ENTRY POINTS

FROM | ENTER THIS MAP
---------+--------------------------
MAP | ENTRY   PAGE   STEP
NUMBER | POINT   NUMBER NUMBER
---------+--------------------------

MAP NUMBER	ENTRY POINT	PAGE NUMBER	STEP NUMBER
0020	A	1	001
0020	F	54	371
0020	G	53	364
0020	I	54	367
0020	AC	18	112
0020	AD	20	119
0020	AS	23	135
0020	AT	16	099
0020	CA	23	134
0020	CB	24	137
0020	CD	24	138
0020	CE	4	015
0020	CP	24	139
0020	DD	8	037
0020	DE	20	118
0020	DP	58	414
0020	EP	46	309
0020	ER	52	353
0020	ET	44	295
0020	FM	33	202
0020	FP	23	131
0020	IS	49	328
0020	MD	19	115
0020	MF	24	136
0020	MG	12	070
0020	MO	39	252
0020	MT	53	359
0020	NO	39	253
0020	OE	22	130
0020	OS	49	332
0020	OT	5	020
0020	PA	26	151
0020	PB	27	154
0020	PC	26	150
0020	PI	27	153
0020	PJ	27	152
0020	PO	27	156
0020	PR	27	155
0020	PS	28	157
0020	RD	11	064
0020	SC	22	128
0020	SS	16	095
0020	TA	37	236
0020	TB	32	193
0020	TC	13	079
0020	TD	22	129
0020	TE	31	186
0020	TF	40	268
0020	TG	42	284
0020	TH	44	294
0020	TI	35	223
0020	TM	9	044
0020	TP	26	147
0020	TU	23	132
0020	TV	38	246
0020	WC	12	066
0020	WD	9	049
0020	WE	10	053

EXIT POINTS

EXIT THIS MAP | TO
---------------+-------------------
PAGE   STEP | MAP   ENTRY
NUMBER NUMBER | NUMBER   POINT
---------------+-------------------

PAGE NUMBER	STEP NUMBER	MAP NUMBER	ENTRY POINT
4	017	0020	A
19	114	0020	A
54	373	0070	A
54	374	0070	A
54	376	0070	A
54	377	0070	A
56	399	0070	A
57	401	0070	A
59	417	0070	A
59	418	0070	A
59	421	0070	A
60	426	0070	A
54	370	1470	A
58	415	1470	A
2	004	3881	A
2	003	3882	A

001
(ENTRY POINT A)

THIS IS A PAPER ONLY MAP.
THERE IS NO ASSOCIATED MAP PROGRAM.
(SEE MAP 0010, SECTION 05.00.00).
GO TO THE ENTRY POINT AND FOLLOW THE MAP.

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

SEE IF THE ALTERNATE CONSOLE BEING USED BY YOU
IS A PRINTER WITHOUT A KEYBOARD.

IS THE ALTERNATE CONSOLE A PRINTER WITHOUT A
KEYBOARD?
Y N

| |
| | 002
| | SEE IF THE ALTERNATE CONSOLE BEING USED BY
| | YOU IS A PRINTER OR DISPLAY WITH A KEYBOARD.
| |
| | IS THE ALTERNATE CONSOLE A PRINTER OR
| | DISPLAY WITH A KEYBOARD?
| | Y N

THIS MAP IS A GUIDE FOR USING THE
CONFIGURATION PROGRAM WITH THE CONSOLE
FUNCTION ASSIGNED TO A PRINTER (WITHOUT
KEYBOARD).

BEFORE USING THIS MAP, READ THE MAP 3880,
SECTION 08.00.00 TO UNDERSTAND THE FUNCTION
AND FLOW OF THE CONFIGURATION PROGRAM.

2 2 2
A B C

003
A PROGRAMMER OR C E CONSOLE IS THE INPUT
DEVICE:
GO TO MAP 3882, ENTRY POINT A.

004
IF THE ALTERNATE CONSOLE IS A PRINTER OR
DISPLAY WITH A KEYBOARD,
GO TO MAP 3881, ENTRY POINT A.

005
- SEE THE PRINTER MESSAGE.

CONFIGURATION ERROR
01 = TERMINATE
02 = PRINT ALL ERRORS
03 = PRINT OPTIONS
04 = BYPASS TCS ERRORS
ENTER

IS THIS MESSAGE ON THE PRINTER?
Y N

  006
  - SEE THE PRINTER MESSAGE.

  '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 TABLE FROM A NO IPL DISKETTE
  FUNCTION
  ENTER'

  IS THIS MESSAGE ON THE PRINTER?
  Y N

    007
    - SEE THE PRINTER MESSAGE.

    'ALTERNATE CONSOLE DEVICE ADDRESS AND TYPE
    ENTER'

    IS THIS MESSAGE ON THE PRINTER?
    Y N

      008
      - SEE THE PRINTER MESSAGE.

      FIRST AUTO CONFIGURATION
      INNER STORAGE
      03=16K, 07=32K, 0B=48K, 0F=64K

      IS THIS MESSAGE ON THE PRINTER?
      Y N

        009
        THE CONFIGURATION PROGRAM (38F0) HAS
        NOT BEEN LOADED.

        - ENTER ON THE CONSOLE:

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

        WAIT FOR A CONFIGURATION MESSAGE TO
        PRINT.
        GO TO PAGE 1, STEP 001,
        ENTRY POINT A.

      010
      GO TO PAGE 22, STEP 129,
      ENTRY POINT TD.

3 3 3
D E F

011
ENTER THE ALTERNATE CONSOLE DEVICE ADDRESS
AND TYPE.
NOTE:
----:

SUPPORTED ALTERNATE CONSOLE TYPE IS:	DEVICE ADDRESS AND TYPE (AATT)
PROGRAMMER OR C E CONSOLE	0000
4973 PRINTER	AA68
4974 PRINTER	AA64
1310 MULTIFUNCTION	AAE6 *
3101 DISPLAY	AA81 *
3101 DISPLAY	AAEA *
4978 DISPLAY	AA45
4979 DISPLAY	AA44
TTY TYPE	AA40 *
5251 DISPLAY	AAE4
	XY00

```
AA = DEVICE ADDRESS
 X = CABLE ADDRESS  (0 - 3)
 Y = STATION ADDRESS (0 - 6)
```

```
* SWITCH SETTING CHECKLIST WHEN
SUPPORTED BY TTY WITH EIA INTERFACE
12345678 12345678 12345678 12345678
  X         X      X XX      X X
XX XXXXX  XXXXXXX  X  XXXX   XX XXXX
```

```
* SWITCH SETTING CHECKLIST WHEN
SUPPORTED BY FPMLC, RPQ D02350 AND
1310 MULTI FUNCTION.
12345678 12345678 12345678 12345678
 X XX      XX      XXXX      X X
X X XXX    XX    XXXXXX  XXXX  XX XXXX
X = SWITCH POSITION.
    BAUD RATE IS 9600 IN THE ABOVE.
```

- ENTER ON THE CONSOLE:

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

THE CONFIGURATION PROGRAM WILL ASSIGN THE
ALTERNATE CONSOLE AND TERMINATE. THE
CONFIGURATION PROGRAM MUST NOW BE LOADED.

- ENTER ON THE CONSOLE:

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

THE CONFIGURATION PROGRAM 38F0 WILL LOAD.
GO TO PAGE 1, STEP 001,
ENTRY POINT A.

012
GO TO PAGE 5, STEP 020, ENTRY POINT OT.

013
- ENTER ON THE CONSOLE:

```
(B)    1F        (I)
(B) 0200         (I) (I)
    02  =        PRINT CONFIGURATION ERRORS
```

WAIT FOR THE CONFIGURATION ERROR(S) TO PRINT.
SEE THE CONFIGURATION ERRORS AS THEY ARE
PRINTED. SEE IF LESS THAN TEN (10) ERRORS
PRINT.

DO LESS THAN TEN CONFIGURATION ERRORS PRINT?
Y N

014
THERE ARE MORE THAN TEN ERRORS PRINTED.
THIS MAP DOES NOT NEED MORE THAN TEN ERRORS.
TO STOP THE PRINTING OF ALL THESE ERRORS:

- ENTER ON THE PROGRAMMER OR C E CONSOLE

- PRESS THE RESET PUSHBUTTON.
- PRESS THE START PUSHBUTTON.

WAIT FOR THE FOLLOWING CONFIGURATION ERROR
MESSAGE:

'CONFIGURATION ERROR(S)
 01=TERMINATE
 02=PRINT ALL ERRORS
 03=PRINT OPTIONS
 04=BYPASS TCS ERROR(S)
 ENTER'

- ENTER ON THE CONSOLE:

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

- WAIT ONE MINUTE
GO TO STEP 015, ENTRY POINT CE.

015
(ENTRY POINT CE)

- ENTER ON THE CONSOLE:

  (B)   1F   (I)
  (B) 0100   (I) (I)
        01 =   PRINT TABLE

WAIT FOR THE CONFIGURATION TABLE TO PRINT.

COMPARE THE PRINTED CONFIGURATION TABLE TO THE
INSTALLED HARDWARE. IF DEVICES ARE ADDED OR
REMOVED,OR   OPTION/ADDRESS   JUMPER(S)   ARE
CHANGED,   THE CONFIGURATION TABLE MUST BE
CHANGED.

- ANSWER THE FOLLOWING QUESTION 'NO'.

DOES THE SYSTEM HARDWARE AND CONFIGURATION
TABLE COMPARE?
Y N
| |
| | 016
| |
| | IS THIS THE CORRECT DISKETTE FOR THIS
| | SYSTEM?
| | Y N
| | | |
| | | | 017
| | | | - USE THE CORRECT DISKETTE   FOR   THIS
| | | | SYSTEM.
| | | | GO TO MAP 0020, ENTRY POINT A.
| | |
| | | 018
| | | FUNCTION '0B' WILL BYPASS THE PRINTING OF
| | | THE 'OPTION TABLE'. IT IS NOT NECESSARY TO
| | | PRINT THE 'OPTION TABLE', BECAUSE A PRINTER
| | | IS THE OUTPUT DEVICE.
| | |
| | | - ENTER ON THE CONSOLE:
| | | ---------------------
| | | (B)   1F   (I)
| | | (B) 0B00   (I) (I)
| | | 0B =   BYPASS OPTION TABLE
| | |
| | | IS THE ACTION COMPLETE?
| | | Y N
| | | | |
| | | | | 019
| | | | | COMPLETE THE ACTION AND
| | | | | GO TO PAGE 5, STEP 020,
| | | | | ENTRY POINT OT.

020
(ENTRY POINT OT)

SEE THE NOTE TO THE RIGHT.

'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 TABLE FROM A NO IPL DISKETTE
FUNCTION
ENTER'

OPTION DESCRIPTION:
----
01 = PRINT TABLE
        TO PRINT OR DISPLAY THE TABLE.
02 = DELETE
        TO DELETE AN ENTRY FROM THE TABLE.
03 = CHANGE
        TO CHANGE AN ENTRY IN THE TABLE.
04 = ALTERNATE CONSOLE
        TO CHANGE THE ALTERNATE CONSOLE ASSIGNED.
05 = TERMINATE
        TO TERMINATE THE CONFIGURATION PROGRAM.
06 = PROCESSING UNIT TYPE
        TO ENTER THE PROCESSING UNIT TYPE.
07 = TWO CHANNEL SWITCH
        TO ADD A TWO CHANNEL SWITCH ENTRY.
08 = STORAGE SIZE
        TO ENTER THE STORAGE SIZE.
09 = PRINT SYSTEM EQUIPMENT
        TO PRINT OR DISPLAY A LIST OF ALL
        THE DEVICES ON THE SYSTEM BY:
        DA   = DEVICE ADDRESS.
        RID = READ ID.
        NAME = NAME OF DEVICE.
0A = ADD
        TO ADD AN ENTRY TO THE TABLE.
0B = BYPASS OPTION TABLE
        TO BYPASS THE PRINT OR DISPLAY
        OF THE OPTION TABLE.
0C = CONFIGURE SYSTEM
        TO CONFIGURE THE SYSTEM WITH THE PROGRAM.
0D = DISKETTE WRITE
        TO WRITE THE TABLE ON THE DISKETTE .
0E = OEMI
        TO ADD AN OEMI ENTRY IN THE TABLE.
0F = FLOATING POINT
        TO ADD A FLOATING POINT ENTRY.
10 = COMBINE
        TO COMBINE CONFIGURATION TABLES.
20 = PRINT A NO IPL DISKETTE TABLE
        TO PRINT CONFIGURATION TABLE
        FROM A NO IPL DISKETTE.

IF YOU HAVE A COPY OF THE CONFIGURATION TABLE,
- ANSWER THE FOLLOWING QUESTION 'NO'.

IF YOU DO NOT HAVE A COPY OF THE CONFIGURATION
TABLE,
- ANSWER THE FOLLOWING QUESTION 'YES'.

THE CONFIGURATION TABLE IS NOT CORRECT.
SEE WHAT IS NOT CORRECT IN THE CONFIGURATION
TABLE.   SEE WHAT MUST BE DONE TO CORRECT THE
CONFIGURATION TABLE.
SEE THE CONFIGURATION TABLE ON THE PRINTER.
USE THE CONFIGURATION TABLE ENTRY DESCRIPTIONS
IN THE MAP PROLOG, 5.1, AND/OR MAP 3880,
SECTION 08.01.04, AND THE DEVICE TABLE IN
SECTION 08.01.05 TO MAKE THE NECESSARY CHANGES
TO THE CONFIGURATION TABLE AS PRINTED.

DO YOU WANT TO PRINT THE CONFIGURATION TABLE?
Y N
 │ 021
 │ FUNCTION 09 WILL PRINT THE SYSTEM EQUIPMENT.
 │ A LIST OF ALL DEVICE(S) ON THE SYSTEM WILL
 │ PRINT, AS SEEN BELOW:
 │
 │ DA   RID   NAME
 │ DEVICE ADDRESS   READ ID   NAME OF DEVICE
 │
 │ DO YOU WANT TO PRINT THE SYSTEM EQUIPMENT?
 │ Y N
 │ │ 022
 │ │ IF THERE ARE MANY CHANGES TO MAKE TO THE
 │ │ CONFIGURATION TABLE, IT MAY BE EASIER TO
 │ │ CONFIGURE THE SYSTEM AGAIN.
 │ │
 │ │ DO YOU WANT TO CONFIGURE THE SYSTEM?
 │ │ Y N
 │ │ │ 023
 │ │ │ DO YOU WANT TO 'ADD' AN ENTRY TO THE
 │ │ │ CONFIGURATION TABLE?
 │ │ │ Y N
 │ │ │ │ 024
 │ │ │ │ DO YOU WANT TO 'DELETE' AN ENTRY FROM
 │ │ │ │ THE CONFIGURATION TABLE?
 │ │ │ │ Y N
 │ │ │ │ │ │
 │ │ │ │ │ │
 │ │ │ │ │ │
 │ │ │ │ │ │
 │ │ │ │ │ │
 │ │ │ │ │ │
 │ │ │ │ │ │
5 5 2 2 2
0 0 1 0 0 6
L M N P Q R

025
DO YOU WANT TO 'CHANGE' AN ENTRY IN THE
CONFIGURATION TABLE?
Y N

026
DO YOU WANT TO CHANGE THE ALTERNATE CONSOLE
ASSIGNED IN THE TABLE?
Y N

027
DO YOU WANT TO CHANGE THE STORAGE SIZE IN
THE TABLE?
Y N

028
DO YOU WANT TO CHANGE THE PROCESSING
UNIT TYPE IN THE TABLE?
Y N

029
DO YOU WANT TO ADD A FLOATING POINT
ENTRY IN THE TABLE?
Y N

1 1 1 1 1
9 7 6 5 5 7
S T U V W X

030
DO YOU WANT TO ADD AN OEMI ENTRY IN THE TABLE?
Y N

  031
  DO YOU WANT TO MAKE TWO CHANNEL SWITCH
  ENTRIES IN THE TABLE?
  Y N

    032
    YOU CAN COMBINE A CONFIGURATION TABLE FROM
    A DISKETTE TO THE CONFIGURATION TABLE ON
    THE BASIC DISKETTE.
    (ONE DISKETTE MUST ALWAYS BE A 'BASIC'
    DISKETTE)

    DO YOU WANT TO COMBINE TWO CONFIGURATION
    TABLES?
    Y N

      033
      DO YOU WANT TO WRITE THE CONFIGURATION
      TABLE TO THE DISKETTE?
      Y N

        034
        DO YOU WANT TO TERMINATE THE
        CONFIGURATION PROGRAM?
        Y N

1 1 1 9 9 8
4 3 2 A A A
Y Z A B C D

035
YOU CAN PRINT THE CONFIGURATION TABLE THAT IS
ON ANY DIAGNOSTIC DISKETTE. THE DISKETTE CAN
BE ONE THAT YOU CANNOT IPL.

DO YOU WANT TO PRINT A CONFIGURATION TABLE?
Y N
```
  036
  - ENTER ON THE CONSOLE:
    ---------------------
    (B)   1F        (I)
    (B) 0X00        (I) (I)
        0X =        A FUNCTION

    FOLLOW  THE DIRECTIONS ON THE PRINTER.  LEFT
    ALIGN YOUR RESPONSE.
    GO TO PAGE 5, STEP 020, ENTRY POINT OT.
```
037
(ENTRY POINT DD)

YOU WANT TO PRINT A CONFIGURATION TABLE FROM A
DIAGNOSTIC DISKETTE. THE DISKETTE DOES NOT
HAVE TO BE A BASIC DISKETTE.

- ENTER ON THE CONSOLE:

  (B)   1F   (I)
  (B) 2000   (I) (I)
      20 =   PRINT TABLE

AT THE ALTERNATE CONSOLE MESSAGE

ENTER 01 WHEN FROM DISKETTE IS LOADED'

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

IS THE ACTION COMPLETE?
Y N
```
  038
  COMPLETE  THE  ACTION  AND  CONTINUE  IN  THE
  'YES' COLUMN
```
039
- ENTER ON THE CONSOLE:

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

WAIT ONE MINUTE.
THE   CONFIGURATION   TABLE FROM THE 'FROM'
DISKETTE WILL PRINT.
AT THE ALTERNATE CONSOLE MESSAGE:

'ENTER 01 WHEN BASIC DISKETTE IS LOADED'

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

IS THE ACTION COMPLETE?
Y N
```
  040
  COMPLETE THE  ACTION  AND  CONTINUE  IN  THE
  'YES' COLUMN
```
041
- ENTER ON THE CONSOLE:

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

DO YOU WANT TO PRINT ANOTHER TABLE?
Y N
```
  042
  GO TO PAGE 5, STEP 020, ENTRY POINT OT.
```
043
GO TO STEP 037, ENTRY POINT DD.

044
(ENTRY POINT TM)

YOU WANT TO TERMINATE THE CONFIGURATION
PROGRAM.

- ENTER ON THE CONSOLE:

  (B)   1F   (I)
  (B) 0500   (I) (I)

       05 =   TERMINATE

SEE THE PRINTER FOR THIS MESSAGE:
'CHANGES NOT WRITTEN 0D = WRITE DISKETTE 05
= TERMINATE.'

IS THIS MESSAGE ON THE PRINTER?
Y N

  045
  THE CONFIGURATION PROGRAM IS TERMINATED.
  RETURN TO THE MAP THAT SENT YOU HERE.

046
YOU HAVE MADE CHANGES OR ADDITIONS TO THE
CONFIGURATION TABLE. IF YOU TERMINATE THE
PROGRAM NOW, ALL CHANGES AND ADDITIONS WILL
BE LOST. IF YOU WANT TO WRITE THE
CONFIGURATION TABLE TO THE DISKETTE,
- ANSWER THE FOLLOWING QUESTION 'YES'.

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

  047
  - ENTER ON THE CONSOLE:

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

  ALL ADDITIONS AND CHANGES MADE ARE LOST.
  THE CONFIGURATION PROGRAM IS TERMINATED.

  - RETURN TO THE MAP THAT SENT YOU HERE.

048
YOU WANT TO WRITE THE TABLE IN STORAGE TO
THE DISKETTE.
GO TO STEP 049, ENTRY POINT WD.

049
(ENTRY POINT WD)

- ENTER ON THE CONSOLE:

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

- WAIT ONE MINUTE.

SEE IF YOU HAVE CHANGED THE STORAGE SIZE IN
THIS MAP. IF YOU HAVE USED FUNCTION '08', THE
STORAGE SIZE IS CHANGED. IF YOU USED FUNCTION
'0C', CONFIGURE SYSTEM, THE STORAGE SIZE MAY
BE CHANGED.

HAVE YOU USED FUNCTION '08'?
Y N

  050
  - ENTER ON THE CONSOLE:

    (B)   1F   (I)
    (B) 0500   (I) (I)
         05 =   TERMINATE
  GO TO PAGE 10, STEP 053, ENTRY POINT WE.

051
SEE THE BASIC CONSOLE.

- PRESS THE LOAD PUSHBUTTON.
- WAIT ONE MINUTE.

IS THE ACTION COMPLETE?
Y N

  052
  COMPLETE THE ACTION AND:
  GO TO PAGE 10, STEP 053, ENTRY POINT WE.

1
0
A
E

053
(ENTRY POINT WE)

SEE THE PRINTER MESSAGE:

'CONFIGURATION ERROR(S)
01=TERMINATE
02=PRINT ALL ERROR(S)
03=PRINT OPTIONS
04=BYPASS TCS ERRORS
ENTER'

IS THIS MESSAGE ON THE PRINTER?
Y N
|
| 054
| SEE THE PRINTER MESSAGE:
| '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 TABLE FROM A NO IPL DISKETTE
| FUNCTION
| ENTER'
|
| IS THIS MESSAGE ON THE PRINTER?
| Y N
| |
| | 055
| | SEE THE PRINTER MESSAGE:
| | 'RDY
| | ENTER'
| |
| | IS THIS MESSAGE ON THE PRINTER?
| | Y N
| | |
| | | 056
| | | 'PT
| | | ENTER'
| | |
| | | - ENTER ON THE CONSOLE:
| | | ---------------------
| | | (B)   B   (I)
| | | (B) 38F0   (I) (I)
| | | 38F0 =   CONFIGURATION
| | | PROGRAM
| | |
| | | WAIT FOR THE CONFIGURATION PROGRAM 38F0
| | | TO LOAD.
| | | GO TO STEP 053,
| | | ENTRY POINT WE.
| | |
| | 057
| | - ENTER ON THE CONSOLE:
| | ---------------------
| | (B)   B   (I)
| | (B) 38F0   (I) (I)
| | 38F0 =   CONFIGURATION
| | PROGRAM
| |
| | WAIT FOR THE CONFIGURATION PROGRAM 38F0 TO
| | LOAD.
| | GO TO STEP 053,
| | ENTRY POINT WE.
| |
| 058
| SEE IF AN UPDATED CONFIGURATION TABLE HAS
| BEEN PRINTED.
|
| HAS AN UPDATED TABLE BEEN PRINTED?
| Y N
| |
| | 059
| | - ENTER ON THE CONSOLE:
| | ---------------------
| | (B)   1F   (I)
| | (B) 0100   (I) (I)
| | 01 =   PRINT TABLE
| |
| | WAIT FOR THE CONFIGURATION TABLE TO PRINT.
| | CONTINUE IN THE YES COLUMN.

1 1
3 1
A A
F G

060
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 COMMUNICATION SYSTEM DEVICE DATA.
3. 4982 SENSOR I/O (EVEN IF NO FEATURE CARD(S) IS/ARE INSTALLED).
4. TYPE CODE (BYTE 01) FOR ANY RPQ DEVICE EXCEPT THE 4978 DISPLAY.
5. THE 7900 FEATURE TWO CHANNEL SWITCH.

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.

IS THE CONFIGURATION TABLE CORRECT?
Y N

  061
  THE CONFIGURATION TABLE IS NOT CORRECT.
  DETERMINE THE ACTION YOU MUST TAKE TO CORRECT THE TABLE.
  GO TO PAGE 5, STEP 020, ENTRY POINT OT.

062
SEE IF THERE ARE OTHER DISKETTES TO BE WRITTEN WITH THE UPDATED CONFIGURATION TABLE.

ARE THERE OTHER DISKETTES TO WRITE?
Y N

  063
  GO TO PAGE 9, STEP 044, ENTRY POINT TM.

064
(ENTRY POINT RD)

THE CONFIGURATION TABLE IS CORRECT. IT MUST NOW BE WRITTEN ON ALL THE OTHER DISKETTES WITH THE SYSTEM, INCLUDING:
1. THE SYSTEM TEST DISKETTE.
2. ALL RPQ DISKETTES.
3. ALL OTHER DISKETTES.

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

- ENTER ON THE CONSOLE:

  (B)   IF   (I)
  (B) 0D00   (I) (I)
         0D =   WRITE DISKETTE

AT THE PRINTER MESSAGE:
'WRITE CONFIGURATION TABLE ON OTHER DISKETTE
 0D=WRITE DISKETTE, 05=TERMINATE
 ENTER'

SEE IF THERE ARE OTHER DISKETTES TO BE WRITTEN.

ARE THERE OTHER DISKETTES TO WRITE?
Y N

  065
  GO TO PAGE 9, STEP 044, ENTRY POINT TM.

1
2
A
H

```
A  A  A        PRINTER, NO KEYBOARD                    MAP 3883-12
A  F  H
7  1  1        PAPER ONLY MAP
   0  1
               PAGE  12 OF  60
```

```
066
(ENTRY POINT WC)

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

- ENTER ON THE CONSOLE:
  ----------------------
  (B)    1F          (I)
  (B)  0D00          (I) (I)
         0D =        DISKETTE WRITE

WAIT ONE MINUTE.

IS THIS THE LAST DISKETTE TO WRITE?
Y N
  |
  | 067
  | GO TO STEP 066,
  | ENTRY POINT WC.
  |
  068
  GO TO PAGE 9, STEP 044,
  ENTRY POINT TM.
069
THE CONFIGURATION TABLE IS NOT CORRECT.

- ENTER ON THE CONSOLE:
  ----------------------
  (B)    1F          (I)
  (B)  0200          (I) (I)
         02 =        PRINT ERROR(S)

DETERMINE  THE  ACTION  YOU  MUST  TAKE   TO
CORRECT THE TABLE.
GO TO PAGE 5, STEP 020, ENTRY POINT OT.
070
(ENTRY POINT MG)

YOU WANT TO COMBINE A CONFIGURATION TABLE FROM
A  DISKETTE   TO THE CONFIGURATION TABLE OF THE
BASIC DISKETTE P/N 1635001.

- ENTER ON THE CONSOLE:
  ----------------------
  (B)    1F          (I)
  (B)  1000          (I) (I)
         10 =        COMBINE
AT THE PRINTER MESSAGE:
'COMBINE CONFIGURATION TABLES
ENTER 01 WHEN FROM DISKETTE IS LOADED'

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

IS THE ACTION COMPLETE?
Y N
|
| 071
| COMPLETE THE  ACTION  AND  CONTINUE  IN  THE
| 'YES' COLUMN
072
- ENTER ON THE CONSOLE:
  ----------------------
  (B)    1F          (I)
  (B)  0100          (I) (I)
         01 =        FROM DISKETTE LOADED

AT THE PRINTER MESSAGE:
'ENTER 01 WHEN BASIC DISKETTE IS LOADED'

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

IS THE ACTION COMPLETE?
Y N
  |
  | 073
  | COMPLETE  THE  ACTION  AND  CONTINUE  IN  THE
  | 'YES' COLUMN
  |
  |
```

Z A   PRINTER, NO KEYBOARD   MAP 3883-13
7 J
  1   PAPER ONLY MAP
  2
        PAGE 13 OF 60

074
- ENTER ON THE CONSOLE:

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

- WAIT ONE MINUTE.

THE CONFIGURATION TABLES ARE COMBINED ON THE
BASIC DISKETTE.
SEE THE PRINTER MESSAGE.

'ERROR - ENTRIES DO NOT COMPARE'

IS THIS MESSAGE ON THE PRINTER?
Y N

  075
  THE CONFIGURATION TABLES ARE COMBINED.
  GO TO PAGE 11, STEP 064,
  ENTRY POINT RD.

076
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.

IS THE 'TO' ERROR(S) ENTRY CORRECT?
Y N

  077
  THE ERROR ENTRY MUST BE CORRECTED.
  GO TO PAGE 5, STEP 020,
  ENTRY POINT OT.

078
GO TO PAGE 11, STEP 064, ENTRY POINT RD.

079
(ENTRY POINT TC)

YOU WANT TO MAKE TWO CHANNEL SWITCH ENTRIES IN
THE CONFIGURATION TABLE.

NOTE ALL ATTACHMENT OR DEVICE CARD(S) THAT ARE
INSTALLED IN THE SAME BOARD AS THE TWO CHANNEL
SWITCH CARD.

DO NOT INCLUDE THE TWO CHANNEL SWITCH IN THIS
LIST.

NOTE ALL ATTACHMENT OR DEVICE CARD(S) THAT ARE
INSTALLED OUTBOARD OF THE TWO CHANNEL SWITCH,
IN AN EXPANSION BOARD.

NOTE THE ENTRY NUMBER IN THE CONFIGURATION
TABLE OF THESE ATTACHMENT OR DEVICE CARD(S).

THESE ARE THE 'COMMON I/O' ATTACHMENT(S) AND
DEVICE(S). SEE IF THE 'COMMON I/O' HAVE BYTE
02 BIT 06 ON IN THEIR ENTRIES.

DO THE 'COMMON I/O' ENTRIES IN THE TABLE HAVE
BYTE 02 BIT 06 ON?
Y N

COMMON I/O

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

THE COMMON I/O ENTRIES IN THE CONFIGURATION
TABLE MUST HAVE BYTE 02 BIT 06 SET TO A ONE
(1). THE TWO CHANNEL SWITCH ENTRY IN THE
CONFIGURATION TABLE MUST HAVE BYTE 02 BIT 06
SET TO A ZERO (0), UNLESS MORE THAN ONE TWO
CHANNEL SWITCH IS INSTALLED.
SEE MAP PROLOG 3E00 SECTION 5.1, CONFIGURATION
INFORMATION.

1 1
4 4
A A
K L

10JUL81   PN6837826
EC994400   PEC987889
            MAP 3883-13

```
080
THE 'COMMON I/O' CONFIGURATION TABLE ENTRY
NUMBERS MUST BE ENTERED WITH THE TWO
CHANNEL SWITCH '07' OPTION, ONE AT A TIME,
UNTIL ALL THE 'COMMON I/O' ENTRIES ARE
DESCRIBED IN THE TABLE.

- ENTER ON THE CONSOLE:
  ---------------------
  (B)   1F        (I)
  (B) 0700        (I) (I)
       07 =       TWO CHANNEL SWITCH

AT THE PRINTED MESSAGE:
'TCS
 ENTRY NUMBER
ENTER'

- ENTER ON THE CONSOLE:
  ---------------------
  (B)   1F        (I)
  (B) XX00        (I) (I)
   * XX =         ENTRY NUMBER FROM TABLE

* THIS NUMBER MUST NEVER BE THE ENTRY
NUMBER OF THE TWO CHANNEL SWITCH ENTRY IN
THE TABLE.

IS THERE ANOTHER CONFIGURATION TABLE ENTRY
NUMBER TO ENTER?
Y N
| |
| 081
| ALL CONFIGURATION TABLE ENTRIES ARE
| DONE.
| GO TO PAGE 5, STEP 020,
| ENTRY POINT OT.
|
082
THERE ARE MORE TWO CHANNEL SWITCH ENTRIES
TO MAKE.
GO TO PAGE 13, STEP 079,
ENTRY POINT TC.

083
GO TO PAGE 5, STEP 020, ENTRY POINT OT.

084
YOU WANT TO MAKE AN OEMI ENTRY IN THE TABLE.

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

AT THE PRINTED MESSAGE:
'ADDRESS
 ENTER'

- ENTER ON THE CONSOLE:
  ---------------------
  (B)   1F        (I)
  (B) XX00        (I) (I)
       XX =       OEMI ADDRESS

SEE THE PRINTED MESSAGE:
'ADDRESS=XX
 OIO CC = 000X

IS THIS MESSAGE ON THE PRINTER?
Y N
| |
| 085
| THE OEMI ENTRY IS MADE IN THE TABLE.
| GO TO PAGE 5, STEP 020, ENTRY POINT OT.
|
086
'ADDRESS=XX
 OIO CC = 000X'

IS THE CONDITION CODE '0'?
Y N
| |
| 087
| THE OEMI ATTACHMENT CARD IS BAD.
| - EXCHANGE THE CARD.
| - VERIFY THE REPAIR.
|
|
5
A
H
```

V W A PRINTER, NO KEYBOARD   MAP 3883-15
6 6 M
  1   PAPER ONLY MAP
  4
     PAGE 15 OF 60

088
- SEE IF AN OEMI ATTACHMENT CARD IS
  INSTALLED ON THE SYSTEM.

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

 089
 THE ENTRY IS NOT CORRECT.

 REMEMBER THIS ERROR.
 IT WILL HAVE TO BE CORRECTED.
 - CONTINUE IN THIS MAP.
 GO TO PAGE 5, STEP 020,
 ENTRY POINT OT.

090
THE ADDRESS AND CONDITION CODE OF THE OEMI
ENTRY IS PRINTED. DETERMINE IF THE ENTRY
MADE BY YOU IS IN ERROR.

DID YOU MAKE AN ERROR?
Y N

 091
 THE OEMI ATTACHMENT CARD IS BAD.
 - EXCHANGE THE CARD.
 - VERIFY THE REPAIR.

092
REMEMBER THIS ERROR. IT WILL HAVE TO BE
CORRECTED. CONTINUE IN THIS MAP.
GO TO PAGE 5, STEP 020,
ENTRY POINT OT.

093
YOU WANT TO MAKE A FLOATING POINT ENTRY IN
THE TABLE.

- ENTER ON THE CONSOLE:

  (B) 1F   (I)
  (B) 0F00 (I) (I)
    OF = FLOATING POINT ENTRY

THE FLOATING POINT ENTRY IS MADE IN THE
TABLE.
GO TO PAGE 5, STEP 020, ENTRY POINT OT.

094
YOU WANT TO CORRECT THE PROCESSING UNIT TYPE.

- ENTER ON THE CONSOLE:

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

AT THE PRINTED MESSAGE:
'ENTER
2X=495X

- ENTER ON THE CONSOLE:

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

THE PROCESSING UNIT TYPE IS ASSIGNED.
GO TO PAGE 5, STEP 020, ENTRY POINT OT.

095
(ENTRY POINT SS)

YOU WANT TO CORRECT THE STORAGE SIZE ON THE SYSTEM.

- ENTER ON THE CONSOLE:

  (B)   1F   (I)
  (B) 0800   (I) (I)
         08 =   STORAGE SIZE

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

- ENTER ON THE CONSOLE:

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

- SEE THE MESSAGE ON THE PRINTER:

'ADDRESS TRANSLATOR? 00=NO, 01=YES'
'ENTER'

IS THIS MESSAGE ON THE PRINTER?
Y N
|
| 096
| - SEE THE MESSAGE ON THE PRINTER:
|
| 'ENTRY NOT VALID'
|
| IS THIS MESSAGE ON THE PRINTER?
| Y N
| |
| | 097
| | THE STORAGE SIZE IS IN THE TABLE.
| | GO TO PAGE 5, STEP 020,
| | ENTRY POINT OT.
| |
| 098
| THE ENTRY MADE BY YOU IS NOT VALID.
| GO TO STEP 095, ENTRY POINT SS.
|
099
(ENTRY POINT AT)

SEE IF AN ADDRESS TRANSLATOR IS INSTALLED.

IS AN ADDRESS TRANSLATOR INSTALLED?
Y N
|
| 100
| - ENTER ON THE CONSOLE:
| --------------------
| (B)   1F   (I)
| (B) 0000   (I) (I)
| 00 = NO ADDRESS TRANSLATOR
|
| GO TO PAGE 5, STEP 020, ENTRY POINT OT.
|
101
THERE IS AN ADDRESS TRANSLATOR INSTALLED.

- ENTER ON THE CONSOLE:

  (B)   1F   (I)
  (B) 0100   (I) (I)
         01 = ADDRESS TRANSLATOR

- SEE THE MESSAGE ON THE PRINTER:

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

IS THIS MESSAGE ON THE PRINTER?
Y N
|
| 102
| GO TO PAGE 5, STEP 020, ENTRY POINT OT.
|
|
|
|
|
|
|
|
|
1
7
A
N

|
103
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
             BLOCKS INSTALLED.

       0001 = 16K OUTER STORAGE SIZE
       0002 = 32K OUTER STORAGE SIZE
       0003 = 48K OUTER STORAGE SIZE
       0004 = 64K OUTER STORAGE SIZE

- SEE THE MESSAGE ON THE PRINTER:

'ENTRY NOT VALID'

IS THIS MESSAGE ON THE PRINTER?
Y N
| |
| 104
| GO TO PAGE 5, STEP 020,
| ENTRY POINT OT.
|
105
THE ENTRY MADE BY YOU IS NOT VALID.
GO TO PAGE 16, STEP 099, ENTRY POINT AT.

106
YOU WANT TO CHANGE THE ALTERNATE CONSOLE
ASSIGNED IN THE CONFIGURATION TABLE.   TO
CHANGE THE ALTERNATE CONSOLE:

- ENTER ON THE CONSOLE:

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

AT THE PRINTED MESSAGE:
'ENTER DEVICE ADDRESS AND TYPE'

- ENTER ON THE CONSOLE:

  (B)   1F   (I)
  (B) AATT   (I) (I)
       TT =   SEE THE TABLE TO THE RIGHT.
       AA =   ALTERNATE CONSOLE ADDRESS.

THE ALTERNATE CONSOLE IS ASSIGNED.

'FUNCTION
 ENTER'

NOTE:
----:
+----------------------------+-------------------+
| SUPPORTED ALTERNATE | DEVICE |
| CONSOLE TYPE IS: | ADDRESS AND |
	TYPE (AATT)
PROGRAMMER OR	
C E CONSOLE	0000
4973 PRINTER	AA68
4974 PRINTER	AA64
1310 MULTIFUNCTION	AAE6 *
3101 DISPLAY	AA81 *
3101 DISPLAY	AAEA *
4978 DISPLAY	AA45
4979 DISPLAY	AA44
TTY TYPE	AA40 *
5251 DISPLAY	AAE4
----------------------------	XY00
AA = DEVICE ADDRESS
X = CABLE ADDRESS   (0 - 3)
Y = STATION ADDRESS (0 - 6)

* SWITCH SETTING CHECKLIST WHEN
SUPPORTED BY TTY WITH EIA INTERFACE
12345678 12345678 12345678 12345678
  X   X   X X   X   X X
XX XXXXX XXXXXXX X XXXX XX XXXX

* SWITCH SETTING CHECKLIST WHEN
SUPPORTED BY FPMLC, RPQ D02350 AND
1310 MULTI FUNCTION.
12345678 12345678 12345678 12345678
  X XX   XX   XXXX   X X
X X XXX   XXXXXX   XXXX XX X XXXX
X = SWITCH POSITION.
    BAUD RATE IS 9600 IN THE ABOVE.

IS THIS MESSAGE ON THE PRINTER?
Y N
| |
| 107
| SEE THE PRINTER MESSAGE.
|
| 'IDSA STATION ADDRESS = XY?
| X = CABLE ADDRESS   (0 - 3).
| Y = STATION ADDRESS (0 - 6)'
|
| IS THIS MESSAGE ON THE PRINTER?
| Y N
| | |
| | 108
| | THE AATT ENTRY ON THE CONSOLE MUST BE
| | FOLLOWED BY (I) (I).
| | WHEN THE ENTRY IS COMPLETE,
| | GO TO PAGE 18, STEP 112,
| | ENTRY POINT AC.

1 1
8 8
A A
P Q

```
09
A 5251 IS INSTALLED ON THE  SYSTEM  AND  YOU
WANT TO ASSIGN IT AS THE ALTERNATE CONSOLE.

- ENTER ON THE CONSOLE:
  -------------------
    (B)   1F         (I)
    (B) XY00         (I) (I)
        X   =   CABLE ADDRESS   (0 - 3)
        Y   =   STATION ADDRESS (0 - 6)
SEE THE PRINTER MESSAGE

'FUNCTION
 ENTER'
```

NOTE:
----:

SUPPORTED ALTERNATE CONSOLE TYPE IS:	DEVICE ADDRESS AND TYPE (AATT)
PROGRAMMER OR C E CONSOLE	0000
4973 PRINTER	AA68
4974 PRINTER	AA64
1310 MULTIFUNCTION	AAE6 *
3101 DISPLAY	AA81 *
3101 DISPLAY	AAEA *
4978 DISPLAY	AA45
4979 DISPLAY	AA44
TTY TYPE	AA40 *
5251 DISPLAY	AAE4 XY00

```
AA = DEVICE ADDRESS
 X = CABLE ADDRESS   (0 - 3)
 Y = STATION ADDRESS (0 - 6)
--------------------------------------------
* SWITCH SETTING CHECKLIST WHEN
SUPPORTED BY TTY WITH EIA INTERFACE
12345678 12345678 12345678 12345678
  X       X      X XX      X    X X
XX XXXXX  XXXXXXX  X  XXXX  XX XXXX

* SWITCH SETTING CHECKLIST WHEN
SUPPORTED BY FPMLC, RPQ D02350 AND
1310 MULTI FUNCTION.
12345678 12345678 12345678 12345678
  X XX    XX      XXX       X X
X X  XXX   XXXXXX    XXXX  XX XXXX
X = SWITCH POSITION.
    BAUD RATE IS 9600 IN THE ABOVE.
```

```
IS THIS MESSAGE ON THE PRINTER?
Y N

  110
  ENTRY NOT VALID

  THE ENTRY MUST BE AS FOLLOWS:

  X  =    CABLE ADDRESS   (0 - 3)
  Y  =    STATION ADDRESS (0 - 6)
  ENTER 'XY' CORRECT.  WHEN DONE,
  GO TO STEP 112,
  ENTRY POINT AC.
11
THE ENTRY IS COMPLETE,
GO TO STEP 112, ENTRY POINT AC.
12
(ENTRY POINT AC)

DO  YOU WANT TO USE THE ALTERNATE CONSOLE JUST
ASSIGNED?
Y N

  113
  YOU WANT TO USE THE 'OLD' ALTERNATE CONSOLE.
  THE PRINTER IS THE OUTPUT.
  THE CONSOLE IS THE INPUT.
  GO TO PAGE 5, STEP 020, ENTRY POINT OT.
```

```
1
9
A
R
```

14
- ENTER ON THE CONSOLE:

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

WAIT FOR THE CONFIGURATION TABLE TO BE
WRITTEN TO THE DISKETTE.

SEE THE MESSAGE ON THE PRINTER:

'WRITE CONFIGURATION TABLE ON OTHER DISKETTE
0D=WRITE DISKETTE, 05=TERMINATE'

- ENTER ON THE CONSOLE:

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

THE FOLLOWING MESSAGE WILL APPEAR ON THE
PRINTER:
'PT
 ENTER'

- IPL THE SYSTEM.

THE ALTERNATE CONSOLE JUST ASSIGNED WILL
PRINT OR DISPLAY.
GO TO MAP 0020, ENTRY POINT A.

15
(ENTRY POINT MD)

SEE THE NOTE TO THE RIGHT.

TO CHANGE THE CONFIGURATION TABLE,
- ENTER ON THE CONSOLE:

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

AT THE PRINTED MESSAGE:

'CHANGE
 ENTRY NUMBER
 ENTER'

- ENTER ON THE CONSOLE:

  (B)   1F   (I)
  (B) XX00   (I) (I)
        XX =   ENTRY NUMBER TO BE CHANGED.

THE ENTRY NUMBER TO BE CHANGED WILL PRINT.
AATT 0000 0000 0000 0000 0000 0000 IDID

- ENTER THE CHANGED ENTRY AS FOLLOWS:

  (B)   8F (I)   (EIGHT WORDS TO FOLLOW)
  (B) XXXX (I)   (WORD 00)   AATT
  (B) XXXX (I)   (WORD 01)
  (B) XXXX (I)   (WORD 02)
  (B) XXXX (I)   (WORD 03)
  (B) XXXX (I)   (WORD 04)
  (B) XXXX (I)   (WORD 05)
  (B) XXXX (I)   (WORD 06)
  (B) XXXX (I) (I) (WORD 07)   IDID
       XXXX = INFORMATION NEEDED IN THE ENTRY.

'FUNCTION
ENTER'

IS THIS MESSAGE ON THE PRINTER?
Y N
| |
| 16
| THE ENTRY IS NOT COMPLETE.
| WORD 07, ON THE CONSOLE MUST BE FOLLOWED BY
| '(I) (I)'.
| WHEN THE ENTRY IS COMPLETE, GO TO THE 'YES'
| COLUMN.
|
17
THE ENTRY IS CHANGED.
GO TO PAGE 5, STEP 020, ENTRY POINT OT.

NOTE

WHEN AN ENTRY IS TO BE CHANGED, EACH WORD MUST
BE ENTERED UP TO THE WORD TO BE CHANGED. THE
WORD TO BE CHANGED IS THEN ENTERED. IT IS NOT
NECESSARY TO ENTER THE REMAINDER OF WORDS IN
THE ENTRY, THE WORDS WILL NOT CHANGE UNLESS
YOU CHANGE THEM. IF THE ADDRESS OF A DEVICE
IS TO BE CHANGED, THE ENTRY WOULD BE MADE AS
FOLLOWS:

- ENTER THE CHANGED ENTRY AS FOLLOWS:

  (B)   1F (I)   (ONE WORD TO FOLLOW)
  (B) AATT (I) (I) (WORD 00)
        TT = DEVICE TYPE
        AA = DEVICE ADDRESS
THE REMAINDER OF THE ENTRY WORDS WOULD REMAIN
THE SAME IN THE TABLE.

IF THE THIRD WORD OF A DEVICE ENTRY IS TO BE
CHANGED, THE ENTRY WOULD BE MADE AS FOLLOWS:

- ENTER THE CHANGED ENTRY AS FOLLOWS:

  (B)   3F (I)   (THREE WORDS TO FOLLOW)
  (B) YYYY (I)   (WORD 00 NO CHANGE)
  (B) YYYY (I)   (WORD 01 NO CHANGE)
  (B) XXXX (I) (I) (WORD 02   CHANGE)
       YYYY = NO CHANGE IN WORD
       XXXX =   CHANGE IN WORD
THE REMAINDER OF THE ENTRY WORDS WOULD REMAIN
THE SAME IN THE TABLE.

18
(ENTRY POINT DE)

TO DELETE FROM THE CONFIGURATION TABLE.

- ENTER ON THE CONSOLE:

```
(B)   1F        (I)
(B) 0200        (I) (I)
      02 =      THE DELETE FUNCTION
```

AT THE PRINTED MESSAGE:

'DELETE
 ENTRY NUMBER
 ENTER'

- ENTER ON THE CONSOLE:

```
(B)   1F        (I)
(B) XX00        (I) (I)
      XX =      ENTRY NUMBER TO BE DELETED.
```

THE ENTRY NUMBER IS DELETED.

GO TO PAGE 5, STEP 020, ENTRY POINT OT.

19
(ENTRY POINT AD)

TO ADD TO THE CONFIGURATION TABLE,

- ENTER ON THE CONSOLE:

```
(B)   1F        (I)
(B) 0A00        (I) (I)
      0A =      THE ADD FUNCTION.
```

AT THE PRINTED MESSAGE:

'AATT 0203 0405 0607 0809 0000 0000 IDID'

- ENTER ON THE CONSOLE AS FOLLOWS:

```
(B)   8F (I)     (EIGHT WORDS TO FOLLOW)
(B) AATT (I)     (BYTE 00 AND 01)
(B) 0203 (I)     (BYTE 02 AND 03)
(B) 0405 (I)     (BYTE 04 AND 05)
(B) 0607 (I)     (BYTE 06 AND 07)
(B) 0808 (I)     (WORD 04)
(B) XXXX (I)     (WORD 05)
(B) XXXX (I)     (WORD 06)
(B) IDID (I) (I) (WORD 07)
      XXXX = TO BE ADDED BY YOU
```

'FUNCTION
 ENTER'

IS THIS MESSAGE ON THE PRINTER?
Y N

  20
  THE ENTRY IS NOT COMPLETE.
  WORD 07 ON THE CONSOLE MUST BE FOLLOWED BY
  '(I) (I)'.
  WHEN THE ENTRY IS COMPLETE, GO TO THE 'YES'
  COLUMN.

21
GO TO PAGE 5, STEP 020, ENTRY POINT OT.

22
YOU WANT TO CONFIGURE THE SYSTEM.

- SEE THE NOTE TO THE RIGHT

TO CONFIGURE THE SYSTEM:

- ENTER ON THE CONSOLE:

  (B)   1F   (I)
  (B) 0C00   (I) (I)
       0C =   THE CONFIGURE FUNCTION

AT THE PRINTED MESSAGE:
'ALTERNATE CONSOLE DEVICE ADDRESS AND TYPE
ENTER'

- ENTER ON THE CONSOLE:

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

THE ALTERNATE CONSOLE IS ASSIGNED.

NOTE:
----:
+--+
| SUPPORTED ALTERNATE | DEVICE |
| CONSOLE TYPE IS: | ADDRESS AND |
	TYPE (AATT)
PROGRAMMER OR	
C E CONSOLE	0000
4973 PRINTER	AA68
4974 PRINTER	AA64
1310 MULTIFUNCTION	AAE6 *
3101 DISPLAY	AA81 *
3101 DISPLAY	AAEA *
4978 DISPLAY	AA45
4979 DISPLAY	AA44
TTY TYPE	AA40 *
5251 DISPLAY	AAE4
	XY00
AA = DEVICE ADDRESS
X = CABLE ADDRESS   (0 - 3)
Y = STATION ADDRESS (0 - 6)
----
* SWITCH SETTING CHECKLIST WHEN
SUPPORTED BY TTY WITH EIA INTERFACE
12345678 12345678 12345678 12345678
X   X   X XX   X X
XX XXXXX XXXXXX   X XXXX XX XXXX
* SWITCH SETTING CHECKLIST WHEN
SUPPORTED BY FPMLC, RPQ D02350 AND
1310 MULTI FUNCTION.
12345678 12345678 12345678 12345678
X XX   XX   XXXX   X X
X X XXX XX XXXXX   XXXX XX XXXX
X = SWITCH POSITION.
BAUD RATE IS 9600 IN THE ABOVE.
+---+

DID YOU ASSIGN A '49XX' AS THE ALTERNATE
CONSOLE?
Y N

| 123
| SEE THE PRINTER MESSAGE.
|
| 'IDSA STATION ADDRESS = XY?
| X = CABLE ADDRESS   (0 - 3).
| Y = STATION ADDRESS (0 - 6)'
|
| IS THIS MESSAGE ON THE PRINTER?
| Y N
|
| | 124
| | GO TO PAGE 22, STEP 128,
| | ENTRY POINT SC.

```
|25
A 5251 IS INSTALLED ON THE  SYSTEM  AND  YOU
WANT TO ASSIGN IT AS THE ALTERNATE CONSOLE.

 - ENTER ON THE CONSOLE:
   --------------------
    (B)    1F        (I)
    (B)  XY00        (I) (I)
         X    =   CABLE ADDRESS   (0 - 3)
         Y    =   STATION ADDRESS (0 - 6)

SEE THE PRINTER MESSAGE

'ENTRY NOT VALID'
 ENTER'
```

NOTE:
----:

SUPPORTED ALTERNATE CONSOLE TYPE IS:	DEVICE ADDRESS AND TYPE (AATT)
PROGRAMMER OR C E CONSOLE	0000
4973 PRINTER	AA68
4974 PRINTER	AA64
1310 MULTIFUNCTION	AAE6 *
3101 DISPLAY	AA81 *
3101 DISPLAY	AAEA *
4978 DISPLAY	AA45
4979 DISPLAY	AA44
TTY TYPE	AA40 *
5251 DISPLAY	AAE4
	XY00

```
 AA = DEVICE ADDRESS
  X = CABLE ADDRESS   (0 - 3)
  Y = STATION ADDRESS (0 - 6)
--------------------------------------
* SWITCH SETTING CHECKLIST WHEN
SUPPORTED BY TTY WITH EIA INTERFACE
12345678 12345678 12345678 12345678
  X        X        X XX    X  X
XX XXXXX  XXXXXXX  X  XXXX  XX XXXX
--------------------------------------
* SWITCH SETTING CHECKLIST WHEN
SUPPORTED BY FPMLC, RPQ D02350 AND
1310 MULTI FUNCTION.
12345678 12345678 12345678 12345678
 X X  XXX   XX     XXXX    X  X
X X  XXX   XXXXXX  XXXX   XX XXXX
X = SWITCH POSITION.
    BAUD RATE IS 9600 IN THE ABOVE.
+------------------------------------+
```

```
IS THIS MESSAGE ON THE PRINTER?
Y N

  126
  THE ENTRY IS COMPLETE,
  GO TO STEP 128,
  ENTRY POINT SC.

|27
ENTRY NOT VALID

THE ENTRY MUST BE AS FOLLOWS:

X  =   CABLE ADDRESS   (0 - 3)
Y  =   STATION ADDRESS (0 - 6)
ENTER 'XY' CORRECT.   WHEN DONE,
GO TO STEP 128, ENTRY POINT SC.

|28
(ENTRY POINT SC)

SEE THE MESSAGE ON THE PRINTER:

'INNER STORAGE
 03=16K, 07=32K, 0B=48K,0F=64K
 ENTER'

IS THIS MESSAGE ON THE PRINTER?
Y N

  129
  (ENTRY POINT TD)

  - SEE THE MESSAGE ON THE PRINTER:

  'IS  CUSTOMER  USING  COMMON   I/O?    00=NO,
  01=YES(TERMINATE)'

  IS THIS MESSAGE ON THE PRINTER?
  Y N

    130
    (ENTRY POINT OE)

    - SEE THE MESSAGE ON THE PRINTER:

    'OEMI? 00=NO, 01=YES
     ENTER'

    IS THIS MESSAGE ON THE PRINTER?
    Y N
```

```
4 4 3 2
9 0 0 3
A A A A
U V W X
```

```
A
X
2
2
```
PRINTER, NO KEYBOARD

PAPER ONLY MAP

PAGE 23 OF 60

MAP 3883-23

131
(ENTRY POINT FP)

- SEE THE MESSAGE ON THE PRINTER:

'FLOATING POINT? 00=NO, 01=YES
ENTER'

IS THIS MESSAGE ON THE PRINTER?
Y N

  132
  (ENTRY POINT TU)

  - SEE THE MESSAGE ON THE PRINTER:

  'TAPE DRIVE DEVICE ADDRESS = XX
  TAPE DRIVE TYPE?
  00 = NRZI, 01 = DUAL, FF = PE
  ENTER'

  IS THIS MESSAGE ON THE PRINTER?
  Y N

    133
    (ENTRY POINT SF)

    - SEE THE MESSAGE ON THE PRINTER:

    'SPEECH CONTROLLER ADDRESS = XX
    NUMBER OF LINES ATTACHED TO THIS CONTROLLER
    ENTER'

    IS THIS MESSAGE ON THE PRINTER?
    Y N

      134
      (ENTRY POINT CA)

      - SEE THE NOTE TO THE RIGHT

      - SEE THE MESSAGE ON THE PRINTER:

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

      IS THE ABOVE MESSAGE ON THE PRINTER?
      Y N

        135
        (ENTRY POINT AS)

        - SEE THE MESSAGE ON THE PRINTER:

        'FPMLC
        EN DA DT RID
        EE AA TT XXXX
        ENTER'

        IS THE ABOVE MESSAGE ON THE PRINTER?
        Y N

SEE IF TELEPROCESSING IS INSTALLED ON THE
SYSTEM. IF TELEPROCESSING IS INSTALLED ON THE
SYSTEM, GET THE MACHINE HISTORY, THE PLUG
CHART AND THE SERIES 1 SERVICE AIDS.
DETERMINE THE SPECIFY CODE OF THE
COMMUNICATION CARD(S). THESE SPECIFICATION
NUMBERS MUST BE USED TO CONFIGURE THE
COMMUNICATION CARD(S) TO THIS PROGRAM.

```
3 3 3 3 3 2
8 8 8 7 5 4
A A B B B B
Y Z A B C D
N
```

136
(ENTRY POINT MF)

- SEE MESSAGE ON THE PRINTER:

'MULTIFUNCTION
EN DA DT RID
EE AA TT XXXX
LINE INSTALLED? 00=NO, 01=YES
ENTER'

IS THE ABOVE MESSAGE ON THE PRINTER?
Y N

    137
    (ENTRY POINT CB)

    - SEE THE MESSAGE ON THE PRINTER:

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

    IS THE ABOVE MESSAGE ON THE PRINTER?
    Y N

        138
        (ENTRY POINT CD)

        - SEE THE MESSAGE ON THE PRINTER:

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

        IS THE ABOVE MESSAGE ON THE PRINTER?
        Y N

            139
            (ENTRY POINT CP)

            - SEE THE MESSAGE ON THE PRINTER:

            'COMM SYS
            EN DA DT RID
            EE AA TT XXXX
            EE AA TT XXXX
            SPECIFY CODE
            ENTER'

            IS THE ABOVE MESSAGE ON THE PRINTER?
            Y N

                140
                SEE THE MESSAGE ON THE PRINTER:

                'WRITE CONFIGURATION TABLE ON OTHER
                DISKETTE
                0D=WRITE DISKETTE, 05=TERMINATE'

                - ENTER ON THE CONSOLE:

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

                SEE THE MESSAGE ON THE PRINTER:

                'PT'
                  OR
                'RDY
                  ENTER'

                IS THE ABOVE MESSAGE ON THE PRINTER?
                Y N

3 3 3 2 2 2
3 2 1 6 5 5
B B B B B B
E F G H J K

B B   PRINTER, NO KEYBOARD   MAP 3883-25
J K
3 2   PAPER ONLY MAP
4 4
             PAGE 25 OF 60
```

```
|
| |41
| GO TO PAGE 52, STEP 353, ENTRY POINT ER.
|42
- ENTER ON THE CONSOLE:
  ---------------------
  (B) B           (I)
  (B) 38F0        (I) (I)
THE CONFIGURATION PROGRAM WILL LOAD.

- SEE THE PRINTER MESSAGE.

CONFIGURATION ERROR
01 = TERMINATE
02 = PRINT ALL ERRORS
03 = PRINT OPTIONS
04 = BYPASS TCS ERRORS
ENTER

IS THIS MESSAGE ON THE PRINTER?
Y N
| |
| | 143
| | - ENTER ON THE CONSOLE:
| |   ---------------------
| |   (B)    1F         (I)
| |   (B) 0100         (I) (I)
| |       01  =       PRINT TABLE
| |
| | WAIT FOR THE CONFIGURATION TABLE TO PRINT.
| |
| | 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 COMMUNICATION SYSTEM DEVICE DATA.
| |   3. 4982 SENSOR I/O (EVEN IF NO FEATURE
| |      CARD(S) IS/ARE INSTALLED).
| |   4. TYPE CODE (BYTE 01) FOR ANY RPQ DEVICE
| |      EXCEPT THE 4978 DISPLAY.
| |   5. THE 7900 FEATURE TWO CHANNEL SWITCH.
| |
| | 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 MAKE ADDITIONS TO THE TABLE?
| | Y N
| | | |
| | | 144
| | | THE CONFIGURATION TABLE MUST BE WRITTEN ON
| | | ALL DISKETTES WITH THE SYSTEM.
| | | GO TO PAGE 12, STEP 066,
| | | ENTRY POINT WC.
| | |
| | |45
| | GO TO PAGE 5, STEP 020, ENTRY POINT OT.
| |
| |46
PRESS THE IPL KEY.
GO TO PAGE 1, STEP 001, ENTRY POINT A.
```

47
(ENTRY POINT TP)

COMM SYS ENTRY
EN DA DT RID
EE AA TT XXXX
EE AA TT XXXX
SPECIFY CODE
ENTER

EN = ENTRY NUMBER IN THE TABLE.
DA = DEVICE ADDRESS.
DT = DEVICE TYPE.
RID = READ ID.
(NOTE THERE ARE TWO ENTRIES LISTED).

- SEE THE NOTE TO THE RIGHT

ENTER THE SPECIFY CODE FROM THE PLUG LIST.

- ENTER ON THE CONSOLE:

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

- SEE THE MESSAGE ON THE PRINTER.

'SPECIFY CODE NOT KNOWN'

FEATURE CODE FOR THE 4987. PROGRAMMABLE COMMUNICATION SUBSYSTEM				
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	

TELEPROCESSING IS INSTALLED ON THE SYSTEM:

GET THE MACHINE HISTORY.
SEE THE COMMUNICATION FEATURE NUMBER.
REFERENCE SERIES 1 SERVICE AID THREE (3).
FIND THE FEATURE NUMBER IN THE SERVICE AID AND
FIND THE SPECIFY CODE IN IT THAT MATCHES THE
NUMBER IN THE MACHINE HISTORY. ENTER THIS
NUMBER AS THE 'SPECIFY CODE' IN THIS PROGRAM.

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.

IS THIS MESSAGE ON THE PRINTER?
Y N
│
│ 148
│ SEE THE PRINTER MESSAGE:
│
│ 'ERROR - MULTI-LINE CONTROLLER AREA'
│
│ IS THIS MESSAGE ON THE PRINTER?
│ Y N
│   │
│   │ 149
│   │ SEE THE PRINTER MESSAGE:
│   │
│   │ 'CONFIGURATION ERROR - MESSAGE # 3861
│   │ DA DT RID ERROR #
│   │ AA TT XXX   YY
│   │
│   │ IS THIS MESSAGE ON THE PRINTER?
│   │ Y N
│   │   │
│   │   │ 150
│   │   │ (ENTRY POINT PC)
│   │   │
│   │   │ SEE THE PRINTER MESSAGE:
│   │   │
│   │   │ 'COMM SYS - DATA TERMINAL READY (DTR)
│   │   │ SWITCH? 00=OFF, 01=ON'
│   │   │
│   │   │ IS THIS MESSAGE ON THE PRINTER?
│   │   │ Y N
│   │   │   │
│   │   │   │ 151
│   │   │   │ (ENTRY POINT PA)
│   │   │   │
│   │   │   │ SEE THE PRINTER MESSAGE:
│   │   │   │
│   │   │   │ 'COMM SYS - DATA SET READY (DSR)
│   │   │   │ SWITCH? 00=OFF, 01=ON'
│   │   │   │
│   │   │   │ IS THIS MESSAGE ON THE PRINTER?
│   │   │   │ Y N

3 3 3 3 3 2
1 1 1 0 0 7
B B B B B B
L M N P Q R

152
(ENTRY POINT PJ)

SEE THE PRINTER MESSAGE:

'COMM SYS - CARRIER DETECT SWITCH? 00=OFF, 01=ON'

IS THIS MESSAGE ON THE PRINTER?
Y N

  153
  (ENTRY POINT PI)

  SEE THE PRINTER MESSAGE:

  'LINE INSTALLED? 00=OFF, 01=ON'

  IS THIS MESSAGE ON THE PRINTER?
  Y N

    154
    (ENTRY POINT PB)

    SEE THE PRINTER MESSAGE:

    'COMM SYS - BITS PER SECOND SWITCH?
     01=0600
     02=1200
     03=2400
     04=4800
     05=9600'

    IS THIS MESSAGE ON THE PRINTER?
    Y N

      155
      (ENTRY POINT PR)

      SEE THE PRINTER MESSAGE:

      'COMM SYS - REQUEST TO SEND (RTS)
      SWITCH? 00=OFF, 01=ON'

      IS THIS MESSAGE ON THE PRINTER?
      Y N

        156
        (ENTRY POINT PO)

        SEE THE PRINTER MESSAGE:

        'COMM SYS - CLOCK OPTION? 00=INTERNAL, 01=EXTERNAL'

        IS THIS MESSAGE ON THE PRINTER?
        Y N

3 2 2 2 2 2
0 9 9 9 8 8
B B B B B B
S T U V W X

157
(ENTRY POINT PS)

SEE THE PRINTER MESSAGE:

'COMM SYS - CLEAR TO SEND DELAY SWITCH?
 01=030 MS
 02=080 MS
 03=230 MS'

IS THIS MESSAGE ON THE PRINTER?
Y N
  │
  │ 158
  │ GO TO PAGE 24, STEP 139,
  │ ENTRY POINT CP.
  │
159
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
  │
  │ 160
  │ - 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
  │   GO TO PAGE 26, STEP 150,
  │   ENTRY POINT PC.
  │
161
- ENTER ON THE CONSOLE:

  (B)   1F   (I)
  (B) 0X00   (I) (I)
       0X =   DELAY RATE SWITCH
       01 = 030 MS
       02 = 080 MS
       03 = 230 MS
GO TO PAGE 26, STEP 150, ENTRY POINT PC.

162
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
  │
  │ 163
  │ - DETERMINE THE CLOCK OPTION.
  │
  │ - ENTER ON THE CONSOLE:
  │   ---------------------
  │   (B)   1F   (I)
  │   (B) 0X00   (I) (I)
  │   0X =   CLOCK OPTION
  │   00 =   INTERNAL CLOCK
  │   01 =   EXTERNAL CLOCK
  │   GO TO STEP 157, ENTRY POINT PS.
  │
164
- ENTER ON THE CONSOLE:

  (B)   1F   (I)
  (B) 0X00   (I) (I)
       0X =   CLOCK OPTION
       00 =   INTERNAL CLOCK
       01 =   EXTERNAL CLOCK
GO TO STEP 157, ENTRY POINT PS.

```
B B B       PRINTER, NO KEYBOARD                           MAP 3883-29
I U V
2 2 2       PAPER ONLY MAP
7 7 7
            PAGE  29 OF  60
```

```
165
REQUEST TO SEND (RTS).  SEE THE 4987 LOGIC
SCXXX  AND THE CUSTOMER FOR THE RTS SWITCH
INFORMATION.

- SET   THE   RTS   SWITCH   TO   THE   CORRECT
  POSITION.

WHEN DONE, ANSWER THE FOLLOWING QUESTION:

IS THE RTS SWITCH SET 'ON'?
Y N
  |
  | 166
  | - ENTER ON THE CONSOLE:
  |   --------------------
  |   (B)   1F        (I)
  |   (B) 0000        (I) (I)
  |        00 =       RTS SWITCH OFF
  |   GO TO PAGE 27, STEP 156,
  |   ENTRY POINT PO.
  |
  167
  - ENTER ON THE CONSOLE:
    --------------------
    (B)   1F        (I)
    (B) 0100        (I) (I)
         01 =       RTS SWITCH ON
    GO TO PAGE 27, STEP 156,
    ENTRY POINT PO.

168
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
  |
  | 169
  | - 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
  |   GO TO PAGE 27, STEP 155,
  |   ENTRY POINT PR.
  |
  170
  - 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
  GO TO PAGE 27, STEP 155, ENTRY POINT PR.

171
INTERLOCK SWITCH SETTING.  SEE THE 4987 LOGIC
SCXXX  AND  THE  CUSTOMER  FOR  THE  INTERLOCK
SWITCH INFORMATION.

- SET THE INTERLOCK SWITCH TO  THE  CORRECT
  POSITION.

WHEN DONE, ANSWER THE FOLLOWING QUESTION:

IS THE INTERLOCK SWITCH SET 'ON'?
Y N
  |
  | 172
  | - ENTER ON THE CONSOLE:
  |   --------------------
  |   (B)   1F        (I)
  |   (B) 0000        (I) (I)
  |        00 =       INTERLOCK SWITCH OFF
  |   GO TO PAGE 27, STEP 154, ENTRY POINT PB.
```

```
B B B B      PRINTER, NO KEYBOARD                      MAP 3883-30
P Q S Y
2 2 2 2      PAPER ONLY MAP
6 6 7 9
             PAGE  30 OF  60
```

```
173
- ENTER ON THE CONSOLE:
  --------------------
  (B)   1F          (I)
  (B)  0000         (I) (I)
        01 =        INTERLOCK SWITCH ON
  GO TO PAGE 27, STEP 154,
  ENTRY POINT PB.
```

```
174
CARRIER  DETECT  SWITCH  SETTING.  SEE THE
4987 LOGIC SCXXX AND THE CUSTOMER FOR  THE
CARRIER DETECT SWITCH INFORMATION.

- SET  THE  CARRIER  DETECT  SWITCH TO THE
  CORRECT POSITION.

WHEN DONE, ANSWER THE FOLLOWING QUESTION:

IS THE CARRIER DETECT SWITCH SET 'ON'?
Y N
```

```
  175
  - ENTER ON THE CONSOLE:
    --------------------
    (B)   1F          (I)
    (B)  0000         (I) (I)
          00 =        CARRIER DETECT OFF
    GO TO PAGE 27, STEP 153,
    ENTRY POINT PI.
```

```
176
- ENTER ON THE CONSOLE:
  --------------------
  (B)   1F          (I)
  (B)  0100         (I) (I)
        01 =        CARRIER DETECT ON
  GO TO PAGE 27, STEP 153,
  ENTRY POINT PI.
```

```
177
DATA SET READY (DSR) SWITCH.  SEE  THE  4987
LOGIC  SCXXX  AND  THE  CUSTOMER FOR THE DSR
SWITCH INFORMATION.

-   SET   THE   DSR   SWITCH  TO  THE  CORRECT
POSITION.

WHEN DONE, ANSWER THE FOLLOWING QUESTION:

IS THE DSR SWITCH SET 'ON'?
Y N
```

```
  178
  - ENTER ON THE CONSOLE:
    --------------------
    (B)   1F          (I)
    (B)  0000         (I) (I)
          00 =        DSR SWITCH OFF
    GO TO PAGE 27, STEP 152,
    ENTRY POINT PJ.
```

```
179
- ENTER ON THE CONSOLE:
  --------------------
  (B)   1F          (I)
  (B)  0100         (I) (I)
        01 =        DSR SWITCH ON
  GO TO PAGE 27, STEP 152, ENTRY POINT PJ.
```

```
180
DATA TERMINAL READY (DTR)  SWITCH.  SEE  THE
4987  LOGIC SCXXX AND THE CUSTOMER FOR THE DTR
SWITCH INFORMATION.

- SET THE DTR SWITCH TO THE CORRECT POSITION.

WHEN DONE, ANSWER THE FOLLOWING QUESTION:

IS THE DTR SWITCH SET 'ON'?
Y N
```

```
  181
  - ENTER ON THE CONSOLE:
    --------------------
    (B)   1F          (I)
    (B)  0000         (I) (I)
          00 =        DTR SWITCH OFF
    GO TO PAGE 26, STEP 151, ENTRY POINT PA.
```

```
3
1
B
2
```

```
B B B B B    PRINTER, NO KEYBOARD                      MAP 3883-31
G L M N Z
2 2 2 2 3    PAPER ONLY MAP
4 6 6 6 0
             PAGE  31 OF  60
```

```
        182
        - ENTER ON THE CONSOLE:
          --------------------
          (B)   1F        (I)
          (B)  0100       (I) (I)
               01   =       DTR SWITCH ON
        GO TO PAGE 26, STEP 151,
        ENTRY POINT PA.

        183
        DA  = DEVICE ADDRESS.
        DT  = DEVICE TYPE.
        XXX = READ ID.
        YY  = ERROR MESSAGE NUMBER

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

        THE 4987 CARD  WITH  THE  ADDRESS  NOTED
        ABOVE IS FAILING.
        - EXCHANGE THE CARD.
        - VERIFY THE REPAIR.

        184
        THE  4987 CARD 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
        AREA ERROR MUST BE CHANGED.

      185
      THE SPECIFY  CODE  ENTERED  BY  YOU  IS  NOT
      CORRECT.
      GO TO PAGE 26, STEP 147, ENTRY POINT TP.

   186
   (ENTRY POINT TE)

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

   EN  = ENTRY NUMBER IN THE TABLE.
   DA  = DEVICE ADDRESS.
   DT  = DEVICE TYPE.
   RID = READ ID.

   - SEE THE NOTE TO THE RIGHT

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

   - SEE THE MESSAGE ON THE PRINTER.

   'ERROR - SPECIFY CODE DOES NOT MATCH CARD'.

   IS THIS MESSAGE ON THE PRINTER?
   Y N
   | |
   | 187
   | - SEE THE MESSAGE ON THE PRINTER.
   |
   | 'SPECIFY CODE NOT KNOWN'
   |
   | IS THIS MESSAGE ON THE PRINTER?
   | Y N
   | | |
   | | 188
   | | SEE THE PRINTER MESSAGE:
   | |
   | | 'NO INTERRUPT'
   | |
   | | IS THIS MESSAGE ON THE PRINTER?
   | | Y N
   | | | |
   | | | 189
   | | | GO TO PAGE 24, STEP 138,
   | | | ENTRY POINT CD.
```

```
SDLC FEATURE CODE  =  2090
--------------------------
SPECIFY CODE(S)    = 8130 THROUGH 8137

TELEPROCESSING IS INSTALLED ON THE SYSTEM:
-----------------------------------------
GET THE MACHINE HISTORY.
SEE THE COMMUNICATION FEATURE NUMBER.
REFERENCE SERIES 1 SERVICE AID THREE (3).
FIND THE FEATURE NUMBER IN THE SERVICE AID AND
FIND  THE  SPECIFY CODE IN IT THAT MATCHES THE
NUMBER IN THE  MACHINE  HISTORY.   ENTER  THIS
NUMBER AS THE 'SPECIFY CODE' IN THIS PROGRAM.

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.
```

```
3 3 3
C C C
P P P
A B C
```

```
B C C C    PRINTER, NO KEYBOARD                      MAP 3883-32
F A B C
2 3 3 3    PAPER ONLY MAP
4 1 1 1
           PAGE  32 OF  60
```

```
190
THE  SDLC  CARD  WITH  THE ADDRESS NOTED
ABOVE IS FAILING.
EXCHANGE THE CARD.
- VERIFY THE REPAIR.
---------------------
GO TO PAGE 31, STEP 186,
ENTRY POINT TE.

191
THE SPECIFY CODE ENTERED  BY  YOU  IS  NOT
CORRECT.
GO TO PAGE 31, STEP 186,
ENTRY POINT TE.

192
YOU  HAVE ENTERED A CORRECT SPECIFY CODE FOR
AN SDLC  CARD.   THE  SPECIFY  CODE  IS  NOT
CORRECT FOR THE SDLC CARD INSTALLED.
GO TO PAGE 31, STEP 186, ENTRY POINT TE.

193
(ENTRY POINT TB)

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

EN  = ENTRY NUMBER IN THE TABLE.
DA  = DEVICE ADDRESS.
DT  = DEVICE TYPE.
RID = READ ID.

- SEE THE NOTE TO THE RIGHT

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

- SEE THE MESSAGE ON THE PRINTER.

'SPECIFY CODE NOT KNOWN'
```

BSCA SL MS FEATURE CODE	= 2074
SPECIFY CODE(S)	= 8120 THROUGH 8129
BSCA SL HS FEATURE CODE	= 2075
SPECIFY CODE(S)	= 8161 THROUGH 8166
BSCA ML FEATURE CODE	= 2093
SPECIFY CODE(S)	= 8151 THROUGH 8156
BSCA ML FEATURE CODE	= 2094
SPECIFY CODE(S)	= 840X THROUGH 849X

```
TELEPROCESSING IS INSTALLED ON THE SYSTEM:
------------------------------------------
GET THE MACHINE HISTORY.
SEE THE COMMUNICATION FEATURE NUMBER.
REFERENCE SERIES 1 SERVICE AID THREE (3).
FIND THE FEATURE NUMBER IN THE SERVICE AID AND
FIND  THE  SPECIFY CODE IN IT THAT MATCHES THE
NUMBER IN THE  MACHINE  HISTORY.   ENTER  THIS
NUMBER AS THE 'SPECIFY CODE' IN THIS PROGRAM.

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.
```

```
IS THIS MESSAGE ON THE PRINTER?
Y N
| |
| 194
| - SEE THE MESSAGE ON THE PRINTER.
|
| '01 = REMOTE IPL, 00 = NO'
|
| IS THIS MESSAGE ON THE PRINTER?
| Y N
| | |
| | 195
| | - SEE THE MESSAGE ON THE PRINTER.
| |
| | 'ERROR - MULTI-LINE CONTROLLER AREA'
| |
| | IS THIS MESSAGE ON THE PRINTER?
| | Y N
| | | |
| | | 196
| | | - SEE THE MESSAGE ON THE PRINTER.
| | |
| | | 'NO INTERRUPT'
| | |
| | | IS THIS MESSAGE ON THE PRINTER?
| | | Y N
| | | | |
| | | | 197
| | | | GO TO PAGE 24, STEP 137,
| | | | ENTRY POINT CB.
| | | |
| | | 198
| | | THE  BSCA  CARD  WITH  THE ADDRESS NOTED
| | | ABOVE IS FAILING.
| | |
| | | - EXCHANGE THE CARD.
| | | - VERIFY THE REPAIR.
```

```
3 3 3
3 3 3
C C C
D E F
```

199
THE BSCA ML HAS AN ADDRESS AREA. NO OTHER DEVICE CAN USE THESE RESERVED ADDRESSES. THE CONFIGURATION TABLE FOUND A DEVICE WITH AN ADDRESS IN THIS AREA.
THE CONFIGURATION TABLE ENTRY WITH THE AREA ERROR MUST BE CHANGED.

200
SEE IF THE REMOTE IPL JUMPER IS INSTALLED ON THE BSCA CARD.

- ENTER ON THE CONSOLE:

  (B)   1F   (I)
  (B) 0X00   (I) (I)
        00   =   JUMPER NOT INSTALLED
        01   =   JUMPER INSTALLED
GO TO PAGE 24, STEP 137,
ENTRY POINT CB.

201
YOU HAVE ENTERED A WRONG SPECIFY CODE FOR A BSCA CARD. THE SPECIFY CODE IS NOT KNOWN FOR A BSCA CARD.
GO TO PAGE 32, STEP 193, ENTRY POINT TB.

202
(ENTRY POINT FM)

SEE THE PRINTER MESSAGE:

'BIAS JUMPER? 00=OFF, 01=ON'

IS THIS MESSAGE ON THE PRINTER?
Y N

  203
  SEE THE PRINTER MESSAGE:

  'MULTIPOINT TRIBUTARY JUMPER? 00=OFF, 01=ON'

  IS THIS MESSAGE ON THE PRINTER?
  Y N

    204
    SEE THE PRINTER MESSAGE:

    'JUMPER S0? 00=OFF, 01=ON'

    IS THIS MESSAGE ON THE PRINTER?
    Y N

      205
      SEE THE PRINTER MESSAGE:

      'JUMPER S1? 00=OFF, 01=ON'

      IS THIS MESSAGE ON THE PRINTER?
      Y N

        206
        SEE THE PRINTER MESSAGE:

        'JUMPER S2? 00=OFF, 01=ON'

        IS THIS MESSAGE ON THE PRINTER?
        Y N

3 3 3 3 3 3
C C C C C C
5 5 4 4 4 4
G H J K L M

```
C C C C      PRINTER, NO KEYBOARD                        MAP 3883-34
J K L M
3 3 3 3      PAPER ONLY MAP
| | | |          PAGE  34 OF  60
```

```
| | | |
| | | |  207
| | | |  GO TO PAGE 24, STEP 136,
| | | |  ENTRY POINT MF.
| | |
| | |    208
| | |    - SEE THE CUSTOMER FOR THE S2 JUMPER
| | |      INFORMATION.
| | |    - SET THE JUMPER TO THE CORRECT POSITION.
| | |
| | |    WHEN DONE, ANSWER THE FOLLOWING QUESTION:
| | |
| | |    IS THE S2 JUMPER INSTALLED?
| | |    Y N
| | |    | |
| | |    | |  209
| | |    | |  - ENTER ON THE CONSOLE:
| | |    | |    ---------------------
| | |    | |    (B)   1F       (I)
| | |    | |    (B) 0000     (I) (I)
| | |    | |           =     NO JUMPER INSTALLED
| | |    | |    GO TO PAGE 33, STEP 202,
| | |    | |    ENTRY POINT FM.
| | |    | |
| | |    | |  210
| | |    | |  - ENTER ON THE CONSOLE:
| | |    | |    ---------------------
| | |    | |    (B)   1F       (I)
| | |    | |    (B) 0100     (I) (I)
| | |    | |           =     JUMPER INSTALLED
| | |    | |    GO TO PAGE 33, STEP 202,
| | |    | |    ENTRY POINT FM.
| | |    |
| | |    | 211
| | |    | - SEE THE CUSTOMER FOR THE S1 JUMPER
| | |    |   INFORMATION.
| | |    | - SET THE JUMPER TO THE CORRECT POSITION.
| | |    |
| | |    | WHEN DONE, ANSWER THE FOLLOWING QUESTION:
| | |    |
| | |    | IS THE S1 JUMPER INSTALLED?
| | |    | Y N
| | |    | | |
| | |    | | |  212
| | |    | | |  - ENTER ON THE CONSOLE:
| | |    | | |    ---------------------
| | |    | | |    (B)   1F       (I)
| | |    | | |    (B) 0000     (I) (I)
| | |    | | |           =     NO JUMPER INSTALLED
| | |    | | |    GO TO PAGE 33, STEP 202,
| | |    | | |    ENTRY POINT FM.
| | |    | | |
| | |    | | |  213
| | |    | | |  - ENTER ON THE CONSOLE:
| | |    | | |    ---------------------
| | |    | | |    (B)   1F       (I)
| | |    | | |    (B) 0100     (I) (I)
| | |    | | |           =     JUMPER INSTALLED
| | |    | | |    GO TO PAGE 33, STEP 202, ENTRY POINT FM.
| | |
| | |    214
| | |    - SEE THE CUSTOMER FOR THE S0 JUMPER
| | |      INFORMATION.
| | |    - SET THE JUMPER TO THE CORRECT POSITION.
| | |
| | |    WHEN DONE, ANSWER THE FOLLOWING QUESTION:
| | |
| | |    IS THE S0 JUMPER INSTALLED?
| | |    Y N
| | |    | |
| | |    | |  215
| | |    | |  - ENTER ON THE CONSOLE:
| | |    | |    ---------------------
| | |    | |    (B)   1F       (I)
| | |    | |    (B) 0000     (I) (I)
| | |    | |           =     NO JUMPER INSTALLED
| | |    | |    GO TO PAGE 33, STEP 202, ENTRY POINT FM.
| | |
| | |    216
| | |    - ENTER ON THE CONSOLE:
| | |      ---------------------
| | |      (B)   1F       (I)
| | |      (B) 0100     (I) (I)
| | |             =     JUMPER INSTALLED
| | |    GO TO PAGE 33, STEP 202, ENTRY POINT FM.
```

217
- SEE THE CUSTOMER FOR THE MULTIPOINT
  TRIBUTARY JUMPER INFORMATION.
- SET THE JUMPER TO THE CORRECT POSITION.

WHEN DONE, ANSWER THE FOLLOWING QUESTION:

IS THE MULTIPOINT TRIBUTARY JUMPER
INSTALLED?
Y N
  │ 218
  │ - ENTER ON THE CONSOLE:
  │   ---------------------
  │   (B) 1F   (I)
  │   (B) 0000   (I) (I)
  │   =   NO JUMPER INSTALLED
  │   GO TO PAGE 33, STEP 202,
  │   ENTRY POINT FM.
  │ 219
  │ - ENTER ON THE CONSOLE:
  │   ---------------------
  │   (B) 1F   (I)
  │   (B) 0100   (I) (I)
  │   =   JUMPER INSTALLED
  │   GO TO PAGE 33, STEP 202,
  │   ENTRY POINT FM.
220
- SEE THE CUSTOMER FOR THE BIAS JUMPER
  INFORMATION.
- SET THE JUMPER TO THE CORRECT POSITION.

WHEN DONE, ANSWER THE FOLLOWING QUESTION:

IS THE BIAS JUMPER INSTALLED?
Y N
  │ 221
  │ - ENTER ON THE CONSOLE:
  │   ---------------------
  │   (B) 1F   (I)
  │   (B) 0000   (I) (I)
  │   =   NO JUMPER INSTALLED
  │   GO TO PAGE 33, STEP 202,
  │   ENTRY POINT FM.
222
- ENTER ON THE CONSOLE:

  (B) 1F   (I)
  (B) 0100   (I) (I)
       =   JUMPER INSTALLED
  GO TO PAGE 33, STEP 202, ENTRY POINT FM.
223
(ENTRY POINT TI)

SEE THE PRINTER MESSAGE:

'LINE INSTALLED? 00=NO, 01=YES'

IS THIS MESSAGE ON THE PRINTER?
Y N
  │ 224
  │ SEE THE PRINTER MESSAGE:
  │ 'SPECIFY CODE
  │ ENTER'
  │ IS THIS MESSAGE ON THE PRINTER?
  │ Y N
  │   │ 225
  │   │ SEE THE PRINTER MESSAGE:
  │   │ 'CLOCKS DURING WRAP? 00=NO, 01=YES'
  │   │ IS THIS MESSAGE ON THE PRINTER?
  │   │ Y N
  │   │   │ 226
  │   │   │ GO TO PAGE 23, STEP 135,
  │   │   │ ENTRY POINT AS.
  │   │ 227
  │   │ 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 WRAPPED?
  │   │ Y N
  │   │ │ │

3 3 3 3
6 6 6 6
C C C C
N P Q R

10JUL81   PN6837826
EC994400   PEC987889
           MAP 3883-35

```
C C C C      PRINTER, NO KEYBOARD                    MAP 3883-36
N P 0 R
3 3 9 3      PAPER ONLY MAP
5 5 5 5
|  | | |     PAGE  36 OF  60
```

```
   | | | |
   |  228
   | - ENTER ON THE CONSOLE:
   |   ---------------------
   |   (B)   1F       (I)
   |   (B)  0000      (I) (I)
   |         00    =     NO WRAP
   | GO TO PAGE 35, STEP 223,
   | ENTRY POINT TI.
   |
   | 229
   | - ENTER ON THE CONSOLE:
   |   ---------------------
   |   (B)   1F       (I)
   |   (B)  0100      (I) (I)
   |         01    =     WRAP
   | GO TO PAGE 35, STEP 223,
   | ENTRY POINT TI.
   |
  230
 - SEE THE NOTE TO THE RIGHT
 - ENTER THE SPECIFY CODE.

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

 - SEE THE MESSAGE ON THE PRINTER.

 'SPECIFY CODE NOT KNOWN'
```

```
TELEPROCESSING IS INSTALLED ON THE SYSTEM:
------------------------------------------
GET THE MACHINE HISTORY.
SEE THE COMMUNICATION FEATURE NUMBER.
REFERENCE SERIES 1 SERVICE AID THREE (3).
FIND THE FEATURE NUMBER IN THE SERVICE AID AND
FIND THE SPECIFY CODE IN IT THAT MATCHES  THE
NUMBER  IN  THE  MACHINE  HISTORY.  ENTER THIS
NUMBER AS THE 'SPECIFY CODE' IN THIS PROGRAM.

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.


FPMLC FEATURE CODE   =  2096
-----------------------------
SPECIFY CODE(S)      = 8010 THROUGH 8067
```

```
 IS THIS MESSAGE ON THE PRINTER?
 Y N
 | |
 | 231
 | GO TO PAGE 35, STEP 223,
 | ENTRY POINT TI.
 |
 232
 THE SPECIFY CODE IS NOT KNOWN.
 GO TO PAGE 35, STEP 223, ENTRY POINT TI.

233
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
| |
| 234
| - ENTER ON THE CONSOLE:
|   ---------------------
|   (B)   1F       (I)
|   (B)  0000      (I) (I)
|         00    =     NO LINE INSTALLED
| GO TO PAGE 35, STEP 223, ENTRY POINT TI.
|
235
- ENTER ON THE CONSOLE:
  ---------------------
  (B)   1F       (I)
  (B)  0100      (I) (I)
        01    =     LINE INSTALLED
GO TO PAGE 35, STEP 223, ENTRY POINT TI.
```

236
(ENTRY POINT TA)

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

EN = ENTRY NUMBER IN THE TABLE.
DA = DEVICE ADDRESS.
DT = DEVICE TYPE.
RID = READ ID.

- SEE THE NOTE TO THE RIGHT

- ENTER ON THE CONSOLE:

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

- SEE THE MESSAGE ON THE PRINTER.

'SPECIFY CODE NOT KNOWN'

ACCA SL FEATURE CODE	=	1610
SPECIFY CODE(S)	=	8100 THROUGH 8119
ACCA ML FEATURE CODE	=	2091
SPECIFY CODE(S)	=	8141 THROUGH 8146
ACCA ML FEATURE CODE	=	2092
SPECIFY CODE(S)	=	820X THROUGH 838X

TELEPROCESSING IS INSTALLED ON THE SYSTEM:

GET THE MACHINE HISTORY.
SEE THE COMMUNICATION FEATURE NUMBER.
REFERENCE SERIES 1 SERVICE AID THREE (3).
FIND THE FEATURE NUMBER IN THE SERVICE AID AND
FIND THE SPECIFY CODE IN IT THAT MATCHES THE
NUMBER IN THE MACHINE HISTORY. ENTER THIS
NUMBER AS THE 'SPECIFY CODE' IN THIS PROGRAM.

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.

IS THIS MESSAGE ON THE PRINTER?
Y N

237
- SEE THE MESSAGE ON THE PRINTER.

'ERROR - MULTI-LINE CONTROLLER AREA'

IS THIS MESSAGE ON THE PRINTER?
Y N

238
- SEE THE MESSAGE ON THE PRINTER.

'NO INTERRUPT'

IS THIS MESSAGE ON THE PRINTER?
Y N

239
GO TO PAGE 23, STEP 134,
ENTRY POINT CA.

240
THE ACCA CARD WITH THE ADDRESS NOTED ABOVE
IS FAILING.

- EXCHANGE THE CARD.
- VERIFY THE REPAIR.

241
THE ACCA ML HAS AN ADDRESS AREA. NO OTHER
DEVICE CAN USE THESE RESERVED ADDRESSES.
THE CONFIGURATION TABLE FOUND A DEVICE WITH
AN ADDRESS IN THIS AREA.
THE CONFIGURATION TABLE ENTRY WITH THE AREA
ERROR MUST BE CHANGED.

242
YOU HAVE ENTERED A WRONG SPECIFY CODE FOR AN
ACCA CARD. THE SPECIFY CODE IS NOT KNOWN FOR
AN ACCA CARD.
GO TO STEP 236, ENTRY POINT TA.

243
(ENTRY POINT SE)

SEE   THE   SPEECH   CONTROLLER FOR   THIS
ADDRESS.

- ENTER ON THE CONSOLE:

  (B)   1F   (I)
  (B) 0X00   (I) (I)

IF ID IS 2112 - LINES ARE 0 - 2
IF ID IS 2212 - LINES ARE 0 - 4

- SEE THE PRINTER MESSAGE:

'ENTRY NOT VALID
 ENTER'

IS THE ABOVE MESSAGE ON THE PRINTER?
Y N

  244
  GO TO PAGE 23, STEP 133,
  ENTRY POINT SF.

245
CORRECT THE ENTRY.
GO TO STEP 243,
ENTRY POINT SE.

246
(ENTRY POINT TV)

THERE IS A TAPE DRIVE INSTALLED AT DEVICE
ADDRESS 'XX'.

- SEE THE TAPE DRIVE TYPE.

- ENTER ON THE CONSOLE:

  (B)   1F   (I)
  (B) XX00   (I) (I)
       00 =   NRZI
       01 =   DUAL
       02 =   PE (PHASE ENCODED)

- SEE THE PRINTER MESSAGE:

'ENTRY NOT VALID
 ENTER'

IS THE ABOVE MESSAGE ON THE PRINTER?
Y N

  247
  GO TO PAGE 23, STEP 132,
  ENTRY POINT TU.

248
CORRECT THE ENTRY.
GO TO STEP 246, ENTRY POINT TV.

249
SEE IF A FLOATING POINT CARD IS INSTALLED ON
THE SYSTEM.

IS A FLOATING POINT CARD INSTALLED ON THE
SYSTEM?
Y N

  250
  A   FLOATING POINT CARD IS NOT INSTALLED ON
  THE SYSTEM.

  - ENTER ON THE CONSOLE:

    (B)   1F   (I)
    (B) 0000   (I) (I)
         00 =   NO
  GO TO PAGE 23, STEP 132, ENTRY POINT TU.

251
A FLOATING POINT CARD IS INSTALLED ON THE
SYSTEM.

- ENTER ON THE CONSOLE:

  (B)   1F   (I)
  (B) 0100   (I) (I)
       00 =   NO
       01 =   YES
GO TO PAGE 23, STEP 132, ENTRY POINT TU.

252
(ENTRY POINT MO)

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

IS AN OEMI CARD INSTALLED ON THE SYSTEM?
Y N

253
(ENTRY POINT NO)

- ENTER ON THE CONSOLE:

  (B)   1F   (I)
  (B) 0000   (I) (I)
         00 =   NO
  GO TO PAGE 23, STEP 131, ENTRY POINT FP.

254
AN OEMI ATTACHMENT CARD IS INSTALLED IN THE
SYSTEM.   THE OEMI ENTRY IS NOT IN THE
CONFIGURATION TABLE.

- ENTER ON THE CONSOLE:

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

AT THE PRINTED MESSAGE:

'ADDRESS
 ENTER'

- ENTER ON THE CONSOLE:

  (B)   1F   (I)
  (B) XX00   (I) (I)
         XX =   OEMI ADDRESS

SEE IF ANOTHER OEMI CARD IS INSTALLED ON THE
SYSTEM.   SEE IF THIS OTHER OEMI CARD IS IN THE
CONFIGURATION TABLE.

IS THERE ANOTHER OEMI CARD INSTALLED AND NOT
IN THE TABLE?
Y N

255
SEE THE MESSAGE ON THE PRINTER:

'ADDRESS=XX
 OIO CC = 000X'

IS THIS MESSAGE ON THE PRINTER?
Y N

256
GO TO STEP 253,
ENTRY POINT NO.

257

IS THE CONDITION CODE '0'?
Y N

258
THE OEMI ATTACHMENT CARD IS BAD.
- EXCHANGE THE CARD.
- VERIFY THE REPAIR.

259
- SEE IF AN OEMI ATTACHMENT CARD IS
  INSTALLED ON THE SYSTEM.

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

260
THE ENTRY IS NOT CORRECT.

REMEMBER THIS ERROR.
IT WILL HAVE TO BE CORRECTED.
- CONTINUE IN THIS MAP.
GO TO PAGE 23, STEP 131,
ENTRY POINT FP.

```
A C C    PRINTER, NO KEYBOARD                              MAP 3883-40
V S I
2 3 3    PAPER ONLY MAP
2 9 9
         PAGE  40 OF  60
```

```
     |
     |  261
     |  THE ADDRESS AND CONDITION CODE OF THE OEMI
     |  ENTRY IS PRINTED.  DETERMINE IF THE  ENTRY
     |  MADE BY YOU IS IN ERROR.
     |
     |  DID YOU MAKE AN ERROR?
     |  Y N
     |  | |
     |  | | 262
     |  | | THE OEMI ATTACHMENT CARD IS BAD.
     |  | | - EXCHANGE THE CARD.
     |  | | - VERIFY THE REPAIR.
     |  | |
     |  | 263
     |  | REMEMBER  THIS  ERROR.  IT WILL HAVE TO BE
     |  | CORRECTED.  CONTINUE IN THIS MAP.
     |  | GO TO PAGE 39, STEP 253,
     |  | ENTRY POINT NO.
     |  |
     |  264
     |  GO TO PAGE 39, STEP 252, ENTRY POINT MO.
     |
     265
     - SEE THE NOTE TO THE RIGHT
```

TWO CHANNEL SWITCH(ES) IS/ARE INSTALLED ON THE
SYSTEM.
- SEE IF THE CUSTOMER IS USING THE COMMON I/O

COMMON I/O

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

THE COMMON I/O ENTRIES IN THE CONFIGURATION
TABLE MUST HAVE BYTE 02 BIT 06 SET TO A ONE
(1). THE TWO CHANNEL SWITCH ENTRY IN THE
CONFIGURATION TABLE MUST HAVE BYTE 02 BIT 06
SET TO A ZERO (0), UNLESS MORE THAN ONE TWO
CHANNEL SWITCH IS INSTALLED.
SEE MAP PROLOG 3E00 SECTION 5.1, CONFIGURATION
INFORMATION.

```
     IS THE CUSTOMER USING THE COMMON I/O?
     Y N
     | |
     | | 266
     | | THE  COMMON  I/O  IS  NOT  BEING USED BY THE
     | | CUSTOMER.
     | |
     | | - ENTER ON THE CONSOLE:
     | |   ---------------------
     | |   (B)   1F          (I)
     | |   (B)  0000         (I) (I)
     | |         00 =        NO
     | |
     | | IS THE CONSOLE ENTRY MADE?
     | | Y N
     | | | |
     | | | | 267
     | | | | GO TO STEP 268,
     | | | | ENTRY POINT TF.
     | | | |
     | | | 268
     | | | (ENTRY POINT TF)
     | | |
     | | | - SEE THE MESSAGE ON THE PRINTER.
     | | |
     | | | 'REFERENCE THE TWO CHANNEL SWITCH CONSOLE(S)
     | | | SET THE SELECT SWITCH(ES) TO THIS PROCESSING
     | | | UNIT
     | | | ENSURE THE MODE SWITCH(ES) IS IN MANUAL MODE
     | | | PRESS AND RELEASE THE RESET PUSHBUTTON(S)
     | | | ENTER 01 WHEN ACTION IS COMPLETE.'
     | | |
     | | | IS THIS MESSAGE ON THE PRINTER?
     | | | Y N
     | | | | |
     | | | | | 269
     | | | | | CONSOLE ERROR.
     | | | | | DO THE ENTRY AGAIN AND
     | | | | | CONTINUE IN THE 'YES' COLUMN.
```

```
4 4
9 1
C C
U V
```

270
- FOLLOW THE INSTRUCTIONS ON THE PRINTER.
WHEN DONE,
- ENTER ON THE CONSOLE:

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

- SEE THE MESSAGE ON THE PRINTER.

'IS   ALTERNATE CONSOLE BEING USED BY YOU
INSTALLED IN COMMON I/O?
00=NO, 01=YES'

IS THIS MESSAGE ON THE PRINTER?
Y N
|
| 271
| GO TO PAGE 42, STEP 284, ENTRY POINT TG.
|
272
- SEE THE NOTE TO THE RIGHT

SEE IF THE PRINTER YOU ARE USING AS THE
ALTERNATE CONSOLE IS INSTALLED AS COMMON I/O.

COMMON I/O

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

THE COMMON I/O ENTRIES IN THE CONFIGURATION
TABLE MUST HAVE BYTE 02 BIT 06 SET TO A ONE
(1).   THE TWO CHANNEL SWITCH ENTRY IN THE
CONFIGURATION TABLE MUST HAVE BYTE 02 BIT 06
SET TO A ZERO '0), UNLESS MORE THAN ONE TWO
CHANNEL SWITCH IS INSTALLED.
SEE MAP PROLOG 3E00 SECTION 5.1, CONFIGURATION
INFORMATION.

IS THE PRINTER INSTALLED AS COMMON I/O?
Y N
| |
| | 273
| | - ENTER ON THE CONSOLE:
| | ---------------------
| | (B)   1F   (I)
| | (B) 0000   (I) (I)
| | 00 =   NO
| | GO TO PAGE 42, STEP 284, ENTRY POINT TG.
| |
| 274
| - ENTER ON THE CONSOLE:
| ---------------------
| (B)   1F   (I)
| (B) 0100   (I) (I)
| 01 =   YES
|
| - SEE THE MESSAGE ON THE PRINTER.
|
| 'IS A PROGRAMMER OR C E CONSOLE INSTALLED ON
| THE PROCESSING UNIT YOU ARE USING?'
| 00=NO, 01=YES'
|
| IS THIS MESSAGE ON THE PRINTER?
| Y N
| | |
| | | 275
| | | GO TO PAGE 42, STEP 284, ENTRY POINT TG.
| | |
| | 276
| | SEE IF A PROGRAMMER OR C E CONSOLE   IS
| | INSTALLED ON THE PROCESSING UNIT YOU ARE
| | USING.
| |
| | IS A PROGRAMMER OR C E CONSOLE INSTALLED ON
| | THE PROCESSING UNIT YOU ARE USING?
| | Y N
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
4 4
2 2
C C
W X

|
277
THE CONFIGURATION PROGRAM WILL TERMINATE IF
YOU ANSWER 'NO'.
THERE IS A PROGRAMMER OR C E CONSOLE
INSTALLED. BE CAREFUL OF YOUR ANSWERS.
READ THE QUESTION OVER AGAIN.

IF YOU MUST ANSWER 'NO', CONTINUE IN THIS
STEP AS FOLLOWS:

- ENTER ON THE CONSOLE:

  (B) 1F   (I)
  (B) 0000   (I) (I)
       00 =   NO
GO TO PAGE 1, STEP 001, ENTRY POINT A.

278
- ENTER ON THE CONSOLE:

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

- SEE THE MESSAGE ON THE PRINTER.

'IS ALTERNATE CONSOLE BEING USED BY YOU
INSTALLED IN FARTHEST COMMON I/O?
00=NO, 01=YES'

IS THIS MESSAGE ON THE PRINTER?
Y N

| 279
| ONE TWO CHANNEL SWITCH IS INSTALLED:
| GO TO STEP 284, ENTRY POINT TG.

280
MORE THAN ONE TWO CHANNEL SWITCH IS INSTALLED.

SEE IF THE PRINTER IS INSTALLED IN THE COMMON
I/O FARTHEST FROM THE PROCESSING UNIT YOU ARE
USING.

IS THE PRINTER INSTALLED IN THE FARTHEST
COMMON I/O?
Y N

| 281
| - ENTER ON THE CONSOLE:
| ---------------------
| (B) 1F   (I)
| (B) 0000   (I) (I)
| 00 =   NO
|
| COMPLETE THE ACTION AND:
| GO TO STEP 284, ENTRY POINT TG.

282
- ENTER ON THE CONSOLE:

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

IS THE ACTION COMPLETE?
Y N

| 283
| COMPLETE THE ACTION AND:
| GO TO STEP 284, ENTRY POINT TG.

284
(ENTRY POINT TG)

- SEE THE MESSAGE ON THE PRINTER.

'REFERENCE THE TWO CHANNEL SWITCH CONSOLE
NEAREST TO THE PROCESSING UNIT.
CHANGE THE SELECT SWITCH TO THE OTHER POSITION
PRESS AND RELEASE THE RESET PUSHBUTTON
ENTER 01 WHEN ACTION IS COMPLETE.'

IS THIS MESSAGE ON THE PRINTER?
Y N

285
- SEE THE MESSAGE ON THE PRINTER.

'REFERENCE THE TWO CHANNEL SWITCH CONSOLE
FARTHEST FROM THE PROCESSING UNIT.
CHANGE THE SELECT SWITCH TO THE OTHER POSITION
PRESS AND RELEASE THE RESET PUSHBUTTON
ENTER 01 WHEN ACTION IS COMPLETE.'

IS THIS MESSAGE ON THE PRINTER?
Y N
 │
 │ 286
 │ REFERENCE THE TWO CHANNEL SWITCH CONSOLE(S)
 │
 │ - SET THE SELECT SWITCH(ES) TO THIS
 │   PROCESSING UNIT.
 │ - PRESS AND RELEASE THE RESET PUSHBUTTON(S)
 │
 │ THE SELECT SWITCH(ES) IS/ARE SET TO THIS
 │ PROCESSING UNIT.
 │ GO TO PAGE 22, STEP 128, ENTRY POINT SC.
 │
287

IS THE FARTHEST SELECT SWITCH SET TO THE
PROCESSING UNIT YOU ARE USING?
Y N
 │
 │ 288
 │ ERROR - TWO CHANNEL SWITCH WAS IN THE WRONG
 │ POSITION.
 │ GO TO PAGE 22, STEP 130, ENTRY POINT OE.
 │
289
REFERENCE THE FARTHEST TWO CHANNEL SWITCH
CONSOLE.

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

WHEN DONE,
- ENTER ON THE CONSOLE:

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

- SEE THE LAST LINE OF THE MESSAGE ON THE
  PRINTER. SEE IF THE LAST LINE OF THE
  MESSAGE IS:

'ALT CONS OFF'

IS THE LAST LINE OF THE MESSAGE 'ALT CONS
OFF'?
Y N
 │
 │ 290
 │ GO TO PAGE 44, STEP 295, ENTRY POINT ET.
 │
291
THE PRINTER IS INSTALLED AS COMMON I/O, AND
CANNOT PRINT NOW. THERE WILL NOT BE ANY
MESSAGES ON THE PRINTER UNTIL AN 'ALT CONS ON'
MESSAGE PRINTS. SEE THE PROGRAMMER OR C E
CONSOLE FOR MESSAGES IN THE FOLLOWING
QUESTION.

- SEE THE DATA LAMPS:

DO THE DATA LAMPS EQUAL '385F'?
Y N
 │
 │ 292
 │ GO TO PAGE 46, STEP 309, ENTRY POINT EP.
 │
293
GO TO PAGE 44, STEP 294, ENTRY POINT TH.

294
(ENTRY POINT TH)

REFERENCE THE NEAREST TWO CHANNEL SWITCH
CONSOLE.

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

WHEN DONE,
- ENTER ON THE CONSOLE:

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

- SEE THE LAST LINE OF THE MESSAGE ON THE
  PRINTER.
- SEE IF THE LAST LINE OF THE MESSAGE IS:

'ALT CONS OFF'

IS THE LAST LINE OF THE MESSAGE 'ALT CONS
OFF'?
Y N

  295
  (ENTRY POINT ET)

  - SEE THE MESSAGE ON THE PRINTER.

  ERROR - TWO CHANNEL SWITCH WAS IN THE WRONG
  POSITION.

  IS THIS MESSAGE ON THE PRINTER?
  Y N

    296
    - SEE THE MESSAGE ON THE PRINTER.

    'ERROR - MORE THAN ONE TWO CHANNEL SWITCH
    DISAPPEARED'

    IS THIS MESSAGE ON THE PRINTER?
    Y N

      297
      - SEE THE MESSAGE ON THE PRINTER.

      'ERROR - ONE OF THE TWO CHANNEL SWITCHES
      DID NOT DISAPPEAR'

      IS THIS MESSAGE ON THE PRINTER?
      Y N

        298
        - SEE THE MESSAGE ON THE PRINTER.

        'ERROR - CAN'T FIND ONE OF THE TWO
        CHANNEL SWITCHES'

        IS THIS MESSAGE ON THE PRINTER?
        Y N

4 4 4 4 4 4
6 5 5 5 5 5
D D D D D D
A B C D E F

```
D D D D D    PRINTER, NO KEYBOARD                          MAP 3883-45
B C D E F
4 4 4 4 4    PAPER ONLY MAP
4 4 4 4 4
             PAGE  45 OF  60
```

```
    |
    |299
    - SEE THE MESSAGE ON THE PRINTER.

    'REFERENCE    THE   TWO  CHANNEL  SWITCH
    CONSOLE   NEAREST  TO  THE  PROCESSING
    UNIT.
    CHANGE THE SELECT SWITCH TO THE  OTHER
    POSITION
    PRESS AND RELEASE THE RESET PUSHBUTTON
    ENTER 01 WHEN ACTION IS COMPLETE.'

    IS THIS MESSAGE ON THE PRINTER?
    Y N
    | |
    | |  300
    | |
    | |  IS/ARE  THE SELECT SWITCH(ES) SET TO
    | |  THE PROCESSING UNIT YOU ARE USING?
    | |  Y N
    | |  | |
    | |  | |  301
    | |  | |  REFERENCE THE TWO  CHANNEL  SWITCH
    | |  | |  CONSOLE(S)
    | |  | |  SET  THE SELECT SWITCH(ES) TO THIS
    | |  | |  PROCESSING UNIT
    | |  | |  ENSURE THE MODE SWITCH(ES)  IS  IN
    | |  | |  MANUAL MODE
    | |  | |  PRESS  AND   RELEASE   THE   RESET
    | |  | |  PUSHBUTTON(S)
    | |  | |  ENTER 01 WHEN ACTION IS COMPLETE.
    | |  | |
    | |  | |  - ENTER ON THE CONSOLE:
    | |  | |    ----------------------
    | |  | |    (B)   1F       (I)
    | |  | |    (B)  0100      (I) (I)
    | |  | |          01 =     YES
    | |  | |
    | |  | |  - WAIT ONE MINUTE.
    | |  | |  GO TO PAGE 22, STEP 130,
    | |  | |  ENTRY POINT OE.
    | |  | |
    | |  | 302
    | |  | GO TO PAGE 22, STEP 130,
    | |  | ENTRY POINT OE.
    | |  |
    | |  303
    | |  GO TO PAGE 42, STEP 284,
    | |  ENTRY POINT TG.
    | |
    | 304
    | GO TO PAGE 22, STEP 128,
    | ENTRY POINT SC.
    |
    305
    GO TO PAGE 22, STEP 128,
    ENTRY POINT SC.
    |
    306
    GO TO PAGE 22, STEP 128, ENTRY POINT SC.
307
GO TO PAGE 22, STEP 128, ENTRY POINT SC.
```

308
THE PRINTER IS INSTALLED AS COMMON I/O, AND
CANNOT PRINT NOW. THERE WILL NOT BE ANY
MESSAGES ON THE PRINTER UNTIL AN 'ALT CONS ON'
MESSAGE PRINTS. SEE THE PROGRAMMER OR C E
CONSOLE FOR MESSAGES IN THE FOLLOWING
QUESTION.

- SEE THE DATA LAMPS:

DO THE DATA LAMPS EQUAL '385D'?
Y N

309
(ENTRY POINT EP)

- SEE THE DATA LAMPS.

DO THE DATA LAMPS EQUAL '3834'?
Y N

310
- SEE THE DATA LAMPS.

DO THE DATA LAMPS EQUAL '3837'?
Y N

311
- SEE THE DATA LAMPS.

DO THE DATA LAMPS EQUAL '383C'?
Y N

312
- SEE THE DATA LAMPS.

DO THE DATA LAMPS EQUAL '3845'?
Y N

4 4 4 4 4 4
9 8 8 8 8 7
D D D D D D
G H J K L M

313
- SEE THE DATA LAMPS.

DO THE DATA LAMPS EQUAL '3866'?
Y N

| 314
| - SEE THE DATA LAMPS.
|
| DO THE DATA LAMPS EQUAL '3867'?
| Y N
|
| | 315
| | - SEE THE DATA LAMPS.
| |
| | DO THE DATA LAMPS EQUAL '3868'?
| | Y N
| |
| | | 316
| | | - SEE THE DATA LAMPS.
| | |
| | | DO THE DATA LAMPS EQUAL '3869'?
| | | Y N
| | |
| | | | 317
| | | | GO TO PAGE 44, STEP 295,
| | | | ENTRY POINT ET.
| | |
| | | 318
| | | THE DATA LAMPS EQUAL '3869'.
| | |
| | | THE CONFIGURATION PROGRAM CANNOT
| | | CONTINUE WITHOUT A PROGRAMMER OR C E
| | | CONSOLE INSTALLED ON THE PROCESSING UNIT
| | | YOU ARE USING.
| | | INSTALL A PROGRAMMER OR C E CONSOLE TO
| | | CONTINUE.
| | | THE CONFIGURATION PROGRAM TERMINATED.
| | | START OVER IN THIS MAP WHEN A CONSOLE IS
| | | INSTALLED.
| | | GO TO PAGE 1, STEP 001,
| | | ENTRY POINT A.
| |
| | 319
| | THE DATA LAMPS EQUAL '3868'.
| |
| | THE ALTERNATE CONSOLE DID NOT DISAPPEAR
| | AFTER THE TWO CHANNEL SWITCH WAS CHANGED.
| | YOU INFORMED THE CONFIGURATION PROGRAM
| | THAT THE CONSOLE WOULD NOT BE AVAILABLE TO
| | IT, BUT WHEN YOU CHANGED THE TCS SWITCH,
| | THE ALTERNATE CONSOLE DID NOT DISAPPEAR.
| |
| | - ENTER ON THE PROGRAMMER CONSOLE:
| | --------------------------------
| | (B)   6   (I) (I)
| | 6 =   RESUME
| |
| | THE CONFIGURATION PROGRAM WILL TERMINATE.
| | START OVER IN THIS MAP. BE CAREFUL OF
| | YOUR ANSWERS.
| | GO TO PAGE 1, STEP 001,
| | ENTRY POINT A.
|
| 320
| THE DATA LAMPS EQUAL '3867'.
|
| THE ALTERNATE CONSOLE DID NOT APPEAR AFTER
| THE TWO CHANNEL SWITCH WAS CHANGED. YOU
| INFORMED THE CONFIGURATION PROGRAM THAT THE
| CONSOLE WOULD BE AVAILABLE TO IT, BUT WHEN
| YOU CHANGED THE TCS SWITCH,   THE ALTERNATE
| CONSOLE DID NOT APPEAR.
|
| - ENTER ON THE PROGRAMMER CONSOLE:
| --------------------------------
| (B)   6   (I) (I)
| 6 =   RESUME
|
| THE CONFIGURATION PROGRAM WILL TERMINATE.
| START OVER IN THIS MAP. BE CAREFUL OF YOUR
| ANSWERS.
| GO TO PAGE 1, STEP 001, ENTRY POINT A.

321
THE DATA LAMPS EQUAL '3866'.

THE   ALTERNATE   CONSOLE   DISAPPEARED
AFTER   THE   TWO   CHANNEL   SWITCH   WAS
CHANGED.   YOU   INFORMED   THE
CONFIGURATION PROGRAM THAT THE CONSOLE
WOULD BE AVAILABLE TO IT, BUT WHEN YOU
CHANGED THE TCS SWITCH, THE ALTERNATE
CONSOLE DISAPPEARED.

- ENTER ON THE PROGRAMMER CONSOLE:

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

THE   CONFIGURATION   PROGRAM   WILL
TERMINATE.
START OVER IN THIS MAP. BE CAREFUL OF
YOUR ANSWERS.
GO TO PAGE 1, STEP 001,
ENTRY POINT A.

322
THE DATA LAMPS EQUAL '3845'.
THE TWO CHANNEL SWITCH WAS IN THE WRONG
POSITION.
YOU PROBABLY CHANGED THE WRONG SWITCH,
OR   FAILED   TO   CHANGE   A   SWITCH WHEN
INSTRUCTED.

- ENTER ON THE PROGRAMMER CONSOLE:

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

THE   CONFIGURATION   PROGRAM   WILL
TERMINATE.
START OVER IN THIS MAP. BE CAREFUL WHEN
SWITCHING TO USE THE CORRECT TWO CHANNEL
SWITCH CONSOLE.
GO TO PAGE 1, STEP 001,
ENTRY POINT A.

323
THE DATA LAMPS EQUAL '383C'.
ONE OF THE TWO CHANNEL SWITCHES CANNOT BE
FOUND.
YOU PROBABLY CHANGED THE WRONG SWITCH.

- ENTER ON THE PROGRAMMER CONSOLE:

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

THE CONFIGURATION PROGRAM WILL TERMINATE.
START OVER IN THIS MAP. BE CAREFUL WHEN
SWITCHING TO USE THE CORRECT TWO CHANNEL
SWITCH CONSOLE.
GO TO PAGE 1, STEP 001,
ENTRY POINT A.

324
THE DATA LAMPS EQUAL '3837'.
ONE OF THE TWO CHANNEL SWITCHES DID NOT
DISAPPEAR.
YOU PROBABLY CHANGED THE WRONG SWITCH.

- ENTER ON THE PROGRAMMER CONSOLE:

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

THE CONFIGURATION PROGRAM WILL TERMINATE.
START OVER IN THIS MAP.   BE CAREFUL WHEN
SWITCHING TO USE THE CORRECT TWO CHANNEL
SWITCH CONSOLE.
GO TO PAGE 1, STEP 001, ENTRY POINT A.

325
THE DATA LAMPS EQUAL '3834'.
MORE THAN ONE TWO CHANNEL SWITCH DISAPPEARED.
YOU PROBABLY CHANGED THE WRONG SWITCH.

- ENTER ON THE PROGRAMMER CONSOLE:

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

THE CONFIGURATION PROGRAM WILL TERMINATE.
START OVER IN THIS MAP.   BE CAREFUL WHEN
SWITCHING TO USE THE CORRECT TWO CHANNEL
SWITCH CONSOLE.
GO TO PAGE 1, STEP 001, ENTRY POINT A.

```
A C D       PRINTER, NO KEYBOARD                              MAP 3883-49
U U G
2 4 4       PAPER ONLY MAP
2 0 6
              PAGE  49 OF  60
```

```
326
REFERENCE   THE   TWO   CHANNEL   SWITCH
CONSOLE(S)
SET   THE   SELECT   SWITCH(ES)   TO   THIS
PROCESSING UNIT
ENSURE   THE   MODE   SWITCH(ES) IS IN MANUAL
MODE
PRESS AND RELEASE THE RESET PUSHBUTTON(S)
ENTER 01 WHEN ACTION IS COMPLETE.

- ENTER ON THE CONSOLE:
  ----------------------
  (B)    1F        (I)
  (B) 0100       (I) (I)
       01 =      YES

- WAIT ONE MINUTE.
GO TO PAGE 22, STEP 130,
ENTRY POINT OE.
```

```
327
THE   COMMON   I/O   IS   BEING   USED   BY   THE
CUSTOMER.  THE CONFIGURATION PROGRAM CANNOT
CONTINUE THE AUTO CONFIGURATION.

- ENTER ON THE CONSOLE:
  ----------------------
  (B)    1F        (I)
  (B) 0100       (I) (I)
       01 =      YES
```

THE CONFIGURATION PROGRAM WILL TERMINATE.

```
328
(ENTRY POINT IS)
```

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

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

- SEE THE MESSAGE ON THE PRINTER:

'ADDRESS TRANSLATOR? 00=NO, 01=YES'
ENTER'

IS THIS MESSAGE ON THE PRINTER?
Y N

```
| 329
| - SEE THE MESSAGE ON THE PRINTER:
|
| 'ENTRY NOT VALID'
|
| IS THIS MESSAGE ON THE PRINTER?
| Y N
|
| | 330
| | GO TO PAGE 22, STEP 129,
| | ENTRY POINT TD.
|
| 331
| THE ENTRY MADE BY YOU IS NOT VALID.
| GO TO STEP 328, ENTRY POINT IS.
```

```
332
(ENTRY POINT OS)
```

SEE IF AN ADDRESS TRANSLATOR IS INSTALLED.

IS AN ADDRESS TRANSLATOR INSTALLED?
Y N

```
| 333
| - ENTER ON THE CONSOLE:
|   ----------------------
|   (B)    1F        (I)
|   (B) 0000       (I) (I)
|        00 = NO ADDRESS TRANSLATOR
|
| GO TO PAGE 22, STEP 129, ENTRY POINT TD.
```

334
THERE   IS   AN   ADDRESS   TRANSLATOR
INSTALLED.

- ENTER ON THE CONSOLE:

  (B)   1F   (I)
  (B) 0100   (I) (I)
         01 = ADDRESS TRANSLATOR

- SEE THE MESSAGE ON THE PRINTER:

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

IS THIS MESSAGE ON THE PRINTER?
Y N

  335
  GO TO PAGE 22, STEP 129,
  ENTRY POINT TD.

336
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
              BLOCKS INSTALLED.

        0001 = 16K OUTER STORAGE SIZE
        0002 = 32K OUTER STORAGE SIZE
        0003 = 48K OUTER STORAGE SIZE
        0004 = 64K OUTER STORAGE SIZE

- SEE THE MESSAGE ON THE PRINTER:

'ENTRY NOT VALID'

IS THIS MESSAGE ON THE PRINTER?
Y N

  337
  GO TO PAGE 22, STEP 129,
  ENTRY POINT TD.

338
THE ENTRY MADE BY YOU IS NOT VALID.
GO TO PAGE 49, STEP 332,
ENTRY POINT OS.

339
YOU WANT TO PRINT THE SYSTEM EQUIPMENT.
THE CONFIGURATION PROGRAM WILL PRINT WHAT
IS INSTALLED ON THE SYSTEM.
ALL CONFIGURATION ERRORS ARE IGNORED.

- ENTER ON THE CONSOLE:

  (B)   1F   (I)
  (B) 0900   (I) (I)
         09 =   PRINT SYSTEM EQUIPMENT

AFTER THE SYSTEM EQUIPMENT IS PRINTED,
GO TO PAGE 5, STEP 020,
ENTRY POINT OT.

340
YOU WANT TO PRINT THE CONFIGURATION TABLE.

- ENTER ON THE CONSOLE:

  (B)   1F   (I)
  (B) 0100   (I) (I)
         01 =   PRINT TABLE

WAIT FOR THE CONFIGURATION TABLE TO PRINT.
GO TO PAGE 5, STEP 020, ENTRY POINT OT.

341
- SEE IF THERE IS ONLY ONE CONFIGURATION
ERROR.
IS THERE ONLY ONE CONFIGURATION ERROR?
Y N

  342
  - SEE IF THERE ARE ONLY TWO CONFIGURATION
  ERRORS.

  ARE THERE ONLY TWO CONFIGURATION ERRORS?
  Y N
  | |
  | |

5 5 5
2 1 1
D D D
Q R S

343
THERE   ARE   MORE   THAN   TWO   CONFIGURATION
ERRORS.
GO TO PAGE 53, STEP 359, ENTRY POINT MT.

344
THERE ARE TWO CONFIGURATION ERRORS.

'....IN HARDWARE NOT IN TABLE....'
'....IN TABLE NOT IN HARDWARE....'

ARE THERE ONE EACH OF THE ABOVE ERRORS?
Y N

  345
  GO TO PAGE 53, STEP 359, ENTRY POINT MT.

346
NOTE:
THE ATTACHMENT LOGIC FOR SOME DEVICES (FOR
EXAMPLE THE 4962, 4982) IS LOCATED ON TWO OR
MORE CARDS.

- EXCHANGE EACH CARD USED IN THE ATTACHMENT
  FUNCTION.
- TEST AFTER EACH EXCHANGE TO FIND THE FAILING
  CARD.

DO THE ERRORS HAVE THE SAME DEVICE ID?
Y N

  347
  SEE THE 'IN TABLE NOT IN HARDWARE' ERROR.
  SEE THE 'IN TABLE NOT IN HARDWARE' DEVICE
  ID.

  DID THE 'IN TABLE NOT IN HARDWARE' ERROR
  HAVE AN ID OF '0000'?
  Y N

    348
    GO TO PAGE 53, STEP 359,
    ENTRY POINT MT.

  349
  THE 'IN HARDWARE NOT IN TABLE' ERROR HAS THE
  CORRECT DEVICE ADDRESS. THE 'IN TABLE NOT
  IN HARDWARE' ERROR DOES NOT HAVE THE CORRECT
  DEVICE ADDRESS.

  - CHANGE THE TABLE ENTRY TO THE CORRECT
    DEVICE ADDRESS.
  GO TO PAGE 19, STEP 115, ENTRY POINT MD.

350
THE DEVICE FOR THE LOGGED I.D.   WORD IS
ANSWERING TO THE WRONG ADDRESS AND FAILING TO
ANSWER TO THE CORRECT ADDRESS. THE ADDRESS
JUMPERS MAY NOT BE CORRECT.   SEE MLD VOLUME
01.

- CHECK THE ADDRESS JUMPERS ON THE ATTACHMENT
  CARD FOR THE FAILING DEVICE.

ARE THE ADDRESS JUMPERS CORRECT ON THE CARD?
Y N

  351
  THE CARD IS ANSWERING TO THE WRONG ADDRESS.

  - IGNORE THE CONFIGURATION ERRORS.
  - GO TO THE MAP PROLOG OF THE SUSPECT
    DEVICE.

  FOR A MORE THAN ONE ADDRESS DEVICE AND
  SUBSYSTEM, SEE THE DEVICE PROLOG, 1.4 AND
  4.0. THERE MAY BE SPECIAL INSTRUCTIONS FOR
  CONFIGURATION ERROR(S) AND/OR   MACHINE
  CHECK(S).

352
- CORRECT THE CONFIGURATION TABLE.
GO TO PAGE 5, STEP 020, ENTRY POINT OT.

|
353
(ENTRY POINT ER)

- SEE THE ERROR PRINTOUT.

IS THE ERROR MESSAGE 'ERROR - IN HARDWARE NOT
IN TABLE'?
Y N
  |
  | 354
  | - SEE THE ERROR PRINTOUT.
  |
  | IS THE ERROR MESSAGE 'ERROR - IN TABLE NOT
  | IN HARDWARE'?
  | Y N
  | |
  | | 355
  | | - SEE THE ERROR PRINTOUT.
  | |
  | | IS THE ERROR MESSAGE 'ID MISMATCH'?
  | | Y N
  | | |
  | | | 356
  | | | - SEE THE ERROR PRINTOUT.
  | | |
  | | | IS THE ERROR MESSAGE 'TABLE DEVICE TYPE
  | | | VS TABLE READ ID'?
  | | | Y N
  | | | |
  | | | | 357
  | | | | - SEE THE ERROR PRINTOUT.
  | | | |
  | | | | IS THE ERROR MESSAGE 'ERROR - ERROR IN
  | | | | READ DEVICE I.D'?
  | | | | Y N
  | | | | | |

5 5 5 5 5 5
9 8 7 7 6 3
D D D D D D
T U V W X Y

358
- SEE THE ERROR PRINTOUT.

IS THE ERROR MESSAGE 'ERROR - DUP ADD ENTRY XX
& YY'?
Y N

| 359
| (ENTRY POINT MT)
|
| THE REMAINING ERROR TYPES MAY INDICATE
| CONFIGURATION DIFFERENCES OR HARDWARE
| FAILURES.
|
| - COMPARE THE TABLE JUST PRINTED TO THE
| SYSTEM HARDWARE.
|
| DOES THE TABLE AS READ FROM DISKETTE MATCH
| THE HARDWARE?
| Y N
|
| | 360
| | GO TO PAGE 5, STEP 020,
| | ENTRY POINT OT.
|
| 361
| THIS IS A HARDWARE PROBLEM
|
| THE FIRST BYTE OF THE CONFIGURATION ENTRY IS
| THE DEVICE ADDRESS.
|
| ***NOTE***
| SOME SINGLE CARDS ANSWER TO SEVERAL
| ADDRESSES, FOR EXAMPLE: TIMER, IDIDO, 4982
| SUBSYSTEM, MULTI-LINE CONTROLLER(S)
|
| IF ALL FAILING ADDRESSES ARE ANSWERED BY ONE
| CARD, COUNT THEM AS ONE ERROR AT THE BASE
| ADDRESS.
|
| ARE ALL FAILING ADDRESSES ASSIGNED TO
| DEVICES IN THIS SYSTEM?
| Y N
|
| | 362
| | GO TO PAGE 54, STEP 371,
| | ENTRY POINT F.
|
| 363
| - SEE IF A CHANNEL REPOWER CARD IS INSTALLED
| ON THE SYSTEM.
|
| ARE ALL FAILING ATTACHMENTS OUTBOARD OF A
| CHANNEL REPOWER CARD?
| Y N
|
| | 364
| | (ENTRY POINT G)
| |
| | - SEE THE NOTE TO THE RIGHT
| | - SEE IF A TWO CHANNEL SWITCH CARD IS
| | CABLED TO THIS PROCESSING UNIT.
| |
| |
| |
| |
| |
| |
| |
| |
| |
| | IS A TWO CHANNEL SWITCH CARD CABLED TO THE
| | PROCESSING UNIT?
| | Y N
| |
| | | 365
| | | GO TO PAGE 54, STEP 367,
| | | ENTRY POINT I.
| |
| | 366
| | - SEE IF ALL THE FAILING ATTACHMENTS ARE
| | PART OF THE 'COMMON I/O'.
| |
| | ARE ALL THE FAILING ATTACHMENTS AS NOTED
| | ABOVE?
| | Y N

COMMON I/O

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

THE COMMON I/O ENTRIES IN THE CONFIGURATION
TABLE MUST HAVE BYTE 02 BIT 06 SET TO A ONE
(1). THE TWO CHANNEL SWITCH ENTRY IN THE
CONFIGURATION TABLE MUST HAVE BYTE 02 BIT 06
SET TO A ZERO (0), UNLESS MORE THAN ONE TWO
CHANNEL SWITCH IS INSTALLED.
SEE MAP PROLOG 3E00 SECTION 5.1, CONFIGURATION
INFORMATION.

5 5 5 5
6 5 5 4
N E E E
  A B C

367
(ENTRY POINT I)

- SEE IF ALL THE FAILING ADDRESSES ARE
  INSTALLED IN ONE MODULE.

ARE ALL THE FAILING ADDRESSES INSTALLED IN ONE
MODULE?
Y N
 |
 | 368
 | GO TO STEP 371, ENTRY POINT F.
 |
369
- SEE MLD VOLUME 01, PROCESSING UNIT OR   - SEE THE PROCESSING UNIT MIM FOR VOLTAGE
  EXPANSION LOGICS (AXXX).   TOLERANCES AND SETTINGS.
- USE THE CE METER TO CHECK ALL VOLTAGES AT
  THE SOCKET OF A FAILING DEVICE.

ARE ALL VOLTAGES CORRECT?
Y N
 |
 | 370
 | GO TO MAP 1470, ENTRY POINT A.
 |
371
(ENTRY POINT F)

NOTE
SOME SINGLE CARDS ANSWER TO SEVERAL ADDRESSES,
FOR EXAMPLE: THE TIMER, IDIDO, 4982 SUBSYSTEM
AND MULTI-LINE CONTROLLER(S)

IF ALL FAILING ADDRESSES ARE ANSWERED BY ONE
CARD, COUNT THEM AS ONE ERROR AT THE BASE
ADDRESS.
'....IN HARDWARE NOT IN TABLE....'
'....I.D. MISMATCH....'

ARE ALL THE ERRORS ONE OF THESE TYPES?
Y N
 |
 | 372
 | - SEE IF ALL THE ERRORS ARE 'IN TABLE NOT IN
 | HARDWARE'.
 |
 | ARE ALL THE ERRORS 'IN TABLE NOT IN
 | HARDWARE'?
 | Y N
 | |
 | | 373
 | | GO TO MAP 0070, ENTRY POINT A.
 | |
 | 374
 | AN OIO CONDITION CODE OF 00 WAS RETURNED
 | FROM READ ID'S TO SEVERAL DEVICES THAT HAVE
 | ENTRIES IN THE CONFIGURATION TABLE AS READ
 | FROM DISKETTE. SEE MLD VOLUME 01,
 | PROCESSING UNIT OR EXPANSION LOGICS (AXXXX).
 |
 | - CHECK THE DATA BUS FOR LOOSE
 | CABLE(S)/REPOWER CARD(S) FROM THE
 | PROCESSING UNIT TO THE FAILING DEVICES.
 | IF NO PROBLEM IS FOUND,
 | GO TO MAP 0070, ENTRY POINT A.
 |
375
- SEE IF ALL THE ERRORS ARE 'ID MISMATCH'.

ARE ALL THE ERRORS 'I.D. MISMATCH'?
Y N
 |
 | 376
 | THERE PROBABLY ARE BITS THAT ARE 'ON', ON
 | THE DATA CHANNEL
 | GO TO MAP 0070, ENTRY POINT A.
 |
377
THERE PROBABLY ARE BITS THAT ARE 'OFF', ON THE
DATA CHANNEL.

- SEE THE ERRORS FOR THE ADDRESS AND I.D.
  WORD RECEIVED.
- SEE MAP 3880, SECTION 08.01.05 FOR THE
  CORRECT I.D. WORDS.
- SEE THE MLD VOLUME 01, PROCESSING UNIT OR
  EXPANSION MODULE LOGICS.
- CHECK CONTINUITY OF ALL THE SUSPECT LINES.

IF THERE ARE NO OPEN LINES,
GO TO MAP 0070, ENTRY POINT A.

378
THE TWO CHANNEL SWITCH CARD AND CABLE(S) ARE
SUSPECT.

- INSPECT   THE   CABLE(S) FOR DAMAGE AND
  SEATING.

ARE THE CABLE(S) OK?
Y N

  379
  - REPAIR, EXCHANGE OR RESEAT THE CABLE(S).
  - VERIFY THE REPAIR.

380
- SEE IF A TWO CHANNEL SWITCH CARD IS
  AVAILABLE FOR AN EXCHANGE.

IS A TWO CHANNEL SWITCH CARD AVAILABLE FOR
AN EXCHANGE?
Y N

  381
  - MOVE A/THE FAILING CARD TO A SOCKET THAT
    IS NOT PART OF THE 'COMMON I/O'

  REMEMBER THAT EVERY OTHER CARD SOCKET MUST
  BE   USED.   SEE   MLD   VOLUME 01,   THE
  PROCESSING   UNIT   OR   EXPANSION MODULE
  LOGICS.
  - JUMPER POLL (PINS M11 TO M12) IN EACH
    EMPTY SOCKET AS NECESSARY.

  - IPL   .

  DOES THE CARD THAT WAS MOVED STILL FAIL?
  Y N

    382
    - REMOVE THE POLL JUMPER(S) IF ANY.
    - INSTALL THE MOVED CARD TO ITS ORIGINAL
      LOCATION,
    - EXCHANGE THE TWO CHANNEL SWITCH CARD.
    - VERIFY THE REPAIR.

    383
    - REMOVE THE POLL JUMPER(S), IF ANY.
    - INSTALL THE MOVED CARD TO ITS ORIGINAL
      LOCATION AND
    GO TO PAGE 54, STEP 367,
    ENTRY POINT I.

  384
  - EXCHANGE THE TWO CHANNEL SWITCH CARD.
  - IPL

  DOES   THE   SYSTEM   STILL HAVE THE 'SAME'
  FAILURE?
  Y N

    385
    - LEAVE THE NEW CARD INSTALLED OR EXCHANGE
      THE FAILING CARD.
    - VERIFY THE REPAIR.

  386
  IF THE TWO CHANNEL SWITCH CARD WAS
  EXCHANGED:

  - INSTALL THE ORIGINAL CARD AND:
  GO TO PAGE 54, STEP 367, ENTRY POINT I.

387
THE CHANNEL REPOWER CARD AND CABLE(S) ARE
SUSPECT.

- INSPECT THE CABLE(S) FOR DAMAGE AND SEATING.

ARE THE CABLE(S) OK?
Y N

  388
  - REPAIR, EXCHANGE OR RESEAT THE CABLE(S).
  - VERIFY THE REPAIR.

389
- SEE IF A CHANNEL REPOWER CARD IS AVAILABLE
  FOR AN EXCHANGE.

IS A CHANNEL REPOWER CARD AVAILABLE FOR AN
EXCHANGE?
Y N

5 5
6 6
E E
D E

```
D D E E
X Z D E
5 5 5 5
2 3   5
```
PRINTER, NO KEYBOARD

PAPER ONLY MAP

PAGE 56 OF 60

MAP 3883-56

390
- MOVE A/THE FAILING CARD TO A SOCKET
  THAT IS NOT PART OF THE REPOWER CARD
  AREA.

REMEMBER THAT EVERY OTHER CARD SOCKET
MUST BE USED. SEE MLD VOLUME 01, THE
PROCESSING UNIT OR EXPANSION MODULE
LOGICS.
- JUMPER POLL (PINS M11 TO M12) IN EACH
  EMPTY SOCKET AS NECESSARY.

- IPL

DOES THE CARD THAT WAS MOVED STILL FAIL?
Y N

    391
    - REMOVE THE POLL JUMPER(S) IF ANY.
    - INSTALL THE MOVED CARD TO ITS
      ORIGINAL LOCATION,
    - EXCHANGE THE REPOWER CARD.
    - VERIFY THE REPAIR.

    392
    - REMOVE THE POLL JUMPER(S) IF ANY.
    - INSTALL THE MOVED CARD TO ITS ORIGINAL
      LOCATION AND
    GO TO PAGE 54, STEP 367,
    ENTRY POINT I.

393
- EXCHANGE THE REPOWER CARD.
- IPL

DOES THE SYSTEM STILL HAVE THE 'SAME'
FAILURE?
Y N

    394
    - LEAVE THE NEW CARD INSTALLED OR
      EXCHANGE THE FAILING CARD.
    - VERIFY THE REPAIR.

395
IF THE REPOWER CARD WAS EXCHANGED:

- INSTALL THE ORIGINAL CARD AND
GO TO PAGE 53, STEP 364,
ENTRY POINT G.

396
'ERROR - DUP ADD ENTRY XX & YY'.

SEE THE PRINTED CONFIGURATION TABLE.
SEE BYTES 00 IN EACH ENTRY.
SEE WHICH BYTES 00 HAVE THE SAME ADDRESS.
SEE WHICH ENTRY IS NOT CORRECT.
THE ENTRY THAT IS NOT CORRECT MUST BE
CHANGED.
GO TO PAGE 19, STEP 115, ENTRY POINT MD.

397
NOTE
SOME SINGLE CARDS ANSWER TO SEVERAL ADDRESSES
FOR EXAMPLE: THE TIMER, IDIDO, 4982 SUBSYSTEM
AND MULTI-LINE CONTROLLER(S)

IF ALL THE FAILING ADDRESSES ARE ANSWERED BY
ONE CARD, COUNT THEM AS ONE ERROR AT THE BASE
ADDRESS.

IS THERE MORE THAN ONE 'ERROR IN READ DEVICE
I.D. ....'?
Y N

    398
    - SEE IF THE LOGGED ADDRESS IS THAT OF A
      DEVICE IN THIS SYSTEM.

    IS THE LOGGED ADDRESS THAT OF A DEVICE IN
    THIS SYSTEM?
    Y N

        399
        GO TO MAP 0070, ENTRY POINT A.

```
5 5
7 7
E E
F G
```

```
D D E E      PRINTER, NO KEYBOARD                              MAP 3883-57
V W F G
5 5 5 5      PAPER ONLY MAP
2 2 6 6
                PAGE  57 OF  60
```

```
| | | |
| | | |
```

400
TO TERMINATE THE CONFIGURATION PROGRAM.

- ENTER ON THE CONSOLE:

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

FOR A MORE THAN ONE ADDRESS DEVICE AND
SUBSYSTEM, SEE THE DEVICE PROLOG, 1.4
AND 4.0. THERE MAY BE SPECIAL
INSTRUCTIONS FOR CONFIGURATION ERROR(S)
AND/OR MACHINE CHECK(S).

  - GO TO THE DEVICE ENTRY MAP FOR THE
    FAILING DEVICE.

401
GO TO MAP 0070, ENTRY POINT A.

402
'ERROR - DEVICE TYPE VS READ ID'
'ENTRY XX - AATT............IDID'
AA =   DEVICE ADDRESS.
TT =   DEVICE TYPE.
IDID = DEVICE ID.
THE DEVICE TYPE CODE (AA) AND THE I.D. WORD
(IDID) IN THE ENTRY (XX) ARE NOT FOR THE
SAME DEVICE. SEE MAP 3880, SECTION SECTION
08.01.05 FOR THE CORRECT I.D./TYPE.
THE CONFIGURATION TABLE MUST BE CORRECTED.
ENTRY 'XX' MUST BE CHANGED.
GO TO PAGE 19, STEP 115, ENTRY POINT MD.

403
'ERROR - 'ID MISMATCH'.
'DEVICE ADDRESS = YYYY DEVICE ID = ZZZZ'
'ENTRY XX - AATT............IDID'
AA =   DEVICE ADDRESS.
TT =   DEVICE TYPE.
IDID = DEVICE ID.
XX = ENTRY NUMBER FROM TABLE.
YYYY = DEVICE ADDRESS READ BY THE PROGRAM.
ZZZZ = DEVICE TYPE READ BY THE PROGRAM.

THE ID IN THE PRINTED ENTRY (IDID) AND THE ID
READ BY THE PROGRAM (ZZZZ) DO NOT COMPARE.
SEE THE ENTRY NUMBER PRINTED WITH THE ERROR.

- COMPARE THE ENTRY NUMBER PRINTED AND THE
  INFORMATION FROM THE ERROR.

IS THE ID WORD (ZZZZ) CORRECT FOR THE ADDRESS
PRINTED?
Y N

  | **404**
  | THE DEVICE IS RETURNING THE WRONG ID.
  | - GO TO THE MAP PROLOG FOR THE DEVICE TYPE
  | (TT) AT THIS ADDRESS.
  |
  | GO TO PAGE 58, STEP 414, ENTRY POINT DP.

405
THE CONFIGURATION TABLE IS NOT CORRECT.
THE CONFIGURATION ENTRY MUST BE CHANGED.
GO TO PAGE 19, STEP 115, ENTRY POINT MD.

406
'ERROR - 'IN TABLE, NOT IN HARDWARE'.

'ENTRY XX - AATT................IDID'.

AA =   DEVICE ADDRESS.
TT =   DEVICE TYPE.
IDID = DEVICE ID.
A READ ID TO THE ADDRESS IN THE ERROR RETURNED
AN OIO CONDITION CODE OF 00
CONDITION CODE 00 = DEVICE NOT ATTACHED.
SEE THE PRINTED ERROR MESSAGE.
THE SECOND BYTE OF THE ENTRY (TT) IS THE
DEVICE TYPE CODE. USE IT TO FIND THE DEVICE
IN THE TABLE AT 08.01.05.

- VERIFY THAT A DEVICE IS JUMPERED TO ADDRESS
  (AA).

IS THERE A DEVICE INSTALLED WITH THE ADDRESS
IN THE TABLE?
Y N
|
| 407
| THE ENTRY MUST BE DELETED FROM THE
| CONFIGURATION TABLE.
| GO TO PAGE 20, STEP 118, ENTRY POINT DE.
|
408
THE I.D. WORD IS THE LAST TWO BYTES OF THE
CONFIGURATION ENTRY AS PRINTED.
SEE MAP 3880, SECTION 08.01.05.

IS THIS THE I.D. WORD OF A DEVICE ON THIS
SYSTEM?
Y N
|
| 409
| THE CONFIGURATION TABLE IS WRONG.
| - DELETE THE ERROR ENTRY.
| GO TO PAGE 20, STEP 118, ENTRY POINT DE.
|
410
THE FIRST BYTE OF THE ENTRY IS THE DEVICE
ADDRESS.

IS THE DEVICE JUMPERED FOR THIS ADDRESS?
Y N
|
| 411
| YOU CAN:
| - CHANGE THE JUMPERS ON THE CARD.
| OR
| - CHANGE THE CONFIGURATION TABLE ENTRY TO
| THE ADDRESS OF THE CARD.
|
| DID YOU CHANGE THE ADDRESS JUMPERS ON THE
| CARD?
| Y N
| |
| | 412
| | THE ENTRY IN THE CONFIGURATION TABLE MUST
| | BE CORRECTED.
| | TO CORRECT THE TABLE,
| | GO TO PAGE 19, STEP 115,
| | ENTRY POINT MD.
| |
| 413
| - VERIFY THE REPAIR.
|
414
(ENTRY POINT DP)

- SEE THE NOTE TO THE RIGHT

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

- MEASURE ALL THE VOLTAGES AT THE FAILING CARD
  SOCKET.

ARE ALL THE VOLTS O.K.?
Y N
|
| 415
| GO TO MAP 1470, ENTRY POINT A.

SEE THE PROCESSING UNIT MIM FOR VOLTAGE
TOLERANCES AND SETTINGS.

416
TERMINATE THE CONFIGURATION PROGRAM.

- ENTER ON THE CONSOLE:

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

FOR A MORE THAN ONE ADDRESS DEVICE AND
SUBSYSTEM, SEE THE DEVICE PROLOG, 1.4 AND
4.0. THERE MAY BE SPECIAL INSTRUCTIONS FOR
CONFIGURATION ERROR(S) AND/OR MACHINE
CHECK(S).

- GO TO THE DEVICE PROLOG 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

  417
  FOLLOW THE INSTRUCTIONS IN THE MAP.
  IF NO REPAIR,
  GO TO MAP 0070, ENTRY POINT A.

418
- ENTER ON THE CONSOLE:

  (B)   B   (I)
  (B)   XXXX   (I) (I)
          XXXX = MAP #

FOLLOW THE INSTRUCTIONS IN THE MAP.
IF NO REPAIR,
GO TO MAP 0070, ENTRY POINT A.

419
THE ERROR MESSAGE IS:
'ERROR - IN HARDWARE NOT IN TABLE'
'ENTRY XX AATT...............IDID'

AA =   DEVICE ADDRESS.
TT =   DEVICE TYPE.
IDID = DEVICE ID.
A DEVICE HAS BEEN ADDED TO THE SYSTEM OR A
SINGLE DEVICE IS RESPONDING TO TWO ADDRESSES.
USE THE ID WORD, THE ADDRESS, YOUR TABLE IN
THE 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

  420
  SOME DEVICE IS ANSWERING TO TWO ADDRESSES.

  IS THE I.D. WORD RECEIVED THAT OF A DEVICE
  IN THIS SYSTEM?
  Y N

    421
    GO TO MAP 0070, ENTRY POINT A.

  422
  REMEMBER THAT EVERY OTHER CARD SOCKET MUST   THIS WILL GIVE A '..... IN TABLE ....' ERROR
  BE USED. SEE MLD VOLUME 01, THE PROCESSING   FOR THE SUSPECT DEVICE.
  UNIT OR EXPANSION MODULE LOGICS.
  - JUMPER POLL (PINS M11 TO M12) IN EACH
    EMPTY SOCKET AS NECESSARY.

  - UNSEAT THE ATTACHMENT CARD FOR THAT DEVICE
    AND IPL.

  IS THE '........IN HARDWARE........' MESSAGE
  STILL THERE?
  Y N

    423
    IS THE FAILING CARD OUTBOARD OF A CHANNEL
    REPOWER CARD?
    Y N

      424
      - EXCHANGE THE ATTACHMENT CARD FOR THE   NOTE: THE ATTACHMENT LOGIC FOR SOME DEVICES
        FAILING DEVICE.   (FOR EXAMPLE 4962, 4982) IS LOCATED ON TWO OR
      - VERIFY THE REPAIR.   MORE CARDS.
                                                   EXCHANGE EACH CARD USED IN THE ATTACHMENT
                                                   FUNCTION, ONE AT A TIME, AND TEST AFTER EACH
                                                   EXCHANGE TO DETERMINE THE FAILING CARD.

6 6 6
0 0 0
E E E
J K L

10JUL81   PN6837826
EC994400   PEC987889
           MAP 3883-59

```
E E E      PRINTER, NO KEYBOARD                    MAP 3883-60
J K L
5 5 5      PAPER ONLY MAP
9 9 9
           PAGE  60 OF  60
```

425
REMEMBER THAT EVERY OTHER CARD SOCKET MUST
BE   USED.   SEE   MLD   VOLUME 01, THE
PROCESSING   UNIT OR EXPANSION MODULE
LOGICS.
- JUMPER POLL (PINS M11 TO M12) IN EACH
  EMPTY SOCKET AS NECESSARY.

THE REPOWER CARD IS ALSO SUSPECT.
MOVE THE SUSPECT CARD TO A SOCKET THAT IS
NOT PART OF THE REPOWER CARD AREA TO
DETERMINE WHICH IS FAILING.
- EXCHANGE THE FAILING CARD.

426
- SEAT THE SUSPECT CARD AND USE IT AS THE
SUSPECT CARD IN MAP 0070.
GO TO MAP 0070, ENTRY POINT A.

427
A DEVICE HAS BEEN ADDED TO THE SYSTEM.
AN ENTRY MUST BE ADDED TO THE CONFIGURATION
TABLE.
GO TO PAGE 20, STEP 119, ENTRY POINT AD.

NOTE: THE ATTACHMENT LOGIC FOR SOME DEVICES
(FOR EXAMPLE 4962, 4982) IS LOCATED ON TWO OR
MORE CARDS.
EXCHANGE EACH CARD USED IN THE ATTACHMENT
FUNCTION, ONE AT A TIME, AND TEST AFTER EACH
EXCHANGE TO DETERMINE THE FAILING CARD.