONE' (1).

THIS BIT 'ON' INFORMS THE CONFIGURATION PROGRAM THAT THE DEVICE IS INSTALLED AS 'COMMON I/O'.

NOTE

IF ONE TWO CHANNEL SWITCH IS INSTALLED, SEE THE ENTRY FOR THE TWO CHANNEL SWITCH.
DEVICE TYPE = 3E, I.D. = 0030
BYTE 02, BIT 06 MUST BE SET 'OFF'.
IT DOES NOT NEED BYTE 02, BIT 06 SET 'ON'.

IF MORE THAN ONE TWO CHANNEL SWITCH IS INSTALLED, EACH ONE IS 'COMMON I/O' TO THE OTHER ONE, WHEN BOTH ARE SWITCHED TO THE SAME PROCESSING UNIT.

IS THE BIT 'ON' FOR ALL 'COMMON I/O' ENTRIES?
Y N

COMMON I/O

THE I/O ATTACHMENT CARD(S) THAT ARE USED BY BOTH PROCESSING UNITS.
THE I/O ATTACHMENT OR DEVICE CARD(S) CAN BE INSTALLED IN THE SAME BOARD AS THE TWO CHANNEL SWITCH OR THE I/O ATTACHMENT OR DEVICE CARD(S) CAN BE INSTALLED OUTBOARD OF THE TWO CHANNEL SWITCH BOARD IN ANOTHER EXPANSION BOARD.

120
- SEE THE ENTRY IN THE TABLE THAT IS INSTALLED AS 'COMMON I/O'.

THIS ENTRY MUST HAVE BYTE 02, BIT 06 SET 'ON'.

- ENTER ON THE CONSOLE:

(B) 1F (I)
(B) 0700 (I) (I)
07 = TWO CHANNEL SWITCH

DO THE DATA LAMPS EQUAL 383A?
Y N

121
GO TO PAGE 158, STEP 470, ENTRY POINT EL.

122
- ENTER THE CONFIGURATION TABLE ENTRY NUMBER OF A 'COMMON I/O' DEVICE.

DO THE DATA LAMPS EQUAL 382E?
Y N

123
GO TO PAGE 158, STEP 470, ENTRY POINT EL.

124
- SEE IF ALL 'COMMON I/O' ENTRIES IN TABLE HAVE BYTE 02 BIT 06 'ON'.

DO ALL THE 'COMMON I/O' DEVICES HAVE THE BIT 'ON'?
Y N

```
| | | |
| | | |
| | | 125
| | | GO TO PAGE 41,
| | | STEP 119,
| | | ENTRY POINT TC.
| | |
| | 126
| | GO TO PAGE 46, STEP 140,
| | ENTRY POINT DO.
| |
| 127
| GO TO PAGE 46, STEP 140,
| ENTRY POINT DO.
|
128
YOU  WANT TO ADD AN OEMI ENTRY TO       3839 IN THE DATA LAMPS IS:
THE TABLE.                              THE DEVICE ADDRESS  OF  THE  OEMI
AN   OEMI   ATTACHMENT   CARD  IS       CARD.
INSTALLED.

- ENTER ON THE CONSOLE:
  ---------------------
  (B)     1F    (I)
  (B)  0E00    (I) (I)
       0E    = OEMI ENTRY

DO THE DATA LAMPS EQUAL 3839?
Y N
|
| 129
| GO TO PAGE 158, STEP 470,
| ENTRY POINT EL.
|
|
|
|
|
|
|
|
|
|
|
|
|
|
|
|
```

130
SEE THE ADDRESS OF THE OEMI CARD.

- ENTER ON THE CONSOLE:

```
(B)    1F    (I)
(B)  XX00    (I) (I)
       XX    = DEVICE ADDRESS
```

- WAIT ONE MINUTE.

DO THE DATA LAMPS EQUAL 382E?
Y N

131
GO TO PAGE 158, STEP 470,
ENTRY POINT EL.

132
THE OEMI ATTACHMENT ENTRY IS IN THE CONFIGURATION TABLE.
GO TO PAGE 46, STEP 140,
ENTRY POINT DO.

133
YOU WANT TO ADD A FLOATING POINT ENTRY IN THE TABLE.

- ENTER ON THE CONSOLE:

```
(B)    1F       (I)
(B)  0F00  (I)  (I)
       0F   = FLOATING POINT
```

DO THE DATA LAMPS EQUAL 382E?
Y N

134
GO TO PAGE 158, STEP 470,
ENTRY POINT EL.

| |
| |
| 135
| THE FLOATING POINT ENTRY IS IN
| THE CONFIGURATION TABLE.
| GO TO PAGE 46, STEP 140,
| ENTRY POINT DO.
|
136
YOU WANT TO CHANGE THE PROCESSING
UNIT TYPE IN THE TABLE.

- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 0600 = (I) (I)
  06 = PROCESS UNIT TYPE

DATA LAMPS EQUAL 3827?
Y N
|
| 137
| GO TO PAGE 158, STEP 470,
| ENTRY POINT EL.
|
138
- ENTER PROCESSING UNIT TYPE IN
  THE CONFIGURATION TABLE.
  2X = 495X

- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 2X00 (I) (I)
  2X = 495X PROCESS UNIT

DO THE DATA LAMPS EQUAL 382E?
Y N
|
| 139
| GO TO PAGE 158, STEP 470,
| ENTRY POINT EL.
|
|
|
|

```
|
|
140
(ENTRY POINT DO)


DO YOU WANT TO DO ANY OTHER
OPTIONS IN THE PROGRAM?
Y N
|
| 141
| - SEE IF THERE ARE
|   CONFIGURATION ERROR(S) TO
|   CORRECT.
|
| ARE THERE ANY CONFIGURATION
| ERROR(S) TO CORRECT?
| Y N
| |
| | 142
| | YOU ARE DONE WITH THE
| | CONFIGURATION PROGRAM.
| | THE NEW TABLE MUST NOW BE
| | WRITTEN ON THE DISKETTE.
| | GO TO PAGE 26, STEP 079,
| | ENTRY POINT WD.
| |
| 143
| GO TO PAGE 20, STEP 056,
| ENTRY POINT OT.
|
144
GO TO PAGE 20, STEP 056,
ENTRY POINT OT.
```

```
|
|
145
(ENTRY POINT SS)

YOU WANT TO CHANGE THE STORAGE
SIZE IN THE TABLE.

- ENTER ON THE CONSOLE:
  ---------------------
  (B)    1F   (I)
  (B)  0800   (I)  (I)
       08   = STORAGE SIZE

DATA LAMPS EQUAL 3850?
Y N
|
| 146
| GO TO PAGE 158, STEP 470,
| ENTRY POINT EL.
|
147
(ENTRY POINT SI)

DETERMINE THE INNER STORAGE SIZE
INSTALLED.   ENTER   THE   INNER
STORAGE SIZE AS FOLLOWS:

- ENTER ON THE CONSOLE:
  ---------------------
  (B)    1F   (I)
  (B)  0X00   (I) (I)
       03   = 16K INNER STORAGE
       07   = 32K INNER STORAGE
       0B   = 48K INNER STORAGE
       0F   = 64K INNER STORAGE

- SEE THE DATA LAMPS:

DO THE DATA LAMPS EQUAL 3851?
Y N
| |
| |
| |
| |
| |
```

148
- SEE THE DATA LAMPS:

DO THE DATA LAMPS EQUAL 3823?
Y N

149
GO TO PAGE 46, STEP 140,
ENTRY POINT DO.

150
THE ENTRY MADE BY YOU IS NOT VALID.

- ENTER ON THE CONSOLE:

(B)	6	(I) (I)

6 = RESUME

GO TO PAGE 47, STEP 147,
ENTRY POINT SI.

151
- SEE IF AN ADDRESS EXPANDER/TRANSLATOR IS INSTALLED.

IS AN ADDRESS EXPANDER/TRANSLATOR INSTALLED?
Y N

152
- ENTER ON THE CONSOLE:

(B)	1F	(I)
(B)	0000	(I) (I)

00 = NOT INSTALLED

GO TO PAGE 46, STEP 140,
ENTRY POINT DO.

153
(ENTRY POINT SO)

THERE IS AN ADDRESS
EXPANDER/TRANSLATOR INSTALLED.

- ENTER ON THE CONSOLE:

```
(B)    1F   (I)
(B)  0100   (I) (I)
     01   = INSTALLED
```

- SEE THE DATA LAMPS:

DO THE DATA LAMPS EQUAL 3852?
Y N

154
GO TO PAGE 46, STEP 140,
ENTRY POINT DO.

155
'0XXX = NUMBER OF 16K BLOCKS OF OUTER STORAGE'

- SEE NUMBER OF 16K BLOCKS OF OUTER STORAGE INSTALLED.

- ENTER ON THE CONSOLE:

```
(B)    1F   (I)
(B)  0XXX   (I) (I)
     XXX  = NUMBER 16K OUTER
            STORAGE INSTALLED
     0001 = 16K OUTER STORAGE
     0002 = 32K OUTER STORAGE
     0003 = 48K OUTER STORAGE
     0004 = 64K OUTER STORAGE
```

- SEE THE DATA LAMPS:

DO THE DATA LAMPS EQUAL 3823?
Y N

156
GO TO PAGE 46, STEP 140, ENTRY POINT DO.

157
THE ENTRY MADE BY YOU IS NOT VALID.

- ENTER ON THE CONSOLE:

```
(B)     6   (I) (I)
        6 = RESUME
```

GO TO PAGE 49, STEP 153, ENTRY POINT SO.

158
(ENTRY POINT AC)

YOU WANT TO CHANGE THE ALTERNATE CONSOLE ASSIGNED IN THE CONFIGURATION TABLE.

- ENTER ON THE CONSOLE:

```
(B)    1F        (I)
(B)  0400   (I)  (I)
     04   = ALTERNATE CONSOLE
```

DO THE DATA LAMPS EQUAL 3821?
Y N

159
GO TO PAGE 158, STEP 470,
ENTRY POINT EL.

160

- SEE THE NOTE TO THE RIGHT
- ENTER ALTERNATE CONSOLE DEVICE TYPE AND ADDRESS:

- ENTER ON THE CONSOLE:

```
(B)    1F        (I)
(B)  AATT   (I)  (I)
       TT = DEVICE TYPE
     AA   = DEVICE ADDRESS
```

IF AN ALTERNATE CONSOLE IS NOT INSTALLED, ENTER 0000.

- WAIT ONE MINUTE

AN ALTERNATE CONSOLE IS:	MAP/ TYPE	AA TT
4973 PRINTER	6800	AA68
4974 PRINTER	6400	AA64
5200 PRINTERS	6A00	AA6A
MULTIFUNCTION 3101-7485-4975	E600	AAE6
3101 RPQ D02350	81F0	AA81
3101 ACCA SL	E800	AAE8
3101 ACCA ML	E900	AAE9
3101 FPMLC	EA00	AAEA
4978	4500	AA45
4979	4400	AA44
4980	F900	AAF9
7485 RPQ D02350	81FX	AA81
TTY ATTACHMENT %	4000	AA40
5251/5291	E400	AAE4

DO THE DATA LAMPS EQUAL 382E?

Y N

161

- SEE THE DATA LAMPS.

3824 IN THE DATA LAMPS IS:
SELECT THE CONSOLE TO BE ASSIGNED

```
00 = 3101 DISPLAY
01 = 7485 MODEL 53 DISPLAY
02 = 7485 MODEL 63 DISPLAY
03 = 4975 MODEL 01L PRINTER
04 = 4975 MODEL 02L PRINTER
```

DO THE DATA LAMPS EQUAL 3824?

Y N

```
|
|
162
- SEE THE DATA LAMPS.                    3830 IN THE DATA LAMPS IS:
                                         5200 SERIES PRINTER ADDRESS = 0X

DO THE DATA LAMPS EQUAL 3830?
Y N
|
| 163
| - SEE THE DATA LAMPS.                  3832 IN THE DATA LAMPS IS:
|                                        ALTERNATE CONSOLE ASSIGNED IS THE
|                                          PROGRAMMER/MAINTENENCE CONSOLE.
|
| DO THE DATA LAMPS EQUAL 3832?
| Y N
| |
| | 164
| | - SEE THE DATA LAMPS.              3831 IN THE DATA LAMPS IS:
| |                                    ALTERNATE  CONSOLE  ASSIGNED IS A
| |                                    52X1 DISPLAY
| |
| | DO THE DATA LAMPS EQUAL 3831?
| | Y N
| | |
| | | 165
| | | - SEE THE DATA LAMPS.            383F IN THE DATA LAMPS IS:
| | |                                  PORT/LINE SPEED/TERMINAL  ADDRESS
| | |                                  = ZYXX
| | |                                  Z = PORT ADDRESS
| | |                                  Y = LINE SPEED 0=100K
| | |                                                 1=250K
| | |                                                 2=500K
| | |                                  XX = TERMINAL ADDRESS
| | |
| | | DO  THE  DATA  LAMPS  EQUAL
| | | 383F?
| | | Y N
| | | |
| | | | 166
| | | | GO TO PAGE 158,
| | | | STEP 470,
| | | | ENTRY POINT EL.
| | | |
| | | |
| | | |
```

| |
| |
| 167
| A 4980 IS ASSIGNED AS THE
| CONSOLE IN THE TABLE. THE
| SUBADDRESS AND LINE SPEED MUST
| BE ENTERED IN THE CONFIGURATION
| TABLE.
|
| - ENTER ON THE CONSOLE:
| ----------
| (B) IF (I)
| (B) ZYXX (I) (I)
| Z = PORT ADDRESS 0-1
| Y = LINE SPEED 0=100K
| 1=250K
| 2=500K
| XX = TERMINAL ADDRESS
| GO TO PAGE 56, STEP 172,
| ENTRY POINT XX.
|
168
A 5251/5291 IS ASSIGNED AS THE
CONSOLE IN THE TABLE. THE CABLE
ADDRESS AND STATION ADDRESS MUST
BE ENTERED IN THE CONFIGURATION
TABLE.

- ENTER ON THE CONSOLE:

(B) IF (I)
(B) XY00 (I) (I)
X = CABLE ADDRESS 0-3
Y = STATION ADDRESS 0-6
GO TO PAGE 56, STEP 172,
ENTRY POINT XX.

| |
| |
| 169
| THE PROGRAMMER OR MAINTENENCE
| CONSOLE IS ASSIGNED AS THE
| CONSOLE IN THE CONFIGURATION
| TABLE.
|
| - ENTER ON THE CONSOLE:
| ----------
| (B) 6 (I) (I)
| 6 = RESUME
| GO TO PAGE 56, STEP 172,
| ENTRY POINT XX.
|
170
- SEE THE CONSOLE TO BE ASSIGNED.

- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 0X00 (I) (I)
  WHERE X = PAAA
  P = PORT NUMBER 0 - 1
  AAA = PRINTER ADDRESS 0 - 6

GO TO PAGE 56, STEP 172,
ENTRY POINT XX.

```
| |
| |
| 171
| - SEE   THE   CONSOLE   TO   BE
|   ASSIGNED.
|
| - ENTER ON THE CONSOLE:
|   ---------------------
|   (B)    1F    (I)
|   (B)  0X00    (I)  (I)
|          0   =  3101 DISPLAY
|          1   =  7485 MOD 53 DISPLAY
|          2   =  7485 MOD 63 DISPLAY
|          3   =  4975 MOD 01L PRINTER
|          4   =  4975 MOD 02L PRINTER
|
| GO TO STEP 172,
| ENTRY POINT XX.
|
172
(ENTRY POINT XX)

THE    ALTERNATE    CONSOLE    IS
ASSIGNED.
YOU   MUST    WRITE    THE    NEW
CONFIGURATION TABLE TO DISKETTE.
THE ALTERNATE CONSOLE ASSIGNED BY
YOU  CAN  BE USED AFTER THE TABLE
IS WRITTEN ON  THE  DISKETTE  AND
YOU IPL THE SYSTEM.
GO TO PAGE 26, STEP 079,
ENTRY POINT WD.
```

173
(ENTRY POINT MD)

YOU WANT TO CHANGE AN ENTRY IN THE TABLE:

- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 0300 (I) (I)
  03 = CHANGE

DO THE DATA LAMPS EQUAL 383A?
Y N

174
GO TO PAGE 158, STEP 470,
ENTRY POINT EL.

383A IN THE DATA LAMPS IS: THE TABLE ENTRY NUMBER TO BE CHANGED.

175
- ENTER THE CONFIGURATION TABLE ENTRY NUMBER YOU WANT TO CHANGE:

- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) XX00 (I) (I)
  XX = ENTRY NUMBER

DO THE DATA LAMPS EQUAL 3846?
Y N

176
GO TO PAGE 158, STEP 470,
ENTRY POINT EL.

3846 IN THE DATA LAMPS IS: ENTER THE DATA

177

THE ENTRY NEED ONLY BE MADE UP TO AND INCLUDING THE WORD TO BE CHANGED.
THE CONFIGURATION PROGRAM WILL NOT CHANGE THE REMAINDER OF THE ENTRY.
THE REMAINDER OF THE ENTRY WILL REMAIN THE SAME.

THE ENTRY TO BE CHANGED MUST BE ENTERED AS FOLLOWS:

TO CHANGE THE ENTRY, (ALL EIGHT (8) WORDS), DO AS FOLLOWS:

- ENTER ON THE CONSOLE:

```
(B)    8F    (I)
(B)  XXXX    (I)
(B)  XXXX    (I)
(B)  XXXX    (I)
(B)  XXXX    (I)
(B)  XXXX    (I)
(B)  XXXX    (I)
(B)  XXXX    (I)
(B)  XXXX    (I)  (I)
```

DO THE DATA LAMPS EQUAL 382E?
Y N

178

GO TO PAGE 158, STEP 470,
ENTRY POINT EL.

179

THE ENTRY IS CHANGED IN THE CONFIGURATION TABLE.
GO TO PAGE 46, STEP 140,
ENTRY POINT DO.

TO CHANGE THE FIRST (ONE) WORD OF THE ENTRY, DO AS FOLLOWS:

- ENTER ON THE CONSOLE:

```
(B)    1F    (I)
(B)  XXXX    (I)  (I)
```

TO CHANGE THE FIRST THREE (3) WORDS OF THE ENTRY, DO AS FOLLOWS:

- ENTER ON THE CONSOLE:

```
(B)    3F    (I)
(B)  XXXX    (I)
(B)  XXXX    (I)
(B)  XXXX    (I)  (I)
```

|
|
180
YOU WANT TO DELETE AN ENTRY FROM THE TABLE.

- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 0200 (I) (I)
  02 = DELETE

DATA LAMPS EQUAL 383A?
Y N
|
| 181
| GO TO PAGE 158, STEP 470,
| ENTRY POINT EL.
|
182
- ENTER THE CONFIGURATION TABLE ENTRY NUMBER YOU WANT TO DELETE:

- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) XX00 (I) (I)
  XX = ENTRY NUMBER

DO THE DATA LAMPS EQUAL 382E?
Y N
|
| 183
| GO TO PAGE 158, STEP 470,
| ENTRY POINT EL.
|
184
THE ENTRY IS DELETED FROM THE CONFIGURATION TABLE.
GO TO PAGE 46, STEP 140,
ENTRY POINT DO.

383A IN THE DATA LAMPS IS:
ENTER THE TABLE ENTRY NUMBER TO BE DELETED.

185
(ENTRY POINT AD)

383B IN THE DATA LAMPS IS:
ENTER THE DATA

YOU WANT TO ADD AN ENTRY TO THE TABLE.

- ENTER ON THE CONSOLE:

(B)	1F	(I)	
(B)	0A00	(I)	(I)
	0A	= ADD	

DO THE DATA LAMPS EQUAL 383B?
Y N

186
GO TO PAGE 158, STEP 470,
ENTRY POINT EL.

187
- ENTER THE FULL ENTRY YOU WANT TO ADD TO THE TABLE.
(ALL EIGHT WORDS)
- ENTER THE NEW ENTRY AS FOLLOWS:

- ENTER ON THE CONSOLE:

(B)	8F	(I)	8 WORDS TO CHANGE	
(B)	XXXX	(I)		WORD 0
(B)	XXXX	(I)		WORD 1
(B)	XXXX	(I)		WORD 2
(B)	XXXX	(I)		WORD 3
(B)	XXXX	(I)		WORD 4
(B)	XXXX	(I)		WORD 5
(B)	XXXX	(I)		WORD 6
(B)	XXXX	(I)	(I)	WORD 7

DO THE DATA LAMPS EQUAL 382E?
Y N

| | |
| | |
| | 188
| | GO TO PAGE 158, STEP 470,
| | ENTRY POINT EL.
| |
| 189
| THE ENTRY IS ADDED TO THE
| CONFIGURATION TABLE.
| GO TO PAGE 46, STEP 140,
| ENTRY POINT DO.
|
190
YOU WANT THE CONFIGURATION
PROGRAM TO CONFIGURE THE SYSTEM
FOR YOU.

- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 0C00 (I) (I)
  0C = CONFIGURE SYSTEM

- WAIT ONE MINUTE.

DO THE DATA LAMPS EQUAL 3821?
Y N
|
| 191
| GO TO PAGE 158, STEP 470,
| ENTRY POINT EL.
|
|
|
|
|
|
|
|
|
|
|
|
|
|
|
|

192
(ENTRY POINT VC)

- SEE THE NOTE TO THE RIGHT
- ENTER THE ALTERNATE CONSOLE DEVICE ADDRESS AND TYPE.

- ENTER ON THE CONSOLE:

```
(B)    1F   (I)
(B)  AATT   (I) (I)
       TT = DEVICE TYPE
     AA   = DEVICE ADDRESS
```

IF AN ALTERNATE CONSOLE IS NOT INSTALLED, ENTER 0000.

- WAIT ONE MINUTE.

- SEE THE DATA LAMPS.

DO THE DATA LAMPS EQUAL 3829?
Y N

AN ALTERNATE CONSOLE IS:	MAP/ TYPE	AA TT
4973 PRINTER	6800	AA68
4974 PRINTER	6400	AA64
5200 PRINTERS	6A00	AA6A
MULTIFUNCTION 3101-7485-4975	E600	AAE6
3101 RPQ D02350	81F0	AA81
3101 ACCA SL	E800	AAE8
3101 ACCA ML	E900	AAE9
3101 FPMLC	EA00	AAEA
4978	4500	AA45
4979	4400	AA44
4980	F900	AAF9
7485 RPQ D02350	81FX	AA81
TTY ATTACHMENT %	4000	AA40
5251/5291	E400	AAE4

3829 IN THE DATA LAMPS IS:
THE ALTERNATE CONSOLE ASSIGNED IS NOT ATTACHED TO THE SYSTEM.

193
(ENTRY POINT VE)

- SEE THE DATA LAMPS.

DO THE DATA LAMPS EQUAL 3832?
Y N

3832 IN THE DATA LAMPS IS:
THE ALTERNATE CONSOLE ASSIGNED IS THE PROGRAMMER OR MAINTENENCE CONSOLE.

194
YOU ASSIGNED A DISPLAY OR HARD COPY TYPE ALTERNATE CONSOLE.
- SEE THE DATA LAMPS.

3831 IN THE DATA LAMPS IS:
THE ALTERNATE CONSOLE ASSIGNED IS A 52X1 DISPLAY.

DO THE DATA LAMPS EQUAL 3831?
Y N

195
- SEE THE DATA LAMPS.

3824 IN THE DATA LAMPS IS:
SELECT THE CONSOLE TO BE ASSIGNED
00 = 3101 DISPLAY
01 = 7485 MODEL 53 DISPLAY
02 = 7485 MODEL 63 DISPLAY
03 = 4975 MODEL 01L PRINTER
04 = 4975 MODEL 02L PRINTER

DO THE DATA LAMPS EQUAL 3824?
Y N

196
- SEE THE DATA LAMPS.

3830 IN THE DATA LAMPS IS:
5200 SERIES PRINTER ADDRESS = 0X

DO THE DATA LAMPS EQUAL 3830?
Y N

197
- SEE THE DATA LAMPS.

383F IN THE DATA LAMPS IS:
PORT/LINE SPEED/TERMINAL ADDRESS
= ZYXX
Z = PORT ADDRESS
Y = LINE SPEED 0=100K
1=250K
2=500K
XX = TERMINAL ADDRESS

DO THE DATA LAMPS EQUAL 383F?
Y N

198
- SEE THE DATA LAMPS.

DO THE DATA LAMPS EQUAL 3800 OR 3805?
Y N

199
(ENTRY POINT ST)

- SEE THE DATA LAMPS.

DO THE DATA LAMPS EQUAL 3850?
Y N

3850 IN THE DATA LAMPS IS:
INNER STORAGE SIZE INSTALLED.

200
(ENTRY POINT TS)

- SEE THE DATA LAMPS.

DO THE DATA LAMPS EQUAL 3836?
Y N

3836 IN THE DATA LAMPS IS:
A TWO CHANNEL SWITCH IS INSTALLED.

201
(ENTRY POINT OE)

- SEE THE DATA LAMPS.

DO THE DATA LAMPS EQUAL 382B?
Y N

382B IN THE DATA LAMPS IS:
IS AN OEMI ATTACHMENT CARD INSTALLED?

202
(ENTRY POINT FP)

- SEE THE DATA LAMPS.

DO THE DATA LAMPS EQUAL 382D?
Y N

382D IN THE DATA LAMPS IS:
IS FLOATING POINT INSTALLED?

203
(ENTRY POINT TU)

- SEE THE DATA LAMPS.

386B IN THE DATA LAMPS IS:
A TAPE UNIT IS INSTALLED.

DO THE DATA LAMPS EQUAL 386B?
Y N

204
(ENTRY POINT SF)

- SEE THE DATA LAMPS.

386D IN THE DATA LAMPS IS:
A SPEECH CONTROLLER IS INSTALLED.

DO THE DATA LAMPS EQUAL 386D?
Y N

205
(ENTRY POINT AS)

- SEE THE NOTE TO THE RIGHT

3853 IN THE DATA LAMPS IS:
AN ACCA SL ATTACHMENT CARD IS INSTALLED.

ACCA SL
EN DA DT RID
EE AA TT XXXX
SPECIFY CODE
ENTER

DO THE DATA LAMPS EQUAL 3853?
Y N

206
(ENTRY POINT AM)

- SEE THE DATA LAMPS.

3854 IN THE DATA LAMPS IS:
AN ACCA ML ATTACHMENT CARD IS INSTALLED.

ACCA ML
EN DA DT RID
EE AA TT XXXX
SPECIFY CODE
ENTER

DO THE DATA LAMPS EQUAL 3854?
Y N

207
(ENTRY POINT AI)

- SEE THE DATA LAMPS.

386A IN THE DATA LAMPS IS:
A FPMLC COMMUNICATION IS INSTALLED.

DO THE DATA LAMPS EQUAL 386A?
Y N

208
(ENTRY POINT MF)

- SEE THE DATA LAMPS.

386C IN THE DATA LAMPS IS:
A MULTIFUNCTION IS INSTALLED.

DO THE DATA LAMPS EQUAL 386C?
Y N

209
(ENTRY POINT BS)

- SEE THE DATA LAMPS.

3855 IN THE DATA LAMPS IS:
A BSCA SL ATTACHMENT CARD IS INSTALLED.

BSCA SL
EN DA DT RID
EE AA TT XXXX
SPECIFY CODE
ENTER

DO THE DATA LAMPS EQUAL 3855?
Y N

210
(ENTRY POINT BM)

- SEE THE DATA LAMPS.

3856 IN THE DATA LAMPS IS:
A BSCA ML ATTACHMENT CARD IS INSTALLED.

BSCA ML
EN DA DT RID
EE AA TT XXXX
SPECIFY CODE
ENTER

DO THE DATA LAMPS EQUAL 3856?
Y N

211
(ENTRY POINT SD)

- SEE THE DATA LAMPS.

3857 IN THE DATA LAMPS IS:
AN SDLC ATTACHMENT CARD IS INSTALLED.

SDLC
EN DA DT RID
EE AA TT XXXX
SPECIFY CODE
ENTER

DO THE DATA LAMPS EQUAL 3857?
Y N

212
(ENTRY POINT PC)

3862 IN THE DATA LAMPS IS:
A 4987 SUBSYSTEM IS INSTALLED.

- SEE THE DATA LAMPS.

DO THE DATA LAMPS EQUAL 3862?
Y N

213
WAIT ONE MINUTE.

DO THE DATA LAMPS EQUAL 382C?
Y N

214
GO TO PAGE 158, STEP 470,
ENTRY POINT EL.

215
GO TO PAGE 27, STEP 083,
ENTRY POINT CC.

216
(ENTRY POINT TP)

THE DATA LAMPS EQUAL 3862.

- SELECT THE CORRECT SPECIFY CODE FROM THE CHART.

FEATURE CODES FOR THE 4987 PROGRAMMABLE COMMUNICATION

FEATURE CODE	FROM	TO	FROM	TO
4700	8510	8525	8610	8625
4701	8580	8581	8680	8681
4704	8530	8533	8630	8633
4706	8540	8542	8640	8642
4709	8550		8650	
4710	8560		8660	
4713	8570	8573	8670	8673
4716	8590		8690	
4717	8591		8691	
4718	8592		8692	
4719	8593		8693	
4721	8594		8694	
4722	8595		8695	
4723	8596		8696	
4724	8597		8697	

IS THE ACTION COMPLETE?
Y N

217
- COMPLETE THE ACTION AND CONTINUE ON THE YES LEG.

218

- PRESS THE STOP KEY.
- ENSURE LEVEL THREE (3).
- RECORD REGISTER CONTENTS:

R1 = ENTRY NUMBER IN TABLE (EN)
R2 = ADDRESS OF ENTRY (DA)
R3 = DEVICE ADDRESS (AA)
DEVICE TYPE (TT)
R4 = READ ID (IDID)

- PRESS THE START KEY.

- ENTER ON THE CONSOLE:

(B) 1F (I)
(B) YYYY (I) (I)
YYYY = SPECIFY CODE

- SEE THE DATA LAMPS:

TELEPROCESSING IS INSTALLED:

- OBTAIN THE MACHINE HISTORY.
- SEE COMMUNICATION FEATURE NUMBER AND S/1 SERVICE AID 3.
- FIND THE FEATURE NUMBER AND SPECIFY CODE IN IT THAT MATCHES THE NUMBER IN THE MACHINE HISTORY.
- ENTER THIS NUMBER AS THE SPECIFY CODE.

IF NO SPECIFY CODE IS FOUND, SEE THE JUMPERS ON THE CARD, AND USE THE SERVICE AID TO FIND THE SPECIFY CODE. IF NO SPECIFY CODE CAN BE DETERMINED, ENTER '0000' AS THE SPECIFY CODE AND USE THE 'CHANGE' FUNCTION (03) TO ENTER THE DEVICE DATA FOR THE ENTRY.

DO THE DATA LAMPS EQUAL 3858?
Y N

219
- SEE THE DATA LAMPS:

DO THE DATA LAMPS EQUAL 385B?
Y N

220
- SEE THE DATA LAMPS:

DO THE DATA LAMPS EQUAL 3860?
Y N

221
- SEE THE DATA LAMPS:

DO THE DATA LAMPS EQUAL 3861?
Y N

222
GO TO PAGE 68, STEP 212,
ENTRY POINT PC.

223
'CONFIGURATION ERROR - MESSAGE #
3861'

- PRESS THE STOP KEY.
- ENSURE LEVEL THREE (3).
- RECORD THE REGISTER CONTENTS:

R1 = TABLE ENTRY NUMBER.
R2 = START ADDRESS OF ENTRY.
R4 = AATT AA=ADDRESS, TT=TYPE.
R4 = READ ID.
R5 = MESSAGE NUMBER.

IF R5 = 10 THE 4987 CONTROLLER
STARTED WITH ADDRESS
THAT IS NOT EVEN.
IF R5 = 11 THE ADDRESS AREA AND
READ ID IS NOT KNOWN.
IF R5 = 12 DID NOT FIND TWO
SEQUENTIAL ENTRIES.

THE 4987 CARD WITH THE ADDRESS
NOTED IN REGISTER ONE (1) IS
FAILING.

- EXCHANGE THE CARD.
- VERIFY THE REPAIR.

```
|
|
224
'CONFIGURATION MESSAGE # 3860'

- PRESS THE STOP KEY.
- ENSURE LEVEL THREE (3).

- RECORD THE REGISTER CONTENTS:

R1 = TABLE ENTRY NUMBER.
R2 = START STORAGE ADDRESS ENTRY.
R4 = AATT AA=ADDRESS, TT=TYPE.
R4 = READ ID.
R5 = MESSAGE NUMBER.

- PRESS THE START KEY.
- SEE THE RECORDED CONTENTS OF
  REGISTER FIVE (5).

DO THE CONTENTS OF REGISTER FIVE
(5) EQUAL 0001?
Y N
|
| 225
| (ENTRY POINT PD)
|
| - SEE THE CONTENTS OF REGISTER
|   FIVE (5).
|
| DO THE CONTENTS OF REGISTER
| FIVE (5) EQUAL 0002?
| Y N
| |
| | 226
| | (ENTRY POINT PE)
| |
| | - SEE THE CONTENTS OF
| |   REGISTER FIVE (5).
| |
| | DO THE CONTENTS OF REGISTER
| | FIVE (5) EQUAL 0003?
| | Y N
| | | |
| | | |
| | | |
```

```
|
|
227
(ENTRY POINT PI)

- SEE THE CONTENTS OF REGISTER
  FIVE (5).

DO THE CONTENTS OF REGISTER FIVE
(5) EQUAL 0004?
Y N
|
| 228
| (ENTRY POINT PB)
|
| - SEE THE CONTENTS OF REGISTER
|   FIVE (5).
|
| DO THE CONTENTS OF REGISTER
| FIVE (5) EQUAL 0005?
| Y N
| |
| | 229
| | (ENTRY POINT PR)
| |
| | - SEE THE CONTENTS OF
| |   REGISTER FIVE (5).
| |
| | DO THE CONTENTS OF REGISTER
| | FIVE (5) EQUAL 0006?
| | Y N
| | |
| | | 230
| | | (ENTRY POINT PO)
| | |
| | | - SEE THE CONTENTS OF
| | |   REGISTER FIVE (5).
| | |
| | | DO THE CONTENTS OF REGISTER
| | | FIVE (5) EQUAL 0007?
| | | Y N
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
```

231
(ENTRY POINT PS)

- SEE THE CONTENTS OF REGISTER FIVE (5).

DO THE CONTENTS OF REGISTER FIVE (5) EQUAL 0008?
Y N

232
GO TO PAGE 68, STEP 212, ENTRY POINT PC.

233
CLEAR TO SEND DELAY SWITCH:
01 = 030 MS.
02 = 080 MS.
03 = 230 MS.

THE CLEAR TO SEND DELAY SWITCH MUST BE SET.

- SEE THE 4987 LOGIC SCXXX AND THE CUSTOMER FOR THE CLEAR TO SEND DELAY SWITCH INFORMATION.
- ENSURE THE CORRECT CLEAR TO SEND DELAY SWITCH IS SET ON.

IS THE CORRECT CLEAR TO SEND DELAY SWITCH SET?
Y N

234
- SET THE CORRECT CLEAR TO SEND DELAY SWITCH ON.

- ENTER ON THE CONSOLE:

```
(B)   1F   (I)
(B) 0X00   (I) (I)
    0X   = DELAY RATE SWITCH
    01   = 030 MS
    02   = 080 MS
    03   = 230 MS
```

DO THE DATA LAMPS EQUAL 3823?
Y N

235
GO TO PAGE 68, STEP 212,
ENTRY POINT PC.

236
THE ENTRY MADE BY YOU IS NOT VALID.

- ENTER ON THE CONSOLE:

```
(B)    6   (I) (I)
       6 = RESUME
```

GO TO PAGE 74, STEP 231,
ENTRY POINT PS.

```
| |
| |
| 237
| - ENTER ON THE CONSOLE:
|   ----------------------
|   (B)   1F   (I)
|   (B) 0X00   (I) (I)
|       0X   = DELAY RATE SWITCH
|       01   = 030 MS
|       02   = 080 MS
|       03   = 230 MS
|
| DO THE DATA LAMPS EQUAL 3823?
| Y N
| |
| | 238
| | GO TO PAGE 68, STEP 212,
| | ENTRY POINT PC.
| |
| 239
| THE  ENTRY  MADE  BY YOU IS NOT
| VALID.
|
| - ENTER ON THE CONSOLE:
|   ----------------------
|   (B)    6   (I) (I)
|          6 = RESUME
|
| GO TO PAGE 74, STEP 231,
| ENTRY POINT PS.
|
240
CLOCK OPTION, 00 = INTERNAL, 01 =
EXTERNAL.
THE CLOCK OPTION MUST BE SET.

- SEE THE 4987  LOGIC  SCXXX  AND
  THE  CUSTOMER  FOR  THE   CLOCK
  OPTION INFORMATION.

IS THE CLOCK OPTION KNOWN?
Y N
| |
| |
| |
| |
```

241
- DETERMINE CLOCK OPTION.

- ENTER ON THE CONSOLE:

```
(B)   1F   (I)
(B) 0X00   (I) (I)
     0X    = CLOCK OPTION
     00    = INTERNAL CLOCK
     01    = EXTERNAL CLOCK
```

GO TO PAGE 74, STEP 231,
ENTRY POINT PS.

242
- ENTER ON THE CONSOLE:

```
(B)   1F   (I)
(B) 0X00   (I) (I)
     0X    = CLOCK OPTION
     00    = INTERNAL CLOCK
     01    = EXTERNAL CLOCK
```

GO TO PAGE 74, STEP 231,
ENTRY POINT PS.

243
REQUEST TO SEND (RTS) 00 = OFF,
01 = ON.

- SEE THE 4987 LOGIC SCXXX AND THE CUSTOMER FOR THE RTS SWITCH INFORMATION.
- SET THE RTS SWITCH TO THE CORRECT POSITION.

IS THE RTS SWITCH SET ON?
Y N

244
- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 0000 (I) (I)
  00 = RTS OFF

GO TO PAGE 73, STEP 230,
ENTRY POINT PO.

245
- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 0100 (I) (I)
  01 = RTS ON

GO TO PAGE 73, STEP 230,
ENTRY POINT PO.

246
BITS PER SECOND SWITCH.
01 = 0600.
02 = 1200.
03 = 2400.
04 = 4800.
05 = 9600.

A BITS PER SECOND (BIT RATE) SWITCH MUST BE SET.

- SEE THE 4987 LOGIC SCXXX AND THE CUSTOMER FOR THE BITS PER SECOND SWITCH INFORMATION.
- ENSURE THE CORRECT BIT RATE SWITCH IS SET ON.

IS THE CORRECT BIT RATE SWITCH SET?
Y N

|
|
247
- SET THE CORRECT BIT SWITCH.

- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 0X00 (I) (I)
  0X = BIT RATE SWITCH
  01 = 0600
  02 = 1200
  03 = 2400
  04 = 4800
  05 = 9600

DO THE DATA LAMPS EQUAL 3823?
Y N
|
| 248
| GO TO PAGE 73, STEP 229,
| ENTRY POINT PR.
|
249
THE ENTRY MADE BY YOU IS NOT VALID.

- ENTER ON THE CONSOLE:

  (B) 6 (I) (I)
  6 = RESUME

GO TO PAGE 73, STEP 228,
ENTRY POINT PB.

250

- ENTER ON THE CONSOLE:

```
  (B)   1F    (I)
  (B) 0X00    (I) (I)
      0X    = BIT RATE SWITCH
      01    = 0600
      02    = 1200
      03    = 2400
      04    = 4800
      05    = 9600
```

DO THE DATA LAMPS EQUAL 3823?

Y N

251

GO TO PAGE 73, STEP 229,
ENTRY POINT PR.

252

THE ENTRY MADE BY YOU IS NOT VALID.

- ENTER ON THE CONSOLE:

```
  (B)     6   (I) (I)
          6 = RESUME
```

GO TO PAGE 73, STEP 228,
ENTRY POINT PB.

253
INTERLOCK SWITCH SETTING, 00 = OFF, 01 = ON.

- SEE THE 4987 LOGIC SCXXX AND THE CUSTOMER FOR THE INTERLOCK SWITCH INFORMATION.
- SET THE INTERLOCK SWITCH TO THE CORRECT POSITION.

IS THE INTERLOCK SWITCH SET ON?
Y N

254
- ENTER ON THE CONSOLE:

```
(B)   1F   (I)
(B) 0000   (I) (I)
    00   = INTERLOCK OFF
```

GO TO PAGE 73, STEP 228, ENTRY POINT PB.

255
- ENTER ON THE CONSOLE:

```
(B)   1F   (I)
(B) 0100   (I) (I)
    01   = INTERLOCK ON
```

GO TO PAGE 73, STEP 228, ENTRY POINT PB.

256
CARRIER DETECT SWITCH SETTING, 00 = OFF, 01 = ON.

- SEE THE 4987 LOGIC SCXXX AND THE CUSTOMER FOR THE CARRIER DETECT SWITCH INFORMATION.
- SET THE CARRIER DETECT SWITCH TO THE CORRECT POSITION.

IS THE CARRIER DETECT SWITCH SET ON?
Y N

257
- ENTER ON THE CONSOLE:

```
(B)   1F   (I)
(B) 0000   (I) (I)
    00   = CARRIER OFF
```

GO TO PAGE 73, STEP 227, ENTRY POINT PI.

258
- ENTER ON THE CONSOLE:

```
(B)   1F   (I)
(B) 0100   (I) (I)
    01   = CARRIER ON
```

GO TO PAGE 73, STEP 227, ENTRY POINT PI.

259
DATA SET READY (DSR) SWITCH, 00 = OFF, 01 = ON.

- SEE THE 4987 LOGIC SCXXX AND THE CUSTOMER FOR THE DSR SWITCH INFORMATION.
- SET THE DSR SWITCH TO THE CORRECT POSITION.

IS THE DSR SWITCH SET ON?
Y N

260
- ENTER ON THE CONSOLE:

```
(B)   1F   (I)
(B) 0000   (I) (I)
    00   = DSR SWITCH OFF
```

GO TO PAGE 72, STEP 226, ENTRY POINT PE.

261
- ENTER ON THE CONSOLE:

```
(B)   1F   (I)
(B) 0100   (I) (I)
    01   = DSR SWITCH ON
```

GO TO PAGE 72, STEP 226, ENTRY POINT PE.

262
COMM SYS - DATA TERMINAL READY (DTR) SWITCH? 00=OFF,01=ON

- SEE THE 4987 LOGIC SCXXX AND THE CUSTOMER FOR THE DTR SWITCH INFORMATION.
- SET THE DTR SWITCH TO THE CORRECT POSITION.

IS THE DTR SWITCH SET ON?
Y N

263
- ENTER ON THE CONSOLE:

```
(B)   1F   (I)
(B) 0000   (I) (I)
    00   = DTR SWITCH OFF
```

GO TO PAGE 72, STEP 225, ENTRY POINT PD.

264
- ENTER ON THE CONSOLE:

```
(B)   1F   (I)
(B) 0100   (I) (I)
    01   = DTR SWITCH ON
```

GO TO PAGE 72, STEP 225, ENTRY POINT PD.

265
ERROR - MULTI-LINE CONTROLLER AREA

THERE IS AN ERROR IN THE MULTI-LINE CONTROLLER ADDRESS AREA.
THE 4987 HAS AN ADDRESS AREA. NO OTHER DEVICE CAN USE THESE RESERVED ADDRESSES. THE CONFIGURATION PROGRAM FOUND A DEVICE WITH AN ADDRESS IN THIS AREA. THE CONFIGURATION TABLE ENTRY WITH THE ADDRESS AREA ERROR MUST BE CHANGED.
SEE THE ADDRESS RECORDED FROM R3.
FIND THE DEVICE WITH THIS ADDRESS AREA AS ITS ADDRESS.
THE ADDRESS OF THE DEVICE IN THIS AREA MUST BE CHANGED.
- VERIFY THE REPAIR.

266
YOU HAVE ENTERED A WRONG SPECIFY CODE FOR A 4987 CARD. THE SPECIFY CODE IS NOT KNOWN FOR A 4987 CARD.

- ENTER ON THE CONSOLE:

(B) 6 (I) (I)
6 RESUME

GO TO PAGE 69, STEP 216,
ENTRY POINT TP.

267
(ENTRY POINT TD)

THE DATA LAMPS EQUAL 3857 (SDLC).

- PRESS THE STOP KEY.
- ENSURE LEVEL THREE (3).
- RECORD REGISTER CONTENTS:

R1 = ENTRY NUMBER IN TABLE (EN)
R2 = ADDRESS OF ENTRY (DA)
R3 = DEVICE ADDRESS (AA)
DEVICE TYPE (TT)
R4 = READ ID (IDID)

- PRESS THE START KEY.

- FIND SPECIFY CODE IN CHART. X = JUMPER INSTALLED, Y = LINE DESCRIPTION

NO RI = NO RING INDICATE
ICLK = INTERNAL CLOCK
DTR = DATA TERMINAL READY
RTS = REQUEST TO SEND
SN = SWITCHED NETWORK
RIP = RING INDICATE PROVIDED
IC = INTERNAL CLOCK
LL = LEASED LINE
2W = TWO (2) WIRE
4W = FOUR (4) WIRE

SDLC FEATURE CODE 2090

SPECIFY CODE	JUMPERS					LINE			
	NO RI	ICLK	DTR	RTS	SN	RIP	IC	LL
8130	X							
8131					Y	Y		
8132	X	X			Y			
8133		X			Y	Y	Y	
8134	X		X					2W
8135	X		X	X				4W
8136	X	X	X				Y	2W
8137	X	X	X	X			Y	4W

IS THE ACTION COMPLETE?
Y N

268
- COMPLETE THE ACTION AND CONTINUE ON THE YES LEG.

269
- SEE THE NOTE TO THE RIGHT

- ENTER ON THE CONSOLE:

(B) 1F (I)
(B) YYYY (I) (I)
YYYY = SPECIFY CODE

- SEE THE DATA LAMPS:

TELEPROCESSING IS INSTALLED

IF NO SPECIFY CODE IS FOUND, USE THE JUMPERS ON THE CARD AND S/1 SERVICE AID 3 TO FIND THE SPECIFY CODE.
IF NO SPECIFY CODE CAN BE DETERMINED, ENTER '0000' AND AT TERMINATION OF THIS PROGRAM, LOAD IT AND USE THE CHANGE FUNCTION (03) TO ENTER THE DEVICE DATA FOR THE ENTRY.

DO THE DATA LAMPS EQUAL 3858?
Y N

270
- SEE THE DATA LAMPS:

DO THE DATA LAMPS EQUAL 3859?
Y N

271
- SEE THE DATA LAMPS:

DO THE DATA LAMPS EQUAL 385C?
Y N

272
GO TO PAGE 67,
STEP 211,
ENTRY POINT SD.

273
- SEE THE ADDRESS RECORDED FROM R3.
- EXCHANGE THE CARD AT THE ADDRESS FROM R3.
- VERIFY THE REPAIR.

274
THE SPECIFY CODE ENTERED IS CORRECT FOR AN SDLC CARD. THE SPECIFY CODE FOR THIS CARD ENTERED IS NOT CORRECT.

- ENTER ON THE CONSOLE:

(B)	6 (I) (I)
	6 RESUME

GO TO PAGE 86, STEP 267, ENTRY POINT TD.

275
YOU HAVE ENTERED A WRONG SPECIFY CODE FOR AN SDLC CARD. THE SPECIFY CODE IS NOT KNOWN FOR AN SDLC CARD.

- ENTER ON THE CONSOLE:

(B)	6 (I) (I)
	6 RESUME

GO TO PAGE 86, STEP 267, ENTRY POINT TD.

276
(ENTRY POINT MB)

THE DATA LAMPS EQUAL 3856
(BSCAML).

- FIND THE SPECIFY CODE IN THE CHART.

BSCA EIGHT (8) LINE CONTROLLER FEATURE CODE 2093					
SPECIFY CODE	CONTROLLER NUMBER IS:	SPECIFY CODE	CONTROLLER NUMBER IS:	SPECIFY CODE	CONTROLLER NUMBER IS:
8151	ONE (1)	8153	THREE (3)	8155	FIVE (5)
8152	TWO (2)	8154	FOUR (R)	8156	SIX (6)

BSCA 4 LINE ADAPTER FEATURE CODE 2094												
SPECIFY	JUMPERS						LINE					
CODE	MP	MPTA7	DTR	RTS	ICLK	NO RI	MP	HD	RIP	SN	LL	
840Z	X		X			X	Y					
841Z	X		X		X	X	Y					
842Z		X				X		Y		Y		
843Z		X							Y	Y		
844Z		X			X	X				Y		
845Z		X			X				Y	Y		
846Z			X			X					2W	
847Z			X	X		X					4W	
848Z			X		X	X					2W	
849Z			X	X	X	X					4W	

Z = THE CONTROLLER NUMBER THIS LINE IS ATTACHED TO (0 - 6).

IS THE ACTION COMPLETE?
Y N

277
- COMPLETE THE ACTION AND
CONTINUE ON THE YES LEG.

```
|
|
278
- PRESS THE STOP KEY.
- ENSURE LEVEL THREE (3).
- RECORD REGISTER CONTENTS:
R1 = ENTRY NUMBER IN TABLE (EN)
R2 = ADDRESS OF ENTRY (DA)
R3 = DEVICE ADDRESS (AA)
     DEVICE TYPE (TT)
R4 = READ ID (IDID)
- PRESS THE START KEY.
- SEE THE NOTE TO THE RIGHT

- ENTER ON THE CONSOLE:
  ---------------------
  (B)   1F   (I)
  (B) YYYY   (I) (I)
      YYYY = SPECIFY CODE

- SEE THE DATA LAMPS:

DO THE DATA LAMPS EQUAL 385A?
Y N
|
| 279
| - SEE THE DATA LAMPS:
|
| DO THE DATA LAMPS EQUAL 3858?
| Y N
| |
| | 280
| | - SEE THE DATA LAMPS:
| |
| | DO THE DATA LAMPS EQUAL 385B?
| | Y N
| | |
| | | 281
| | | - SEE THE DATA LAMPS:
| | |
| | | DO  THE  DATA  LAMPS  EQUAL
| | | 385C?
| | | Y N
| | | | |
| | | | |
| | | | |
```

TELEPROCESSING IS INSTALLED

IF NO SPECIFY CODE IS FOUND, USE THE JUMPERS ON THE CARD AND S/1 SERVICE AID 3 TO FIND THE SPECIFY CODE.

IF NO SPECIFY CODE CAN BE DETERMINED, ENTER '0000' AND AT TERMINATION OF THIS PROGRAM, LOAD IT AND USE THE CHANGE FUNCTION (03) TO ENTER THE DEVICE DATA FOR THE ENTRY.

```
| | |
| | |
| | 282
| | GO TO PAGE 67, STEP 210,
| | ENTRY POINT BM.
| |
| 283
| - SEE THE ADDRESS RECORDED FROM
|   R3.
| - EXCHANGE THE CARD AT THE
|   ADDRESS FROM R3.
| - VERIFY THE REPAIR.
|
284
THERE IS AN ERROR IN THE
MULTI-LINE CONTROLLER ADDRESS
AREA.
THE BSCA ML HAS AN ADDRESS AREA.
NO OTHER DEVICE CAN USE THESE
RESERVED ADDRESSES. THE
CONFIGURATION PROGRAM FOUND A
DEVICE WITH AN ADDRESS IN THIS
AREA. THE CONFIGURATION TABLE
ENTRY WITH THE ADDRESS AREA ERROR
MUST BE CHANGED.
SEE THE ADDRESS RECORDED FROM R3.
FIND THE DEVICE WITH THIS ADDRESS
AREA AS ITS ADDRESS.
THE ADDRESS OF THE DEVICE IN THIS
AREA MUST BE CHANGED.
- VERIFY THE REPAIR.
```

285
YOU HAVE ENTERED A WRONG
SPECIFY CODE FOR A BSCA CARD.
THE SPECIFY CODE IS NOT KNOWN
FOR A BSCA CARD.

- ENTER ON THE CONSOLE:

  (B) 6 (I) (I)
  6 RESUME

GO TO PAGE 89, STEP 276,
ENTRY POINT MB.

286
REMOTE IPL JUMPER? 00=NO, 01=YES
SEE IF THE REMOTE IPL JUMPER IS
INSTALLED ON THE CARD.

- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 0X00 (I) (I)
  00 = NO JUMPER
  01 = JUMPER

GO TO PAGE 67, STEP 210,
ENTRY POINT BM.

|
|
287
(ENTRY POINT TB)

THE DATA LAMPS EQUAL 3855
(BSCASL).
- FIND SPECIFY CODE IN CHART. X = JUMPER INSTALLED, Y = LINE DESCRIPTION

MP = MULTIPOINT TRIBUTARY		MP = MULTIPOINT	
MPTA7 = MP TERMINAL ADDRESS BIT 7		HD = HALF DUPLEX	
DTR = DATA TERMINAL READY		RIP = RING INDICATE PROVIDED	
RTS = REQUEST TO SEND		SN = SWITCHED NETWORK	
ICLK = INTERNAL CLOCK		LL = LEASED LINE	
NO RI = NO RING INDICATE		2W = TWO (2) WIRE	
FD = FULL DUPLEX		4W = FOUR (4) WIRE	

BSCA SL MEDIUM SPEED FEATURE CODE 2074

SPECIFY CODE	JUMPERS						LINE				
	MP	MPTA7	DTR	RTS	ICLK	NO RI	MP	HD	RIP	SN	LL
8120	X		X			X	Y				
8121	X		X		X	X	Y				
8122		X				X		Y		Y	
8123		X							Y	Y	
8124		X			X	X				Y	
8125		X			X				Y	Y	
8126			X			X					2W
8127			X	X		X					4W
8128			X		X	X					2W
8129			X	X	X	X					4W

V23/DDN = MODEM WE303 = MODEM

BSCA SINGLE LINE HIGH SPEED FEATURE CODE 2075

SPECIFY CODE	JUMPERS					LINE		
	MP	DTR	RTS	V35/DDN	WE303	HD	FD	LL
8161		X		XY		Y		Y
8162		X	X	XY			Y	Y
8163	X	X		XY				
8164		X			XY	Y		Y
8165		X	X		XY		Y	Y
8166	X	X			XY			

(STEP 287 CONTINUES)

(STEP 287 CONTINUED)

IS THE ACTION COMPLETE?
Y N
|
| 288
| - COMPLETE THE ACTION AND
| CONTINUE ON THE YES LEG.
|
289
- PRESS THE STOP KEY.
- ENSURE LEVEL THREE (3).
- RECORD REGISTER CONTENTS:
R1 = ENTRY NUMBER IN TABLE (EN)
R2 = ADDRESS OF ENTRY (DA)
R3 = DEVICE ADDRESS (AA)
DEVICE TYPE (TT)
R4 = READ ID (IDID)
- PRESS THE START KEY.

- ENTER THE SPECIFY CODE.

- ENTER ON THE CONSOLE:

(B) 1F (I)
(B) YYYY (I) (I)
YYYY = SPECIFY CODE

- SEE THE DATA LAMPS:

DO THE DATA LAMPS EQUAL 385A?
Y N
|
| 290
| - SEE THE DATA LAMPS:
|
| DO THE DATA LAMPS EQUAL 3859?
| Y N

TELEPROCESSING IS INSTALLED

IF NO SPECIFY CODE IS FOUND, USE THE JUMPERS ON THE CARD AND S/1 SERVICE AID 3 TO FIND THE SPECIFY CODE.
IF NO SPECIFY CODE CAN BE DETERMINED, ENTER '0000' AND AT TERMINATION OF THIS PROGRAM, LOAD IT AND USE THE CHANGE FUNCTION (03) TO ENTER THE DEVICE DATA FOR THE ENTRY.

| |
| |
| 291
| - SEE THE DATA LAMPS:
|
| DO THE DATA LAMPS EQUAL 385C?
| Y N
| |
| | 292
| | GO TO PAGE 67, STEP 209,
| | ENTRY POINT BS.
| |
| 293
| - SEE THE ADDRESS RECORDED FROM
| R3.
| - EXCHANGE THE CARD AT THE
| ADDRESS FROM R3.
| - VERIFY THE REPAIR.
|
294
YOU HAVE ENTERED A WRONG SPECIFY CODE FOR A BSCA ML CARD. THE SPECIFY CODE IS NOT KNOWN FOR A BSCA ML CARD.

- ENTER ON THE CONSOLE:

(B)	6 (I) (I)
	6 RESUME

GO TO PAGE 93, STEP 287,
ENTRY POINT TB.

|
|
295
REMOTE IPL JUMPER? 00=NO, 01=YES
SEE IF THE REMOTE IPL JUMPER IS
INSTALLED ON THE CARD.

- ENTER ON THE CONSOLE:

```
(B)   1F    (I)
(B) 0X00    (I) (I)
    00    = NO JUMPER
    01    = JUMPER
```

GO TO PAGE 67, STEP 209,
ENTRY POINT BS.

296
(ENTRY POINT FM)

- SEE THE NOTE TO THE RIGHT
- PRESS THE STOP KEY.
- ENSURE LEVEL THREE (3).
- DISPLAY REGISTER FIVE (5).
- RECORD THE CONTENTS OF REGISTER 5.
- PRESS THE START KEY.
- SEE THE RECORDED CONTENTS OF REGISTER 5.

386C IN THE DATA LAMPS IS:
A MULTI-FUNCTION IS INSTALLED.

EN DA DT RID
EE AA TT IDID
R1 = EN TABLE ENTRY NUMBER.
R2 = SA THE STARTING STORAGE ADDRESS OF ENTRY.
R3 = AATT AA IS DEVICE ADDRESS TT IS DEVICE TYPE
R4 = IDID READ ID TO ADDRESS.

R5 CONTENTS IS THE FOLLOWING:
---
01 = IS BIAS JUMPERED?
02 = MULTIPOINT TRIBUTARY JUMPER?
03 = IS S0 JUMPERED?
04 = IS S1 JUMPERED?
05 = IS S2 JUMPERED?
00=NO, 01=YES.

REGISTER 5 CONTENTS = 01 IS:
BIAS JUMPER? 00=OFF, 01=ON

DO THE CONTENTS OF REGISTER FIVE (5) = 01?
Y N

297
- SEE THE NOTE TO THE RIGHT
- SEE THE RECORDED CONTENTS OF REGISTER 5.

DO THE CONTENTS OF REGISTER FIVE (5) = 02?
Y N

REGISTER 5 CONTENTS = 02 IS:
MULTIPOINT TRIBUTARY JUMPER?
00=OFF, 01=ON

```
|
|
298
- SEE THE NOTE TO THE RIGHT              REGISTER 5 CONTENTS = 03 IS:
- SEE THE  RECORDED  CONTENTS  OF        S0 JUMPER? 00=OFF, 01=ON
  REGISTER 5.

DO  THE CONTENTS OF REGISTER FIVE
(5) = 03?
Y N
|
| 299
| - SEE THE NOTE TO THE RIGHT            REGISTER 5 CONTENTS = 04 IS:
| - SEE THE RECORDED CONTENTS  OF        S1 JUMPER? 00=OFF, 01=ON
|   REGISTER 5.
|
| DO  THE  CONTENTS  OF  REGISTER
| FIVE (5) = 04?
| Y N
| |
| | 300
| | - SEE THE NOTE TO THE RIGHT          REGISTER 5 CONTENTS = 05 IS:
| | - SEE THE  RECORDED  CONTENTS        S2 JUMPER? 00=OFF, 01=ON
| |   OF REGISTER 5.
| |
| | DO  THE  CONTENTS OF REGISTER
| | FIVE (5) = 05?
| | Y N
| | |
| | | 301
| | | GO TO PAGE 66,
| | | STEP 208,
| | | ENTRY POINT MF.
| | |
| | 302
| | - SEE IF  THE  S2  JUMPER  IS
| |   INSTALLED.
| |
| | IS THE JUMPER INSTALLED?
| | Y N
| | | |
| | | |
| | | |
| | | |
| | | |
  | | |
```

303
- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 0000 (I) (I)
  00 = NO JUMPER

GO TO PAGE 66, STEP 208,
ENTRY POINT MF.

304
- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 0100 (I) (I)
  01 = JUMPER

GO TO PAGE 66, STEP 208,
ENTRY POINT MF.

305
- SEE IF THE S1 JUMPER IS INSTALLED.

IS THE JUMPER INSTALLED?
Y N

306
- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 0000 (I) (I)
  00 = NO JUMPER

GO TO PAGE 97, STEP 296,
ENTRY POINT FM.

| |
| |
| 307
| - ENTER ON THE CONSOLE:
| ----------
| (B) 1F (I)
| (B) 0100 (I) (I)
| 01 = JUMPER
|
| GO TO PAGE 97, STEP 296,
| ENTRY POINT FM.
|
308
- SEE IF THE SO JUMPER IS
  INSTALLED.

IS THE JUMPER INSTALLED?
Y N
|
| 309
| - ENTER ON THE CONSOLE:
| ----------
| (B) 1F (I)
| (B) 0000 (I) (I)
| 00 = NO JUMPER
|
| GO TO PAGE 97, STEP 296,
| ENTRY POINT FM.
|
310
- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 0100 (I) (I)
      01 = JUMPER

GO TO PAGE 97, STEP 296,
ENTRY POINT FM.

311
- SEE IF THE JUMPER IS INSTALLED.

IS THE JUMPER INSTALLED?
Y N

312
- ENTER ON THE CONSOLE:

```
(B)   1F   (I)
(B) 0000   (I) (I)
    00   = NO JUMPER
```

GO TO PAGE 97, STEP 296,
ENTRY POINT FM.

313
- ENTER ON THE CONSOLE:

```
(B)   1F   (I)
(B) 0100   (I) (I)
    01   = JUMPER
```

GO TO PAGE 97, STEP 296,
ENTRY POINT FM.

314
- SEE IF THE JUMPER IS INSTALLED.

IS THE JUMPER INSTALLED?
Y N

315
- ENTER ON THE CONSOLE:

```
(B)   1F   (I)
(B) 0000   (I) (I)
    00   = NO JUMPER
```

GO TO PAGE 97, STEP 296,
ENTRY POINT FM.

316
- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 0100 (I) (I)
  01 = JUMPER

GO TO PAGE 97, STEP 296,
ENTRY POINT FM.

317
(ENTRY POINT TI)

- SEE THE NOTE TO THE RIGHT
- PRESS THE STOP KEY.
- ENSURE LEVEL THREE (3).
- DISPLAY REGISTER FIVE (5).
- RECORD THE CONTENTS OF REGISTER 5.
- PRESS THE START KEY.
- SEE THE RECORDED CONTENTS OF REGISTER 5.

386A IN THE DATA LAMPS IS:
A MULTI-LINE COMMUNICATION IS INSTALLED.

EN DA DT RID
EE AA TT IDID
R1 = EN TABLE ENTRY NUMBER.
R2 = SA STARTING STORAGE ADDRESS OF ENTRY.
R3 = AATT AA IS DEVICE ADDRESS TT IS DEVICE TYPE
R4 = IDID READ ID TO ADDRESS.

R5 CONTENTS IS THE FOLLOWING:
---
01 = * LINE INSTALLED AT ADDRESS?
02 = SPECIFY CODE
03 = * CLOCKS DURING WRAP?
* ANSWER 00=NO, 01=YES.

DO THE CONTENTS OF REGISTER FIVE (5) = 01?
Y N

318
- SEE THE NOTE TO THE RIGHT
- SEE THE RECORDED CONTENTS OF REGISTER 5.

REGISTER 5 CONTENTS = 02 IS:
SPECIFY CODE

DO THE CONTENTS OF REGISTER FIVE (5) = 02?
Y N

319
- SEE THE NOTE TO THE RIGHT
- SEE THE RECORDED CONTENTS OF REGISTER 5.

REGISTER 5 CONTENTS = 03 IS:
CLOCKS DURING WRAP? 00=NO, 01=YES

DO THE CONTENTS OF REGISTER FIVE (5) = 03?
Y N

320
GO TO PAGE 65, STEP 205, ENTRY POINT AS.

321
CLOCKS DURING WRAP.

- SEE IF YOU WANT THE CLOCK WRAPPED.
- SEE THE 4987 LOGIC SC455 AND THE CUSTOMER FOR THE CLOCK WRAP INFORMATION.

DO YOU WANT THE CLOCK TO BE WRAPPED?
Y N

```
| |
| 322
| - ENTER ON THE CONSOLE:
|   ----------------------
|   (B)   1F   (I)
|   (B) 0000   (I) (I)
|       00   = NO WRAP
|
| GO TO PAGE 102, STEP 317,
| ENTRY POINT TI.
|
323
- ENTER ON THE CONSOLE:
  ----------------------
  (B)   1F   (I)
  (B) 0100   (I) (I)
      01   = WRAP

GO TO PAGE 102, STEP 317,
ENTRY POINT TI.
```

|
324
- SEE THE NOTE TO THE RIGHT
- PRESS THE STOP KEY.
- ENSURE LEVEL THREE (3).
- RECORD REGISTER CONTENTS:
- PRESS THE START KEY.
- ENTER ON THE CONSOLE:

```
   ---------------------
   (B)   1F   (I)
   (B) YYYY   (I) (I)
       YYYY = SPECIFY CODE
```

R1 = ENTRY NUMBER IN TABLE (EN)
R2 = ADDRESS OF ENTRY (DA)
R3 = DEVICE ADDRESS (AA)
DEVICE TYPE (TT)
R4 = READ ID (IDID)

X = JUMPER INSTALLED
DCD = DATA CARRIER DETECT
DTR = DATA TERMINAL READY
RTS = REQUEST TO SEND
INT = INTERFACE
TTY = TELETYPE
EIA = MODEM
S = SPEED
HS = HIGH SPEED
LS = LOW SPEED

Y = LINE DESCRIPTION
DC = DIRECT CONNECT
CL = CURRENT LOOP
SN = SWITCHED NETWORK
LL = LEASED LINE
4W = FOUR (4) WIRE
2W = TWO WIRE
S = SPEED
HS = HIGH SPEED
LS = LOW SPEED

FPMLC 4 LINE ADAPTER FEATURE CODE 2096

SPECIFY CODE	JUMPERS S	INT	DTR	RTS	DCD	LINE DESCRIPTION CL	SN	DC	S	LL
80Z0	HS	EIA	X	X	X				HS	4W
80Z1	HS	EIA	X		X			Y	HS	2W
80Z2	LS	EIA	X	X	X				LS	4W
80Z3	LS	EIA	X		X			Y	LS	2W
80Z4	HS	EIA			X		Y		HS	
80Z5	LS	EIA			X		Y		LS	
80Z6	HS	TTY	X	X	X	Y			HS	
80Z7	LS	TTY	X	X	X	Y			LS	

Z = ATTACHMENTS INSTALLED, 1 FIRST ATTACHMENT, 2 SECOND ATTACHMENT

- SEE THE DATA LAMPS:

(STEP 324 CONTINUES)

(STEP 324 CONTINUED)
DO THE DATA LAMPS EQUAL 3858?
Y N

325
GO TO PAGE 102, STEP 317,
ENTRY POINT TI.

326
YOU HAVE ENTERED A WRONG SPECIFY CODE FOR THE FPMLC CARD. THE SPECIFY CODE IS NOT KNOWN FOR THIS CARD.

- ENTER ON THE CONSOLE:

(B)	6 (I) (I)
	6 RESUME

GO TO PAGE 102, STEP 317,
ENTRY POINT TI.

327
THE FPMLC COMMUNICATION HAS A CONTROLLER CARD AND ONE (1) OR TWO (2) FOUR (4) LINE ATTACHMENT CARDS. NOT ALL LINES MAY BE INSTALLED AND USED BY THE CUSTOMER. SEE IF THIS ADDRESS HAS A LINE INSTALLED. SEE LOGIC SC455 AND THE CUSTOMER FOR THE LINE INSTALLED INFORMATION.

IS A LINE INSTALLED?
Y N

```
| |
| 328
| - ENTER ON THE CONSOLE:
|   ----------------------
|   (B)   1F   (I)
|   (B) 0000   (I) (I)
|       00   = NO LINE
|
| GO TO PAGE 66, STEP 207,
| ENTRY POINT AI.
|
329
- ENTER ON THE CONSOLE:
  ----------------------
  (B)   1F   (I)
  (B) 0100   (I) (I)
      01   = LINE

GO TO PAGE 102, STEP 317,
ENTRY POINT TI.
```

330
(ENTRY POINT AE)
THE DATA LAMPS EQUAL 3854
(ACCAML).
- FIND THE SPECIFY CODE IN THE CHART.

ACCA MULTILINE CONTROLLER FEATURE CODE 2091			
SPECIFY CODE	CONTROLLER NUMBER IS:	SPECIFY CODE	CONTROLLER NUMBER IS:
8141	ONE (1)	8144	FOUR (4)
8142	TWO (2)	8145	FIVE (5)
8143	THREE (3)	8146	SIX (6)

ACCA FOUR LINE ADAPTER FEATURE CODE 2092												
SPECIFY CODE	JUMPERS					LINE						
	LO	MED	DTR	RTS	DCD	HD	FD	DC	LL	SN		
820Z	X		X					Y				
821Z	X		X	X				Y				
822Z	X					Y				Y		
823Z	X			X			Y					
824Z	X				X	Y				Y		
825Z	X			X	X		Y			Y		
826Z	X		X			Y			Y			
827Z	X		X	X			Y		Y			
828Z	X		X		X	Y			Y			
829Z	X		X	X	X		Y		Y			
830Z		X	X					Y				
831Z		X	X	X				Y				
832Z		X				Y				Y		
833Z		X		X			Y			Y		
834Z		X			X	Y				Y		
835Z		X		X	X		Y			Y		
836Z		X	X			Y			Y			
837Z		X	X	X			Y		Y			
838Z		X	X		X	Y			Y			
839Z		X	X	X	X		Y		Y			

Z = THE CONTROLLER NUMBER THIS LINE IS ATTACHED TO (0 - 6).

(STEP 330 CONTINUES)

(STEP 330 CONTINUED)
IS THE ACTION COMPLETE?
Y N
|
| 331
| - COMPLETE THE ACTION AND
| CONTINUE ON THE YES LEG.
|
332
- PRESS THE STOP KEY.
- ENSURE LEVEL THREE (3).
- RECORD REGISTER CONTENTS:
R1 = ENTRY NUMBER IN TABLE (EN)
R2 = ADDRESS OF ENTRY (DA)
R3 = DEVICE ADDRESS (AA)
DEVICE TYPE (TT)
R4 = READ ID (IDID)
- PRESS THE START KEY.
- SEE THE NOTE TO THE RIGHT

- ENTER ON THE CONSOLE:

(B) 1F (I)
(B) YYYY (I) (I)
YYYY = SPECIFY CODE

- SEE THE DATA LAMPS:

DO THE DATA LAMPS EQUAL 3858?
Y N
|
| 333
| - SEE THE DATA LAMPS:
|
| DO THE DATA LAMPS EQUAL 385B?
| Y N
| |
| | 334
| | - SEE THE DATA LAMPS:
| |
| | DO THE DATA LAMPS EQUAL 385C?
| | Y N
| | | |
| | | |

TELEPROCESSING IS INSTALLED

IF NO SPECIFY CODE IS FOUND, USE THE JUMPERS ON THE CARD AND S/1 SERVICE AID 3 TO FIND THE SPECIFY CODE.
IF NO SPECIFY CODE CAN BE DETERMINED, ENTER '0000' AND AT TERMINATION OF THIS PROGRAM, LOAD IT AND USE THE CHANGE FUNCTION (03) TO ENTER THE DEVICE DATA FOR THE ENTRY.

| | |
| | 335
| | GO TO PAGE 66, STEP 206,
| | ENTRY POINT AM.
| |
| 336
| NO INTERRUPT FROM THE CARD.
| SEE THE ADDRESS RECORDED FROM
| R3.
|
| - EXCHANGE THE CARD AT THE
| ADDRESS FROM R3.
| - VERIFY THE REPAIR.
|
337
THERE IS AN ERROR IN MULTI-LINE CONTROLLER ADDRESS AREA.
THE ACCA ML HAS AN ADDRESS AREA. NO OTHER DEVICE CAN USE THESE RESERVED ADDRESSES. THE CONFIGURATION PROGRAM FOUND A DEVICE WITH AN ADDRESS IN THIS AREA. THE CONFIGURATION TABLE ENTRY WITH THE ADDRESS AREA ERROR MUST BE CHANGED.

- SEE THE ADDRESS RECORDED FROM R3.
- FIND THE DEVICE WITH THIS ADDRESS AREA AS ITS ADDRESS.

THE ADDRESS OF THE DEVICE IN THIS AREA MUST BE CHANGED.
- VERIFY THE REPAIR.

|
338
YOU HAVE ENTERED A WRONG SPECIFY CODE FOR AN ACCA CARD. THE SPECIFY CODE IS NOT KNOWN FOR AN ACCA CARD.

- ENTER ON THE CONSOLE:

(B)	6	(I) (I)
	6	RESUME

GO TO PAGE 108, STEP 330, ENTRY POINT AE.

339
(ENTRY POINT TA)

THE DATA LAMPS EQUAL 3853
(ACCASL).

- FIND SPECIFY CODE IN CHART. X = JUMPER INSTALLED, Y = LINE DESCRIPTION
  DTR = DATA TERMINAL READY HD = HALF DUPLEX
  RTS = REQUEST TO SEND FD = FULL DUPLEX
  DCD = DATA CARRIER DETECT DC = DIRECT CONNECT
  SN = SWITCHED NETWORK LL = LEASED LINE

ACCA SINGLE LINE FEATURE CODE 1610											
SPECIFY CODE	JUMPERS					LINE				
	LO	MED	DTR	RTS	DCD	HD	FD	DC	LL	SN
8100	X		X					Y		
8101	X		X	X				Y		
8102	X					Y				Y
8103	X			X			Y			
8104	X				X	Y				Y
8105	X			X	X		Y			Y
8106	X		X			Y			Y	
8107	X		X	X			Y		Y	
8108	X		X		X	Y			Y	
8109	X		X	X	X		Y		Y	
8110		X	X					Y		
8111		X	X	X				Y		
8112		X				Y				Y
8113		X		X			Y			Y
8114		X			X	Y				Y
8115		X		X	X		Y			Y
8116		X	X			Y			Y	
8117		X	X	X			Y		Y	
8118		X	X		X	Y			Y	
8119		X	X	X	X		Y		Y	

IS THE ACTION COMPLETE?
Y N
| |
| |
| |

| |
| 340
| - COMPLETE THE ACTION AND
| CONTINUE ON THE YES LEG.
|
341
- PRESS THE STOP KEY.
- ENSURE LEVEL THREE (3).
- RECORD REGISTER CONTENTS:
R1 = ENTRY NUMBER IN TABLE (EN)
R2 = ADDRESS OF ENTRY (DA)
R3 = DEVICE ADDRESS (AA)
DEVICE TYPE (TT)
R4 = READ ID (IDID)
- PRESS THE START KEY.

- ENTER THE SPECIFY CODE.

- ENTER ON THE CONSOLE:

(B) 1F (I)
(B) YYYY (I) (I)
YYYY = SPECIFY CODE

- SEE THE DATA LAMPS:

DO THE DATA LAMPS EQUAL 3858?
Y N
|
| 342
| - SEE THE DATA LAMPS:
|
| DO THE DATA LAMPS EQUAL 385C?
| Y N
| |
| | 343
| | GO TO PAGE 65, STEP 205,
| | ENTRY POINT AS.
| |
| |
| |
| |
| |

TELEPROCESSING IS INSTALLED

IF NO SPECIFY CODE IS FOUND, USE THE JUMPERS ON THE CARD AND S/1 SERVICE AID 3 TO FIND THE SPECIFY CODE.
IF NO SPECIFY CODE CAN BE DETERMINED, ENTER '0000' AND AT TERMINATION OF THIS PROGRAM, LOAD IT AND USE THE CHANGE FUNCTION (03) TO ENTER THE DEVICE DATA FOR THE ENTRY.

| |
| 344
| - SEE THE ADDRESS RECORDED FROM
| R3.
| - EXCHANGE THE CARD AT THE
| ADDRESS FROM R3.
| - VERIFY THE REPAIR.
|
345
YOU HAVE ENTERED A WRONG SPECIFY CODE FOR AN ACCA CARD. THE SPECIFY CODE IS NOT KNOWN FOR AN ACCA CARD.

- ENTER ON THE CONSOLE:

(B)	6 (I) (I)
	6 RESUME

GO TO PAGE 112, STEP 339, ENTRY POINT TA.

346
(ENTRY POINT SE)

THE DATA LAMPS EQUAL 386D.
A SPEECH CONTROLLER IS INSTALLED
AT THE ADDRESS IN REGISTER THREE
(3).

- PRESS THE STOP KEY.
- DISPLAY REGISTER THREE (3).
  (THIS IS THE DEVICE ADDRESS).
- PRESS THE START KEY.
- SEE THE SPEECH CONTROLLER FOR
  THIS ADDRESS.

- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 0X00 (I) (I)
  X = NUMBER OF LINES
  INSTALLED.
ID OF 2112 - LINES ARE 0 - 2.
ID OF 2212 - LINES ARE 0 - 4.

- SEE THE DATA LAMPS.

DO THE DATA LAMPS EQUAL 3823?
Y N

347
GO TO PAGE 65, STEP 204,
ENTRY POINT SF.

348
THE ENTRY IS NOT VALID.
THE ENTRY MUST BE CORRECT.

- ENTER ON THE CONSOLE:

(B)	6	(I) (I)
	6 = RESUME	

GO TO PAGE 115, STEP 346,
ENTRY POINT SE.

349
(ENTRY POINT TV)

THE DATA LAMPS EQUAL 386B.
A TAPE DRIVE IS INSTALLED AT THE ADDRESS IN REGISTER THREE (3).

- PRESS THE STOP KEY.
- DISPLAY REGISTER THREE (3). (THIS IS THE DEVICE ADDRESS).
- PRESS THE START KEY.
- SEE THE TAPE DRIVE FOR THIS ADDRESS.

- ENTER ON THE CONSOLE:

(B)	1F	(I)
(B)	XX00	(I) (I)
	00 = NRZI	
	01 = DUAL	
	FF = PE	

- SEE THE DATA LAMPS.

DO THE DATA LAMPS EQUAL 3823?
Y N

350
GO TO PAGE 65, STEP 203,
ENTRY POINT TU.

351
THE ENTRY IS NOT VALID.
THE ENTRY MUST BE CORRECT.

- ENTER ON THE CONSOLE:

  (B) 6 (I) (I)
  6 = RESUME

GO TO PAGE 116, STEP 349,
ENTRY POINT TV.

352
- SEE IF A FLOATING POINT CARD IS INSTALLED.

IS A FLOATING POINT CARD INSTALLED.
Y N

353
THERE IS NO FLOATING POINT CARD INSTALLED.

- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 0000 (I) (I)
  00 = NO

- WAIT ONE MINUTE.
GO TO PAGE 65, STEP 203,
ENTRY POINT TU.

354
THERE IS A FLOATING POINT CARD
INSTALLED.

- ENTER ON THE CONSOLE:

```
(B)    1F   (I)
(B)  0100   (I) (I)
       01   = YES
```

GO TO PAGE 65, STEP 203,
ENTRY POINT TU.

355
(ENTRY POINT MI)

- SEE IF AN OEMI ATTACHMENT CARD IS INSTALLED ON THE SYSTEM.

IS AN OEMI ATTACHMENT CARD INSTALLED ON THE SYSTEM?
Y N

356
AN OEMI ATTACHMENT CARD IS NOT INSTALLED ON THE SYSTEM.

- ENTER ON THE CONSOLE:

```
(B)    1F   (I)
(B)  0000   (I) (I)
       00   = NO
```

GO TO PAGE 64, STEP 202,
ENTRY POINT FP.

|
357
(ENTRY POINT MO)

AN OEMI ATTACHMENT CARD IS INSTALLED.

- ENTER ON THE CONSOLE:

```
(B)    1F   (I)
(B)  0100   (I) (I)
     01   = YES
```

DO THE DATA LAMPS EQUAL 3839?
Y N
|
| 358
| GO TO PAGE 158, STEP 470,
| ENTRY POINT EL.
|
359
- SEE THE ADDRESS OF THE OEMI CARD.

- ENTER ON THE CONSOLE:

```
(B)    1F   (I)
(B)  XX00   (I) (I)
     XX   = DEVICE ADDRESS
```

- WAIT ONE MINUTE.

DO THE DATA LAMPS EQUAL 382B?
Y N
|
| 360
| GO TO PAGE 158, STEP 470,
| ENTRY POINT EL.
|
|
|
|
|
|

361
- SEE IF ANOTHER OEMI ATTACHMENT CARD IS INSTALLED.
- SEE IF THIS OEMI ATTACHMENT CARD IS ENTERED IN THE CONFIGURATION TABLE.

IS THERE AN OEMI ATTACHMENT CARD INSTALLED AND NOT ENTERED IN THE TABLE?
Y N

362
ALL OEMI ATTACHMENT CARD(S) ARE ENTERED IN THE TABLE.

- ENTER ON THE CONSOLE:

```
(B)    1F   (I)
(B)  0000   (I) (I)
     00   = NO
```

DO THE DATA LAMPS EQUAL 3833?
Y N

363
GO TO PAGE 64, STEP 202, ENTRY POINT FP.

|
364
THERE IS AN ERROR IN THE OEMI ENTRY YOU MADE.

- ENTER ON THE CONSOLE:

- PRESS THE STOP KEY.
- ENSURE LEVEL THREE (3).
- DISPLAY REGISTER 3.
  (R3 HAS THE CONDITION CODE)
- DISPLAY REGISTER 4.
  (R4 HAS THE AATT)
  TT = DEVICE TYPE
  AA = DEVICE ADDRESS

TT IS A3 FOR OEMI, AND IS ENTERED BY THE PROGRAM.

- COMPARE THE AAXX WITH THE INFORMATION YOU ENTERED.

IS THE AA PART OF THE ENTRY YOU MADE CORRECT?
Y N
|
| 365
| (ENTRY POINT OX)
|
| THERE IS A CONFIGURATION ERROR IN THE TABLE. REMEMBER THIS ERROR. IT WILL HAVE TO BE CORRECTED BY YOU.
|
| - ENTER ON THE CONSOLE:
| ---
| - PRESS THE START KEY.
| (B) 6 (I) (I)
| 6 = RESUME
| GO TO PAGE 64, STEP 202,
| ENTRY POINT FP.
|
|
|
|

366
- SEE THE CONDITION CODE FROM REGISTER 3.

DOES THE CONDITION CODE EQUAL 00?
Y N

| 367
| THE OEMI CARD IS BAD.
|
| - EXCHANGE THE OEMI ATTACHMENT CARD.
| - VERIFY THE REPAIR.

368
CC = 00 DEVICE NOT ATTACHED.

- SEE IF THE OEMI ATTACHMENT CARD IS INSTALLED.

IS THE OEMI ATTACHMENT CARD INSTALLED.
Y N

| 369
| GO TO PAGE 121, STEP 365,
| ENTRY POINT OX.

370
THE OEMI CARD IS BAD.

- EXCHANGE THE OEMI ATTACHMENT CARD.
- VERIFY THE REPAIR.

371
GO TO PAGE 119, STEP 357,
ENTRY POINT MO.

372
THE DATA LAMPS EQUAL 3836.
TWO CHANNEL SWITCH(ES) IS/ARE CABLED TO THIS PROCESSING UNIT.

- SEE IF THE CUSTOMER IS USING THE 'COMMON I/O' WITH THE OTHER PROCESSING UNIT.

IF THE CUSTOMER IS USING THE 'COMMON I/O' WITH THE OTHER PROCESSING UNIT, THE CONFIGURATION PROGRAM CANNOT BE USED TO CONFIGURE THE SYSTEM.

IS THE CUSTOMER USING THE 'COMMON I/O' NOW?
Y N

373
THE CUSTOMER IS NOT USING THE 'COMMON I/O' NOW.

- ENTER ON THE CONSOLE:

(B) 1F (I)
(B) 0000 (I) (I)
00 = NO

DO THE DATA LAMPS EQUAL 385D?
Y N

374
GO TO PAGE 158, STEP 470, ENTRY POINT EL.

|
375
REFERENCE THE TWO CHANNEL SWITCH CONSOLE.
IF THERE IS MORE THAN ONE TWO CHANNEL SWITCH CONSOLE, DO THE FOLLOWING ON ALL THE TWO CHANNEL SWITCH CONSOLES.

- CHANGE THE SELECT SWITCH TO THIS PROCESSING UNIT
- ENSURE THE MODE SWITCH IS IN MANUAL MODE
- PRESS AND RELEASE THE RESET KEY

IS THE ACTION COMPLETE?
Y N
|
| 376
| - COMPLETE THE ACTION AND CONTINUE ON THE YES LEG
|
377
- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 0100 (I) (I)
  01 = ACTION COMPLETE

DO THE DATA LAMPS EQUAL 385F?
Y N
|
| 378
| - SEE THE DATA LAMPS.
|
| DO THE DATA LAMPS EQUAL 385E?
| Y N
| |
| | 379
| | GO TO PAGE 158, STEP 470,
| | ENTRY POINT EL.
| |
| |
| |

|
380
THERE IS MORE THAN ONE TWO CHANNEL SWITCH CONSOLE:
REFERENCE TWO CHANNEL SWITCH CONSOLE THAT IS FARTHER FROM THE PROCESSING UNIT.

- CHANGE THE SELECT SWITCH TO THE OTHER POSITION
- PRESS AND RELEASE THE RESET KEY

IS THE ACTION COMPLETE?
Y N
|
| 381
| COMPLETE THE ACTION AND
| CONTINUE ON THE YES LEG
|
382
- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 0100 (I) (I)
  01 = ACTION COMPLETE

GO TO PAGE 126, STEP 385,
ENTRY POINT ET.

|
383
(ENTRY POINT TG)

IF THERE IS ONLY ONE TWO CHANNEL SWITCH CONSOLE:
- DO THE FOLLOWING ON THE TWO CHANNEL SWITCH CONSOLE.

IF THERE IS MORE THAN ONE TWO CHANNEL SWITCH CONSOLE:
- DO THE FOLLOWING ON THE TWO CHANNEL SWITCH CONSOLE NEAREST TO THE PROCESSING UNIT YOU ARE USING.

- CHANGE THE SELECT SWITCH TO THE OTHER POSITION
- PRESS AND RELEASE THE RESET KEY

- ENTER ON THE CONSOLE:

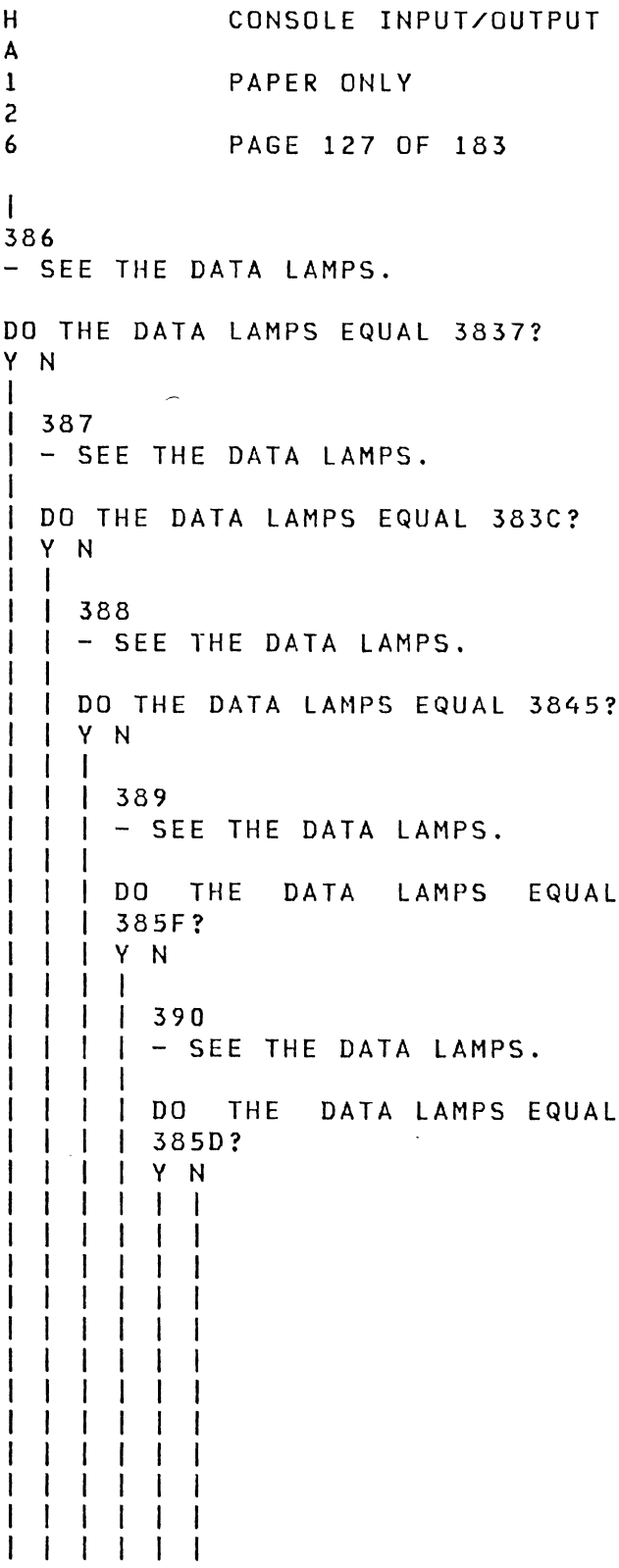
```
(B)    1F   (I)
(B)  0100   (I) (I)
     01   = ACTION COMPLETE
```

- WAIT ONE MINUTE.

IS THE CONSOLE ENTRY MADE?
Y N
|
| 384
| - COMPLETE THE ENTRY AND
| CONTINUE ON THE YES LEG
|
385
(ENTRY POINT ET)

- SEE THE DATA LAMPS.

DO THE DATA LAMPS EQUAL 3834?
Y N
| |
| |


386
- SEE THE DATA LAMPS.
DO THE DATA LAMPS EQUAL 3837?
Y N
387
- SEE THE DATA LAMPS.
DO THE DATA LAMPS EQUAL 383C?
Y N
388
- SEE THE DATA LAMPS.
DO THE DATA LAMPS EQUAL 3845?
Y N
389
- SEE THE DATA LAMPS.
DO THE DATA LAMPS EQUAL 385F?
Y N
390
- SEE THE DATA LAMPS.
DO THE DATA LAMPS EQUAL 385D?
Y N

391
GO TO PAGE 64, STEP 201,
ENTRY POINT OE.

392
- SEE THE TWO CHANNEL SWITCH CONSOLE.

IF THERE IS MORE THAN ONE TWO CHANNEL SWITCH CONSOLE, DO THE FOLLOWING ON ALL THE TWO CHANNEL SWITCH CONSOLES.

- CHANGE THE SELECT SWITCH TO THIS PROCESSING UNIT
- ENSURE THE MODE SWITCH IS IN MANUAL MODE
- PRESS AND RELEASE THE RESET KEY

WHEN ACTION IS COMPLETE:

- ENTER ON THE CONSOLE:

```
(B)    1F   (I)
(B)  0100   (I) (I)
       01   = ACTION COMPLETE
```

GO TO PAGE 64, STEP 201,
ENTRY POINT OE.

393
GO TO PAGE 126, STEP 383,
ENTRY POINT TG.

| |
| 394
| ERROR - TWO CHANNEL SWITCH WAS
| IN WRONG POSITION
|
| - ENTER ON THE CONSOLE:
| ----------
| (B) 6 (I) (I)
| 6 = RESUME
|
| THE CONFIGURATION PROGRAM WILL
| TERMINATE.
| THE SWITCH(ES) WERE NOT
| SWITCHED CORRECTLY.
| FOLLOW THE SWITCHING
| INSTRUCTIONS CAREFULLY.
| GO TO PAGE 2, STEP 001,
| ENTRY POINT A.
|

395
ERROR - CAN'T FIND THE TWO
CHANNEL SWITCH AT ADDRESS AA

- ENTER ON THE CONSOLE:

(B) 6 (I) (I)
6 = RESUME

THE CONFIGURATION PROGRAM WILL
TERMINATE.

THE PROBLEM IS:
1. THE SWITCHING WAS NOT DONE
CORRECTLY.
2. A SWITCH IS BAD.
3. THE TWO CHANNEL SWITCH CARD
IS BAD.

- FOLLOW THE SWITCHING
INSTRUCTIONS CAREFULLY.
GO TO PAGE 2, STEP 001,
ENTRY POINT A.

| |
| 396
| ERROR - TWO CHANNEL SWITCH AT
| ADDRESS AA DID NOT DISAPPEAR
|
| - ENTER ON THE CONSOLE:
| ----------
| (B) 6 (I) (I)
| 6 = RESUME
|
| THE CONFIGURATION PROGRAM WILL
| TERMINATE.
|
| THE PROBLEM IS:
| 1. THE SWITCHING WAS NOT DONE
| CORRECTLY.
| 2. A SWITCH IS BAD.
| 3. THE TWO CHANNEL SWITCH CARD
| IS BAD.
|
| - FOLLOW THE SWITCHING
| INSTRUCTIONS CAREFULLY.
| GO TO PAGE 2, STEP 001,
| ENTRY POINT A.
|
397
ERROR - MORE THAN ONE TWO CHANNEL
SWITCH DISAPPEARED

- ENTER ON THE CONSOLE:

(B) 6 (I) (I)
6 = RESUME

THE CONFIGURATION PROGRAM WILL
TERMINATE.
THE SWITCH(ES) WERE NOT SWITCHED
CORRECTLY.
FOLLOW THE SWITCHING INSTRUCTIONS
CAREFULLY.
GO TO PAGE 2, STEP 001,
ENTRY POINT A.

398
THE CUSTOMER IS USING THE COMMON I/O NOW.

- ENTER ON THE CONSOLE:

```
(B)    1F   (I)
(B)  0100   (I) (I)
       01   = YES
```

THE CONFIGURATION PROGRAM WILL TERMINATE.

399
(ENTRY POINT IS)

DETERMINE THE INNER STORAGE SIZE INSTALLED. ENTER THE INNER STORAGE SIZE AS FOLLOWS:

- ENTER ON THE CONSOLE:

```
(B)    1F   (I)
(B)  0X00   (I) (I)
       03   = 16K INNER STORAGE
       07   = 32K INNER STORAGE
       0B   = 48K INNER STORAGE
       0F   = 64K INNER STORAGE
```

- SEE THE DATA LAMPS:

DO THE DATA LAMPS EQUAL 3851?
Y N

400
- SEE THE DATA LAMPS:

DO THE DATA LAMPS EQUAL 3823?
Y N

```
| | |
| | 401
| | GO TO PAGE 64, STEP 200,
| | ENTRY POINT TS.
| |
| 402
| THE  ENTRY  MADE  BY YOU IS NOT
| VALID.
|
| - ENTER ON THE CONSOLE:
|   ----------------------
|   (B)      6   (I) (I)
|            6 = RESUME
|
| GO TO PAGE 131, STEP 399,
| ENTRY POINT IS.
|
403
- SEE IF AN ADDRESS  EXPANDER  IS       IF  MORE  THAN  64K OF STORAGE IS
  INSTALLED.                            INSTALLED, ANSWER YES.
- SEE IF AN ADDRESS TRANSLATOR IS
  INSTALLED.

IS AN ADDRESS EXPANDER/TRANSLATOR
INSTALLED?
Y N
|
| 404
| - ENTER ON THE CONSOLE:
|   ----------------------
|   (B)    1F   (I)
|   (B)  0000   (I) (I)
|        00   = NOT INSTALLED
|
| GO TO PAGE 64, STEP 201,
| ENTRY POINT OE.
|
|
|
|
|
|
|
|
|
```

405
THERE IS AN ADDRESS
EXPANDER/TRANSLATOR INSTALLED.

- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 0100 (I) (I)
  01 = IS INSTALLED

- SEE THE DATA LAMPS:

DO THE DATA LAMPS EQUAL 3852?
Y N

406
GO TO PAGE 64, STEP 200,
ENTRY POINT TS.

|
407
(ENTRY POINT OS)

'0XXX = NUMBER OF 16K BLOCKS OF OUTER STORAGE'

- SEE THE NUMBER OF 16K BLOCKS OF OUTER STORAGE INSTALLED.

- ENTER ON THE CONSOLE:

(B) 1F (I)
(B) 0XXX (I) (I)
XXX = NUMBER OF 16K OUTER STORAGE INSTALLED
0001 = 16K OUTER STORAGE
0002 = 32K OUTER STORAGE
0003 = 48K OUTER STORAGE
0004 = 64K OUTER STORAGE

- SEE THE DATA LAMPS:

DO THE DATA LAMPS EQUAL 3823?
Y N
|
| 408
| GO TO PAGE 64, STEP 200,
| ENTRY POINT TS.
|
409
THE ENTRY MADE BY YOU IS NOT VALID.

- ENTER ON THE CONSOLE:

(B) 6 (I) (I)
6 = RESUME

GO TO PAGE 131, STEP 399,
ENTRY POINT IS.

410
- PRESS THE LOAD KEY.
- WAIT ONE MINUTE.
- SEE THE DATA LAMPS.

3801 IN THE DATA LAMPS IS:
THE ALTERNATE CONSOLE ASSIGNED RETURNED A BAD CONDITION CODE.

DO THE DATA LAMPS EQUAL 3801?
Y N

411
- SEE IF THE ALTERNATE CONSOLE YOU ASSIGNED IS A PRINTER OR DISPLAY WITH/WITHOUT A KEYBOARD.

IS THE ALTERNATE CONSOLE YOU ASSIGNED A PRINTER OR DISPLAY WITH/WITHOUT A KEYBOARD?
Y N

412
GO TO PAGE 2, STEP 001, ENTRY POINT A.

413
GO TO MAP 3881, ENTRY POINT A.

|
414
THE ALTERNATE CONSOLE ASSIGNED RETURNED A BAD CONDITION CODE.

- ENTER ON THE CONSOLE:

- PRESS THE STOP KEY.
- ENSURE LEVEL THREE (3).
- PRESS REGISTER ZERO (0) KEY.

THE DATA LAMPS HAVE THE DEVICE ADDRESS AND TYPE OF THE ALTERNATE CONSOLE ASSIGNED IN THE CONFIGURATION TABLE.

- NOTE DEVICE ADDRESS AND TYPE:
A A T T
T T = DEVICE TYPE
A A = DEVICE ADDRESS

- SEE IF THE DEVICE ADDRESS AND TYPE IS INSTALLED.

IS THE DEVICE ADDRESS AND TYPE NOTED INSTALLED?
Y N
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |

|
415
YOU HAVE ASSIGNED A DEVICE AND/OR TYPE THAT IS NOT CORRECT. USE STOP ON ADDRESS TO ASSIGN THE CORRECT ALTERNATE CONSOLE. BE CAREFUL OF YOUR ENTRIES. ENSURE THEY ARE CORRECT.

- PRESS THE STOP KEY.
- PRESS THE STOP ON ADDRESS KEY.
- PRESS THE ONE (1) KEY.
- PRESS THE NINE (9) KEY.
- PRESS THE FIVE (5) KEY.
- PRESS THE ZERO (0) KEY.
- PRESS THE STORE KEY.
- PRESS THE STOP ON ADDRESS KEY.
- PRESS THE STOP ON ADDRESS KEY.
- PRESS THE LOAD KEY.
- WAIT FOR THE STOP LED TO GO ON.

(THE DATA LEDS SHOULD BE 1950)

IS THE PROCESSING UNIT A 4952, 4953 OR 4955?
Y N
|
| 416
| THE STOP LED WILL BE ON, BUT THE DATA LEDS WILL NOT BE EQUAL TO 1950.
|
| - PRESS THE START KEY UNTIL DATA LEDS = 1950 AND THE STOP LED IS ON.
| GO TO PAGE 138, STEP 417, ENTRY POINT AU.
|
|
|
|
|
|
|
|

|
417
(ENTRY POINT AU)
- SELECT THE ALTERNATE CONSOLE
YOU WANT TO USE.

AN ALTERNATE CONSOLE IS:	MAP/ TYPE	AA TT
4973 PRINTER	6800	AA68
4974 PRINTER	6400	AA64
5200 PRINTERS	6A00	AA6A
MULTIFUNCTION 3101-7485-4975	E600	AAE6
3101 RPQ D02350	81F0	AA81
3101 ACCA SL	E800	AAE8
3101 ACCA ML	E900	AAE9
3101 FPMLC	EA00	AAEA
4978	4500	AA45
4979	4400	AA44
4980	F900	AAF9
7485 RPQ D02350	81FX	AA81
TTY ATTACHMENT %	4000	AA40
5251/5291	E400	AAE4

DID YOU SELECT A CONSOLE?
Y N
|
| 418
| - SELECT THE CONSOLE AND
| CONTINUE ON YES LEG
|
|
|
|
|
|
|
|

```
|
419
- DISPLAY REGISTER ZERO (0).
- ENTER THE NEW ALTERNATE CONSOLE
  DEVICE ADDRESS AND TYPE (AATT).
- PRESS THE STORE KEY.
- SEE  IF  THE  ALTERNATE CONSOLE
  SELECTED IS OTHER THAN A  4975,
  5251/5291,  4980,  7485 OR 5200
  SERIES PRINTER.

IS THE CONSOLE OTHER THAN ONE  OF
THE ABOVE?
Y N
|
| 420
| - DISPLAY REGISTER ONE (1).
| - SEE  IF THE ALTERNATE CONSOLE
|   ASSIGNED IS A 4975.
|
| IS THE CONSOLE ASSIGNED A 4975?
| Y N
| |
| | 421
| | - SEE   IF   THE    ALTERNATE
| |   CONSOLE ASSIGNED IS A 52X1.
| |
| | IS  THE  CONSOLE  ASSIGNED  A
| | 52X1?
| | Y N
| | |
| | | 422
| | | - SEE   IF   THE  ALTERNATE
| | |   CONSOLE   ASSIGNED  IS  A
| | |   4980 DISPLAY.
| | |
| | | IS THE CONSOLE  ASSIGNED  A
| | | 4980 DISPLAY?
| | | Y N
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
```

423
- SEE IF THE ALTERNATE CONSOLE ASSIGNED IS A 7485.

IS THE CONSOLE ASSIGNED A 7485?
Y N

| 424
| - SEE IF THE ALTERNATE CONSOLE ASSIGNED IS A 5200 PRINTER.
|
| IS THE CONSOLE ASSIGNED A 5200 PRINTER?
| Y N
| |
| | 425
| | GO TO PAGE 143, STEP 431, ENTRY POINT AV.
| |
| 426
| 5200 SERIES PRINTER MUST BE ENTERED IN R1.
|
| - PRESS THE 0 KEY.
| - PRESS THE 0 KEY.
| - PRESS THE 0 KEY.
| - PRESS THE X KEY.
| WHERE X = PAAA
| P = PORT NUMBER 0 - 1
| AAA = PRINTER ADDRESS 0 - 6
| - PRESS THE STORE KEY.
| GO TO PAGE 143, STEP 431, ENTRY POINT AV.
|
|
|
|
|
|
|
|
|
|

```
| |
| 427
| 7485  - A MODEL (53 OR 63) MUST
| BE ENTERED IN R1.
|
| - PRESS THE 0 KEY.
| - PRESS THE 0 KEY.
| - PRESS THE 0 KEY.
| - PRESS THE X KEY.
|              X = 1  = MODEL 53
|                  2  = MODEL 63
| - PRESS THE STORE KEY.
| GO TO PAGE 143, STEP 431,
| ENTRY POINT AV.
|
428
4980  -  A  SUBADDRESS  AND  LINE
SPEED MUST BE ENTERED IN R1.

- PRESS Z KEY.
- PRESS Y KEY.
- PRESS X KEY.
- PRESS X KEY.
        Z = PORT ADDRESS 0-1
        Y = LINE SPEED 0=100K
                       1=250K
                       2=500K
       XX = TERMINAL ADDRESS
- PRESS THE STORE KEY.
GO TO PAGE 143, STEP 431,
ENTRY POINT AV.
```

| |
| 429
| 52X1 - A CABLE AND STATION
| ADDRESS MUST BE ENTERED IN R1.
|
| - PRESS 0 KEY.
| - PRESS 0 KEY.
| - PRESS X KEY.
| - PRESS Y KEY.
| X = CABLE ADDRESS 0-3
| Y = STATION ADDRESS 0-6
| - PRESS THE STORE KEY.
| GO TO PAGE 143, STEP 431,
| ENTRY POINT AV.
|

430
4975 - A MODEL (01L OR 02L) MUST
BE ENTERED IN R1.

- PRESS THE 0 KEY.
- PRESS THE 0 KEY.
- PRESS THE 0 KEY.
- PRESS THE X KEY.
3 = MODEL 01L
4 = MODEL 02L
- PRESS THE STORE KEY.

GO TO PAGE 143, STEP 431,
ENTRY POINT AV.

H H CONSOLE INPUT/OUTPUT
P T
1 1 PAPER ONLY
3 3
6 9 PAGE 143 OF 183

| |
| 431
| (ENTRY POINT AV)
|
| - PRESS THE STOP ON ADDRESS
| KEY.
| - PRESS THE START KEY.
|
| REMEMBER - THE 'OTHER'
| ALTERNATE CONSOLE YOU JUST
| ASSIGNED IS USED ONLY UNTIL YOU
| IPL THE PROCESSING UNIT AGAIN.
| DO THE ABOVE PROCEDURE BEFORE
| EACH IPL, OR THE OLD ALTERNATE
| CONSOLE WILL BE USED BY THE
| DIAGNOSTICS.
|
| CORRECT THE CONFIGURATION TABLE
| USING THE TEMPORARY ALTERNATE
| CONSOLE.
| GO TO MAP 0020, ENTRY POINT A.
|
432
GO TO PAGE 2, STEP 001,
ENTRY POINT A.

| |
| |
| 433
| A 4980 IS ASSIGNED AS THE
| CONSOLE IN THE TABLE. THE
| SUBADDRESS AND LINE SPEED MUST
| BE ENTERED IN THE CONFIGURATION
| TABLE.
|
| - ENTER ON THE CONSOLE:
| ----------
| (B) IF (I)
| (B) ZYXX (I) (I)
| Z = PORT ADDRESS 0-1
| Y = LINE SPEED 0=100K
| 1=250K
| 2=500K
| XX = TERMINAL ADDRESS
| GO TO PAGE 183, STEP 528,
| ENTRY POINT YY.
|
434
- SEE THE CONSOLE TO BE ASSIGNED.

- ENTER ON THE CONSOLE:

(B) 1F (I)
(B) 0X00 (I) (I)
WHERE X = PAAA
P = PORT NUMBER 0 - 1
AAA = PRINTER ADDRESS 0 - 6

GO TO PAGE 183, STEP 528,
ENTRY POINT YY.

435
- SEE THE CONSOLE TO BE ASSIGNED.

- ENTER ON THE CONSOLE:

```
(B)   1F   (I)
(B) 0X00   (I)  (I)
      0    = 3101 DISPLAY
      1    = 7485 MOD 53 DISPLAY
      2    = 7485 MOD 63 DISPLAY
      3    = 4975 MOD 01L PRINTER
      4    = 4975 MOD 02L PRINTER
```

GO TO PAGE 183, STEP 528,
ENTRY POINT YY.

436
A 52X1 IS ASSIGNED AS THE CONSOLE IN THE TABLE. THE CABLE ADDRESS AND STATION ADDRESS MUST BE ENTERED IN THE CONFIGURATION TABLE.

- ENTER ON THE CONSOLE:

```
(B)    IF   (I)
(B)  XY00   (I)  (I)
      X    = CABLE ADDRESS 0-3
       Y   = STATION ADDRESS 0-6
```

- WAIT ONE MINUTE.
GO TO PAGE 183, STEP 528,
ENTRY POINT YY.

```
| |
| |
| 437
| THE CONSOLE ASSIGNED IS THE
| PROGRAMMER OR MAINTENENCE
| CONSOLE.
|
| - ENTER ON THE CONSOLE:
|   ----------------------
|   (B)      6   (I) (I)
|            6 = RESUME
| WAIT ONE MINUTE.
|
| IS THE CONSOLE ENTRY MADE?
| Y N
| |
| | 438
| | - MAKE THE CONSOLE ENTRY AND
| |   CONTINUE ON THE YES LEG.
| |
| 439
| GO TO PAGE 64, STEP 199,
| ENTRY POINT ST.
|
440
THE DATA LAMPS EQUAL 3829.
THE ALTERNATE CONSOLE YOU
ASSIGNED IS NOT ATTACHED TO THE
SYSTEM.

- ENTER ON THE CONSOLE:
  ----------------------
  (B)      6   (I) (I)
           6 = RESUME
GO TO PAGE 62, STEP 193,
ENTRY POINT VE.
```

441
- COUNT THE NUMBER OF CONFIGURATION ERROR(S).
- SEE THE ERROR(S) RECORDED FROM THE DATA LAMPS.

IS THERE ONLY ONE (1) CONFIGURATION ERROR?
Y N

442
- SEE IF THERE ARE ONLY TWO (2) CONFIGURATION ERRORS.

ARE THERE ONLY TWO (2) CONFIGURATION ERRORS?
Y N

443
- SEE THE RECORDED HALTS.

WERE ALL THE RECORDED HALTS 3840 AND 3842?
Y N

444
- SEE THE RECORDED HALTS.

WERE ALL THE RECORDED HALTS 3841?
Y N

445
- SEE THE RECORDED HALTS.

WERE ALL THE RECORDED HALTS 3842?
Y N

| |
| 446
| THERE ARE NO CONFIGURATION
| ERROR(S). YOU WANT TO USE THE
| CONFIGURATION PROGRAM. SEE
| WHAT YOU WANT TO DO.
| GO TO PAGE 20, STEP 056,
| ENTRY POINT OT.
|

447
THERE ARE MISSING BIT(S) IN THE ID WORD. THIS IS A DATA BUS PROBLEM.

USE THE ENTRY NUMBERS (RIGHTMOST BYTE IN R3), YOUR TABLE IN THE SERVICE GUIDE 08.01.04, AND THE DEVICE TABLE IN 08.01.05 TO DETERMINE THE FAILING DEVICES. COMPARE THE ID WORD RECEIVED (R4) TO THE ID WORD EXPECTED (TABLE IN 08.01.05) TO DETERMINE THE SUSPECT BIT LINES. SEE THE PROCESSING UNIT (AXXXX) AND 4959 EXPANSION LOGICS IN MLD VOLUME 01.

- USE THE MULTIMETER.
- CHECK CONTINUITY OF THE SUSPECT DATA BUS LINES FROM THE PROCESSING UNIT TO THE FAILING DEVICES.

IF THE CAUSE IS NOT FOUND
GO TO MAP 0070, ENTRY POINT A.

|
448
AN OIO CONDITION CODE OF 00 WAS RETURNED FROM READ ID'S TO SEVERAL DEVICES THAT HAVE ENTRIES IN THE CONFIGURATION TABLE ON THE DISKETTE,

USE THE ENTRY NUMBERS (RIGHTMOST BYTE IN R3), YOUR TABLE IN THE SERVICE GUIDE 08.01.04, AND THE DEVICE TABLE IN SERVICE GUIDE 08.01.05 TO DETERMINE FAILING DEVICES. SEE THE PROCESSING UNIT (AXXXX) AND 4959 EXPANSION LOGICS IN MLD VOLUME 01.

- USE THE MULTIMETER.
- CHECK ALL THE VOLTAGES AT THE FAILING ATTACHMENT CARD NEAREST THE PROCESSING UNIT.
- CHECK THE DATA BUS FOR LOOSE CABLE(S)/REPOWER CARD(S) FROM THE PROCESSING UNIT TO THE FAILING DEVICES.

IF THE CAUSE IS NOT FOUND
GO TO MAP 0070, ENTRY POINT A.

449

THERE ARE 'HOT' BIT(S) ON THE DATA BUS OR ONE DEVICE IS ANSWERING TO MORE THAN ONE ADDRESS.
FOR ALL 3842 ERRORS LOGGED:
USE THE ENTRY NUMBERS (RIGHTMOST BYTE IN R3), YOUR TABLE IN THE SERVICE GUIDE 08.01.04, THE DEVICE TABLE IN THE SERVICE GUIDE 08.01.05 TO DETERMINE THE FAILING DEVICES.

ARE ALL FAILING DEVICES OUTBOARD OF A CHANNEL REPOWER CARD?
Y N

|
450
- UNSEAT THE ATTACHMENT CARDS ONE AT A TIME.
- IPL AFTER EACH CARD IS UNSEATED UNTIL THE FAILURE DISAPPEARS (NO MORE 3844 HALTS).

TO MAINTAIN THE POLL SEQUENCE, START UNSEATING WITH THE CARDS THAT ARE FARTHER FROM THE PROCESSING UNIT.
EACH TIME A CARD IS UNSEATED IT WILL GENERATE A 3841 HALT FOR THAT ADDRESS.
ENTER '6' TO BYPASS THE HALTS THAT ARE NOT ASSOCIATED WITH THE PROBLEM.
WHEN THE FAILING CARD HAS BEEN IDENTIFIED, TERMINATE THE CONFIGURATION PROGRAM:

- ENTER ON THE CONSOLE:

  (B) 5 (I) (I)
  5 = TERMINATE

- SEAT ALL THE UNSEATED CARDS.
- GO TO THE ENTRY MAP FOR THE FAILING DEVICE.

THERE ARE DEVICES AND SUBSYSTEMS THAT USE MORE THAN ONE ADDRESS. SEE THE DEVICE PROLOG, 0.0, 1.4 AND 4.0.
THERE MAY BE SPECIAL INSTRUCTIONS FOR CONFIGURATION ERROR(S) AND OR A MACHINE CHECK.

IF THIS DOES NOT ISOLATE THE PROBLEM,
GO TO MAP 0070, ENTRY POINT A

|
451
- UNSEAT THE ATTACHMENT CARDS ONE AT A TIME.
- IPL AFTER EACH CARD IS UNSEATED UNTIL THE FAILURE DISAPPEARS (NO MORE 3844 HALTS).

TO MAINTAIN THE POLL SEQUENCE, START UNSEATING WITH THE CARDS THAT ARE FARTHER FROM THE PROCESSING UNIT.
EACH TIME A CARD IS UNSEATED IT WILL GENERATE A 3841 HALT FOR THAT ADDRESS.
ENTER '6' TO BYPASS THE HALTS THAT ARE NOT ASSOCIATED WITH THE PROBLEM.
WHEN THE FAILING CARD HAS BEEN IDENTIFIED, TERMINATE THE CONFIGURATION PROGRAM:

- ENTER ON THE CONSOLE:

  (B) 5 (I) (I)
  5 = TERMINATE

- SEAT ALL THE UNSEATED CARDS.
- GO TO THE ENTRY MAP FOR THE FAILING DEVICE.

THERE ARE DEVICES AND SUBSYSTEMS THAT USE MORE THAN ONE ADDRESS. SEE THE DEVICE PROLOG, 0.0, 1.4 AND 4.0.
THERE MAY BE SPECIAL INSTRUCTIONS FOR CONFIGURATION ERROR(S) AND OR A MACHINE CHECK.

IF THIS DOES NOT ISOLATE THE PROBLEM,
GO TO MAP 0070, ENTRY POINT A

|
452
THERE ARE TWO (2) CONFIGURATION ERRORS.

- SEE THE NOTE TO THE RIGHT

- SEE REGISTER 3 RECORDED BEFORE.
REGISTER 3 = 00XX
XX = TABLE ENTRY #

SEE REGISTER 4 RECORDED BEFORE.
REGISTER 4 = 00XX
XX = TABLE ENTRY #

AT HALT 3840 (IN HARDWARE NOT IN TABLE) THE ID WORD RECEIVED WAS IN R4. THE ADDRESS WAS IN R3 (AAXX).
AT HALT 3841 (IN TABLE NOT IN HARDWARE) R3 HAS THE TABLE ENTRY NUMBER (XXEE).
USE THIS ENTRY NUMBER AND THE TABLE IN 08.01.04 TO DETERMINE ID WORD EXPECTED.

CONFIGURATION PROGRAM ERRORS
*3840 IN HARDWARE, NOT IN TABLE
*3841 IN TABLE, NOT IN HARDWARE
*3842 ID MISMATCH
*3843 TYPE AND ID ARE INCORRECT
3844 ERROR IN READ ID REG 3 = DEVICE ADDRESS/ CC REG 4 = DEVICE ID.
*3849 BAD/NO READ ID FROM CONS.
384B CONFIGURATION CHAIN IS LONG. BYTE 02 BIT 01 IN ENTRY IS NOT CORRECT.
384D PROGRAM 38F1 TABLE IS NOT ON DISKETTE
384F DUPLICATE ADDRESS REG 2 = DEVICE ADDRESS REG 3 = TABLE ENTRY NUMBER REG 4 = TABLE ENTRY NUMBER
* REG 3 AND 4 CONTENTS REG 3 = AAEE = TABLE ENTRY AA = DEVICE ADDRESS REG 4 = IDID = DEVICE ID.

WAS THERE ONE 3840 HALT AND ONE 3841 HALT?
Y N
| |
| |
| |
| |

| |
| 453
| GO TO PAGE 158, STEP 470,
| ENTRY POINT EL.
|
454
- SEE IF THE 3840 AND 3841 ERRORS
HAVE THE SAME ID WORD.

DO THE 3840 AND 3841 ERRORS HAVE
THE SAME ID WORD?
Y N
|
| 455
| - SEE IF THE 3841 ERROR HAS AN
| ID WORD OF 0000.
|
| DID THE 3841 ERROR HAVE AN ID
| WORD OF 0000?
| Y N
| |
| | 456
| | GO TO PAGE 158, STEP 470,
| | ENTRY POINT EL.
| |
| 457
| THE 3841 ERROR HAS THE WRONG
| ADDRESS.
| THE 3840 ERROR HAS THE CORRECT
| ADDRESS.
|
| - CHANGE TABLE ENTRY TO THE
| CORRECT ADDRESS FROM REGISTER
| 3 OF THE 3840 ERROR.
| GO TO PAGE 57, STEP 173,
| ENTRY POINT MD.
|
|
|
|
|
|
|
|

458
A DEVICE IS ANSWERING TO THE WRONG ADDRESS AND FAILING TO ANSWER TO THE CORRECT ADDRESS, OR THE ADDRESS JUMPERS HAVE CHANGED.

USE THE REGISTER CONTENTS AND MAP 3880 SECTION 08.01.05 TO DETERMINE THE FAILING DEVICE.

- VERIFY THE ADDRESS JUMPERING ON THE ATTACHMENT CARD.

IS THE ADDRESS JUMPERING CORRECT ON THE CARD?
Y N

459
THE CARD IS ANSWERING TO THE WRONG ADDRESS.

- IGNORE THE CONFIGURATION ERRORS AND GO TO THE DEVICE ENTRY MAP FOR THE FAILING CARD.

THERE ARE DEVICES AND SUBSYSTEMS THAT USE MORE THAN ONE ADDRESS.

- SEE THE DEVICE PROLOG, 0.0, 1.4 AND 4.0.

THERE MAY BE SPECIAL INSTRUCTIONS FOR CONFIGURATION ERROR(S) AND OR A MACHINE CHECK.

460
THE CARD IS ANSWERING TO THE CORRECT ADDRESS.

- CORRECT THE CONFIGURATION TABLE.

IF YOU POWER OFF TO CHECK THE CARD JUMPERS, IPL AGAIN AND ENTER '6' TO ALL HALTS UNTIL HALT 382E IS IN THE DATA LEDS.
GO TO PAGE 20, STEP 056, ENTRY POINT OT.

461
- SEE THE ERROR RECORDED FROM THE DATA LAMPS.

3840 IN THE DATA LAMPS IS:
IN HARDWARE, NOT IN TABLE.

DID THE RECORDED ERROR IN THE DATA LAMPS EQUAL 3840?
Y N

462
- SEE THE ERROR RECORDED FROM THE DATA LAMPS.

3841 IN THE DATA LAMPS IS:
IN TABLE, NOT IN HARDWARE.

DID THE RECORDED ERROR IN THE DATA LAMPS EQUAL 3841?
Y N

463
- SEE THE ERROR RECORDED FROM THE DATA LAMPS.

3842 IN THE DATA LAMPS IS:
ID MISMATCH.

DID THE RECORDED ERROR IN THE DATA LAMPS EQUAL 3842?
Y N

464
- SEE THE ERROR RECORDED FROM THE DATA LAMPS.

3843 IN THE DATA LAMPS IS:
DEVICE TYPE AND ID NOT CORRECT.

DID THE RECORDED ERROR IN THE DATA LAMPS EQUAL 3843?
Y N

465
- SEE THE ERROR RECORDED FROM THE DATA LAMPS.

3844 IN THE DATA LAMPS IS:
ERROR IN READ ID.

DID THE RECORDED ERROR IN THE DATA LAMPS EQUAL 3844?
Y N

466
- SEE THE ERROR RECORDED FROM THE DATA LAMPS.

3849 IN THE DATA LAMPS IS:
ALTERNATE CONSOLE PROBLEM.

DID THE RECORDED ERROR IN THE DATA LAMPS EQUAL 3849?
Y N

467
- SEE THE ERROR RECORDED FROM THE DATA LAMPS.

384B IN THE DATA LAMPS IS:
CONFIGURATION CHAIN IS LONG.

DID THE RECORDED ERROR IN THE DATA LAMPS EQUAL 384B?
Y N

468
- SEE THE ERROR RECORDED FROM THE DATA LAMPS.

384D IN THE DATA LAMPS IS:
CONFIGURATION TABLE NOT ON DISKETTE.

DID THE RECORDED ERROR IN THE DATA LAMPS EQUAL 384D?
Y N

```
|
469
- SEE THE ERROR RECORDED FROM THE
  DATA LAMPS.                          384F IN THE DATA LAMPS IS:
                                       DUPLICATE ADDRESS IN TABLE.

DID THE RECORDED ERROR IN THE
DATA LAMPS EQUAL 384F?
Y N
|
| 470
| (ENTRY POINT EL)                     3802 OR 3803 IN THE DATA LAMPS
|                                      IS:
| - SEE THE DATA LAMPS.                PROGRAM OR MACHINE CHECK.
|
| IS THE ERROR IN THE DATA LAMPS
| 3802 OR 3803?
| Y N
| |
| | 471
| | - SEE THE DATA LAMPS.              3800 OR 3805 IN THE DATA LAMPS
| |                                    IS:
| |                                    PT OR RDY ENTER.
| |
| | DO THE DATA LAMPS EQUAL 3800
| | OR 3805?
| | Y N
| | |
| | | 472
| | | - SEE THE DATA LAMPS.
| | |
| | | IS THE ERROR IN THE DATA
| | | LAMPS 3813?
| | | Y N
| | | |
| | | | 473
| | | | - SEE THE DATA LAMPS.
| | | |
| | | | IS THE ERROR IN THE DATA
| | | | LAMPS 3814?
| | | | Y N
| | | | | |
| | | | | |
| | | | | |
| | | | | |
```

```
|
474
- SEE THE DATA LAMPS.

IS  THE  ERROR  IN THE DATA LAMPS
3823?
Y N
|
| 475
| - SEE THE DATA LAMPS.
|
| IS THE ERROR IN THE DATA  LAMPS
| 384B?
| Y N
| |
| | 476
| | THE RECORDED DATA LAMPS EQUAL
| | XXXX.
| |
| | - SEE   MAP   0010,   SECTION
| |   06.01.00  -  DCP  HALT LIST
| |   AND   SECTION   06.07.00  -
| |   CONFIGURATION HALT LIST.
| |
| | IF YOU  CANNOT  RECOVER  FROM
| | THE ERROR USING MAP 0010, THE
| | CONFIGURATION  PROGRAM CAN BE
| | STARTED AGAIN AS FOLLOWS:
| |
| | - PRESS THE RESET KEY.
| | - PRESS THE START KEY.
| | - WAIT ONE MINUTE.
| |
| | THE   CONFIGURATION   PROGRAM
| | WILL START AGAIN.
| | GO TO PAGE 2, STEP 001,
| | ENTRY POINT A.
| |
| |
| |
| |
| |
| |
| |
```

| | |
| | 477
| | THE RECORDED DATA LAMPS EQUAL
| | 384B.
| | ONE OR MORE OF THE CHAINED
| | ENTRIES IS LONG.
| | THE ENTRY OR ENTRIES MUST BE
| | CHANGED.
| | GO TO PAGE 57, STEP 173,
| | ENTRY POINT MD.
| |
| 478
| THE RECORDED DATA LAMPS EQUAL
| 3823.
| ENTRY NOT VALID.
|
| - ENTER ON THE CONSOLE:
| ----------
| (B) 6 (I) (I)
| 6 = RESUME
|
| RETURN TO THE STEP THAT SENT
| YOU HERE AND MAKE A CORRECT
| ENTRY.
|
479
THE RECORDED DATA LAMPS EQUAL
3814.
A COMMAND SEQUENCE HAS BEEN
STARTED FROM THE CONSOLE.

- PRESS THE DATA BUFFER KEY.
- ENTER THE DATA.
- PRESS CONSOLE INTERRUPT KEY.
- PRESS CONSOLE INTERRUPT KEY.
- RETURN TO THE STEP THAT SENT
YOU HERE AND CONTINUE.

| | |
| | 480
| | THE RECORDED DATA LAMPS EQUAL
| | 3813.
| | A COMMAND SEQUENCE HAS BEEN
| | ENTERED FROM THE CONSOLE.
| |
| | - PRESS THE CONSOLE INTERRUPT
| | KEY.
| |
| | DCP WILL EXECUTE THE COMMAND.
| |
| | - RETURN TO THE STEP THAT
| | SENT YOU HERE AND CONTINUE.
| |
| 481
| THE CONFIGURATION PROGRAM HAS
| TERMINATED.
| GO TO PAGE 2, STEP 001,
| ENTRY POINT A.
|
482
THE RECORDED DATA LAMPS EQUAL
3802 OR 3803.
THIS IS A PROGRAM OR MACHINE
CHECK.
GO TO MAP 3870, ENTRY POINT A.

|
483
THE RECORDED DATA LAMPS EQUAL 384F.

THE CONFIGURATION TABLE HAS TWO ENTRIES WITH THE SAME ADDRESS ASSIGNED.

SEE REGISTER 2 RECORDED BEFORE.
REG 2 = 00AA
AA = DEVICE ADDRESS
SEE REGISTER 3 RECORDED BEFORE.
REG 3 = 00XX
XX = TABLE ENTRY #
SEE REGISTER 4 RECORDED BEFORE.
REG 4 = 00XX
XX = TABLE ENTRY #

AN ENTRY IN THE CONFIGURATION TABLE IS NOT CORRECT. THE ENTRY THAT IS NOT CORRECT MUST BE CHANGED.
GO TO PAGE 57, STEP 173,
ENTRY POINT MD.

| 484

THE RECORDED DATA LAMPS EQUAL 384D.
THE ERROR IS THE CONFIGURATION TABLE PROGRAM 38F1 IS NOT ON THE DISKETTE.
THE 38F1 PROGRAM IS THE CONFIGURATION TABLE.

VTOC = VOLUME TABLE OF CONTENTS
THE VTOC MUST HAVE AN ENTRY U38F1.
SEE 09.00.00 - GENERAL UTILITY PROGRAM.
IF THERE IS NO ENTRY, THE PROGRAM MUST BE ADDED TO THE DISKETTE.
SEE 09.04.07 - GENERAL UTILITY PROGRAM.

- ENTER ON THE CONSOLE:

```
(B)    1F   (I)
(B)  0500   (I)  (I)
       5    = TERMINATE PROGRAM
```

- LOAD PROGRAM 38F9 AS FOLLOWS:
- ENTER ON THE CONSOLE:

```
(B)     B   (I)
(B)  38F9   (I)  (I)
     38F9 = UTILITY PROGRAM
```

- FOLLOW INSTRUCTIONS IN THE UTILITY PROGRAM.

|
485
384B - CONFIGURATION CHAIN IS TOO LONG.
THE CONFIGURATION TABLE IN STORAGE MUST BE DISPLAYED. THERE ARE MORE THAN EIGHT (8) ENTRIES CHAINED IN THE TABLE. SEE BYTE 02, BIT 01, THE CHAIN BIT, IN THE TABLE ENTRIES.

USE ENTRY NUMBER FROM TABLE TO SEE LOCATION TO DISPLAY.

ENTER ON THE CONSOLE:

- PRESS THE STOP KEY.
- PRESS THE SAR KEY.
- PRESS THE THREE (3) KEY.
- PRESS THE X KEY.
- PRESS THE X KEY.
- PRESS THE 0 KEY.
  3XX0 = THE ENTRY NUMBER

- PRESS THE STORE KEY.
- PRESS MAIN STORAGE KEY.
- RECORD THE FOLLOWING:

BYTES 00/01 ARE IN DATA LAMPS.
- PRESS MAIN STORAGE KEY.
BYTES 02/03 ARE IN DATA LAMPS.
- PRESS MAIN STORAGE KEY.
BYTES 04/05 ARE IN DATA LAMPS.
- PRESS MAIN STORAGE KEY.
BYTES 06/07 ARE IN DATA LAMPS.
- CORRECT THE CHAIN BIT ON, WHEN IT MUST BE OFF.
GO TO PAGE 57, STEP 173, ENTRY POINT MD.

TO DISPLAY THE CONFIGURATION ENTRY IN STORAGE:

TO DISPLAY ENTRY NUMBER XX	DISPLAY STORAGE LOCATIONS: FROM	TO
00	3000	300F
01	3010	301F
02	3020	302F
03	3030	303F
04	3040	304F
05	3050	305F
06	3060	306F
07	3070	307F
08	3080	308F
09	3090	309F
0A	30A0	30AF
0B	30B0	30BF
0C	30C0	30CF
0D	30D0	30DF
0E	30E0	30EF
0F	30F0	30FF
10	3100	310F
15	3150	315F
1A	31A0	31AF
20	3200	320F
XX	3XX0	3XXF

|
486
THE RECORDED DATA LAMPS EQUAL 3849, BAD OR NO RD ID TO THE ALTERNATE CONSOLE.

- SEE THE NOTE TO THE RIGHT
- SEE REGISTER 3 RECORDED BEFORE.
  REG 3 = AATT
  TT = DEVICE TYPE
  AA = DEVICE ADDRESS

THE DISKETTE HAS BEEN CONFIGURED TO INCLUDE AN ALTERNATE CONSOLE BUT THE I.D. WORD RECEIVED FROM ITS ADDRESS IS NOT THAT OF A SUPPORTED ALTERNATE CONSOLE -- OR A BAD CONDITION CODE WAS RETURNED TO THE READ I.D. COMMAND.
SEE IF THE AATT FROM REGISTER 3 IS INSTALLED.

AN ALTERNATE CONSOLE IS:	MAP/ TYPE	AA TT
4973 PRINTER	6800	AA68
4974 PRINTER	6400	AA64
5200 PRINTERS	6A00	AA6A
MULTIFUNCTION 3101-7485-4975	E600	AAE6
3101 RPQ D02350	81F0	AA81
3101 ACCA SL	E800	AAE8
3101 ACCA ML	E900	AAE9
3101 FPMLC	EA00	AAEA
4978	4500	AA45
4979	4400	AA44
4980	F900	AAF9
7485 RPQ D02350	81FX	AA81
TTY ATTACHMENT %	4000	AA40
5251/5291	E400	AAE4

IS THE AATT FROM REGISTER 3 INSTALLED?
Y N
|
| 487
| - SEE IF THE SYSTEM HAS A SUPPORTED ALTERNATE CONSOLE DEVICE AVAILABLE TO BE ASSIGNED.
|
| IS A SUPPORTED ALTERNATE CONSOLE DEVICE AVAILABLE TO BE ASSIGNED?
| Y N

| | |
| | 488
| | THE ALTERNATE CONSOLE MUST BE
| | ASSIGNED TO THE PROGRAMMER OR
| | MAINTENENCE CONSOLE.
| | GO TO PAGE 51, STEP 158,
| | ENTRY POINT AC.
| |
| 489
| THE ALTERNATE CONSOLE MUST BE
| ASSIGNED IN THE CONFIGURATION
| TABLE WITH THE CORRECT ADDRESS
| AND TYPE CODE OF THE AVAILABLE
| CONSOLE DEVICE.
| GO TO PAGE 51, STEP 158,
| ENTRY POINT AC.
|
490
THE SUPPORTED ALTERNATE CONSOLE
IS THE SUSPECT DEVICE.

- SEE THE MAP PROLOG SECTIONS FOR THE SUSPECT ATTACHMENT OR DEVICE:
- SEE 0.0 - MAP SEQUENCE.
- SEE 1.4 - PROGRAM COMMENTS.
- SEE 4.0 - PROGRAMMER COMMENTS.
- SEE 5.1 - CONFIGURATION INFORMATION.
- SEE MAP 3880, SECTION 08.00.00, FOR CONFIGURATION INFORMATION.

GO TO PAGE 173, STEP 500,
ENTRY POINT DP.

|
491
THE RECORDED DATA LAMPS EQUAL 3844, ERROR IN READ ID.

- SEE REGISTER 3 RECORDED BEFORE.
  REG 3 = AACC
  CC = CONDITION CODE
  AA = DEVICE ADDRESS

- SEE REGISTER 4 RECORDED BEFORE.
  REG 4 = IDID
  = DEVICE ID FROM READ ID

ON A READ ID, THE CONDITION CODES EXPECTED ARE:
00 = DEVICE NOT ATTACHED.
07 = SATISFACTORY.
THE DEVICE AT THE ADDRESS (AA) IN R3 RETURNED A CONDITION CODE OF (CC) FROM REGISTER 3.
NOTE
SOME SINGLE ATTACHMENT CARDS ANSWER SEVERAL ADDRESSES:
FOR EXAMPLE, TIMER, 4982 SUBSYSTEM, MULTI-LINE CONTROLLER, INTEGRATED DI DO.

IF ALL FAILING ADDRESSES ARE ON ONE CARD, COUNT THEM AS A SINGLE ERROR AT THE BASE ADDRESS.

IS THE ADDRESS RECORDED ABOVE ASSIGNED TO A DEVICE ON THE SYSTEM?
Y N
| |
| |
| |
| |
| |
| |
| |
| |

|
492
SOME DEVICE IS ANSWERING TO TWO ADDRESSES.

- UNSEAT THE ATTACHMENT CARDS ONE AT A TIME.
- IPL EACH TIME A CARD IS UNSEATED.

NOTE: TO KEEP THE POLL SEQUENCE CORRECT START UNSEATING WITH THE CARDS THAT ARE FARTHER FROM THE PROCESSING UNIT.

WHEN THE FAILING CARD HAS BEEN IDENTIFIED, TERMINATE THE CONFIGURATION PROGRAM:

- ENTER ON THE CONSOLE:

```
(B)     5   (I)  (I)
        5 = TERMINATE
```

- SEAT ALL THE UNSEATED CARDS.
- GO TO THE ENTRY MAP FOR THE FAILING DEVICE.

THERE ARE DEVICES AND SUBSYSTEMS THAT USE MORE THAN ONE ADDRESS. SEE THE DEVICE PROLOG, 0.0, 1.4 AND 4.0.
THERE MAY BE SPECIAL INSTRUCTIONS FOR CONFIGURATION ERROR(S) AND OR A MACHINE CHECK.

IF THIS DOES NOT ISOLATE THE PROBLEM,
GO TO MAP 0070, ENTRY POINT A

EACH TIME A CARD IS UNSEATED IT WILL GENERATE A 3841 HALT FOR THAT ADDRESS.
ENTER '6' TO BYPASS THE HALTS THAT ARE NOT ASSOCIATED WITH THE PROBLEM.

- ENTER ON THE CONSOLE:

```
(B)     6   (I)  (I)
        6 = RESUME
```

SEE MAP 0010, SECTION 07.01.00. PROGRAMMER CONSOLE.

493
THIS DEVICE IS THE SUSPECT DEVICE.

- SEE THE MAP PROLOG SECTIONS FOR THE SUSPECT ATTACHMENT OR DEVICE:
- SEE 0.0 - MAP SEQUENCE.
- SEE 1.4 - PROGRAM COMMENTS.
- SEE 4.0 - PROGRAMMER COMMENTS.
- SEE 5.1 - CONFIGURATION INFORMATION.
- SEE MAP 3880, SECTION 08.00.00, FOR CONFIGURATION INFORMATION.

GO TO PAGE 173, STEP 500, ENTRY POINT DP.

494
THE RECORDED DATA LAMPS EQUAL 3843, DEVICE TYPE VS READ ID ERROR.

- SEE REGISTER 3 RECORDED BEFORE.
REG 3 = AAEE
EE = TABLE ENTRY NUMBER
AA = DEVICE ADDRESS

- SEE REGISTER 4 RECORDED BEFORE.
REG 4 = IDID
= DEVICE ID FROM READ ID

DEVICE ID WORD AND DEVICE TYPE IN THE ENTRY FROM REGISTER 3 ARE NOT FOR THE SAME DEVICE.
CONFIGURATION TABLE ENTRY FROM REGISTER 3 MUST BE CHANGED TO THE CORRECT DEVICE TYPE OR DEVICE ID.
GO TO PAGE 57, STEP 173, ENTRY POINT MD.

|
495
RECORDED DATA LAMPS EQUAL 3842,
ID MISMATCH.

- SEE RECORDED REGS 3 AND 4.
REG 3 = AAEE
EE = TABLE ENTRY NUMBER
AA = DEVICE ADDRESS
REG 4 = IDID FROM READ ID.
NOTE ENTRY NUMBER FROM REG 3.
USE ENTRY NUMBER FROM TABLE TO
SEE LOCATION TO DISPLAY.

ENTER ON THE CONSOLE:

- PRESS THE STOP KEY.
- PRESS THE SAR KEY.
- PRESS THE THREE (3) KEY.
- PRESS THE X KEY.
- PRESS THE X KEY.
- PRESS THE 0 KEY.
3XX0 = THE ENTRY NUMBER

- PRESS THE STORE KEY.
- PRESS MAIN STORAGE KEY.
- RECORD THE FOLLOWING:

BYTES 00/01 ARE IN DATA LAMPS.
- PRESS MAIN STORAGE KEY.
BYTES 02/03 ARE IN DATA LAMPS.
- PRESS MAIN STORAGE KEY.
BYTES 04/05 ARE IN DATA LAMPS.
- PRESS MAIN STORAGE KEY.
BYTES 06/07 ARE IN DATA LAMPS.
COMPARE ENTRY IN STORAGE AND
INFORMATION FROM REGS 3 AND 4.

IS ID IN R4 OK FOR ADDRESS IN R3?
Y N
| |
| |
| |
| |

TO DISPLAY THE CONFIGURATION
ENTRY IN STORAGE:

TO DISPLAY ENTRY NUMBER XX	DISPLAY STORAGE LOCATIONS: FROM	TO
00	3000	300F
01	3010	301F
02	3020	302F
03	3030	303F
04	3040	304F
05	3050	305F
06	3060	306F
07	3070	307F
08	3080	308F
09	3090	309F
0A	30A0	30AF
0B	30B0	30BF
0C	30C0	30CF
0D	30D0	30DF
0E	30E0	30EF
0F	30F0	30FF
10	3100	310F
15	3150	315F
1A	31A0	31AF
20	3200	320F
XX	3XX0	3XXF

| |
| 496
| THE DEVICE IS RETURNING THE
| WRONG ID.
|
| - SEE THE MAP PROLOG SECTIONS
| FOR THE SUSPECT ATTACHMENT OR
| DEVICE:
| - SEE 0.0 - MAP SEQUENCE.
| - SEE 1.4 - PROGRAM COMMENTS.
| - SEE 4.0 - PROGRAMMER
| COMMENTS.
| - SEE 5.1 - CONFIGURATION
| INFORMATION.
| - SEE MAP 3880, SECTION
| 08.00.00, FOR CONFIGURATION
| INFORMATION.
| GO TO PAGE 173, STEP 500,
| ENTRY POINT DP.
|
497
THE CONFIGURATION TABLE WAS WRONG
ON THE DISKETTE. THE
CONFIGURATION ENTRY MUST BE
CHANGED.
GO TO PAGE 57, STEP 173,
ENTRY POINT MD.

|
498
THE RECORDED DATA LAMPS EQUAL 3841.
THE ERROR IS IN TABLE, NOT IN HARDWARE.

SEE REGISTER 3 RECORDED BEFORE.
REG 3 = AAEE
EE = TABLE ENTRY NUMBER
AA = DEVICE ADDRESS

SEE REGISTER 4 RECORDED BEFORE.
REG 4 = IDID
= DEVICE ID FROM READ ID

A READ ID TO THE ADDRESS IN R3 RETURNED AN OIO CONDITION CODE OF 00
CONDITION CODE 00 = DEVICE NOT ATTACHED.

VERIFY THAT A DEVICE IS JUMPERED TO THAT ADDRESS (RIGHTMOST BYTE IN R3 IS ENTRY NUMBER), AND USE IT TO FIND THE ENTRY IN THE TABLE IN 08.01.04. THE FIRST BYTE OF ENTRY IS THE DEVICE ADDRESS. IT MUST EQUAL THE LEFTMOST BYTE IN R3. THE SECOND BYTE OF THE ENTRY IS THE DEVICE TYPE CODE. USE IT TO FIND THE DEVICE IN THE TABLE AT 08.01.05.

DOES THIS SYSTEM HAVE A DEVICE AT THE ADDRESS IN R3?
Y N
|
| 499
| THE ENTRY MUST BE DELETED FROM THE CONFIGURATION TABLE.
| GO TO PAGE 11, STEP 029,
| ENTRY POINT DE.
|

500
(ENTRY POINT DP)

- SEE THE NOTE TO THE RIGHT

- SEE MLD VOLUME 01, PROCESSING UNIT OR EXPANSION MODULE.
- USE THE MULTIMETER.

- MEASURE ALL VOLTAGES AT THE FAILING CARD SOCKET.

ARE ALL THE VOLTAGES O.K.?
Y N

501
GO TO MAP 1470, ENTRY POINT A.

- SEE THE PROCESSING UNIT MIM FOR VOLTAGE TOLERANCES AND SETTINGS.

|
502
- TERMINATE THE CONFIGURATION PROGRAM.

- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 0500 (I) (I)
  5 = TERMINATE

THERE ARE DEVICES AND SUBSYSTEMS THAT USE MORE THAN ONE ADDRESS.

- SEE THE DEVICE PROLOG, 0.0, 1.4 AND 4.0.

THERE MAY BE SPECIAL INSTRUCTIONS FOR CONFIGURATION ERROR(S) AND OR A MACHINE CHECK.

- GO TO THE DEVICE ENTRY MAP FOR THE DEVICE AT THIS ADDRESS.
- SEE WHICH MAP YOU ARE TO RUN TO ISOLATE THE PROBLEM.

ARE YOU INSTRUCTED TO LOAD AND RUN A MAP?
Y N
|
| 503
| - FOLLOW THE INSTRUCTIONS IN
| THE MAP.
| IF NO REPAIR,
| GO TO MAP 0070, ENTRY POINT A.
|
|
|
|
|
|
|
|
|

|
504
- ENTER ON THE CONSOLE:

  (B) B (I)
  (B) XXXX (I) (I)
  XXXX = MAP NUMBER

- FOLLOW THE INSTRUCTIONS IN THE MAP.

IF NO REPAIR,
GO TO MAP 0070, ENTRY POINT A.

|
505
THE RECORDED DATA LAMPS EQUAL 3840, AN IN HARDWARE, NOT IN TABLE ERROR.

SEE REGISTER 3 RECORDED BEFORE.
REG 3 = AAEE
EE = TABLE ENTRY NUMBER
AA = DEVICE ADDRESS

SEE REGISTER 4 RECORDED BEFORE.
REG 4 = IDID
= DEVICE ID FROM READ ID

A DEVICE HAS BEEN ADDED TO THE SYSTEM OR A SINGLE DEVICE IS ANSWERING TO TWO ADDRESSES.

USE THE ID WORD IN R4, THE ADDRESS IN R3, YOUR TABLE IN SERVICE GUIDE 08.01.04, THE DEVICE TABLE AT 08.01.05, AND A PHYSICAL COUNT OF THE DEVICES OF THIS TYPE TO DETERMINE IF A DEVICE HAS BEEN ADDED TO THE SYSTEM.

HAS A DEVICE BEEN ADDED TO THE SYSTEM?
Y N
|
| 506
| A DEVICE IS ANSWERING TO TWO ADDRESSES.
| EXCHANGE THE FAILING ATTACHMENT CARD.
| - VERIFY THE REPAIR.
|
|
|
|
|
|

```
S K          CONSOLE INPUT/OUTPUT
1 R
0 1          PAPER ONLY
  7
| 6          PAGE 177 OF 183
|
| |
| 507
| A DEVICE HAS BEEN ADDED TO  THE
| SYSTEM.
| AN  ENTRY  MUST BE ADDED TO THE
| CONFIGURATION TABLE.
| GO TO PAGE 60, STEP 185,
| ENTRY POINT AD.
|
508
- ENTER ON THE CONSOLE:
  ---------------------
  (B)    1F   (I)
  (B)  0100   (I)  (I)
       01   = TERMINATE PROGRAM

DO THE DATA LAMPS EQUAL  3800  OR
3805?
Y N
|
| 509
| GO TO PAGE 158, STEP 470,
| ENTRY POINT EL.
|
510
THE  CONFIGURATION   PROGRAM   IS
TERMINATED.
GO TO MAP 0020, ENTRY POINT A.
```

511
A TWO CHANNEL SWITCH IS CABLED TO THE SYSTEM.

- ENTER ON THE CONSOLE:

```
(B)    1F   (I)
(B)  0400   (I)  (I)
     04   = BYPASS TWO CHANNEL
            SWITCH ERROR(S)
```

DO THE DATA LAMPS EQUAL 3800 OR 3805?
Y N
|
| 512
| THERE ARE CONFIGURATION ERROR(S).
| GO TO PAGE 11, STEP 029, ENTRY POINT DE.
|
513
THERE ARE NO TWO CHANNEL SWITCH CONFIGURATION ERRORS. THE CONFIGURATION PROGRAM IS TERMINATED.

- SEE IF YOU WANT TO USE THE CONFIGURATION PROGRAM.

DO YOU WANT TO USE THE CONFIGURATION PROGRAM?
Y N
|
| 514
| GO TO MAP 0020, ENTRY POINT A.
|
|
|
|
|
|
|

515
YOU WANT TO USE THE
CONFIGURATION PROGRAM.

- ENTER ON THE CONSOLE:

  (B) B (I)
  (B) 38F0 (I) (I)
  38F0 = CONFIGURATION
  PROGRAM

GO TO STEP 517,
ENTRY POINT FE.

516
- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 0300 (I) (I)
  03 = OPTION TABLE

GO TO PAGE 20, STEP 056,
ENTRY POINT OT.

517
(ENTRY POINT FE)

- SEE THE DATA LAMPS.

3800 IN THE DATA LAMPS IS:
READY ENTER.
3805 IN THE DATA LAMPS IS:
PROGRAM TERMINATED.

DO THE DATA LAMPS EQUAL 3800 OR
3805?
Y N

```
|
518
- SEE THE DATA LAMPS.                    3822 IN THE DATA LAMPS IS:
                                         CONFIGURATION ERROR(S)
                                         01=TERMINATE.
                                         02=DISPLAY ERROR(S) IN DATA
                                         LAMPS.
                                         03=OPTION TABLE.
                                         04=BYPASS 2 CHANNEL SWITCH
                                         ERRORS.

DO THE DATA LAMPS EQUAL 3822?
Y N
|
| 519
| - SEE THE DATA LAMPS.                 382A IN THE DATA LAMPS IS:
|                                       DISCONNECT CUSTOMER INTERFACE.
|
| DO THE DATA LAMPS EQUAL 382A?
| Y N
| |
| | 520
| | - SEE THE DATA LAMPS.               382E IN THE DATA LAMPS IS:
| |                                     THE OPTION TABLE IS AVAILABLE TO
| |                                     YOU.
| |
| | DO THE DATA LAMPS EQUAL 382E?
| | Y N
| | |
| | | 521
| | | - SEE THE DATA LAMPS.           3838 IN THE DATA LAMPS IS:
| | |                                 THERE IS AN RPQ INSTALLED.
| | |
| | | DO THE DATA LAMPS EQUAL
| | | 3838?
| | | Y N
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
```

```
| | | |
| | | 522
| | | - ENTER ON THE CONSOLE:
| | |   ----------------------
| | | - PRESS THE LOAD KEY
| | | - WAIT ONE MINUTE.
| | |
| | | GO TO PAGE 179,
| | | STEP 517,
| | | ENTRY POINT FE.
| | |
| | 523
| | - ENTER ON THE CONSOLE:
| |   ----------------------
| |   (B)     6   (I) (I)
| |           6 = RESUME
| |
| | GO TO PAGE 179, STEP 517,
| | ENTRY POINT FE.
| |
| 524
| THE  OPTION  TABLE IS AVAILABLE
| TO YOU.
| GO TO PAGE 20, STEP 056,
| ENTRY POINT OT.
|
525
- ENTER ON THE CONSOLE:
  ----------------------
  (B)     6   (I) (I)
          6 = RESUME

GO TO PAGE 179, STEP 517,
ENTRY POINT FE.
```

526
- ENTER ON THE CONSOLE:

  (B) 1F (I)
  (B) 0300 (I) (I)
  03 = OPTION TABLE

GO TO PAGE 20, STEP 056,
ENTRY POINT OT.

527
THE CONFIGURATION PROGRAM IS NOT LOADED. TO LOAD THE CONFIGURATION PROGRAM:

- ENTER ON THE CONSOLE:

  (B) B (I)
  (B) 38F0 (I) (I)
  38F0 = CONFIGURATION PROGRAM

GO TO PAGE 179, STEP 517,
ENTRY POINT FE.

528
(ENTRY POINT YY)

SEE THE DATA LAMPS

DO THE DATA LAMPS EQUAL 3800 OR
3805?
Y N
|
| 529
| GO TO PAGE 64, STEP 199,
| ENTRY POINT ST.
|
530
- PRESS THE LOAD KEY.
- WAIT ONE MINUTE.
GO TO MAP 3881, ENTRY POINT A.