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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'44'.

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

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1 1 1 1 1
3 2 2 2 2
A B C D E F

| | ------------------------------------
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| |
| 006
| ALL OTHER ERRORS BUT THOSE INDICATED BY
| CHECKPOINT 0, 1 OR 2 WILL BE VISIBLE
| AND/OR DISPLAYED ON THE CATHODE RAY TUBE.
|
| DOES CKPT = 0000 ?
| Y N
| 007
| DOES CKPT = 0001 ?
| Y N
| 008
| DOES IO = 07 ?
| Y N
| 009
| COMMAND REJECT FROM ATTACHMENT CARD
| START INPUT/OUTPUT (WRITE)
| 010
| WRITE ERROR
| CHECK DCB, FLAGS AND ISB
| 011
| DOES IO = 07 ?
| Y N
| 012
| COMMAND REJECT FROM ATTACHMENT CARD
| START INPUT/OUTPUT (READ)
| 013
| READ ERROR
| CHECK DCB, FLAGS AND ISB
| 014
| DOES IO = 07 ?
| Y N
| 015
| COMMAND REJECT FROM ATTACHMENT CARD
| PREPARE - LEVEL = 1
| START INPUT/OUTPUT (CLEAR SCREEN)
| 016
| CLEAR SCREEN ERROR
| CHECK DCB, FLAGS AND ISB
017

ROUTINE FIVE DCB CHECK VALUE

CKPT	VALUE	CKPT	VALUE
1	00B0	8	0040
2	0020	9	0080
3	0020	A	0070
4	0060	B	0090
5	0030	C	0002
6	0060	D	0003
7	0050	E	0003

DOES CKPT = 0000 ?
Y N
| 018
| DOES CKPT = 0001 ?
| Y N
| 019
| DOES CKPT = 0002 ?
| Y N
| 020
| DOES CKPT = 0003 ?
| Y N

1 1 1 1 1
2 1 1 0 3
G H J K L

021
DOES CKPT = 0004 ?
Y N

  022
  DOES CKPT = 0005 ?
  Y N

    023
    DOES CKPT = 0006 ?
    Y N

      024
      DOES CKPT = 0007 ?
      Y N

        025
        DOES CKPT = 0008 ?
        Y N

1 0 9 9 8 8 4
M N P Q R S

026
DOES CKPT = 0009 ?
Y N

  027
  DOES CKPT = 000A ?
  Y N

    028
    DOES CKPT = 000B ?
    Y N

      029
      DOES CKPT = 000C ?
      Y N

        030
        DOES CKPT = 000D ?
        Y N

7 7 6 6 5 5
T U V W X Y

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031
DOES IO = 07 ?
Y N

    032
    COMMAND REJECT FROM ATTACHMENT CARD
    START INPUT/OUTPUT (WRITE)
    START INPUT/OUTPUT (READ CYCLE STEAL
    STATUS)

    033
    DOES IN = 03 ?
    Y N

        034
        DOES DEV3 = 0000 ?
        Y N

            035
            DCB CHECK VALUE ERROR
            DEV3 = RECEIVED VALUE
            DEV4 = EXPECTED VALUE

        036
        CYCLE STEAL STATUS READ ERROR
        CHECK DCB, FLAGS AND ISB

    037
    DOES DEV4 = 0000 ?
    Y N

        038
        RESIDUAL ADDRESS ERROR
        DEV4 = EXPECTED ADDRESS
        RSAD = RECEIVED ADDRESS

    039
    WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
    CHECK DCB, FLAGS AND ISB

040
DOES IO = 07 ?
Y N

    041
    COMMAND REJECT FROM ATTACHMENT CARD
    START INPUT/OUTPUT (WRITE)
    START INPUT/OUTPUT (READ CYCLE STEAL STATUS)

042
DOES IN = 03 ?
Y N

    043
    DOES DEV3 = 0000 ?
    Y N

        044
        DCB CHECK VALUE ERROR
        DEV3 = RECEIVED VALUE
        DEV4 = EXPECTED VALUE

    045
    CYCLE STEAL STATUS READ ERROR
    CHECK DCB, FLAGS AND ISB

046
DOES DEV4 = 0000 ?
Y N

    047
    RESIDUAL ADDRESS ERROR
    DEV4 = EXPECTED ADDRESS
    RSAD = RECEIVED ADDRESS

048
WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB

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049
DOES IO = 07 ?
Y N

    050
    COMMAND REJECT FROM ATTACHMENT CARD
    START INPUT/OUTPUT (WRITE)
    START INPUT/OUTPUT (READ CYCLE STEAL
    STATUS)

051
DOES IN = 03 ?
Y N

    052
    DOES DEV3 = 0000 ?
    Y N

        053
        DCB CHECK VALUE ERROR
        DEV3 = RECEIVED VALUE
        DEV4 = EXPECTED VALUE

    054
    CYCLE STEAL STATUS READ ERROR
    CHECK DCB, FLAGS AND ISB

055
DOES DEV4 = 0000 ?
Y N

    056
    RESIDUAL ADDRESS ERROR
    DEV4 = EXPECTED ADDRESS
    RSAD = RECEIVED ADDRESS

057
WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB

058
DOES IO = 07 ?
Y N

    059
    COMMAND REJECT FROM ATTACHMENT CARD
    START INPUT/OUTPUT (WRITE)
    START INPUT/OUTPUT (READ CYCLE STEAL STATUS)

060
DOES IN = 03 ?
Y N

    061
    DOES DEV3 = 0000 ?
    Y N

        062
        DCB CHECK VALUE ERROR
        DEV3 = RECEIVED VALUE
        DEV4 = EXPECTED VALUE

    063
    CYCLE STEAL STATUS READ ERROR
    CHECK DCB, FLAGS AND ISB

064
DOES DEV4 = 0000 ?
Y N

    065
    RESIDUAL ADDRESS ERROR
    DEV4 = EXPECTED ADDRESS
    RSAD = RECEIVED ADDRESS

066
WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB

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067
DOES IO = 07 ?
Y N

    068
    COMMAND REJECT FROM ATTACHMENT CARD
    START INPUT/OUTPUT (WRITE)
    START INPUT/OUTPUT (READ   CYCLE   STEAL
    STATUS)
069
DOES IN = 03 ?
Y N

    070
    DOES DEV3 = 0000 ?
    Y N

       071
       DCB CHECK VALUE ERROR
       DEV3 = RECEIVED VALUE
       DEV4 = EXPECTED VALUE
    072
    CYCLE STEAL STATUS READ ERROR
    CHECK DCB, FLAGS AND ISB
073
DOES DEV4 = 0000 ?
Y N

    074
    RESIDUAL ADDRESS ERROR
    DEV4 = EXPECTED ADDRESS
    RSAD = RECEIVED ADDRESS
075
WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB
076
DOES IO = 07 ?
Y N

    077
    COMMAND REJECT FROM ATTACHMENT CARD
    START INPUT/OUTPUT (WRITE)
    START INPUT/OUTPUT (READ CYCLE STEAL STATUS)
078
DOES IN = 03 ?
Y N

    079
    DOES DEV3 = 0000 ?
    Y N

       080
       DCB CHECK VALUE ERROR
       DEV3 = RECEIVED VALUE
       DEV4 = EXPECTED VALUE
    081
    CYCLE STEAL STATUS READ ERROR
    CHECK DCB, FLAGS AND ISB
082
DOES DEV4 = 0000 ?
Y N

    083
    RESIDUAL ADDRESS ERROR
    DEV4 = EXPECTED ADDRESS
    RSAD = RECEIVED ADDRESS
084
WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB

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085
DOES IO = 07 ?
Y N

    086
    COMMAND REJECT FROM ATTACHMENT CARD
    START INPUT/OUTPUT (WRITE)
    START INPUT/OUTPUT (READ   CYCLE   STEAL
    STATUS)
087
DOES IN = 03 ?
Y N

    088
    DOES DEV3 = 0000 ?
    Y N

       089
       DCB CHECK VALUE ERROR
       DEV3 = RECEIVED VALUE
       DEV4 = EXPECTED VALUE
    090
    CYCLE STEAL STATUS READ ERROR
    CHECK DCB, FLAGS AND ISB
091
DOES DEV4 = 0000 ?
Y N

    092
    RESIDUAL ADDRESS ERROR
    DEV4 = EXPECTED ADDRESS
    RSAD = RECEIVED ADDRESS
093
WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB
094
DOES IO = 07 ?
Y N

    095
    COMMAND REJECT FROM ATTACHMENT CARD
    START INPUT/OUTPUT (WRITE)
    START INPUT/OUTPUT (READ CYCLE STEAL STATUS)
096
DOES IN = 03 ?
Y N

    097
    DOES DEV3 = 0000 ?
    Y N

       098
       DCB CHECK VALUE ERROR
       DEV3 = RECEIVED VALUE
       DEV4 = EXPECTED VALUE
    099
    CYCLE STEAL STATUS READ ERROR
    CHECK DCB, FLAGS AND ISB
100
DOES DEV4 = 0000 ?
Y N

    101
    RESIDUAL ADDRESS ERROR
    DEV4 = EXPECTED ADDRESS
    RSAD = RECEIVED ADDRESS
102
WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB

21SEP79   PN 1635457
EC375482   PEC755104
   MAP 44E0-7

21SEP79   PN 1635457
EC375482   PEC755104
   MAP 44E0-8

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103
DOES IO = 07 ?
Y N
|
| 104
| COMMAND REJECT FROM ATTACHMENT CARD
| START INPUT/OUTPUT (WRITE)
| START INPUT/OUTPUT (READ   CYCLE   STEAL
| STATUS)
105
DOES IN = 03 ?
Y N
|
| 106
| DOES DEV3 = 0000 ?
| Y N
| |
| | 107
| | DCB CHECK VALUE ERROR
| | DEV3 = RECEIVED VALUE
| | DEV4 = EXPECTED VALUE
| 108
| CYCLE STEAL STATUS READ ERROR
| CHECK DCB, FLAGS AND ISB
109
DOES DEV4 = 0000 ?
Y N
|
| 110
| RESIDUAL ADDRESS ERROR
| DEV4 = EXPECTED ADDRESS
| RSAD = RECEIVED ADDRESS
111
WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB
112
DOES IO = 07 ?
Y N
|
| 113
| COMMAND REJECT FROM ATTACHMENT CARD
| START INPUT/OUTPUT (WRITE)
| START INPUT/OUTPUT (READ CYCLE STEAL STATUS)
114
DOES IN = 03 ?
Y N
|
| 115
| DOES DEV3 = 0000 ?
| Y N
| |
| | 116
| | DCB CHECK VALUE ERROR
| | DEV3 = RECEIVED VALUE
| | DEV4 = EXPECTED VALUE
| 117
| CYCLE STEAL STATUS READ ERROR
| CHECK DCB, FLAGS AND ISB
118
DOES DEV4 = 0000 ?
Y N
|
| 119
| RESIDUAL ADDRESS ERROR
| DEV4 = EXPECTED ADDRESS
| RSAD = RECEIVED ADDRESS
120
WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB

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121
DOES IO = 07 ?
Y N
|
| 122
| COMMAND REJECT FROM ATTACHMENT CARD
| START INPUT/OUTPUT (WRITE)
| START INPUT/OUTPUT (READ   CYCLE   STEAL
| STATUS)
123
DOES IN = 03 ?
Y N
|
| 124
| DOES DEV3 = 0000 ?
| Y N
| |
| | 125
| | DCB CHECK VALUE ERROR
| | DEV3 = RECEIVED VALUE
| | DEV4 = EXPECTED VALUE
| 126
| CYCLE STEAL STATUS READ ERROR
| CHECK DCB, FLAGS AND ISB
127
DOES DEV4 = 0000 ?
Y N
|
| 128
| RESIDUAL ADDRESS ERROR
| DEV4 = EXPECTED ADDRESS
| RSAD = RECEIVED ADDRESS
129
WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB
130
DOES IO = 07 ?
Y N
|
| 131
| COMMAND REJECT FROM ATTACHMENT CARD
| START INPUT/OUTPUT (WRITE)
| START INPUT/OUTPUT (READ CYCLE STEAL STATUS)
132
DOES IN = 03 ?
Y N
|
| 133
| DOES DEV3 = 0000 ?
| Y N
| |
| | 134
| | DCB CHECK VALUE ERROR
| | DEV3 = RECEIVED VALUE
| | DEV4 = EXPECTED VALUE
| 135
| CYCLE STEAL STATUS READ ERROR
| CHECK DCB, FLAGS AND ISB
136
DOES DEV4 = 0000 ?
Y N
|
| 137
| RESIDUAL ADDRESS ERROR
| DEV4 = EXPECTED ADDRESS
| RSAD = RECEIVED ADDRESS
138
WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB

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139
DOES IO = 07 ?
Y N

    140
    COMMAND REJECT FROM ATTACHMENT CARD
    START INPUT/OUTPUT (WRITE)
    START INPUT/OUTPUT (READ   CYCLE   STEAL
    STATUS)

141
DOES IN = 03 ?
Y N

    142
    DOES DEV3 = 0000 ?
    Y N

        143
        DCB CHECK VALUE ERROR
        DEV3 = RECEIVED VALUE
        DEV4 = EXPECTED VALUE

    144
    CYCLE STEAL STATUS READ ERROR
    CHECK DCB, FLAGS AND ISB

145
DOES DEV4 = 0000 ?
Y N

    146
    RESIDUAL ADDRESS ERROR
    DEV4 = EXPECTED ADDRESS
    RSAD = RECEIVED ADDRESS

147
WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB

148
DOES IO = 07 ?
Y N

149
COMMAND REJECT FROM ATTACHMENT CARD
START INPUT/OUTPUT (WRITE)
START INPUT/OUTPUT (READ CYCLE STEAL STATUS)

150
DOES IN = 03 ?
Y N

    151
    DOES DEV3 = 0000 ?
    Y N

        152
        DCB CHECK VALUE ERROR
        DEV3 = RECEIVED VALUE
        DEV4 = EXPECTED VALUE

153
CYCLE STEAL STATUS READ ERROR
CHECK DCB, FLAGS AND ISB

154
DOES DEV4 = 0000 ?
Y N

    155
    RESIDUAL ADDRESS ERROR
    DEV4 = EXPECTED ADDRESS
    RSAD = RECEIVED ADDRESS

156
WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB

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157
DOES IO = 07 ?
Y N

    158
    COMMAND REJECT FROM ATTACHMENT CARD
    PREPARE - LEVEL = 1
    START INPUT/OUTPUT (CLEAR SCREEN)

159
CLEAR SCREEN ERROR
CHECK DCB, FLAGS AND ISB

160
DOES CKPT = 0000 ?
Y N

    161
    DOES IO = 07 ?
    Y N

        162
        COMMAND REJECT FROM ATTACHMENT CARD
        START INPUT/OUTPUT (WRITE)

    163
    WRITE ERROR WITH SHIFT DOWN
    CHECK DCB, FLAGS AND ISB

164
DOES IO = 07 ?
Y N

    165
    COMMAND REJECT FROM ATTACHMENT CARD
    PREPARE - LEVEL = 1
    START INPUT/OUTPUT (CLEAR SCREEN)

166
CLEAR SCREEN ERROR
CHECK DCB, FLAGS AND ISB

167
DOES CKPT = 0000 ?
Y N

    168
    DOES IO = 07 ?
    Y N

        169
        COMMAND REJECT FROM ATTACHMENT CARD
        START INPUT/OUTPUT (WRITE)

    170
    WRITE ERROR WITH SHIFT UP
    CHECK DCB, FLAGS AND ISB

171
DOES IO = 07 ?
Y N

    172
    COMMAND REJECT FROM ATTACHMENT CARD
    PREPARE - LEVEL = 1
    START INPUT/OUTPUT (CLEAR SCREEN)

173
CLEAR SCREEN ERROR
CHECK DCB, FLAGS AND ISB

174
DOES CKPT = 0000 ?
Y N

    175
    DOES IO = 07 ?
    Y N

        176
        COMMAND REJECT FROM ATTACHMENT CARD
        START INPUT/OUTPUT (CHAINED WRITE/READ)

1
1 3
3 A
Z A

```
|  |
|  |177
|  |DOES IN = 03 ?
|  |Y N
|  | |
|  | |178
|  | |CHAINED WRITE/READ ERROR
|  | |CHECK DCB, FLAGS AND ISB
|  |179
|  |COMPARE OF WRITE/READ DATA FAILED
|  |DEV1 = WRITE DATA
|  |DEV2 = READ DATA
|  180
|  DOES IO = 07 ?
|  Y N
|  | |
|  | |181
|  | |COMMAND REJECT FROM ATTACHMENT CARD
|  | |PREPARE - LEVEL = 1
|  | |START INPUT/OUTPUT (CLEAR SCREEN)
|  |182
|  |CLEAR SCREEN ERROR
|  |CHECK DCB, FLAGS AND ISB
|  183
|  DOES CKPT = 0000 ?
|  Y N
|  | |
|  | |184
|  | |DOES CKPT = 0001 ?
|  | |Y N
|  | | |
|  | | |185
|  | | |DOES CKPT = 0002 ?
|  | | |Y N
|  | | | |
|  | | | |186
|  | | | |DOES IO = 07 ?
|  | | | |Y N
|  | | | | |
|  | | | | |187
|  | | | | |COMMAND REJECT FROM ATTACHMENT CARD
|  | | | | |PREPARE - LEVEL = 1
|  | | | | |START INPUT/OUTPUT (DIAGNOSTIC READ)
|  | | | |188
|  | | | |DOES IN = 03 ?
|  | | | |Y N
|  | | | | |
|  | | | | |189
|  | | | | |DIAGNOSTIC READ ERROR
|  | | | | |CHECK DCB, FLAGS AND ISB
|  | | | |190
|  | | | |CHECKSUM VALUE ERROR
|  | | | |VALUE IN ERROR STORED
|  | | | |IN DEV3 AND DEV4
|  | | |191
|  | | |DOES IO = 07 ?
|  | | |Y N
|  | | | |
|  | | | |192
|  | | | |COMMAND REJECT FROM ATTACHMENT CARD
|  | | | |PREPARE - LEVEL = 2
|  | | | |RESET
|  | | | |READ DEVICE ID
|  | | | |START INPUT/OUTPUT (WRITE)
|  | | |193
|  | | |DOES IN = 03 ?
|  | | |Y N
|  | | | |
|  | | | |194
|  | | | |WRITE ERROR
|  | | | |CHECK DCB, FLAGS AND ISB
|  | | |195
|  | | |WRONG ID RECEIVED ON LEVEL - 2
|  | | |DEV3 = ID RECEIVED
|  | | |DEV4 = ID EXPECTED
```

```
|  |
|  |196
|  |DOES IO = 07 ?
|  |Y N
|  | |
|  | |197
|  | |COMMAND REJECT FROM ATTACHMENT CARD
|  | |PREPARE - LEVEL = 1
|  | |RESET
|  | |READ DEVICE ID
|  | |START INPUT/OUTPUT (WRITE)
|  |198
|  |DOES IN = 03 ?
|  |Y N
|  | |
|  | |199
|  | |WRITE ERROR
|  | |CHECK DCB, FLAGS AND ISB
|  |200
|  |WRONG ID RECEIVED ON LEVEL - 1
|  |DEV3 = ID RECEIVED
|  |DEV4 = ID EXPECTED
|  201
|  DOES IO = 07 ?
|  Y N
|  | |
|  | |202
|  | |COMMAND REJECT FROM ATTACHMENT CARD
|  | |PREPARE - LEVEL = 0
|  | |RESET
|  | |READ DEVICE ID
|  | |START INPUT/OUTPUT (WRITE)
|  203
|  DOES IN = 03 ?
|  Y N
|  | |
|  | |204
|  | |WRITE ERROR
|  | |CHECK DCB, FLAGS AND ISB
|  205
|  WRONG ID RECEIVED ON LEVEL - 0
|  DEV3 = ID RECEIVED
|  DEV4 = ID EXPECTED
```