

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'45'.

DOES RTN = 0001 ?

Y N

002
DOES RTN = 0002 ?

Y N

003
DOES RTN = 0003 ?

Y N

004
DOES RTN = 0004 ?

Y N

005

ROUTINE	FIVE	DCB	CHECK	VALUE
CKPT	VALUE		CKPT	VALUE
1	0020		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

006
DOES CKPT = 0001 ?

Y N

007
DOES CKPT = 0002 ?

Y N

008
DOES CKPT = 0003 ?

Y N

009
DOES CKPT = 0004 ?

Y N

010
DOES CKPT = 0005 ?

Y N

011
DOES CKPT = 0006 ?
Y N

012
DOES CKPT = 0007 ?
Y N

013
DOES CKPT = 0008 ?
Y N

014
DOES CKPT = 0009 ?
Y N

015
DOES CKPT = 000A ?
Y N

8 7 7 6 6 4
N P Q R S T

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016
DOES CKPT = 000B ?
Y N

017
DOES CKPT = 000C ?
Y N

018
DOES CKPT = 000D ?
Y N

019
DOES IO = 07 ?
Y N

020
COMMAND REJECT FROM ATTACHMENT CARD
START INPUT/OUTPUT (WRITE)
START INPUT/OUTPUT (READ CYCLE STEAL
STATUS)

021
DOES IN = 03 ?
Y N

022
DOES DEV3 = 0000 ?
Y N

023
DCB CHECK VALUE ERROR
DEV3 = RECEIVED VALUE
DEV4 = EXPECTED VALUE

024
CYCLE STEAL STATUS READ ERROR
CHECK DCB, FLAGS AND ISB

025
DOES DEV4 = 0000 ?
Y N

026
RESIDUAL ADDRESS ERROR
DEV4 = EXPECTED ADDRESS
RSAD = RECEIVED ADDRESS

027
WRITE ERROR (ERROR EXPECTED - GOOD
RECEIVED)
CHECK DCB, FLAGS AND ISB

028
DOES IO = 07 ?
Y N

029
COMMAND REJECT FROM ATTACHMENT CARD
START INPUT/OUTPUT (WRITE)
START INPUT/OUTPUT (READ CYCLE STEAL
STATUS)

030
DOES IN = 03 ?
Y N

031
DOES DEV3 = 0000 ?
Y N

032
DCB CHECK VALUE ERROR
DEV3 = RECEIVED VALUE
DEV4 = EXPECTED VALUE

033
CYCLE STEAL STATUS READ ERROR
CHECK DCB, FLAGS AND ISB

034
DOES DEV4 = 0000 ?
Y N

5 5 5 5
U V W X

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035
RESIDUAL ADDRESS ERROR
DEV4 = EXPECTED ADDRESS
RSAD = RECEIVED ADDRESS

036
WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB

037
DOES IO = 07 ?
Y N

038
COMMAND REJECT FROM ATTACHMENT CARD
START INPUT/OUTPUT (WRITE)
START INPUT/OUTPUT (READ CYCLE STEAL STATUS)

039
DOES IN = 03 ?
Y N

040
DOES DEV3 = 0000 ?
Y N

041
DCB CHECK VALUE ERROR
DEV3 = RECEIVED VALUE
DEV4 = EXPECTED VALUE

042
CYCLE STEAL STATUS READ ERROR
CHECK DCB, FLAGS AND ISB

043
DOES DEV4 = 0000 ?
Y N

044
RESIDUAL ADDRESS ERROR
DEV4 = EXPECTED ADDRESS
RSAD = RECEIVED ADDRESS

045
WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB

046
DOES IO = 07 ?
Y N

047
COMMAND REJECT FROM ATTACHMENT CARD
START INPUT/OUTPUT (WRITE)
START INPUT/OUTPUT (READ CYCLE STEAL STATUS)

048
DOES IN = 03 ?
Y N

049
DOES DEV3 = 0000 ?
Y N

050
DCB CHECK VALUE ERROR
DEV3 = RECEIVED VALUE
DEV4 = EXPECTED VALUE

051
CYCLE STEAL STATUS READ ERROR
CHECK DCB, FLAGS AND ISB

052
DOES DEV4 = 0000 ?
Y N

053
RESIDUAL ADDRESS ERROR
DEV4 = EXPECTED ADDRESS
RSAD = RECEIVED ADDRESS

054
WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB

055
DOES IO = 07 ?
Y N

056
COMMAND REJECT FROM ATTACHMENT CARD
START INPUT/OUTPUT (WRITE)
START INPUT/OUTPUT (READ CYCLE STEAL STATUS)

057
DOES IN = 03 ?
Y N

058
DOES DEV3 = 0000 ?
Y N

059
DCB CHECK VALUE ERROR
DEV3 = RECEIVED VALUE
DEV4 = EXPECTED VALUE

060
CYCLE STEAL STATUS READ ERROR
CHECK DCB, FLAGS AND ISB

061
DOES DEV4 = 0000 ?
Y N

062
RESIDUAL ADDRESS ERROR
DEV4 = EXPECTED ADDRESS
RSAD = RECEIVED ADDRESS

063
WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB

064
DOES IO = 07 ?
Y N

065
COMMAND REJECT FROM ATTACHMENT CARD
START INPUT/OUTPUT (WRITE)
START INPUT/OUTPUT (READ CYCLE STEAL STATUS)

066
DOES IN = 03 ?
Y N

067
DOES DEV3 = 0000 ?
Y N

068
DCB CHECK VALUE ERROR
DEV3 = RECEIVED VALUE
DEV4 = EXPECTED VALUE

069
CYCLE STEAL STATUS READ ERROR
CHECK DCB, FLAGS AND ISB

070
DOES DEV4 = 0000 ?
Y N

071
RESIDUAL ADDRESS ERROR
DEV4 = EXPECTED ADDRESS
RSAD = RECEIVED ADDRESS

072
WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB

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073
DOES IO = 07 ?
Y N

074
COMMAND REJECT FROM ATTACHMENT CARD
START INPUT/OUTPUT (WRITE)
START INPUT/OUTPUT (READ CYCLE STEAL STATUS)

075
DOES IN = 03 ?
Y N

076
DOES DEV3 = 0000 ?
Y N

077
DCB CHECK VALUE ERROR
DEV3 = RECEIVED VALUE
DEV4 = EXPECTED VALUE

078
CYCLE STEAL STATUS READ ERROR
CHECK DCB, FLAGS AND ISB

079
DOES DEV4 = 0000 ?
Y N

080
RESIDUAL ADDRESS ERROR
DEV4 = EXPECTED ADDRESS
RSAD = RECEIVED ADDRESS

081
WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB

082
DOES IO = 07 ?
Y N

083
COMMAND REJECT FROM ATTACHMENT CARD
START INPUT/OUTPUT (WRITE)
START INPUT/OUTPUT (READ CYCLE STEAL STATUS)

084
DOES IN = 03 ?
Y N

085
DOES DEV3 = 0000 ?
Y N

086
DCB CHECK VALUE ERROR
DEV3 = RECEIVED VALUE
DEV4 = EXPECTED VALUE

087
CYCLE STEAL STATUS READ ERROR
CHECK DCB, FLAGS AND ISB

088
DOES DEV4 = 0000 ?
Y N

089
RESIDUAL ADDRESS ERROR
DEV4 = EXPECTED ADDRESS
RSAD = RECEIVED ADDRESS

090
WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB

091
DOES IO = 07 ?
Y N

092
COMMAND REJECT FROM ATTACHMENT CARD
START INPUT/OUTPUT (WRITE)
START INPUT/OUTPUT (READ CYCLE STEAL STATUS)

093
DOES IN = 03 ?
Y N

094
DOES DEV3 = 0000 ?
Y N

095
DCB CHECK VALUE ERROR
DEV3 = RECEIVED VALUE
DEV4 = EXPECTED VALUE

096
CYCLE STEAL STATUS READ ERROR
CHECK DCB, FLAGS AND ISB

097
DOES DEV4 = 0000 ?
Y N

098
RESIDUAL ADDRESS ERROR
DEV4 = EXPECTED ADDRESS
RSAD = RECEIVED ADDRESS

099
WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB

100
DOES IO = 07 ?
Y N

101
COMMAND REJECT FROM ATTACHMENT CARD
START INPUT/OUTPUT (WRITE)
START INPUT/OUTPUT (READ CYCLE STEAL STATUS)

102
DOES IN = 03 ?
Y N

103
DOES DEV3 = 0000 ?
Y N

104
DCB CHECK VALUE ERROR
DEV3 = RECEIVED VALUE
DEV4 = EXPECTED VALUE

105
CYCLE STEAL STATUS READ ERROR
CHECK DCB, FLAGS AND ISB

106
DOES DEV4 = 0000 ?
Y N

107
RESIDUAL ADDRESS ERROR
DEV4 = EXPECTED ADDRESS
RSAD = RECEIVED ADDRESS

108
WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB

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109
DOES IO = 07 ?
Y N

110
COMMAND REJECT FROM ATTACHMENT CARD
START INPUT/OUTPUT (WRITE)
START INPUT/OUTPUT (READ CYCLE STEAL
STATUS)

111
DOES IN = 03 ?
Y N

112
DOES DEV3 = 0000 ?
Y N

113
DCB CHECK VALUE ERROR
DEV3 = RECEIVED VALUE
DEV4 = EXPECTED VALUE

114
CYCLE STEAL STATUS READ ERROR
CHECK DCB, FLAGS AND ISB

115
DOES DEV4 = 0000 ?
Y N

116
RESIDUAL ADDRESS ERROR
DEV4 = EXPECTED ADDRESS
RSAD = RECEIVED ADDRESS

117
WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB

118
DOES IO = 07 ?
Y N

119
COMMAND REJECT FROM ATTACHMENT CARD
START INPUT/OUTPUT (WRITE)
START INPUT/OUTPUT (READ CYCLE STEAL STATUS)

120
DOES IN = 03 ?
Y N

121
DOES DEV3 = 0000 ?
Y N

122
DCB CHECK VALUE ERROR
DEV3 = RECEIVED VALUE
DEV4 = EXPECTED VALUE

123
CYCLE STEAL STATUS READ ERROR
CHECK DCB, FLAGS AND ISB

124
DOES DEV4 = 0000 ?
Y N

125
RESIDUAL ADDRESS ERROR
DEV4 = EXPECTED ADDRESS
RSAD = RECEIVED ADDRESS

126
WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB

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127
DOES IO = 07 ?
Y N

128
COMMAND REJECT FROM ATTACHMENT CARD
START INPUT/OUTPUT (WRITE)
START INPUT/OUTPUT (READ CYCLE STEAL
STATUS)

129
DOES IN = 03 ?
Y N

130
DOES DEV3 = 0000 ?
Y N

131
DCB CHECK VALUE ERROR
DEV3 = RECEIVED VALUE
DEV4 = EXPECTED VALUE

132
CYCLE STEAL STATUS READ ERROR
CHECK DCB, FLAGS AND ISB

133
DOES DEV4 = 0000 ?
Y N

134
RESIDUAL ADDRESS ERROR
DEV4 = EXPECTED ADDRESS
RSAD = RECEIVED ADDRESS

135
WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB

136
DOES IO = 07 ?
Y N

137
COMMAND REJECT FROM ATTACHMENT CARD
START INPUT/OUTPUT (WRITE)
START INPUT/OUTPUT (READ CYCLE STEAL STATUS)

138
DOES IN = 03 ?
Y N

139
DOES DEV3 = 0000 ?
Y N

140
DCB CHECK VALUE ERROR
DEV3 = RECEIVED VALUE
DEV4 = EXPECTED VALUE

141
CYCLE STEAL STATUS READ ERROR
CHECK DCB, FLAGS AND ISB

142
DOES DEV4 = 0000 ?
Y N

143
RESIDUAL ADDRESS ERROR
DEV4 = EXPECTED ADDRESS
RSAD = RECEIVED ADDRESS

144
WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB

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145
DOES IO = 07 ?
Y N

146
COMMAND REJECT FROM ATTACHMENT CARD
PREPARE - LEVEL = 1
START INPUT/OUTPUT (CLEAR SCREEN)

147
CLEAR SCREEN ERROR
CHECK DCB, FLAGS AND ISB

148
DOES CKPT = 0000 ?
Y N

149
DOES CKPT = 0001 ?
Y N

150
DOES IO = 07 ?
Y N

151
COMMAND REJECT FROM ATTACHMENT CARD
START INPUT/OUTPUT (READ)

152
DOES IN = 03 ?
Y N

153
READ ERROR
CHECK DCB, FLAGS AND ISB

154
DATA COMPARE ERROR
DEV1 = WRITE DATA
DEV2 = READ DATA

155
DOES IO = 07 ?
Y N

156
COMMAND REJECT FROM ATTACHMENT CARD
START INPUT/OUTPUT (WRITE)

157
WRITE ERROR WITH SHIFT DOWN
CHECK DCB, FLAGS AND ISB

158
DOES IO = 07 ?
Y N

159
COMMAND REJECT FROM ATTACHMENT CARD
PREPARE - LEVEL = 1
START INPUT/OUTPUT (CLEAR SCREEN)

160
CLEAR SCREEN ERROR
CHECK DCB, FLAGS AND ISB

161
DOES CKPT = 0000 ?
Y N

162
DOES CKPT = 0001 ?
Y N

163
DOES IO = 07 ?
Y N

164
COMMAND REJECT FROM ATTACHMENT CARD
START INPUT/OUTPUT (READ)

165
DOES IN = 03 ?
Y N

166
READ ERROR
CHECK DCB, FLAGS AND ISB

167
DATA COMPARE ERROR
DEV1 = WRITE DATA
DEV2 = READ DATA

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)

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

1 1
2 2
A A
B B

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1 1 1
3 3 3
A A A
C D E

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MAP 45E0-12

A A A
C D E
1 1 1
2 2 2

185
DOES IO = 07 ?
Y N

186
COMMAND REJECT FROM ATTACHMENT CARD
PREPARE - LEVEL = 2
RESET
READ DEVICE ID
START INPUT/OUTPUT (WRITE)

187
DOES IN = 03 ?
Y N

188
WRITE ERROR
CHECK DCB, FLAGS AND ISB

189
WRONG ID RECEIVED ON LEVEL - 2
DEV3 = ID RECEIVED
DEV4 = ID EXPECTED

190
DOES IO = 07 ?
Y N

191
COMMAND REJECT FROM ATTACHMENT CARD
PREPARE - LEVEL = 1
RESET
READ DEVICE ID
START INPUT/OUTPUT (WRITE)

192
DOES IN = 03 ?
Y N

193
WRITE ERROR
CHECK DCB, FLAGS AND ISB

194
WRONG ID RECEIVED ON LEVEL - 1
DEV3 = ID RECEIVED
DEV4 = ID EXPECTED

195
DOES IO = 07 ?
Y N

196
COMMAND REJECT FROM ATTACHMENT CARD
PREPARE - LEVEL = 0
RESET
READ DEVICE ID
START INPUT/OUTPUT (WRITE)

197
DOES IN = 03 ?
Y N

198
WRITE ERROR
CHECK DCB, FLAGS AND ISB

199
WRONG ID RECEIVED ON LEVEL - 0
DEV3 = ID RECEIVED
DEV4 = ID EXPECTED