

001
(ENTRY POINT A)
THIS MAP SHOULD NOT BE ENTERED UNLESS AN
ERROR HAS OCCURRED WHILE EXECUTING
SYSTEM TEST, AND THEN ONLY WHEN THE
DEVICE TYPE FIELD IS EQUAL TO HEXADECIMAL 'A0'.

NOTE: IN THIS MAP 'DI 1' INDICATES THE
THE LOWEST DI REGISTER DEVICE ADDRESS
WHILE 'DI 2' INDICATES THE HIGHER
DEVICE ADDRESS. THE SAME IS CORRECT
FOR THE DATA OUT DEVICE ADDRESS
(THAT IS 'DO 1' AND/OR 'DO 2')

DOES RTN = 0001 ?

Y N

002
DOES RTN = 0002 ?

Y N

003
DOES RTN = 0003 ?

Y N

004
DOES RTN = 0004 ?

Y N

005
DOES RTN = 0005 ?

Y N

006
DOES CHPT = 0000 ?

Y N

007
DOES CKPT = 0001 ?

Y N

008
DOES IO = 07 ?

Y N

009
COMMAND REJECT FROM ATTACHMENT CARD
EITHER A WRITE DO (BOTH)
OR READ DI (BOTH)
CHECK DCB, FLAGS AND ISB

010
DOES IN = 04 ?

Y N

011
WRITE DO OR READ DI FAILED
CHECK DCB, FLAGS AND ISB

012
DATA WRITTEN DOES NOT
COMPARE WITH DATA READ
DCB2 = RECEIVED DATA
DEV4 = EXPECTED DATA

013
DOES IO = 07 ?

Y N

014
COMMAND REJECT FROM ATTACHMENT CARD
ARM EXTERNAL SYNC. (ALL FOUR)

015
ARM EXTERNAL SYNC FAILED
CHECK DCB, FLAGS AND ISB

016
COMMAND REJECT FROM ATTACHMENT CARD
RESET TO ALL FOUR
PREPARE - LEVEL = 1 (ALL FOUR)

017
DOES CKPT = 0000 ?

Y N

018
DOES IO = 07 ?

Y N

019
COMMAND REJECT FROM ATTACHMENT CARD
ARM PI
SET EXTERNAL SYNC.
SET TEST 1
READ STATUS
CHECK DCB, FLAGS AND ISB

020
WRONG STATUS RECEIVED
DCB2 = RECEIVED STATUS
DEV4 = EXPECTED STATUS
CHECK DCB, FLAGS AND ISB

021
COMMAND REJECT FROM ATTACHMENT CARD
PREPARE - LEVEL = 1
RESET
CHECK DCB, FLAGS AND ISB

022
DOES CKPT = 0000 ?

Y N

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023
DOES CKPT = 0001 ?
Y N

024
DOES IO = 07 ?
Y N

025
COMMAND REJECT FROM ATTACHMENT CARD
READ DI
CHECK DCB, FLAGS AND ISB

026
READ DI DATA WRONG
DCB2 = RECEIVED DATA
DEV4 = EXPECTED DATA
CHECK DCB, FLAGS AND ISB

027
DOES IO = 07 ?
Y N

028
COMMAND REJECT FROM ATTACHMENT CARD
SET TEST 1
READ STATUS OF DI
CHECK DCB, FLAGS AND ISB

029
READ DI STATUS WRONG
DCB2 = RECEIVED STATUS
DEV4 = EXPECTED STATUS
CHECK DCB, FLAGS AND ISB

030
COMMAND REJECT FROM ATTACHMENT CARD
PREPARE LEVEL=1
RESET OF DI'S
CHECK DCB, FLAGS AND ISB

031
DOES CKPT = 0000 ?
Y N

032
DOES CKPT = 0001 ?
Y N

033
DOES IO = 07 ?
Y N

034
COMMAND REJECT FROM ATTACHMENT CARD
RESET BOTH DO'S
CHECK DCB, FLAGS AND ISB

035
COMMAND REJECT ERROR FROM DO
CHECK DCB, FLAGS AND ISB

036
COMMAND REJECT FROM ATTACHMENT CARD FAILED
CHECK DCB, FLAGS AND ISB

037
COMMAND REJECT FROM ATTACHMENT CARD
PREPARE WITH THE 'I' BIT OFF BOTH DO'S
CHECK DCB, FLAGS AND ISB

038
DOES CKPT = 0000 ?
Y N

039
DOES CKPT = 0001 ?
Y N

040
DOES IO = 07 ?
Y N

041
COMMAND REJECT FROM ATTACHMENT CARD
RESET BOTH DI'S
CHECK DCB, FLAGS AND ISB

042
COMMAND REJECT ERROR FROM DI
CHECK DCB, FLAGS AND ISB

043
COMMAND REJECT FROM ATTACHMENT CARD FAILED
CHECK DCB, FLAGS AND ISB

044
COMMAND REJECT FROM ATTACHMENT CARD
PREPARE WITH THE 'I' BIT OFF BOTH DO'S
CHECK DCB, FLAGS AND ISB

045
DOES CKPT = 0000 ?
Y N

046
DOES CKPT = 0001 ?
Y N

047
DOES IO = 07 ?
Y N

048
COMMAND REJECT FROM ATTACHMENT CARD
READ DEVICE ID (ALL 4)
RESET ALL FOUR
PREPARE - LEVEL = 2
ARM DI'S
SET TEST 1 ON BOTH DI'S
CHECK DCB, FLAGS AND ISB

049
DOES DEV4 = 0000 ?
Y N

050
WRONG DEVICE ID RECEIVED
DEV3 = RECEIVED ID
DEV4 = EXPECTED ID
DEV1 = DAXX (WHERE DA = DEVICE ADDRESS)

051
SET TEST 1 FAILED
CHECK DCB, FLAGS AND ISB

052
DOES IO = 07 ?
Y N

053
COMMAND REJECT FROM ATTACHMENT CARD
READ DEVICE ID (ALL 4)
RESET ALL FOUR
PREPARE - LEVEL = 1
ARM DI'S
SET TEST 1 ON BOTH DI'S
CHECK DCB, FLAGS AND ISB

054
DOES DEV4 = 0000 ?
Y N

055
WRONG DEVICE ID RECEIVED
DEV3 = RECEIVED ID
DEV4 = EXPECTED ID
DEV1 = DAXX (WHERE DA = DEVICE ADDRESS)

056
SET TEST 1 FAILED
CHECK DCB, FLAGS AND ISB

057
DOES IO = 07 ?
Y N

N P
4 4

IDIDO SYSTEM TEST ERROR MAP

MAP A0E0-5

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058
COMMAND REJECT FROM ATTACHMENT CARD
READ DEVICE ID (ALL 4)
RESET ALL FOUR
PREPARE - LEVEL = 0
ARM DI'S
SET TEST 1 ON BOTH DI'S
CHECK DCB, FLAGS AND ISB

059
DOES DEV4 = 0000 ?
Y N

060
WRONG DEVICE ID RECEIVED
DEV3 = RECEIVED ID
DEV4 = EXPECTED ID
DEV1 = DAXX (WHERE DA = DEVICE ADDRESS)

061
SET TEST 1 FAILED
CHECK DCB, FLAGS AND ISB