ENTRY POINTS

FROM	ENTER THIS MAP		
MAP NUMBER	ENTRY POINT	PAGE NUMBER	STEP NUMBER
0020	A	2	001
0020	AA	44	120
0020	AC	5	011
0020	AF	28	074
0020	CC	26	065
0020	CD	18	048
0020	CE	27	071
0020	CI	14	036
0020	CN	13	034
0020	DP	4	010
0020	PP	5	012
0020	TT	40	107
0020	TY	15	040

EXIT POINTS

EXIT THIS MAP		TO	
PAGE NUMBER	STEP NUMBER	MAP NUMBER	ENTRY POINT
3	006	0020	A
4	010	0020	A
8	020	0020	A
28	075	0020	A
42	115	0020	A
3	008	0020	ID
32	085	0020	ID
34	090	0020	ID
35	093	0020	ID
51	137	0020	PD
54	149	0020	PD
38	101	0030	PQ
8	019	0070	A
31	081	0070	A
39	105	0070	A
9	023	0170	A
12	031	0170	A
7	016	2070	DL
9	024	2070	PW
9	022	2570	A
26	068	3881	A
27	069	3881	A
52	140	3881	A
52	141	3881	A
53	145	3881	A
54	150	3881	A
55	151	3881	A
55	152	3881	A
12	032	3882	A
26	067	3882	A

MAP 0023-1

001
(ENTRY POINT A)

- SEE IF A PROGRAMMER OR C E
  CONSOLE IS INSTALLED ON THE
  PROCESSING UNIT.

IS A PROGRAMMER OR C E CONSOLE
INSTALLED AS NOTED?
Y N
|
| 002
| AN ALTERNATE CONSOLE IS
| INSTALLED ON THE SYSTEM.
| A PROGRAMMER OR C E CONSOLE IS
| NOT INSTALLED ON THE PROCESSING
| UNIT.
|
| THE CONDITION OF THE LEDS
| INDICATES IF THE PROCESSING
| UNIT TEST(S) RAN CORRECT.
|
| - WAIT TWO (2) MINUTES.
| - SEE THE LOAD LED.
|
| IS THE LOAD LED ON?
| Y N
| |
| | 003
| | - SEE IF THE WAIT LED IS OFF.
| | - SEE IF THE RUN LED IS OFF.
| |
| | IS THE WAIT LED OFF AND RUN
| | LED OFF?
| | Y N
5 4 3 3
A B C D

MAP 0023-2

```
| |            PAPER ONLY
| |
| |            PAGE   3 OF  56
| |
| |
| 004
| - SEE IF THE WAIT LED IS ON.
|
| IS THE WAIT LED ON?
| Y N
| |
| | 005
| | GO TO PAGE 4, STEP 010,
| | ENTRY POINT DP.
| |
| 006
| DCP  IS  LOADED.   A CONSOLE IS
| NEEDED TO RUN DIAGNOSTICS.
|
| OBTAIN THE FOLLOWING:
| C E MAINTENANCE CONSOLE TOOL.
|
| INSTALL MAINTENANCE CONSOLE:
| ----------------------------
| - SEE    THE    PROCESSING   UNIT
|   MAINTENANCE INFORMATION
|   MANUAL,   MAINTENANCE  CONSOLE
|   ATTACHMENT PROCEDURE.
| - SEE   THE   MLD VOLUME 1, PAXXX
|   FOR THE  PROCESSING  UNIT  TOP
|   CARD CONNECTORS.
| GO TO MAP 0020, ENTRY POINT A.
|
007
- ENSURE  THE BASIC DISKETTE PART
  NUMBER 1635001 IS INSTALLED  IN
  THE DISKETTE UNIT.

IS  THE  DISKETTE  INSTALLED  AS
NOTED?
Y N
|
| 008
| - INSTALL THE CORRECT DISKETTE.
| GO TO MAP 0020, ENTRY POINT ID.
|
|
|
|
|
|
4
E
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```
| |           PAPER ONLY
| |
| |           PAGE   4 OF  56
| |
| |
| 009
| - TEST  THE  'WAIT'  LED  FOR  AN
|   OPEN.
| - TEST THE RUN LED FOR AN OPEN.
|
| +------------------------------+
| |PROCESSOR| GO TO MAP 107X,    |
| |UNIT IS: | ENTRY POINT A.     |
| |---------+--------------------|
| |  495X   |     MAP 1071       |
| | 4954/56 |     MAP 1072       |
| |------------------------------|
| |        IF NO REPAIR:         |
| +------------------------------+
| GO TO STEP 010,
| ENTRY POINT DP.
|
010
(ENTRY POINT DP)
```

OBTAIN THE FOLLOWING:
PROCESSING UNIT CARD(S).
DISKETTE UNIT ATTACHMENT CARD.
C E MAINTENANCE CONSOLE TOOL.

INSTALL MAINTENANCE CONSOLE:

- SEE PROCESSING UNIT MAINTENANCE
  INFORMATION MANUAL, MAINTENANCE
  CONSOLE ATTACHMENT PROCEDURE.
- SEE MLD VOLUME 1, PAXXX FOR THE
  PROCESSING   UNIT   TOP   CARD
  CONNECTORS.
GO TO MAP 0020, ENTRY POINT A.

A
2

PAPER ONLY

PAGE   5 OF   56

011
(ENTRY POINT AC)

AN ALTERNATE CONSOLE IS INSTALLED
ON THE SYSTEM AND DOES NOT PRINT
OR   DISPLAY   A   MESSAGE.   A
PROGRAMMER OR C E CONSOLE IS
INSTALLED ON THE PROCESSING UNIT.

- SEE   THE   DATA LEDS ON THE
  PROGRAMMER CONSOLE.
- NOTE THE DATA LEDS.

DO THE DATA LEDS EQUAL '38XX',
AND THE STOP LED OFF?
Y N
|
| 012
| (ENTRY POINT PP)
|
| - SEE THE STOP LED.
|
| IS THE STOP LED ON?
| Y N
| | |

9 9 6
F G H

MAP 0023-5

THE CONSOLE FAILED

MAP 0023-6

PAPER ONLY

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H
5
|
|
|
|
013
```

THE DATA LEDS DO NOT EQUAL '38XX', WITH THE STOP LED OFF.

- SEE THE NOTE --->
- SEE THE DATA LEDS:

        00E0
        00E5

- ENSURE THE POLL JUMPERS ARE CORRECT.

EVERY OTHER CARD POSITION MUST HAVE A CARD INSTALLED, OR A POLL JUMPER MUST BE INSTALLED FROM PIN M11 TO PIN M12 IN ALL EMPTY CARD POSITIONS.

- SEE MLD VOLUME ONE (1), PROCESSING UNIT OR EXPANSION LOGICS (AXXXX).

DID THE DATA LEDS EQUAL ANY OF THE ABOVE?
Y N
|
| 014
| - SEE THE DATA LEDS:
|
| 0E00
| 0E05
|
| DID THE DATA LEDS EQUAL ANY OF
| THE ABOVE?
| Y N
9 9 7
J K L

MAP 0023-6

|
|
|
|
015
THE   DATA   LEDS   DO   NOT   EQUAL
'38XX', WITH THE STOP LED OFF.
THERE IS A DCP FAILURE.

- NOTE THE DATA LEDS ON PAPER.
  THIS WILL BE NAMED THE 'WRITTEN
  DATA LEDS'.

- PRESS THE STOP KEY.
- PRESS THE SAR KEY.
- PRESS THE ONE (1) KEY.
- PRESS THE EIGHT (8) KEY.
- PRESS THE ZERO (0) KEY.
- PRESS THE ZERO (0) KEY.
- PRESS THE STORE KEY.
- PRESS THE MAIN STORAGE KEY.

DO THE DATA LEDS EQUAL 'F3F8'?
Y N
|
| 016
| THE 'DATA LEDS EQUAL' QUESTIONS
| IN MAP 2070 MUST BE ANSWERED
| WITH THE 'WRITTEN DATA LEDS'.
| GO TO MAP 2070, ENTRY POINT DL.
|
017
THE   DATA LEDS EQUAL 'F3F8'. DCP
IS LOADED.

- PRESS AND RELEASE THE START
  KEY.

DID THE 'WRITTEN DATA LEDS' EQUAL
'38XX'?
Y N
| |
| |
| |
| |
| |
| |
| |
| |
| |
9 8
M N

|
|
|
|
018
THE DIAGNOSTIC DISKETTE INSTALLED
IN THE IPL DISKETTE UNIT IS
SUSPECT.

- SEE THE NOTE --->
- REMOVE THE DIAGNOSTIC DISKETTE.
- INSERT THE SYSTEM TEST
  DISKETTE. (P/N 1635003)
- ENSURE THE DISKETTE UNIT IS
  READY.
- PRESS AND RELEASE THE LOAD KEY.
- WAIT ONE (1) MINUTE.

THE SYSTEM TEST DISKETTE WILL
SHOW A CORRECT IPL BY:

RDY
ENTER

PRINTED OR DISPLAYED, OR:

'34XX' IN THE DATA LEDS.

DID THE SYSTEM TEST DISKETTE IPL
AS NOTED?
Y N
|
| 019
| GO TO MAP 0070, ENTRY POINT A.
|
020
THE FIRST DIAGNOSTIC DISKETTE IS
NOT GOOD.

- OBTAIN A GOOD DIAGNOSTIC
  DISKETTE.
GO TO MAP 0020, ENTRY POINT A.

YOU CAN ONLY IPL THESE DISKETTES:

BASIC DISKETTE P/N 1635001.
SYSTEM TEST DISKETTE P/N 1635003.

IF IPL IS NEEDED, INSERT THE
BASIC DISKETTE P/N 1635001, AND
PRESS THE LOAD KEY.
AT HALT '3800', INSERT THE
DISKETTE WITH THE PROGRAM YOU
WANT TO RUN.

IF THE DATA LEDS PULSE WITH
'EEEE', AND STOPS WITH '006A' IN
THE LEDS, YOU CANNOT IPL THE
DISKETTE.

| | | | |
| | | | |
| | | | | 021
| | | | THE   'DATA   LEDS   EQUAL'
| | | | QUESTIONS   MUST   BE
| | | | ANSWERED   WITH   THE
| | | | 'WRITTEN DATA LEDS'.
| | | | GO TO PAGE 5,
| | | | STEP 011,
| | | | ENTRY POINT AC.
| | | |
| | | 022
| | | GO TO MAP 2570,
| | | ENTRY POINT A.
| | |
| | 023
| | THE DATA LEDS EQUAL '00E0' OR   - ENSURE   THE   POLL   JUMPERS   ARE
| | '00E5'   CORRECT.
| |
| | - SEE THE NOTE --->   EVERY   OTHER   CARD   POSITION MUST
| | HAVE A CARD INSTALLED, OR A   POLL
| | JUMPER MUST BE INSTALLED FROM PIN
| | M11 TO PIN M12 IN ALL EMPTY CARD
| | POSITIONS.
| |
| | - SEE   MLD   VOLUME   ONE   (1),
| | PROCESSING UNIT OR EXPANSION
| | GO TO MAP 0170,   LOGICS (AXXXX).
| | ENTRY POINT A.
| |
| 024
| GO TO MAP 2070, ENTRY POINT PW.
|
025
- SEE THE DATA LEDS.

DO   THE   DATA   LEDS   EQUAL   '3801',
AND THE WAIT LED ON?
Y N
| |
| |
| |
| |
| |
| |
| |
| |

1 1   29JUL83   PN6060917
2 0
P Q   ECA08003   PEC336711

                                           MAP 0023-9

Q
9

026
- SEE THE DATA LEDS.

DO THE DATA LEDS EQUAL   '3820',
AND THE WAIT LED ON?
Y N
|
| 027
| - SEE THE DATA LEDS.
|
| DO THE DATA LEDS EQUAL '380B',
| AND THE WAIT LED ON?
| Y N
1 1 1
2 2 1
R S T

|
|
028
STORAGE X'0240' HAS THE DEVICE
ADDRESS AND TYPE OF THE ALTERNATE
CONSOLE   ASSIGNED   IN   THE
CONFIGURATION TABLE.

- ENTER ON THE CONSOLE:

- PRESS THE STOP KEY.
- PRESS THE SAR KEY.
- PRESS THE ZERO (0) KEY.
- PRESS THE TWO (2) KEY.
- PRESS THE FOUR (4) KEY.
- PRESS THE ZERO (0) KEY.
- PRESS THE STORE KEY.
- PRESS THE MAIN STORAGE KEY.

THE DATA LEDS CONTAIN THE DEVICE
ADDRESS AND THE DEVICE TYPE OF
THE ALTERNATE CONSOLE ASSIGNED IN
THE CONFIGURATION TABLE.

- NOTE   THE   DEVICE   ADDRESS   AND
  TYPE.
  A A T T
      T T = DEVICE TYPE
  A A = DEVICE ADDRESS

THIS 'AATT' WILL BE NAMED 'AATT
-1'.

- NOTE THIS 'AATT -1' NUMBER.

DOES THE   'AATT -1' NUMBER EQUAL
'0000'?
Y N
|
| 029
| GO TO PAGE 14, STEP 036,
| ENTRY POINT CI.
|
|
|
|
|

1
2
U

MAP 0023-11

|
| | | | PAGE 12 OF 56
| | | |
| | | |
| | | 030
| | | GO TO PAGE 44,
| | | STEP 120,
| | | ENTRY POINT AA.
| | |
| | 031
| | GO TO MAP 0170,
| | ENTRY POINT A.
| |
| 032
| GO TO MAP 3882, ENTRY POINT A.
|
033
'3801' IN THE DATA LEDS IS AN
ALTERNATE CONSOLE PROBLEM.

- SEE IF A TWO CHANNEL SWITCH
  CARD   IS   INSTALLED AND ITS
  CABLE(S) CONNECTED   TO   THIS
  PROCESSING UNIT BOARD.

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

034
(ENTRY POINT CN)

LEVEL   THREE   (3),   REGISTER ZERO
(0), HAS THE DEVICE ADDRESS AND
THE DEVICE TYPE IN THE ALTERNATE
CONSOLE   ASSIGNED   IN   THE
CONFIGURATION TABLE.

- ENTER ON THE CONSOLE:

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

THE DATA LEDS CONTAIN THE DEVICE
ADDRESS AND TYPE OF THE ALTERNATE
CONSOLE   ASSIGNED   IN   THE
CONFIGURATION TABLE.

- NOTE THE DEVICE ADDRESS AND
  TYPE.
  A A T T
      T T = DEVICE TYPE
  A A = DEVICE ADDRESS

THIS 'AATT' WILL BE NAMED 'AATT
-1'.

- NOTE THIS 'AATT -1' NUMBER.

IS THE ACTION COMPLETE?
Y N
|
| 035
| - COMPLETE   THE   ACTION   AND
| CONTINUE ON YES LEG
|
|
|
|
|
|
|
|
1
4
X

MAP 0023-13

|
|
036
(ENTRY POINT CI)

IF THE   'AATT -1' ALTERNATE
CONSOLE IS THE   ONLY CONSOLE
INSTALLED, ANSWER THE FOLLOWING
QUESTION 'NO'.

IF   THE   'AATT   -1' ALTERNATE
CONSOLE IS NOT THE ONLY CONSOLE
INSTALLED, (SOME OTHER ALTERNATE
CONSOLE IS INSTALLED), ANSWER THE
FOLLOWING QUESTION 'YES'.

IF   THE   'AATT   -1' ALTERNATE
CONSOLE IS NOT INSTALLED, AND
THERE IS SOME OTHER ALTERNATE
CONSOLE INSTALLED, ANSWER THE
FOLLOWING QUESTION 'YES'.

- SEE IF MORE THAN ONE SUPPORTED
  ALTERNATE CONSOLE IS INSTALLED.

IS MORE   THAN   ONE   SUPPORTED
ALTERNATE CONSOLE INSTALLED?
Y N
|
| 037
| THERE IS ONLY ONE ALTERNATE
| CONSOLE   INSTALLED   ON   THE
| SYSTEM. THE 'AATT-1' ALTERNATE
| CONSOLE WAS NOTED BEFORE AND IS
| NOT WORKING.
|
| - PRESS AND RELEASE THE START
| KEY.
|
| DOES THE 'AATT -1' NUMBER NOTED
| EQUAL 'XX40'?
| Y N
1
1 1 5
6 6 A
Y Z A

MAP 0023-14

A
A
1
4

|
|
038
- SEE IF THE ALTERNATE CONSOLE IN
  'AATT -1' IS INSTALLED ON THE
  SYSTEM.

IS   THE   'AATT   -1'   CONSOLE
INSTALLED ON THE SYSTEM?
Y N
|
| 039
| GO TO PAGE 26, STEP 065,
| ENTRY POINT CC.
|
040
(ENTRY POINT TY)

- SEE THE DATA LEDS NOTED BEFORE.

DID THE DATA LEDS EQUAL '382A'?
Y N
|
| 041
| - ENTER ON THE CONSOLE:
| --------------------
| (B)   5   (I) (I)
| (B)   9   (I) (I)
| (B)   6   (I) (I)
|
| THE PROGRAM WILL TERMINATE.
| GO TO PAGE 27, STEP 071,
| ENTRY POINT CE.
|
|
|
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|
|
|
|
|
1
6
A
B

MAP 0023-15

```
Y Z A        THE CONSOLE FAILED                        MAP 0023-16
1 1 B
4 4 1        PAPER ONLY
    5
| |          PAGE  16 OF  56
| | |
| | |
| | 042
| | - ENTER ON THE CONSOLE:
| |   ---------------------
| |    (B)     6         (I) (I)
| |            6 =       RESUME
| |
| | THE PROGRAM WILL CONTINUE.
| |
| | DO THE DATA LEDS EQUAL '3800'
| | OR '3805'?
| | Y N
| | |
| | | 043
| | | - ENTER ON THE CONSOLE:
| | |   ---------------------
| | |    (B)    1F         (I)
| | |    (B) 0100         (I) (I)
| | | THE PROGRAM WILL TERMINATE.
| | | GO TO PAGE 27,
| | | STEP 071,
| | | ENTRY POINT CE.
| | |
| | 044
| | GO TO PAGE 27, STEP 071,
| | ENTRY POINT CE.
| |
| 045
| GO TO PAGE 40, STEP 107,
| ENTRY POINT TT.
|
046
- SEE THE 'AATT -1' NUMBER NOTED.
- SEE IF  THE  'AATT  -1'  NUMBER
  EQUALS '0000'.

DOES THE 'AATT-1' EQUAL '0000'?
Y N
| |
| |
| |
| |
| |
| |
| |

4 1
4 7
A A
C D
```

MAP 0023-16

|
|
047
- SEE THE 'AATT -1' NUMBER NOTED.
- SEE IF THE 'AATT -1' NUMBER
  EQUALS 'XX40'.

DOES THE 'AATT-1' EQUAL 'XX40'?
Y N
| |
| |
| |
| |
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4 1
0 8
A A
E F

|
|
048
(ENTRY POINT CD)

THERE IS AN ALTERNATE CONSOLE
ASSIGNED BY DCP. THE ALTERNATE
CONSOLE IS NOT WORKING. SOME
OTHER 'ALTERNATE CONSOLE IS
INSTALLED ON THE SYSTEM. USE
THIS OTHER ALTERNATE CONSOLE TO
DIAGNOSE THE ONE THAT IS NOT
CORRECT.

- SEE THE ALTERNATE CONSOLE
DEVICE ADDRESS AND TYPE YOU
WANT TO USE AS A TEMPORARY
ASSIGNED ALTERNATE CONSOLE. TO
USE THIS OTHER CONSOLE, MAKE
THE CHANGE AS FOLLOWS:

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

- WAIT FOR THE STOP LED TO GO ON.
THE DATA LEDS SHOULD BE 1950.

IS THE PROCESSING UNIT A 4952,
4953 OR 4955?
Y N
| |
| |
| |
| |
| |
| |
| |
| |

1 1
9 9
A A
G H

MAP 0023-18

| |
| |
| 049
| THE STOP LED IS ON, BUT THE
| DATA LEDS DO NOT EQUAL 1950.
|
| - PRESS THE START KEY UNTIL THE
| DATA LEDS EQUAL 1950 AND THE
| STOP LED IS ON.
| GO TO STEP 050,
| ENTRY POINT AU.
|
050
(ENTRY POINT AU)
- SELECT A CONSOLE FROM TABLE.

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

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

2 2
0 0
A A
J K

| |
| |
| 051
| - COMPLETE   THE   ACTION   AND
| CONTINUE ON THE YES LEG.
|
052
- DISPLAY REGISTER ZERO (0).
- ENTER THE NEW ALTERNATE CONSOLE
  DEVICE ADDRESS AND TYPE (AATT).
- PRESS THE STORE KEY.
- SEE IF THE ALTERNATE CONSOLE
  SELECTED IS OTHER THAN A 4975,
  52X51, 4980, 7485 OR   5200
  SERIES PRINTER.

IS THE CONSOLE OTHER THAN ONE OF
THE ABOVE?
Y N
|
| 053
| - SEE IF THE ALTERNATE CONSOLE
| ASSIGNED IS A 4975.
|
| IS   THE   ALTERNATE   CONSOLE
| ASSIGNED A 4975?
| Y N
| |
| | 054
| | - SEE   IF   THE   ALTERNATE
| | CONSOLE ASSIGNED IS A 52X1.
| |
| | IS THE   ALTERNATE   CONSOLE
| | ASSIGNED A 52X1?
| | Y N

2 2 2 2
5 4 3 1
A A A A
L M N P

MAP 0023-20

|
|
055
- SEE IF THE ALTERNATE CONSOLE
  ASSIGNED IS A 4980.

IS THE ALTERNATE CONSOLE ASSIGNED
A 4980?
Y N
|
| 056
| - SEE IF THE ALTERNATE CONSOLE
| ASSIGNED IS A 7485.
|
| IS   THE   ALTERNATE   CONSOLE
| ASSIGNED A 7485?
| Y N
| |
| | 057
| | - SEE   IF   THE   ALTERNATE
| | CONSOLE ASSIGNED IS A 5200
| | SERIES PRINTER.
| |
| | IS   THE   ALTERNATE   CONSOLE
| | ASSIGNED   A   5200   SERIES
| | PRINTER?
| | Y N
| | |
| | | 058
| | | GO TO PAGE 25,
| | | STEP 064,
| | | ENTRY POINT AV.
2 2 2
3 2 2
A A A
Q R S

A A   THE CONSOLE FAILED   MAP 0023-22
R S
2 2   PAPER ONLY
1 1
          PAGE 22 OF 56

| |
| |
| 059
| 5200 SERIES PRINTER SUBADDRESS
| MUST BE ENTERED IN REGISTER 1
| AS 000X.
|
| - DISPLAY REGISTER ONE (1).
| - ENTER ON THE CONSOLE:
| --------------------
| - PRESS 0 KEY.
| - PRESS 0 KEY.
| - PRESS 0 KEY.
| - PRESS X KEY.
| WHERE X = PAAA
| P = PORT NUMBER 0 - 1
| XXX = PRINTER ADDRESS 0 - 6
| GO TO PAGE 25, STEP 064,
| ENTRY POINT AV.
|
060
7485 - A MODEL (53 OR 63) MUST BE
ENTERED IN REGISTER 1 AS 000X.

- DISPLAY REGISTER ONE (1).
- ENTER ON THE CONSOLE:

- PRESS 0 KEY.
- PRESS 0 KEY.
- PRESS 0 KEY.
- PRESS X KEY.
        X = 1 = MODEL 53
            2 = MODEL 63
GO TO PAGE 25, STEP 064,
ENTRY POINT AV.

MAP 0023-22

```
| |
| |
| 061
| 4980  -   CABLE   AND   STATION
| ADDRESS  MUST  BE  ENTERED   IN
| REGISTER 1 AS ZYXX.
|
| - DISPLAY REGISTER ONE (1).
| - ENTER ON THE CONSOLE:
|   --------------------
| - PRESS Z KEY.
| - PRESS Y KEY.
| - PRESS X KEY.
| - PRESS X KEY.
|          Z = PORT ADDRESS 0 - 1
|          Y = LINE SPEED 0-100K
|                         1-250K
|                         2-500K
|        XX = TERMINAL ADDRESS
| GO TO PAGE 25, STEP 064,
| ENTRY POINT AV.
|
062
52X1  - CABLE AND STATION ADDRESS
MUST BE ENTERED IN REGISTER 1  AS
00XY.

- DISPLAY REGISTER ONE (1).
- ENTER ON THE CONSOLE:
  --------------------
- PRESS 0 KEY.
- PRESS 0 KEY.
- PRESS X KEY.
- PRESS Y KEY.
        X = CABLE ADDRESS    0-3
        Y = STATION ADDRESS 0-6
GO TO PAGE 25, STEP 064,
ENTRY POINT AV.
```

|
|
063
4975 - A MODEL (01L OR 02L) MUST
BE ENTERED IN REGISTER 1 AS 000X.

- DISPLAY REGISTER ONE (1).
- ENTER ON THE CONSOLE:

- PRESS 0 KEY.
- PRESS 0 KEY.
- PRESS 0 KEY.
- PRESS X KEY.
        X = 3 = MODEL 01L
            4 = MODEL 02L
GO TO PAGE 25, STEP 064,
ENTRY POINT AV.

A   THE CONSOLE FAILED   MAP 0023-25
L
2   PAPER ONLY
0
        PAGE 25 OF 56
|
|
064
(ENTRY POINT AV)

- PRESS THE STORE KEY.
- PRESS THE STOP ON ADDRESS KEY.
- PRESS THE START KEY.

REMEMBER - THE 'OTHER' CONSOLE
YOU ASSIGNED IS USED UNTIL YOU
IPL THE PROCESSING UNIT AGAIN.
DO THE ABOVE PROCEDURE BEFORE
EACH IPL, OR THE 'OLD' CONSOLE
WILL BE USED BY THE
DIAGNOSTIC(S).

THE 'AATT-1' ALTERNATE CONSOLE
WAS NOTED BEFORE AND IS NOT
WORKING.

- SEE IF THE ALTERNATE CONSOLE IN
  'AATT -1' IS INSTALLED ON THE
  SYSTEM.

3101 SWITCHES IF SUPPORTED BY:

  FPMLC CURRENT INTERFACE, RPQ
   D02350 AND 1310 MULTIFUNCTION.
  1234567812345678 1234567812345678
   X   X   X X   X XX X
  X X   X X   XX   XX

      FPMLC WITH RS232C.
  1234567812345678 1234567812345678
   XXX   X   X X   X XX X
  X   X X   XX   XX

    TTY WITH EIA INTERFACE.
  1234567812345678 1234567812345678
   X   X   X XX
  XX   X   X   *******

   TTY WITH CURRENT INTERFACE.
  1234567812345678 1234567812345678
   X X   X XX
  XXX   X   X   *******

   ACCA SL - ML EIA RS232C
  1234567812345678 1234567812345678
   XXX X   X X   XXX XXX
  X   XX   X   X

X = SWITCH POSITIONS. CHANGE IF
    NEEDED. WHEN DONE, RETURN TO
    CUSTOMERS ORIGINAL POSITION.
* = SET TO MATCH THE BAUD RATE OF
    THE TTY ATTACHMENT CARD. SEE
    3101 COVER AND LOGIC SD100.

IS THE 'AATT -1' CONSOLE
INSTALLED ON THE SYSTEM?
Y N
| |
| |
| |
| |
| |
2 2
7 6
A A
T U

|
|
065
(ENTRY POINT CC)

THIS   IS   AN   ERROR   IN   THE
CONFIGURATION   TABLE.   THE
ALTERNATE CONSOLE ASSIGNED IN THE
CONFIGURATION   TABLE   IS   NOT
INSTALLED ON THE SYSTEM.   THE
CONFIGURATION   TABLE   IS   NOT
CORRECT.

- SEE IF THE CONSOLE YOU ARE
  USING HAS A KEYBOARD INSTALLED.

DOES THE CONSOLE YOU ARE USING
HAVE A KEYBOARD INSTALLED?
Y N
|
| 066
| - SEE IF THE CONSOLE YOU ARE
| USING IS A PRINTER.
|
| IS THE CONSOLE YOU ARE USING A
| PRINTER?
| Y N
| |
| | 067
| | THE CONSOLE BEING USED NOW IS
| | A PROGRAMMER OR C E CONSOLE.
| |
| | - CHANGE   THE   ALTERNATE
| | CONSOLE ASSIGNED IN   THE
| | CONFIGURATION TABLE.
| | GO TO MAP 3882,
| | ENTRY POINT A.
| |
| 068
| - CHANGE THE ALTERNATE CONSOLE
| ASSIGNED IN THE CONFIGURATION
| TABLE.
| GO TO MAP 3881, ENTRY POINT A.
|
|
|

2
7
A
V

```
| |
| |
| 069
| - CHANGE THE ALTERNATE  CONSOLE
|   ASSIGNED IN THE CONFIGURATION
|   TABLE.
| GO TO MAP 3881, ENTRY POINT A.
|
070
- SEE  IF THE TEMPORARY ALTERNATE
  CONSOLE HAS A KEYBOARD.

DOES   THE   TEMPORARY  ALTERNATE
CONSOLE HAVE A KEYBOARD?
Y N
|
| 071
| (ENTRY POINT CE)
|
| - SEE IF THE SUSPECT  ALTERNATE
|   CONSOLE   IS   A    4978   RPQ
|   DISPLAY.
|
| IS    THE   SUSPECT   ALTERNATE
| CONSOLE AS NOTED ABOVE?
| Y N
| |
| | 072
| | - SEE    IF    THE    SUSPECT
| |   ALTERNATE   CONSOLE   IS   A
| |   5251/5291 DISPLAY.
| |
| | IS   THE   SUSPECT   ALTERNATE
| | CONSOLE AS NOTED ABOVE?
| | Y N
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

3 3 3 2
9 6 3 8
A A A A
W X Y Z
```

|
|
073
- SEE IF THE SUSPECT ALTERNATE
  CONSOLE IS A 3101/7485 DISPLAY
  CONNECTED TO A MULTIFUNCTION
  CARD.

IS THE SUSPECT ALTERNATE CONSOLE
AS NOTED ABOVE?
Y N
|
| 074
| (ENTRY POINT AF)
|
| - SEE IF A PROGRAMMER OR C E
| CONSOLE IS INSTALLED ON THE
| PROCESSING UNIT.
|
| IS A PROGRAMMER OR C E CONSOLE
| INSTALLED AS NOTED?
| Y N
| |
| | 075
| | OBTAIN THE FOLLOWING:
| | C E MAINTENANCE CONSOLE TOOL.
| | ALTERNATE CONSOLE ATTACHMENT
| | CARD.
| |
| | INSTALL MAINTENANCE CONSOLE:
| | --------------------------------
| | - SEE THE PROCESSING UNIT
| | MAINTENANCE INFORMATION
| | MANUAL, MAINTENANCE CONSOLE
| | ATTACHMENT PROCEDURE.
| | - SEE MLD VOLUME 1, PAXXX FOR
| | PROCESSING UNIT TOP CARD
| | CONNECTORS.
| | GO TO MAP 0020,
| | ENTRY POINT A.
| |
| |
| |
| |
| |
| |
3 2
1 9
B B
A B

MAP 0023-28

|
|
076
AN ALTERNATE CONSOLE IS INSTALLED
ON THE SYSTEM AND IS NOT WORKING
CORRECT. A PROGRAMMER OR C E
CONSOLE IS INSTALLED ON THE
PROCESSING UNIT. THE PROGRAMMER
OR C E CONSOLE CAN BE USED TO RUN
THE DIAGNOSTIC(S) FOR THE
SUPPORTED ALTERNATE CONSOLE.

- GO TO THE MAP PROLOG FOR THE
  ALTERNATE CONSOLE DEVICE OR RPQ
  SUSPECTED.
- READ SECTION 0.0 OF THE PROLOG.
- LOAD THE MANUAL MAP INDICATED
  IN THE PROLOG, SECTION 0.0, FOR
  THE ALTERNATE CONSOLE
  ATTACHMENT OR DEVICE SUSPECTED.

IF A KEY OR KEYBOARD IS SUSPECTED
AS THE PROBLEM, BECAUSE OF
FAILURE WHEN THE KEYBOARD WAS
USED, NOTE THIS WHEN READING THE
PROLOG. THE PROLOG WILL LIST A
KEYBOARD CHECK FOR THE ALTERNATE
CONSOLE.

IF INSTRUCTED,
- ENTER ON THE CONSOLE:

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

- LISTEN FOR THE 'AUDIBLE DEVICE'
  WHEN THE KEY(S) ARE PRESSED.

CAN YOU MAKE THE CONSOLE ENTRY
INTO THE SYSTEM?
Y N
| |
| |
| |
| |

3 3
1 0
B B
C D

29JUL83   PN6060917

ECA08003   PEC336711

MAP 0023-29

|
|
077
IS THIS THE FIRST TIME HERE?
Y N
|
| 078
| - TEST THE KEY THAT IS NOT
| CORRECT.
|
| +----------------------------+
	PROCESSOR	GO TO MAP 107X,
	UNIT IS:	ENTRY POINT A.
	---------+------------------
	495X	MAP 1071
	4954/56	MAP 1072

	IF NO REPAIR:
+----------------------------+
GO TO PAGE 4, STEP 010,
ENTRY POINT DP.
079
- IPL DISKETTE P/N 1635001.
- SEE MAP 0010,SECTION 04.01.00.
- ASSIGN THE CONSOLE FUNCTION TO
  THE PROGRAMMER CONSOLE AS
  FOLLOWS:

- ENTER ON THE CONSOLE:

  (B)   5   (I) (I)

THE PROGRAMMER CONSOLE IS NOW THE
CONSOLE TO USE.
IT IS THE CONSOLE TO USE UNTIL
THE NEXT IPL OF DISKETTE P/N
1635001.
GO TO PAGE 27, STEP 071,
ENTRY POINT CE.

```
|  |
|  |
|  080
|  - FOLLOW     INSTRUCTIONS    IN
|    PROLOG, SECTION 0.0, AND   RUN
|    ALL DIAGNOSTICS.
|
|  AFTER  ALL OF THE DIAGNOSTIC(S)
|  ARE RUN, ANSWER  THE  FOLLOWING
|  QUESTION:
|
|  DID   THE   ALTERNATE   CONSOLE
|  DIAGNOSTIC(S)   REPAIR     THE
|  PROBLEM?
|  Y N
|  | |
|  | 081
|  | GO TO MAP 0070,
|  | ENTRY POINT A.
|  |
|  082
|  - VERIFY THE REPAIR
|
083
THE   ALTERNATE   CONSOLE   IS   A
3101/7485 DISPLAY.
THE  3101/7485  DISPLAY  IS   NOT
WORKING CORRECT.

- SEE  IF  THE  3101/7485 DISPLAY
  HAS A MESSAGE ON THE SCREEN.

DOES     THE    SCREEN    DISPLAY
MESSAGE(S) CORRECT?
Y N
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
3 3
3 2
B B
E F
```

|
|
084
- SEE THE NOTE --->   DATA SET 'E6C0' MUST BE WRITTEN
                                       ON THE BASIC DISKETTE PART NUMBER
BEFORE THE DISPLAY CAN BE USED AS   1635001, THE SYSTEM TEST DISKETTE
AN ALTERNATE CONSOLE, WRITE DATA   PART   NUMBER   1635003   AND
SET 'E6C0' FROM DISKETTE PART   DIAGNOSTIC DISKETTE P/N 6031186.
NUMBER '6031185 TO THE BASIC
DISKETTE PART NUMBER 1635001, THE
SYSTEM TEST DISKETTE PART NUMBER
1635003 AND DIAGNOSTIC DISKETTE
PART NUMBER 6031186.

- USE   THE PROGRAMMER OR C E
  CONSOLE AND THE UTILITY PROGRAM
  38F9 TO DISPLAY THE VTOC FOR
  THE ABOVE DISKETTES.   SEE IF
  DATA   SET 'E6C0' IS ON THE
  DISKETTES.

IS THERE A VTOC ENTRY ON THE
DISKETTES FOR 'E6C0'?
Y N
|
| 085
| - WRITE DATA SET 'E6C0' FROM
| DISKETTE PART NUMBER 6031185
| TO THE BASIC DISKETTE PART
| NUMBER 1635001, SYSTEM TEST
| DISKETTE PART NUMBER 1635003
| AND DIAGNOSTIC DISKETTE PART
| NUMBER 6031186.
| GO TO MAP 0020, ENTRY POINT ID.
|
086
- USE   THE PROGRAMMER OR C E
  CONSOLE   TO   RUN   THE
  MULTIFUNCTION ATTACHMENT CARD
  TESTS.
GO TO PAGE 28, STEP 074,
ENTRY POINT AF.

MAP 0023-32

```
| |
| |
| 087
| THE    3101/7485   CAN  DISPLAY
| MESSAGE(S).    THERE  MAY  BE  A
| KEYBOARD ENTRY PROBLEM.
| GO TO PAGE 28, STEP 074,
| ENTRY POINT AF.
|
088
THE  ALTERNATE   CONSOLE    IS    A
5251/5291 DISPLAY.

- SEE  IF  THE  DISPLAY   HAS   A
  MESSAGE ON THE SCREEN.

DOES    THE     SCREEN     DISPLAY
MESSAGE(S) CORRECT?
Y N
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
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| |
| |
| |
| |
| |
| |
3 3
6 4
B B
G H
```

MAP 0023-33

|
|
089
- SEE THE NOTE --->

BEFORE A 52X1 DISPLAY CAN BE USED AS ALTERNATE CONSOLE, WRITE THE DATA SET(S) 'E4D0' AND 'E4D1' (OPTIONAL) FROM DISKETTE PART NUMBER 6826590 TO THE BASIC DISKETTE PART NUMBER 1635001, THE SYSTEM TEST DISKETTE PART NUMBER 1635003 AND DIAGNOSTIC DISKETTE PART NUMBER 1635002.

- USE THE PROGRAMMER OR C E CONSOLE AND THE UTILITY PROGRAM 38F9 TO DISPLAY THE VTOC FOR THE ABOVE DISKETTES. SEE IF DATA SET(S) 'E4D0' AND 'E4D1' ARE ON THE DISKETTES.

IS THERE A VTOC ENTRY ON THE DISKETTES FOR 'E4D0'?
Y N
|
| 090
| - WRITE DATA SET 'E4D0' FROM
| DISKETTE PART NUMBER 6826590
| TO THE BASIC DISKETTE PART
| NUMBER 1635001, SYSTEM TEST
| DISKETTE PART NUMBER 1635003
| AND DIAGNOSTIC DISKETTE PART
| NUMBER 1635002, IF NEEDED.
| - IF DATA SET 'E4D1' IS ON
| DISKETTE PART NUMBER 6826590,
| WRITE IT TO BASIC DISKETTE
| PART NUMBER 1635001, SYSTEM
| TEST DISKETTE PART NUMBER
| 1635003, AND DIAGNOSTIC
| DISKETTE PART NUMBER 1635002,
| IF NEEDED.
| GO TO MAP 0020, ENTRY POINT ID.
|
|
|
3
5
B
J

DATA SET 'E4D0' MUST BE WRITTEN ON THE BASIC DISKETTE PART NUMBER 1635001, THE SYSTEM TEST DISKETTE PART NUMBER 1635003 AND DIAGNOSTIC DISKETTE P/N 1635002.

DATA SET 'E4D1' IS OPTIONAL. IT IS NOT NECESSARY TO WRITE THIS DATA SET TO THE ABOVE DISKETTES. IF YOU HAVE DATA SET E4D1 ON DISKETTE 6826590, WRITE IT. IF YOU DO NOT HAVE DATA SET 'E4D1' ON DISKETTE 6826590, IT IS NOT NEEDED BY YOUR SYSTEM.

|
|
091
- USE THE PROGRAMMER OR C E
  CONSOLE AND THE UTILITY PROGRAM
  38F9 TO DISPLAY THE VTOC FOR
  THE DISKETTE 6826590.   SEE IF
  DATA SET 'E4D1' IS ON THE
  DISKETTE.

IS THERE A VTOC ENTRY ON THIS
DISKETTE FOR 'E4D1'?
Y N
|
| 092
| - USE THE PROGRAMMER OR C E
| CONSOLE TO RUN THE 52X1
| INFORMATION DISPLAY SYSTEM
| ATTACHMENT MAP(S).
|
| GO TO PAGE 28, STEP 074,
| ENTRY POINT AF.
|
093
- WRITE DATA SET 'E4D1' FROM
  DISKETTE PART NUMBER 6826590 TO
  THE BASIC DISKETTE PART NUMBER
  1635001, SYSTEM TEST DISKETTE
  PART   NUMBER   1635003   AND
  DIAGNOSTIC DISKETTE PART NUMBER
  1635002, IF NEEDED.
GO TO MAP 0020, ENTRY POINT ID.

| |
| |
| 094
| THE   52X1   CAN   DISPLAY
| MESSAGE(S).   THERE MAY BE A
| KEYBOARD ENTRY PROBLEM.
|
| - USE   THE   STATION   VERIFY
| DISKETTE,   PART   NUMBER
| 6826590.   THE   DISPLAY
| STATION(S) WILL GO TO FREE
| KEY   MODE.   WHEN   THE
| STATION(S) ARE IN FREE KEY
| MODE, USE THE STATION MAP
| THAT IS IN THE LOWER REAR OF
| THE   STATION TO REPAIR THE
| DISPLAY.
|
| DID   THE   'FREE   KEY   MODE' MAP
| REPAIR THE PROBLEM?
| Y N
| |
| | 095
| | THE PROBLEM ON THE DISPLAY IS
| | NOT ON THE KEYBOARD.
| | GO TO PAGE 28, STEP 074,
| | ENTRY POINT AF.
| |
| 096
| - VERIFY THE REPAIR
|
097
THE ALTERNATE CONSOLE IS A 4978
RPQ DISPLAY.   THE 4978 DISPLAY IS
NOT WORKING.

- SEE IF THE 4978 DISPLAY HAS ANY
  MESSAGE(S) ON THE SCREEN.

DOES   THE   SCREEN   DISPLAY
MESSAGE(S) CORRECT?
Y N
| |
| |
| |
| |

3 3
7 7
B B
K L

| |
| |
| 098
| GO TO PAGE 28, STEP 074,
| ENTRY POINT AF.
|
099
THE 4978 CAN DISPLAY MESSAGE(S).
THE KEYBOARD BEING USED MAY NOT
MATCH   THE   KEYBOARD   FUNCTION
TABLE.   AS   A KEY ENTRY IS MADE,
NOTE IF THE CHARACTER DISPLAYED
IS THE SAME AS THE KEY PRESSED:
WHEN   THE   'B'   KEY IS PRESSED, A
'B' CHARACTER IS DISPLAYED AS   A
'B'.
AS   EACH KEY IS PRESSED, ENSURE
THE CHARACTER IS DISPLAYED.

DID   ALL   CHARACTERS   DISPLAYED
MATCH THE KEY PRESSED?
Y N
|
| 100
| - GO TO THE 4978 RPQ PROLOG FOR
| THE OFF LINE DIAGNOSTIC(S).
| - RUN THE   4978   RPQ   OFF LINE
| DIAGNOSTIC(S).
|
| DID THE 4978 RPQ OFF   LINE
| TEST(S) REPAIR THE KEYBOARD?
| Y N

3 3 3
8 8 8
B B B
M N P

```
| | |
| | |
| | 101
| | THE  KEYBOARD  FUNCTION TABLE
| | FROM THE  DISKETTE  DOES  NOT
| | MATCH THE KEYBOARD IN USE.
| |
| | - IPL DISKETTE P/N 1635001.
| |
| | AT MESSAGE:
| | 'PRESS  ANY KEY IN 15 SECONDS
| | TO       CHANGE      KEYBOARD
| | DESCRIPTION'
| |
| | - PRESS ANY KEY ON  THE  4978
| |   KEYBOARD.
| | GO TO MAP 0030,
| | ENTRY POINT PQ.
| |
| 102
| - VERIFY THE REPAIR
|
103
THE  PROBLEM  ON  THE 4978 RPQ IS
NOT ON THE KEYBOARD.
GO TO PAGE 28, STEP 074,
ENTRY POINT AF.
```

MAP 0023-38

THE CONSOLE FAILED

MAP 0023-39

PAPER ONLY

|
|
104
YOU ARE USING A 'TEMPORARY' ALTERNATE CONSOLE. AN ALTERNATE CONSOLE 'AATT -1', IS INSTALLED AND NOT WORKING.

- USE THE 'TEMPORARY' CONSOLE TO LOAD DIAGNOSTICS FOR THE 'AATT -1' CONSOLE THAT IS NOT WORKING.

- GO TO MAP PROLOG FOR ALTERNATE CONSOLE DEVICE SUSPECTED. READ SECTION 0.0.
- LOAD THE MAP INDICATED IN THE PROLOG, SECTION 0.0, FOR THE ALTERNATE CONSOLE ATTACHMENT OR DEVICE SUSPECTED.
- FOLLOW INSTRUCTIONS IN THE PROLOG, SECTION 0.0, AND RUN THE DIAGNOSTICS.

IF INSTRUCTED,
- ENTER ON TEMPORARY CONSOLE:

  BXXXX   ENTER OR RETURN
   XXXX =   AATT -1 DIAGNOSTIC

IF A KEY OR KEYBOARD IS SUSPECTED AS THE PROBLEM, BECAUSE OF A FAILURE WHEN THE KEYBOARD WAS USED, NOTE THIS WHEN READING THE PROLOG. THE PROLOG LISTS A KEYBOARD CHECK OR OFF LINE TESTS FOR THE ALTERNATE CONSOLE.

AFTER ALL OF THE DIAGNOSTIC(S) ARE RUN, ANSWER THE FOLLOWING QUESTION:

DID THE ALTERNATE CONSOLE DIAGNOSTIC(S) REPAIR THE PROBLEM?
Y N
|
| 105
| GO TO MAP 0070, ENTRY POINT A.
|
|
|
|
4
0
B
Q

MAP 0023-39

```
| |
| |
| 106
| - VERIFY THE REPAIR
|
107
```

(ENTRY POINT TT)

THE ASSIGNED ALTERNATE CONSOLE IS
A TTY TYPE.

- SEE IF A TTY TYPE ATTACHMENT
  CARD IS INSTALLED ON THE
  SYSTEM.

IS A TTY TYPE ATTACHMENT CARD
INSTALLED ON THE SYSTEM?
Y N   `
|
| 108
| THE CONFIGURATION TABLE ENTRY
| FOR THE ALTERNATE CONSOLE IS
| NOT CORRECT.
| GO TO PAGE 26, STEP 065,
| ENTRY POINT CC.
|
109
- SEE IF A WRAP CONNECTOR IS
  INSTALLED ON THE TOP CARD
  CONNECTOR OF THE TTY TYPE
  ATTACHMENT CARD.

IS A WRAP CONNECTOR INSTALLED ON
THE TTY ATTACHMENT CARD?
Y N
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |
| |

4 4
3 1
B B
R S

|
|
110
- SEE THE TTY TYPE DEVICE
  CONNECTED TO THE TTY ATTACHMENT
  CARD.

THE TTY TYPE DEVICE MAY BE AN I/O
TYPE DEVICE.   IT MAY HAVE   A
KEYBOARD AND BE A DISPLAY OR
PRINT DEVICE.

IS THE TTY TYPE DEVICE AN I/O
DEVICE?
Y N
|
| 111
| THERE IS A TTY TYPE ATTACHMENT
| INSTALLED ON THE SYSTEM. THERE
| IS NO TTY TYPE DEVICE CONNECTED
| TO THIS CARD.   THIS TTY TYPE
| DEVICE MUST NOT BE ASSIGNED IN
| THE CONFIGURATION TABLE AS THE
| SUPPORTED ALTERNATE CONSOLE.
|
| - CHANGE   THE   SUPPORTED
| ALTERNATE   CONSOLE   IN   THE
| CONFIGURATION TABLE, IF SOME
| OTHER ALTERNATE CONSOLE IS
| INSTALLED.
| •
| IS   SOME   OTHER   SUPPORTED
| ALTERNATE CONSOLE INSTALLED ON
| THE SYSTEM?
| Y N
| |
| | 112
| | - ENTER ON THE CONSOLE:
| | --------------------
| | (B)   6   (I) (I)
| |
| | GO TO PAGE 26, STEP 065,
| | ENTRY POINT CC.
| |
| |
| |

| |
| |
| 113
| GO TO PAGE 18, STEP 048,
| ENTRY POINT CD.
|
114
A TTY TYPE IS CONNECTED TO THE
TTY ATTACHMENT CARD.   ON A TTY
TYPE ALTERNATE CONSOLE,   THE
SWITCH IS IN THE 'LINE' SETTING.

- ENSURE THE TTY IS READY.
- ENSURE THE TTY POWER IS ON.

IS THE TTY TYPE POWER ON, AND THE
TTY TYPE READY?
Y N
|
| 115
| - ENSURE THE TTY IS READY.
| GO TO MAP 0020, ENTRY POINT A.
|
116
- SEE IF THERE IS SOME OTHER
  SUPPORTED   ALTERNATE   CONSOLE
  INSTALLED ON THE SYSTEM.

IS THERE SOME OTHER SUPPORTED
ALTERNATE CONSOLE INSTALLED ON
THE SYSTEM?
Y N
|
| 117
| GO TO PAGE 15, STEP 040,
| ENTRY POINT TY.
|
118
GO TO PAGE 18, STEP 048,
ENTRY POINT CD.

|
|
119
AT EACH IPL, '3801' WILL BE IN
THE DATA LEDS. THE CONFIGURATION
TABLE   HAS   THE   TTY   AS   THE
ALTERNATE   CONSOLE.   THE   WRAP
CONNECTOR IS INSTALLED,   THE   TTY
IS NOT INSTALLED.
TO CONTINUE IN THE MAP,

- ENTER ON THE CONSOLE:

(B) 6 (I) (I)

GO TO PAGE 5, STEP 012,
ENTRY POINT PP.

THE CONSOLE FAILED

PAPER ONLY

MAP 0023-44

|
|
120
(ENTRY POINT AA)

THE CONSOLE ASSIGNED BY DCP IS
THE PROGRAMMER CONSOLE. THERE IS
AN ALTERNATE CONSOLE INSTALLED ON
THE SYSTEM.

- SEE   THE   ALTERNATE   CONSOLE
  DEVICE ADDRESS AND TYPE YOU
  WANT TO USE AS A TEMPORARY
  ASSIGNED ALTERNATE CONSOLE. TO
  USE THIS OTHER CONSOLE, MAKE
  THE CHANGE AS FOLLOWS:

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

THE DATA LEDS SHOULD BE 1950.

IS THE PROCESSING UNIT A 4952,
4953 OR 4955?
Y N
|
| 121
| THE STOP LED IS ON, BUT THE
| DATA LEDS DO NOT EQUAL 1950.
|
| - PRESS THE START KEY UNTIL THE
| DATA LEDS EQUAL 1950 AND THE
| STOP LED IS ON.
| GO TO PAGE 19, STEP 050,
| ENTRY POINT AU.
|
|

|
|
122
(ENTRY POINT AW)

- SELECT CONSOLE FROM THE TABLE.

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

IS THE ACTION COMPLETE?
Y N
|
| 123
| - COMPLETE   THE   ACTION   AND
| CONTINUE ON THE YES LEG.
|
|
|
|
|
|
|
|
|
|
4
6
B
W

MAP 0023-45

|
|
124
- DISPLAY REGISTER ZERO (0).
- ENTER THE NEW ALTERNATE CONSOLE
  DEVICE ADDRESS AND TYPE (AATT).
- PRESS THE STORE KEY.
- SEE IF THE ALTERNATE CONSOLE
  SELECTED IS OTHER THAN A 4975,
  52X1,4980, 7485 OR 5200 SERIES
  PRINTER.

IS THE CONSOLE OTHER THAN ONE OF
THE ABOVE?
Y N
|
| 125
| - SEE IF THE ALTERNATE CONSOLE
| ASSIGNED IS A 4975.
|
| IS THE ALTERNATE CONSOLE
| ASSIGNED A 4975?
| Y N
| |
| | 126
| | - SEE IF THE ALTERNATE
| | CONSOLE ASSIGNED IS A 52X1.
| |
| | IS THE ALTERNATE CONSOLE
| | ASSIGNED A 52X1?
| | Y N
| | |
| | | 127
| | | - SEE IF THE ALTERNATE
| | | CONSOLE ASSIGNED IS A
| | | 4980.
| | |
| | | IS THE ALTERNATE CONSOLE
| | | ASSIGNED A 4980?
| | | Y N

5 4 4 4 4
0 9 9 8 7
B B B C C
X Y Z A B

MAP 0023-46

THE CONSOLE FAILED   MAP 0023-47

       PAPER ONLY

       PAGE 47 OF 56
|
|
128
- SEE IF THE ALTERNATE CONSOLE
  ASSIGNED IS A 7485.

IS THE ALTERNATE CONSOLE ASSIGNED
A 7485?
Y N
|
| 129
| - SEE IF THE ALTERNATE CONSOLE
| ASSIGNED IS A 5200 SERIES
| PRINTER.
|
| IS   THE   ALTERNATE   CONSOLE
| ASSIGNED A 5200 SERIES PRINTER?
| Y N
| |
| | 130
| | GO TO PAGE 25, STEP 064,
| | ENTRY POINT AV.
| |
| 131
| 5200 SERIES PRINTER SUBADDRESS
| MUST BE ENTERED IN REGISTER 1
| AS 000X.
|
| - DISPLAY REGISTER ONE (1).
| - ENTER ON THE CONSOLE:
| --------------------
| - PRESS 0 KEY.
| - PRESS 0 KEY.
| - PRESS 0 KEY.
| - PRESS X KEY.
| WHERE X = PAAA
| P = PORT NUMBER 0 - 1
| AAA = PRINTER ADDRESS 0 - 6
| GO TO PAGE 50, STEP 136,
| ENTRY POINT AX.
|
|
|
|
|
|

MAP 0023-47

```
| |
| |
| 132
| 7485 - A MODEL (53 OR 63)   MUST
| BE  ENTERED  IN  REGISTER  1 AS
| 000X.
|
| - DISPLAY REGISTER ONE (1).
| - ENTER ON THE CONSOLE:
|   --------------------
| - PRESS 0 KEY.
| - PRESS 0 KEY.
| - PRESS 0 KEY.
| - PRESS X KEY.
|        X = 1 = MODEL 53
|            2 = MODEL 63
| GO TO PAGE 50, STEP 136,
| ENTRY POINT AX.
|
133
4980 - CABLE AND STATION  ADDRESS
MUST  BE ENTERED IN REGISTER 1 AS
ZYXX.

- DISPLAY REGISTER ONE (1).
- ENTER ON THE CONSOLE:
  --------------------
- PRESS Z KEY.
- PRESS Y KEY.
- PRESS X KEY.
- PRESS X KEY.
        Z = PORT ADDRESS 0-1
        Y = LINE SPEED 0=100K
                       1=250K
                       2=500K
      XX = TERMINAL ADDRESS
GO TO PAGE 50, STEP 136,
ENTRY POINT AX.
```

```
| |
| |
| 134
| 52X1  -   CABLE   AND  STATION
| ADDRESS  MUST  BE  ENTERED  IN
| REGISTER 1 AS 00XY.
|
| - DISPLAY REGISTER ONE (1).
| - ENTER ON THE CONSOLE:
|   --------------------
| - PRESS 0 KEY.
| - PRESS 0 KEY.
| - PRESS X KEY.
| - PRESS Y KEY.
|         X = CABLE ADDRESS    0-3
|         Y = STATION ADDRESS 0-6
| GO TO PAGE 50, STEP 136,
| ENTRY POINT AX.
|
135
4975 - A MODEL (01L OR 02L)  MUST
BE ENTERED IN REGISTER 1 AS 000X.

- DISPLAY REGISTER ONE (1).
- ENTER ON THE CONSOLE:
  --------------------
- PRESS 0 KEY.
- PRESS 0 KEY.
- PRESS 0 KEY.
- PRESS X KEY.
        X = 3 = MODEL 01L
            4 = MODEL 02L
GO TO PAGE 50, STEP 136,
ENTRY POINT AX.
```

136
(ENTRY POINT AX)

- PRESS THE STORE KEY.
- PRESS THE STOP ON ADDRESS KEY.
- PRESS THE START KEY.

REMEMBER - THE 'OTHER' CONSOLE
YOU ASSIGNED IS USED UNTIL YOU
IPL THE PROCESSING UNIT AGAIN.
DO THE ABOVE PROCEDURE BEFORE
EACH IPL, OR THE 'OLD' CONSOLE
WILL   BE   USED   BY   THE
DIAGNOSTIC(S).

THE PROGRAMMER OR C E CONSOLE IS
NOT USED AS THE ASSIGNED CONSOLE.
THERE IS SOME OTHER CONSOLE
INSTALLED ON THIS SYSTEM.   IT
MUST BE ASSIGNED AS THE ALTERNATE
CONSOLE IN THE CONFIGURATION
TABLE. THIS CONSOLE IS THE ONE
YOU ARE NOW USING.

3101 SWITCHES IF SUPPORTED BY:

  FPMLC CURRENT INTERFACE, RPQ
  D02350 AND 1310 MULTIFUNCTION.
1234567812345678 1234567812345678
 X   X   X X   X XX X
X X   X X   XX XX

      FPMLC WITH RS232C.
1234567812345678 1234567812345678
 XXX   X   X X   X XX X
X   X X   XX XX

    TTY WITH EIA INTERFACE.
1234567812345678 1234567812345678
  X   X   X XX
XX   X   X   *******

   TTY WITH CURRENT INTERFACE.
1234567812345678 1234567812345678
  X   X   X XX
XXX   X   X   *******

   ACCA SL - ML EIA RS232C
1234567812345678 1234567812345678
 XXX X   X X   XXX XXX
X   XX   X   X

X = SWITCH POSITIONS. CHANGE IF
    NEEDED. WHEN DONE, RETURN TO
    CUSTOMERS ORIGINAL POSITION.
* = SET TO MATCH THE BAUD RATE OF
    THE TTY ATTACHMENT CARD. SEE
    3101 COVER AND LOGIC SD100.

DO YOU WANT   TO   CHANGE   THE
ALTERNATE CONSOLE TO THE ONE YOU
ARE NOW USING?
Y N
| |
| |
| |
| |

5 5
1 1
C C
D E

| |
| |
| 137
| GO TO MAP 0020, ENTRY POINT PD.
|
138
- SEE   THE   MESSAGE   ON   THE
  ALTERNATE CONSOLE.

CONFIGURATION ERROR(S)
01=TERMINATE
02=PRINT ALL ERRORS
03=PRINT OPTIONS
04=BYPASS 2 CHANNEL SWITCH ERRORS

IS   THIS MESSAGE ON THE ALTERNATE
CONSOLE?
Y N
|
| 139
| - SEE   THE   MESSAGE   ON   THE
| ALTERNATE CONSOLE.
|
| 'FIRST AUTO CONFIGURATION
| INNER STORAGE
| 03=16K, 07=32K, 0B=48K, 0F=64K
| ENTER'
|
| OR
|
| 'ALTERNATE   CONSOLE   DEVICE
| ADDRESS AND TYPE
| ENTER'
|
| IS   ONE OF THE ABOVE MESSAGE(S)
| ON THE ALTERNATE CONSOLE?
| Y N

5 5 5
2 2 2
C C C
F G H

MAP 0023-51

C C C   THE CONSOLE FAILED   MAP 0023-52
F G H
5 5 5   PAPER ONLY
1 1 1
                 PAGE 52 OF 56
```

```
| | |
| | |
| | 140
| | YOU     HAVE     ASSIGNED    A
| | 'TEMPORARY' ALTERNATE CONSOLE
| | WITH THE  'STOP  ON  ADDRESS'
| | PROCEDURE.
| | THE    CONFIGURATION   PROGRAM
| | '38F0' MUST NOW BE LOADED.
| |
| | - ENTER ON THE CONSOLE:
| |   --------------------
| |   B38F0 ENTER OR RETURN
| |
| | GO TO MAP 3881,
| | ENTRY POINT A.
| |
| 141
| GO TO MAP 3881, ENTRY POINT A.
|
142
- SEE  IS  THE  ALTERNATE CONSOLE
  YOU ARE USING  HAS  A  KEYBOARD
  INSTALLED ON IT.

DOES  THE  ALTERNATE  CONSOLE YOU
ARE   USING   HAVE   A   KEYBOARD
INSTALLED ON IT?
Y N
|
| 143
| THE PROGRAMMER OR C  E  CONSOLE
| IS  THE  CONSOLE  USED  BY DCP.
| YOU   ARE  USING  AN  ALTERNATE
| CONSOLE THAT DOES  NOT  HAVE  A
| KEYBOARD INSTALLED ON IT.
|
| DO  YOU   WANT   TO   USE   THE
| CONFIGURATION PROGRAM?
| Y N
| | |
| | |
| | |
| | |
| | |
| | |

5 5 5
3 3 3
C C C
J K L
```

29JUL83   PN6060917

ECA08003   PEC336711
```

```
C C C       THE CONSOLE FAILED                              MAP 0023-53
J K L
5 5 5       PAPER ONLY
2 2 2
                    PAGE  53 OF  56
```

```
| | |
| | |
| | 144
| | - ENTER ON THE CONSOLE:
| |   ---------------------
| |   (B)   1F       (I)
| |   (B)  0100        (I) (I)
| |         01 = TERMINATE
| |
| | THE    CONFIGURATION    PROGRAM
| | WILL TERMINATE.
| |
| | GO TO PAGE 5, STEP 012,
| | ENTRY POINT PP.
| |
| 145
| - CHANGE     THE    CONFIGURATION
|    TABLE IN STORAGE.
| GO TO MAP 3881, ENTRY POINT A.
|
146
THE  ALTERNATE  CONSOLE  YOU  ARE
USING HAS A KEYBOARD INSTALLED ON
IT.   SEE   THE  ACTION YOU WANT TO
TAKE:

ENTER A NEW ATTACHMENT OR  DEVICE
ENTRY IN THE TABLE.
REMOVE  AN  ATTACHMENT  OR DEVICE
ENTRY FROM THE TABLE.
CHANGE   A   CONFIGURATION  TABLE
ENTRY.
CHANGE   THE   ALTERNATE  CONSOLE
ASSIGNED IN THE TABLE.

DO   YOU   WANT   TO  CHANGE   THE
CONFIGURATION TABLE?
Y N
| |
| |
| |
| |
| |
| |
| |
| |
5 5
5 4
C C
M N
```

|
|
147
YOU DO NOT WANT TO CHANGE THE
CONFIGURATION TABLE. THE
ALTERNATE CONSOLE HAS A KEYBOARD.

DO YOU WANT TO CONFIGURE THE
SYSTEM?
Y N
|
| 148
| - SEE IF YOU WANT TO USE THE
| CONFIGURATION PROGRAM.
|
| DO YOU WANT TO USE THE
| CONFIGURATION PROGRAM?
| Y N
| |
| | 149
| | - ENTER ON THE CONSOLE:
| | ---------------------
| | F01   ENTER OR RETURN
| | 01 = TERMINATE
| |
| | THE PROGRAM WILL TERMINATE.
| | GO TO MAP 0020,
| | ENTRY POINT PD.
| |
| 150
| - ENTER ON THE CONSOLE:
| ---------------------
| F03   ENTER OR RETURN
| 03 = OPTION TABLE
|
| THE 'OPTION TABLE' WILL PRINT
| OR DISPLAY. USE MAP 3881 TO DO
| WHAT YOU WANT.
| GO TO MAP 3881, ENTRY POINT A.
|
|
|
|
|
|
|

```
| |
| |
| 151
| - ENTER ON THE CONSOLE:
|   ---------------------
|   F03   ENTER OR RETURN
|    03 = OPTION TABLE
|
| - USE MAP 3881 TO CONFIGURE THE
|   SYSTEM.
| GO TO MAP 3881, ENTRY POINT A.
|
152
```
YOU   WANT   TO   CHANGE   THE
CONFIGURATION TABLE,   AND   THE
ALTERNATE CONSOLE YOU ARE USING
HAS A KEYBOARD.

- ENTER ON THE CONSOLE:

  F03   ENTER OR RETURN
   03 = OPTION TABLE

THE 'OPTION TABLE' WILL PRINT OR
DISPLAY.
- USE MAP 3881 TO CHANGE THE
  CONFIGURATION TABLE.
GO TO MAP 3881, ENTRY POINT A.

MAP 0023-55

153
THE   'COMMON   I/O'   ARE   THE
ATTACHMENT   OR   DEVICE   CARD(S)
INSTALLED IN THE SAME BOARD WITH
THE TWO CHANNEL SWITCH OR ANY
EXPANSION UNIT BEYOND THE TWO
CHANNEL SWITCH.

IF   THE   ALTERNATE   CONSOLE   IS
INSTALLED AS 'COMMON I/O', AND
THE TWO CHANNEL SWITCH IS NOT
CONNECTED TO THE PROCESSING UNIT,
DCP   CANNOT FIND THE ASSIGNED
ALTERNATE CONSOLE AND IS AT A
'3801' HALT. IF THE ASSIGNED
ALTERNATE CONSOLE IS NOT PART OF
THE 'COMMON I/O', THIS IS AN
ERROR CONDITION.

IS THE ALTERNATE CONSOLE PART OF
THE 'COMMON I/O'?
Y N
|
| 154
| GO TO PAGE 13, STEP 034,
| ENTRY POINT CN.
|
155
TO USE THE ALTERNATE CONSOLE IN
COMMON I/O THE TWO CHANNEL SWITCH
MUST BE SET TO THIS PROCESSOR.
IF THIS IS NOT POSSIBLE OR YOU
SUSPECT THE TWO CHANNEL SWITCH IS
AT FAULT,
GO TO PAGE 13, STEP 034,
ENTRY POINT CN.