

FEAT #2095/2096

PAGE 1 OF 8

ENTRY POINTS

FROM	ENTER THIS MAP		

MAP	ENTRY	PAGE	STEP
NUMBER	POINT	NUMBER	NUMBER

EA03	A	2	003

EXIT POINTS

EXIT THIS MAP		TO	

PAGE	STEP	MAP	ENTRY
NUMBER	NUMBER	NUMBER	POINT

8	037	EA05	A
4	015	EA15	A
6	027	EA15	A
4	016	EA20	A
4	017	EA20	A
7	028	EA20	A
7	029	EA20	A
8	034	EA20	A

001
 DO NOT LOAD THIS MAP. IT NEEDS
 DATA PASSED FROM ANOTHER MAP
 EA00. LOAD MAP EA00.

CHECK FOR MANUAL LOAD.

WAS THIS MAP LOADED BY ANOTHER
 MAP?
 MDI=\$TUXX,TEA00,2,FFFF,EQ
 Y N

| 002
 | LOAD MAP EA00
 | DO NOT LOAD THIS MAP. IT NEEDS
 | DATA PASSED FROM ANOTHER MAP
 | EA00. LOAD MAP EA00.
 | MDI=\$FIXT

COPYRIGHT IBM CORP 1976

16APR82 PN6838107

REVISED 1979

EC326765 PEC988042

1 FEAT #2095/2096
PAGE 2 OF 8

003
(ENTRY POINT A)

CONNECT INTERRUPT POINTER FOR DCP
RESULT=0?
MDI=\$TUXX,TEA0F,2,0000,EQ
Y N

004
GO TO MAP 0070
MDI=\$FIXT

005
DEVICE RESET TO ALL DEVICES
RESULT= 0?
MDI=\$TUXX,TEA01,2,0000,EQ
Y N

006
EXCHANGE CONTROLLER CARD
VERIFY THE REPAIR.
MDI=\$FIXT

007
PREPARE TO LEVEL 0 ALL ATTACHED
DEVICES
RESULT= 0?
MDI=\$TUXX,TEA03,2,0000,EQ,PLNG=4,
PARM=0001
Y N

008
EXCHANGE CONTROLLER CARD
VERIFY THE REPAIR.
MDI=\$FIXT

B
2

FPMLC AUTOMATIC MAP

MAP EA04-3

FEAT #2095/2096

PAGE 3 OF 8

009

SET CONTROL/SET MODE

SET MODE 8 DATA BITS, 2 STOP
BITS, EVEN PARITY

RESULT= 0

MDI=\$TUXX,TEA05,2,0000,EQ,
PLNG=19,PARM=0003/0007/00BF/7F00
Y N

010

EXCHANGE CONTROLLER CARD
VERIFY THE REPAIR.
MDI=\$FIXT

011

DIAGNOSTIC 2 TO ALL DEVICES
RESULT= 0?
MDI=\$TUXX,TEA23,2,0000,EQ,PLNG=9,
PARM=0008/7F00
Y N

012

DID ONE LINE FAIL?

DIAGNOSTIC ERROR ON SINGLE LINE?

IF 'LOOP STEP TO STEP' OPTION IS
'ON' (OPTION BYTE 02, BIT 01),
THIS STEP NEEDS THE PRECEDING
STEP FOR SETUP.

RESULT= 1?

MDI=\$TUXX,TEA00,2,0001,EQ
Y N

Vertical separator lines consisting of a series of vertical bars and dashes.

16APR82 PN6838107

EC326765 PEC988042

5 5 4
C D E

MAP EA04-3

E FPMLC AUTOMATIC MAP
3

MAP EA04-4

FEAT #2095/2096

PAGE 4 OF 8

013
WAS THERE MORE THAN 1 ERROR ON 1
CARD?

IF 'LOOP STEP TO STEP' OPTION IS
'ON' (OPTION BYTE 02, BIT 01),
THIS STEP NEEDS THE PRECEDING
STEP FOR SETUP.

RESULT= 2?

MDI=\$TUXX,TEA00,2,0002,EQ

Y N

014
DID ALL LINES ON ONE CARD FAIL?

DIAGNOSTIC ERROR ON ALL LINES ON
ONE CARD?

RESULT= 3?

MDI=\$TUXX,TEA00,2,0003,EQ

Y N

015
MORE THAN 4 ERRORS
GO TO MAP EA15
GO TO MAP EA15,
ENTRY POINT A.
MDI=\$CALL,TYPE=XTRNL,
MAP=EA15,EP=A

016
ALL LINES FAILED ON ONE CARD
GO TO MAP EA20
GO TO MAP EA20, ENTRY POINT A.
MDI=\$CALL,TYPE=XTRNL,MAP=EA20,
EP=A

017
MORE THAN 1 BUT NOT 4 LINES
FAILED
GO TO MAP EA20
GO TO MAP EA20, ENTRY POINT A.
MDI=\$CALL,TYPE=XTRNL,MAP=EA20,
EP=A

16APR82 PN6838107

EC326765 PEC988042

MAP EA04-4

C D
3 3

FPMLC AUTOMATIC MAP

MAP EA04-5

FEAT #2095/2096

PAGE 5 OF 8

| |
| |
| |
| |
| 018
| SINGLE LINE ERROR EXCHANGE
| ADAPTER CARD WITH FAILING
| ADDRESS
| MDI=\$FIXT

|
019
RESET COMMAND TO ALL ATTACHED
DEVICES
RESULT= 0?
MDI=\$TUXX,TEA01,2,0000,EQ
Y N

|
020
EXCHANGE CONTROLLER CARD
VERIFY THE REPAIR.
MDI=\$FIXT

021
SET CONTROL/SET MODE
SET MODE 7 DATA BITS, 1 STOP BIT,
NO PARITY

RESULT= 0
MDI=\$TUXX,TEA05,2,0000,EQ,
PLNG=19,PARM=0003/0007/00A4/7F00
Y N

|
022
EXCHANGE CONTROLLER CARD
VERIFY THE REPAIR.
MDI=\$FIXT

|
023
DIAGNOSTIC 2 TO ALL DEVICES
RESULT= 0?
MDI=\$TUXX,TEA23,2,0000,EQ,PLNG=9,
PARM=0007/7F00

Y N
| |
| |
| |
| |
| |
| |
| |
| |

7 6
F G

16APR82 PN6838107
EC326765 PEC988042

MAP EA04-5

G
5

FPMLC AUTOMATIC MAP

MAP EA04-6

FEAT #2095/2096

PAGE 6 OF 8

024

DID ONE LINE FAIL?

DIAGNOSTIC ERROR ON SINGLE LINE?

IF 'LOOP STEP TO STEP' OPTION IS 'ON' (OPTION BYTE 02, BIT 01), THIS STEP NEEDS THE PRECEDING STEP FOR SETUP.

RESULT= 1?

MDI=\$TUXX,TEA00,2,0001,EQ

Y N

025

WAS THERE MORE THAN 1 ERROR ON 1 CARD?

IF 'LOOP STEP TO STEP' OPTION IS 'ON' (OPTION BYTE 02, BIT 01), THIS STEP NEEDS THE PRECEDING STEP FOR SETUP.

RESULT= 2?

MDI=\$TUXX,TEA00,2,0002,EQ

Y N

026

DID ALL LINES ON ONE CARD FAIL?

DIAGNOSTIC ERROR ON ALL LINES ON ONE CARD?

RESULT= 3?

MDI=\$TUXX,TEA00,2,0003,EQ

Y N

027

MORE THAN 4 ERRORS

GO TO MAP EA15

GO TO MAP EA15,

ENTRY POINT A.

MDI=\$CALL,TYPE=XTRNL,

MAP=EA15,EP=A

16APR82 PN6838107

EC326765 PEC988042

7 7 7
H J K

MAP EA04-6

F H J K
5 6 6 6

FPMLC AUTOMATIC MAP

MAP EA04-7

FEAT #2095/2096

PAGE 7 OF 8

028

ALL LINES FAILED ON ONE
CARD

GO TO MAP EA20

GO TO MAP EA20,

ENTRY POINT A.

MDI=\$CALL,TYPE=XTRNL,

MAP=EA20,EP=A

029

MORE THAN 1 BUT NOT 4 LINES
FAILED

GO TO MAP EA20

GO TO MAP EA20,

ENTRY POINT A.

MDI=\$CALL,TYPE=XTRNL,

MAP=EA20,EP=A

030

SINGLE LINE ERROR EXCHANGE
ADAPTER CARD WITH FAILING
ADDRESS

MDI=\$FIXT

031

RESET COMMAND TO ALL ATTACHED
DEVICES

RESULT= 0?

MDI=\$TUXX,TEA01,2,0000,EQ

Y N

032

EXCHANGE CONTROLLER CARD
VERIFY THE REPAIR.

MDI=\$FIXT

16APR82 PN6838107

EC326765 PEC988042

8
L

MAP EA04-7

L FPMLC AUTOMATIC MAP
7

MAP EA04-8

FEAT #2095/2096

PAGE 8 OF 8

|
|
|
|
033
START CYCLE STEAL STATUS AND TEST
STATUS WORDS 2 AND 3 ON ALL
ATTACHED DEVICES
RESULT= 0?
MDI=\$TUXX,TEA13,2,0000,EQ,PLNG=9,
PARM=0000/0000

Y N

|
| 034
| ISB OR STATUS WORD ERROR
| GO TO MAP EA20
| GO TO MAP EA20, ENTRY POINT A.
| MDI=\$CALL,TYPE=XTRNL,MAP=EA20,
| EP=A

|
035
RESET COMMAND TO ALL ATTACHED
DEVICES
RESULT= 0?
MDI=\$TUXX,TEA01,2,0000,EQ

Y N

|
| 036
| EXCHANGE CONTROLLER CARD
| VERIFY THE REPAIR.
| MDI=\$FIXT

|
037
END OF MAP EA04
GO TO MAP EA05, ENTRY POINT A.
MDI=\$GOTO,TYPE=XTRNL,EP=A,
MAP=EA05

16APR82 PN6838107

EC326765 PEC988042

MAP EA04-8