

ENTRY POINTS

FROM	ENTER THIS MAP		
MAP NUMBER	ENTRY POINT	PAGE NUMBER	STEP NUMBER
0020	A	1	001
4810	A	1	001
4830	A	1	001

EXIT POINTS

EXIT THIS MAP		TO	
PAGE NUMBER	STEP NUMBER	MAP NUMBER	ENTRY POINT
1	002	0070	A
7	080	4810	A
8	086	4810	A
8	088	4810	A
8	084	4810	A
9	076	4813	E

001  
 (ENTRY POINT A)

THIS IS AN MDI 'AUTO MODE' MAP (SEE DIAGNOSTIC SERVICE GUIDE 05.00.00).  
 TO USE IT IN MANUAL MODE: LOAD AND EXECUTE THE MAP PROGRAM (BXXXX WHERE XXXX=MAP#).  
 NO CE RESPONSE IS NEEDED. IF A FAILURE IS FOUND THE PROGRAM WILL IDENTIFY THE FAILING FIELD REPLACEMENT UNIT(S) OR LOAD ONE OR MORE 'MANUAL MODE' MAPS AND IS EXECUTED UNTIL A FIELD REPLACEMENT UNIT(S) CAN BE IDENTIFIED, OR UNTIL CE ACTION IS NEEDED. (SEE DIAGNOSTIC SERVICE GUIDE 05.01.00).

SEND A HALT I/O COMMAND  
 I/O CC=7?  
 MDI=\$TUXX,T3C00,02,0708,EQ,PLNG=6,PARM=F00000  
 Y  
 N

002  
 NO I/O CC=7 ON HALT I/O - GO TO MAP 0070  
 GO TO MAP 0070, ENTRY POINT A.  
 MDI=\$FIXT

003  
 SEND AN I/O RESET  
 I/O CC=7?  
 MDI=\$TUXX,T3C00,02,0708,EQ,PLNG=6,PARM=6F0000  
 Y  
 N

004  
 I/O CC=0?  
 MDI=\$TUXX,T3C02,02,0008,EQ,  
 Y  
 N

005  
 CHECK VOLTAGE PINS IN DEVICE ON DRIVE CONTROL CARD (+24,+5, -5). SEE MLD VOL.1 SF140 FOR TEST POINTS. IF VOLTAGE IS OK EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF TOLERANCE GO TO POWER SUPPLY MAP 4880.  
 MDI=\$FIXT

006  
 SEND A READ I.D. COMMAND  
 I/O CC=0?  
 MDI=\$TUXX,T3C00,04,00080000,EQ,PLNG=6,  
 PARM=200000  
 Y  
 N

007  
 CHECK VOLTAGE PINS IN DEVICE ON DRIVE CONTROL CARD (+24,+5, -5). SEE MLD VOL.1 SF140 FOR TEST POINTS. IF VOLTAGE IS OK EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF TOLERANCE GO TO POWER SUPPLY MAP 4880.  
 MDI=\$FIXT

008  
 WRONG DEVICE ADDRESS  
 CHECK DEVICE ADDRESS AGAINST CONFIGURATION.  
 IF WRONG: RUN AGAIN AGAINST CORRECT ADDRESS.  
 IF CORRECT ADDRESS:  
 EXCHANGE I/O ATTACHMENT CARD.  
 MDI=\$FIXT

009  
 DELAY FOR 100 MILLISECOND(S)  
 DELAY COMPLETE?  
 MDI=\$TUXX,T3C01,02,0708,EQ,PLNG=4,PARM=FFFF  
 Y  
 N

010  
 CHECK VOLTAGE PINS IN DEVICE ON DRIVE CONTROL CARD (+24,+5, -5). SEE MLD VOL.1 SF140 FOR TEST POINTS. IF VOLTAGE IS OK EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF TOLERANCE GO TO POWER SUPPLY MAP 4880.  
 MDI=\$FIXT

A  
1

DISKETTE UNIT ENTRY MAP  
CHANNEL INTERFACE MAP  
PAGE 2 OF 8

MAP 4800-2

011  
SEND A READ I.D. COMMAND  
I/O CC=7  
MDI=\$TUXX,T3C00,02,0708,EQ,PLNG=6,PARM=200000  
N

012

I/O CC=5?  
MDI=\$TUXX,T3C02,02,0508,EQ  
N

013

I/O CC=3?  
MDI=\$TUXX,T3C02,02,0308,EQ  
N

014

I/O CC=2?  
MDI=\$TUXX,T3C02,02,0208,EQ  
N

015  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5,-5). SEE MLD  
VOL 1 SF140 FOR TEST POINTS. IF  
VOLTAGE IS OK EXCHANGE ATTACH CARD.  
IF VOLTAGE IS OUT OF TOLERANCE GO TO  
POWER SUPPLY MAP 4880.  
MDI=\$FIXT

016  
DELAY FOR 100 MILLISECOND(S)  
DELAY COMPLETE?  
MDI=\$TUXX,T3C01,02,0208,EQ,PLNG=4,  
PARM=FFFF  
N

017  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5,-5). SEE MLD  
VOL 1 SF140 FOR TEST POINTS. IF  
VOLTAGE IS OK EXCHANGE ATTACH CARD.  
IF VOLTAGE IS OUT OF TOLERANCE GO TO  
POWER SUPPLY MAP 4880.  
MDI=\$FIXT

018  
SEND A READ I.D. COMMAND  
I/O CC=7  
MDI=\$TUXX,T3C00,04,07080000,EQ,PLNG=6,  
PARM=200000  
N

019  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5,-5). SEE MLD  
VOL 1 SF140 FOR TEST POINTS. IF  
VOLTAGE IS OK EXCHANGE ATTACH CARD.  
IF VOLTAGE IS OUT OF TOLERANCE GO TO  
POWER SUPPLY MAP 4880.  
MDI=\$FIXT

020  
BUSY STATUS - O.K. WHEN RUN AGAIN  
GO TO PAGE 3, STEP 023,  
ENTRY POINT C  
MDI=\$GOTO,TYPE=INTRNL,EP=C

021  
COMMAND REJECT - EXCHANGE I/O ATTACHMENT  
CARD  
VERIFY THE REPAIR.  
MDI=\$FIXT

022  
INTERFACE DATA CHECK - EXCHANGE I/O  
ATTACHMENT CARD  
VERIFY THE REPAIR.  
MDI=\$FIXT

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

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

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BYTE 02, BIT 01), THIS STEP WILL NEED THE  
PRECEDING STEP FOR SETUP.

3  
B

20NOV81 PN1635064  
EC466795 PEC877041  
MAP 4800-2

B  
M

DISKETTE UNIT ENTRY MAP  
CHANNEL INTERFACE MAP  
PAGE 3 OF 8

MAP 4800-3

023  
(ENTRY POINT C)

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

I.D. = OK?  
MDI=\$TUXX,T3C02,04,07080000,EQ  
Y  
N

024  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5,-5). SEE MLD VOL. I  
SF140 FOR TEST POINTS. IF VOLTAGE IS OK  
EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF  
TOLERANCE GO TO POWER SUPPLY MAP 4880.  
MDI=\$FIXT

025  
SEND A READ COMMAND  
FUNCTION = 00  
I/O CC=3?  
MDI=\$TUXX,T3C00,02,0308,EQ,PLNG=6,PARM=000000  
Y  
N

026  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5,-5). SEE MLD VOL. I  
SF140 FOR TEST POINTS. IF VOLTAGE IS OK  
EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF  
TOLERANCE GO TO POWER SUPPLY MAP 4880.  
MDI=\$FIXT

027  
SEND A READ COMMAND  
FUNCTION = 01  
I/O CC=3?  
MDI=\$TUXX,T3C00,02,0308,EQ,PLNG=6,PARM=100000  
Y  
N

028  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5,-5). SEE MLD VOL. I  
SF140 FOR TEST POINTS. IF VOLTAGE IS OK  
EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF  
TOLERANCE GO TO POWER SUPPLY MAP 4880.  
MDI=\$FIXT

029  
SEND A READ STATUS COMMAND  
FUNCTION = 10  
MODIFIER = NOT 0000  
I/O CC=3?  
MDI=\$TUXX,T3C00,02,0308,EQ,PLNG=6,PARM=270000  
Y  
N

030  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5,-5). SEE MLD VOL. I  
SF140 FOR TEST POINTS. IF VOLTAGE IS OK  
EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF  
TOLERANCE GO TO POWER SUPPLY MAP 4880.  
MDI=\$FIXT

031  
SEND A PREPARE COMMAND  
I BIT OFF  
IDCB +2 = 0000  
ANY LEVEL  
I/O CC=7?  
MDI=\$TUXX,T3C00,02,0708,EQ,PLNG=6,PARM=600000  
Y  
N

032  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5,-5). SEE MLD VOL. I  
SF140 FOR TEST POINTS. IF VOLTAGE IS OK  
EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF  
TOLERANCE GO TO POWER SUPPLY MAP 4880.  
MDI=\$FIXT

033  
SEND A PREPARE COMMAND  
I BIT OFF  
IDCB +2 = 2222  
ANY LEVEL  
I/O CC=7?  
MDI=\$TUXX,T3C00,02,0708,EQ,PLNG=6,PARM=602222  
Y  
N

4 4  
C D

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EC466795 PEC877041  
MAP 4800-3

C D

DISKETTE UNIT ENTRY MAP  
CHANNEL INTERFACE MAP  
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MAP 4800-4

034  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5, -5). SEE MLD VOL I  
SF140 FOR TEST POINTS. IF VOLTAGE IS OK  
EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF  
TOLERANCE GO TO POWER SUPPLY MAP 4880.  
MDI=\$FIXT

035  
SEND A PREPARE COMMAND  
I BIT OFF  
TDCB +2 = FFFE  
ANY LEVEL  
I/O CC=7?  
MDI=\$TUXX,T3C00,02,0708,EQ,PLNG=6,PARM=60FFFE  
N

036  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5, -5). SEE MLD VOL I  
SF140 FOR TEST POINTS. IF VOLTAGE IS OK  
EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF  
TOLERANCE GO TO POWER SUPPLY MAP 4880.  
MDI=\$FIXT

037  
SEND A CONTROL COMMAND  
FUNCTION = 01  
MODIFIER NOT = 0000 OR 1111  
I/O CC=3?  
MDI=\$TUXX,T3C00,02,0308,EQ,PLNG=6,PARM=650000  
N

038  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5, -5). SEE MLD VOL I  
SF140 FOR TEST POINTS. IF VOLTAGE IS OK  
EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF  
TOLERANCE GO TO POWER SUPPLY MAP 4880.  
MDI=\$FIXT

039  
SEND A WRITE COMMAND  
FUNCTION = 01  
I/O CC=7?  
MDI=\$TUXX,T3C00,02,0708,EQ,PLNG=6,PARM=510000  
N

040  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5, -5). SEE MLD VOL I  
SF140 FOR TEST POINTS. IF VOLTAGE IS OK  
EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF  
TOLERANCE GO TO POWER SUPPLY MAP 4880.  
MDI=\$FIXT

041  
SEND A WRITE COMMAND  
FUNCTION = 01  
I/O CC=1?  
MDI=\$TUXX,T3C00,02,0108,EQ,PLNG=6,PARM=510000  
N

042  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5, -5). SEE MLD VOL I  
SF140 FOR TEST POINTS. IF VOLTAGE IS OK  
EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF  
TOLERANCE GO TO POWER SUPPLY MAP 4880.  
MDI=\$FIXT

043  
DELAY FOR 100 MILLISECOND(S)  
DELAY COMPLETE?  
MDI=\$TUXX,T3C01,02,0708,EQ,PLNG=4,PARM=FFFF  
N

044  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5, -5). SEE MLD VOL I  
SF140 FOR TEST POINTS. IF VOLTAGE IS OK  
EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF  
TOLERANCE GO TO POWER SUPPLY MAP 4880.  
MDI=\$FIXT

045

WAS OPERATION FREE OF AN INTERRUPT?  
MDI=\$TUXX,T3C02,02,0708,EQ

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

5 F

20NOV81 PN1635064  
EC466795 PEC877041  
MAP 4800-4

E F  
4 4

DISKETTE UNIT ENTRY MAP  
CHANNEL INTERFACE MAP  
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MAP 4800-5

046  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5, -5). SEE MLD VOL. I  
SF140 FOR TEST POINTS. IF VOLTAGE IS OK  
EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF  
TOLERANCE GO TO POWER SUPPLY MAP 4880.  
MDI=\$FIXT

047  
SEND AN I/O RESET  
I/O CC=7?  
MDI=\$TUXX,T3C00,02,0708,EQ,PLNG=6,PARM=6F0000  
N

048  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5, -5). SEE MLD VOL. I  
SF140 FOR TEST POINTS. IF VOLTAGE IS OK  
EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF  
TOLERANCE GO TO POWER SUPPLY MAP 4880.  
MDI=\$FIXT

049  
(ENTRY POINT B)

SEND A PREPARE COMMAND - LEVEL 0  
I/O CC=7?  
MDI=\$TUXX,T3C00,02,0708,EQ,PLNG=6,PARM=600001  
N

050  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5, -5). SEE MLD VOL. I  
SF140 FOR TEST POINTS. IF VOLTAGE IS OK  
EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF  
TOLERANCE GO TO POWER SUPPLY MAP 4880.  
MDI=\$FIXT

051

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

HAS OPERATION FREE OF AN INTERRUPT?  
MDI=\$TUXX,T3C02,02,0708,EQ  
N

052  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5, -5). SEE MLD VOL. I  
SF140 FOR TEST POINTS. IF VOLTAGE IS OK  
EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF  
TOLERANCE GO TO POWER SUPPLY MAP 4880.  
MDI=\$FIXT

053  
SEND AN INTERRUPTING COMMAND  
FUNCTION = 01  
I/O CC=7?  
MDI=\$TUXX,T3C03,01,07,EQ,PLNG=6,PARM=5F0000  
N

054  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5, -5). SEE MLD VOL. I  
SF140 FOR TEST POINTS. IF VOLTAGE IS OK  
EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF  
TOLERANCE GO TO POWER SUPPLY MAP 4880.  
MDI=\$FIXT

055  
INTERRUPT SHOULD OCCUR AT THIS TIME  
INDICATORS SHOULD BE AS FOLLOWS  
CC=2, ISB=/20, D.A.=TESTED DEVICE  
(ISB=/CO VALID FOR SOME DEVICES)  
ALL INDICATORS OK?  
MDI=\$TUXX,T3C02,03,070240,EQ  
N

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

056  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5, -5). SEE MLD VOL. I  
SF140 FOR TEST POINTS. IF VOLTAGE IS OK  
EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF  
TOLERANCE GO TO POWER SUPPLY MAP 4880.  
MDI=\$FIXT

057  
SEND A PREPARE COMMAND - LEVEL 1  
I/O CC=7?  
MDI=\$TUXX,T3C00,02,0708,EQ,PLNG=6,PARM=600003  
N

G H

20NOV81 PN1635064  
EC466795 PEC877041  
MAP 4800-5

058  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5, -5). SEE MLD VOL. I  
SF140 FOR TEST POINTS. IF VOLTAGE IS OK  
EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF  
TOLERANCE GO TO POWER SUPPLY MAP 4880.  
MDI=\$FIXT

059

WAS OPERATION FREE OF AN INTERRUPT?

MDI=\$TUXX,T3C02,02,0708,EQ

N

060  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5, -5). SEE MLD VOL. I  
SF140 FOR TEST POINTS. IF VOLTAGE IS OK  
EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF  
TOLERANCE GO TO POWER SUPPLY MAP 4880.  
MDI=\$FIXT

061

SEND AN INTERRUPTING COMMAND

FUNCTION = 01

I/O CC=7?

MDI=\$TUXX,T3C03,01,07,EQ,PLNG=6,PARM=5F0000

N

062  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5, -5). SEE MLD VOL. I  
SF140 FOR TEST POINTS. IF VOLTAGE IS OK  
EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF  
TOLERANCE GO TO POWER SUPPLY MAP 4880.  
MDI=\$FIXT

063

INTERRUPT SHOULD OCCUR AT THIS TIME

INDICATORS SHOULD BE AS FOLLOWS

CC=2, ISB=/20, D.A.=TESTED DEVICE

(ISB=/CO VALID FOR SOME DEVICES)

ALL INDICATORS OK?

MDI=\$TUXX,T3C02,03,070240,EQ

N

064  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5, -5). SEE MLD VOL. I  
SF140 FOR TEST POINTS. IF VOLTAGE IS OK  
EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF  
TOLERANCE GO TO POWER SUPPLY MAP 4880.  
MDI=\$FIXT

065

SEND A PREPARE COMMAND - LEVEL 2

I/O CC=7?

MDI=\$TUXX,T3C00,02,0708,EQ,PLNG=6,PARM=600005

N

066  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5, -5). SEE MLD VOL. I  
SF140 FOR TEST POINTS. IF VOLTAGE IS OK  
EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF  
TOLERANCE GO TO POWER SUPPLY MAP 4880.  
MDI=\$FIXT

067

WAS OPERATION FREE OF AN INTERRUPT?

MDI=\$TUXX,T3C02,02,0708,EQ

N

068  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5, -5). SEE MLD VOL. I  
SF140 FOR TEST POINTS. IF VOLTAGE IS OK  
EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF  
TOLERANCE GO TO POWER SUPPLY MAP 4880.  
MDI=\$FIXT

069

SEND AN INTERRUPTING COMMAND

FUNCTION = 01

I/O CC=7?

MDI=\$TUXX,T3C03,01,07,EQ,PLNG=6,PARM=5F0000

N

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

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

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

J K  
6 6

DISKETTE UNIT ENTRY MAP  
CHANNEL INTERFACE MAP  
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MAP 4800-7

070  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5,-5). SEE MLD VOL. I  
SF140 FOR TEST POINTS. IF VOLTAGE IS OK  
EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF  
TOLERANCE GO TO POWER SUPPLY MAP 4880.  
MDI=\$FIXT

071  
INTERRUPT SHOULD OCCUR AT THIS TIME  
INDICATORS SHOULD BE AS FOLLOWS  
CC=2, ISB=/20, D.A.=TESTED DEVICE  
(ISB=/GO VALID FOR SOME DEVICES)  
ALL INDICATORS OK?  
MDI=\$TUXX,T3C02,03,070240,EQ  
N

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

072  
CHECK VOLTAGE PINS IN DEVICE ON DRIVE  
CONTROL CARD (+24,+5,-5). SEE MLD VOL. I  
SF140 FOR TEST POINTS. IF VOLTAGE IS OK  
EXCHANGE ATTACH CARD. IF VOLTAGE IS OUT OF  
TOLERANCE GO TO POWER SUPPLY MAP 4880.  
MDI=\$FIXT

073  
MDI=TUXX,T4801  
RUN INTERRUPT INTERFACE TEST  
RAN OK?  
MDI=\$TUXX,T4801,02,FFF7,OF  
N

074  
TEST FAILED. EXCHANGE THE DISKETTE UNIT  
ATTACHMENT CARD.  
MDI=\$FIXT

075

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

IS DEVICE READY?  
MDI=\$TUXX,T3C02,02,0008,OF  
N

076  
DEVICE IS NOT READY  
GO TO MAP 4813  
GO TO MAP 4813, ENTRY POINT E.  
MDI=\$CALL,TYPE=XTRNL,MAP=4813,EP=E

077  
MDI=TUXX,T4853  
RUN START DIAGNOSTIC TEST.  
DOES THE ROS CHECK COMPARE?  
MDI=\$TUXX,T4853,02,0004,OF  
N

078  
EXCHANGE THE DISKETTE UNIT ATTACHMENT CARD.  
MDI=\$FIXT

079  
MDI=TUXX,T4803

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

DID WE RECEIVE AN INTERRUPT?  
MDI=\$TUXX,T3C02,02,0008,OF  
N

080  
EXTERNAL  
GO TO MAP 4813  
GO TO MAP 4813, ENTRY POINT A.  
MDI=\$CALL,TYPE=XTRNL,MAP=4813,EP=A

081  
MDI=TUXX,T4853

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

DOES THE ECHO CHECK WORK?  
MDI=\$TUXX,T3C02,02,0002,OF  
N

082  
EXCHANGE THE DISKETTE UNIT ATTACHMENT CARD.  
MDI=\$FIXT

083  
MDI=TUXX,T4853

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

IS THE DISK SPEED OK?  
MDI=\$TUXX,T3C02,02,0001,OF  
N

8 8  
L M

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EC466795 PEC877041  
MAP 4800-7

L M  
7 7

DISKETTE UNIT ENTRY MAP  
CHANNEL INTERFACE MAP  
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MAP 4800-8

084  
DISK SPEED WRONG  
GO TO MAP 4813  
GO TO MAP 4813, ENTRY POINT C.  
MDI=\$CALL,TYPE=XTRNL,MAP=4813,EP=C

085  
MDI=TUXX,TU4853

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

DID THE DIAGNOSTIC WRAP TEST 1 WORK?  
MDI=\$TUXX,T3C02,10,00000000000000006E00,ON  
N

086  
DIAGNOSTIC WRAP TEST FAILED  
GO TO MAP 4813  
GO TO MAP 4813, ENTRY POINT A.  
MDI=\$CALL,TYPE=XTRNL,MAP=4813,EP=A

087

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

DID DIAGNOSTIC WRAP TEST 2 WORK?  
MDI=\$TUXX,T3C02,10,000000000000000091FF,OF  
N

088  
DIAGNOSTIC WRAP TEST FAILED  
GO TO MAP 4813  
GO TO MAP 4813, ENTRY POINT A.  
MDI=\$CALL,TYPE=XTRNL,MAP=4813,EP=A

089  
CHECK ADDRESS 0 AND 1 IF MEMORY AVAILABLE.  
IS ADDRESS 0 AND 1 OK?  
MDI=\$TUXX,T48AB,02,0008,OF  
N

090  
CHECK PINS B02 AND B03 ON THE ATTACHMENT  
CARD AND BOARD, IF NO REPAIR REPLACE  
ATTACHMENT CARD. IF NO REPAIR GO TO MAP  
0070 ENTRY POINT A.  
MDI=\$FIXT

091  
CONTINUE WITH DISKETTE UNIT DEVICE MAPS  
MDI=\$GOTO,TYPE=XTRNL,EP=A,MAP=4801

20NOV81 PN1635064  
EC466795 PEC877041  
MAP 4800-8



M  
8

DISKETTE UNIT ENTRY MAP  
CHANNEL INTERFACE MAP  
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MAP 4800-9

085  
MDI=TUXX,TU4853

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

DID THE DIAGNOSTIC WRAP TEST 1 WORK?  
MDI=\$TUXX,T3C02,10,000000000000C0006E00,ON  
Y N

086  
DIAGNOSTIC WRAP TEST FAILED  
GO TO MAP 4813  
GO TO MAP 4813, ENTRY POINT A.  
MDI=\$CALL,TYPE=XTRNL,MAP=4813,EF=A

087

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

DID DIAGNOSTIC WRAP TEST 2 WORK?  
MDI=\$TUXX,T3C02,10,000000000000C00091FF,OF  
Y N

088  
DIAGNOSTIC WRAP TEST FAILED  
GO TO MAP 4813  
GO TO MAP 4813, ENTRY POINT A.  
MDI=\$CALL,TYPE=XTRNL,MAP=4813,EF=A

089  
CONTINUE WITH DISKETTE UNIT DEVICE MAPS  
MDI=\$GOTO,TYPE=XTRNL,EP=A,MAP=4801

11JAN80 PN1635064

EC877041 PEC578757

MAP 4800-9