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'78'.

DOES RTN = 0001 ?
Y N

| 002
| DOES RTN = 0002 ?
| Y N

| 003
| DOES RTN = 0003 ?
| Y N

| 004
| DOES CKPT = 0000 ?
| Y N

| 005
| DOES CKPT = 0001 ?
| Y N

006
DOES CKPT = 0002 ?
Y N

| 007
| DOES CKPT = 0003 ?
| Y N

| 008
| DOES CKPT = 0004 ?
| Y N

| 009
| DOES CKPT = 0005 ?
| Y N

| 010
| DOES IO = 07 ?
| Y N

| 011
| COMMAND REJECT FROM ATTACHMENT CARD
| START INPUT/OUTPUT (ILLEGAL DCB)
| START INPUT/OUTPUT   (START CYCLE
| STEAL STATUS)

| 012
| DOES IN = 03 ?
| Y N

| 013
| CYCLE STEAL STATUS READ ERROR
| CHECK DCB, FLAGS AND ISB

| 014
| DOES DEV4 = 0000 ?
| Y N

| 015
| CYCLE STEAL STATUS RESIDUAL ADDRESS
| ERROR
| DEV4 = EXPECTED ADDRESS
| RSAD = RECEIVED ADDRESS

| 016
| COMMAND ERROR (ERROR EXPECTED - GOOD
| RECEIVED)
| CHECK DCB, FLAGS AND ISB

| 017
| DOES IO = 07 ?
| Y N

| 018
| COMMAND REJECT FROM ATTACHMENT CARD
| START INPUT/OUTPUT (ILLEGAL DCB)
| START INPUT/OUTPUT (START CYCLE STEAL
| STATUS)

| 019
| DOES IN = 03 ?
| Y N

| 020
| CYCLE STEAL STATUS READ ERROR
| CHECK DCB, FLAGS AND ISB

| 021
| DOES DEV4 = 0000 ?
| Y N

| 022
| CYCLE STEAL STATUS RESIDUAL ADDRESS
| ERROR
| DEV4 = EXPECTED ADDRESS
| RSAD = RECEIVED ADDRESS

| 023
| COMMAND ERROR (ERROR EXPECTED - GOOD
| RECEIVED)
| CHECK DCB, FLAGS AND ISB

G H J
2 2 2

4962 DISK SYSTEM TEST ERROR MAP

MAP 78E0-3

C D E K
1 1 1 3

4962 DISK SYSTEM TEST ERROR MAP

MAP 78E0-4

```
|  |           PAGE  3 OF  7
|  |
|  | 024
|  | DOES IO = 07 ?
|  | Y N
|  | |
|  | | 025
|  | | COMMAND REJECT FROM ATTACHMENT CARD
|  | | START INPUT/OUTPUT (ILLEGAL DCB)
|  | | START INPUT/OUTPUT (START CYCLE STEAL
|  | | STATUS)
|  | 026
|  | DOES IN = 03 ?
|  | Y N
|  | |
|  | | 027
|  | | CYCLE STEAL STATUS READ ERROR
|  | | CHECK DCB, FLAGS AND ISB
|  | 028
|  | DOES DEV4 = 0000 ?
|  | Y N
|  | |
|  | | 029
|  | | CYCLE  STEAL  STATUS  RESIDUAL   ADDRESS
|  | | ERROR
|  | | DEV4 = EXPECTED ADDRESS
|  | | RSAD = RECEIVED ADDRESS
|  | 030
|  | COMMAND  ERROR  (ERROR  EXPECTED  -  GOOD
|  | RECEIVED)
|  | CHECK DCB, FLAGS AND ISB
|  031
|  DOES IO = 07 ?
|  Y N
|  |
|  | 032
|  | COMMAND REJECT FROM ATTACHMENT CARD
|  | START INPUT/OUTPUT (ILLEGAL DCB)
|  | START INPUT/OUTPUT (START CYCLE STEAL
|  | STATUS)
|  033
|  DOES IN = 03 ?
|  Y N
|  |
|  | 034
|  | CYCLE STEAL STATUS READ ERROR
|  | CHECK DCB, FLAGS AND ISB
|  035
|  DOES DEV4 = 0000 ?
|  Y N
|  |
|  | 036
|  | CYCLE STEAL STATUS RESIDUAL ADDRESS ERROR
|  | DEV4 = EXPECTED ADDRESS
|  | RSAD = RECEIVED ADDRESS
|  037
|  COMMAND ERROR (ERROR  EXPECTED  -  GOOD
|  RECEIVED)
|  CHECK DCB, FLAGS AND ISB
038
DOES IO = 07 ?
Y N
|
| 039
| COMMAND REJECT FROM ATTACHMENT CARD
| START INPUT/OUTPUT (ILLEGAL DCB)
| START INPUT/OUTPUT (START CYCLE STEAL
| STATUS)
040
DOES IN = 03 ?
Y N
|
| 041
| CYCLE STEAL STATUS READ ERROR
| CHECK DCB, FLAGS AND ISB
```

4
K

```
|  |  |           PAGE   4 OF  7
|  |  |
|  |  | 042
|  |  | DOES DEV4 = 0000 ?
|  |  | Y N
|  |  | |
|  |  | | 043
|  |  | | CYCLE STEAL STATUS RESIDUAL ADDRESS
|  |  | | ERROR
|  |  | | DEV4 = EXPECTED ADDRESS
|  |  | | RSAD = RECEIVED ADDRESS
|  |  | 044
|  |  | COMMAND ERROR (ERROR EXPECTED  -  GOOD
|  |  | RECEIVED)
|  |  | CHECK DCB, FLAGS AND ISB
|  |  045
|  |  DOES IO = 07 ?
|  |  Y N
|  |  |
|  |  | 046
|  |  | COMMAND REJECT FROM ATTACHMENT CARD
|  |  | START INPUT/OUTPUT (ILLEGAL DCB)
|  |  | START INPUT/OUTPUT (START CYCLE STEAL
|  |  | STATUS)
|  |  047
|  |  DOES IN = 03 ?
|  |  Y N
|  |  |
|  |  | 048
|  |  | CYCLE STEAL STATUS READ ERROR
|  |  | CHECK DCB, FLAGS AND ISB
|  |  049
|  |  DOES DEV4 = 0000 ?
|  |  Y N
|  |  |
|  |  | 050
|  |  | CYCLE   STEAL  STATUS  RESIDUAL  ADDRESS
|  |  | ERROR
|  |  | DEV4 = EXPECTED ADDRESS
|  |  | RSAD = RECEIVED ADDRESS
|  |  051
|  |  COMMAND  ERROR  (ERROR  EXPECTED  -  GOOD
|  |  RECEIVED)
|  |  CHECK DCB, FLAGS AND ISB
|  052
|  COMMAND REJECT FROM ATTACHMENT CARD
|  PREPARE - LEVEL = 1
053
DOES CKPT = 0000 ?
Y N
|
| 054
| DOES CKPT = 0001 ?
| Y N
| |
| | 055
| | DOES CKPT = 0002 ?
| | Y N
| | |
| | | 056
| | | DOES IO = 07 ?
| | | Y N
| | | |
| | | | 057
| | | | COMMAND REJECT FROM ATTACHMENT CARD
| | | | START  INPUT/OUTPUT  (WRITE  SECTOR
| | | | CHAINED TO READ SECTOR)
| | | 058
| | | DOES IN = 03 ?
| | | Y N
| | | |
| | | | 059
| | | | WRITE SECTOR CHAINED  TO  READ  SECTOR
| | | | FAILED
| | | | CHECK DCB, FLAGS AND ISB
```

5 5 5 5
L M N P

PAGE   5 OF   7

060
READ ERROR
DEV4 = XXYY WHERE:
XX = READ DATA
YY = WRITE DATA
CHECK DCB, FLAGS AND ISB

061
DOES IO = 07 ?
Y N

062
COMMAND REJECT FROM ATTACHMENT CARD
START INPUT/OUTPUT (SEEK C.E. TRACK)

063
DOES IN = 03 ?
Y N

064
SEEK FAILED
CHECK DCB, FLAGS AND ISB

065
RECALIBRATE FAILED OR C.E. TRACK IS BAD
DEV1 SHOULD BE EQUAL TO XX00
DEV2 SHOULD BE EQUAL TO 012E

066
DOES IO = 07 ?
Y N

067
COMMAND REJECT FROM ATTACHMENT CARD
START INPUT/OUTPUT (READ SECTOR ID)

068
READ SECTOR ID ERROR
CHECK DCB, FLAGS AND ISB

069
DOES IO = 07 ?
Y N

070
COMMAND REJECT FROM ATTACHMENT CARD
PREPARE - LEVEL = 1
START INPUT/OUTPUT (RECALIBRATE)

071
RECALIBRATE FAILED
CHECK DCB, FLAGS AND ISB

072
DOES CKPT = 0000 ?
Y N

073
DOES CKPT = 0001 ?
Y N

074
DOES CKPT = 0002 ?
Y N

075
DOES CKPT = 0003 ?
Y N

076
DOES CKPT = 0004 ?
Y N

6 6 6 6 6 6
Q R S T U V

PAGE   6 OF   7

077
DOES CKPT = 0005 ?
Y N

078
GOOD ALTERNATE SECTOR FOUND NOT ON
CYLINDER ONE
DEV4 = CYLINDER NUMBER (OTHER THEN
ONE)

079
ALL SECTORS MARKED BAD ON TRACK ZERO
DEV4 = CYLINDER NUMBER

080
SEEK ERROR (WRONG CYLINDER NUMBER)
DEV4 = EXPECTED NUMBER
DEV2 = RECEIVED NUMBER

081
DOES IO = 07 ?
Y N

082
COMMAND REJECT FROM ATTACHMENT CARD
START INPUT/OUTPUT (SEEK CHAINED TO
READ SECTOR ID)
START INPUT/OUTPUT (READ SECTOR ID)

083
SEEK CHAINED TO READ SECTOR ID FAILED OR
READ SECTOR ID FAILED
CHECK DCB, FLAGS AND ISB

084
DOES IO = 07 ?
Y N

085
COMMAND REJECT FROM ATTACHMENT CARD
START INPUT/OUTPUT (READ SECTOR ID)

086
DOES IN = 03 ?
Y N

087
READ SECTOR ID FAILED
CHECK DCB, FLAGS AND ISB

088
SECTOR FLAG BYTE OR CYLINDER NOT EQUAL TO
ZERO
DEV1 NOT EQUAL TO XX00 AND/OR
DEV2 NOT EQUAL TO 0000
CHECK DCB, FLAGS AND ISB

089
DOES IO = 07 ?
Y N

090
COMMAND REJECT FROM ATTACHMENT CARD
START INPUT/OUTPUT (SEEK)

091
SEEK FAILED - (CYLINDER ZERO)
CHECK DCB, FLAGS AND ISB

092
DOES IO = 07 ?
Y N

093
COMMAND REJECT FROM ATTACHMENT CARD
PREPARE - LEVEL = 1
START INPUT/OUTPUT (RECALIBRATE)

094
RECALIBRATE FAILED
CHECK DCB, FLAGS AND ISB

```
|
095
DOES CKPT = 0000 ?
Y N
| |
| | 096
| | DOES CKPT = 0001 ?
| | Y N
| | | |
| | | | 097
| | | | DOES IO = 07 ?
| | | | Y N
| | | | | |
| | | | | | 098
| | | | | | COMMAND REJECT FROM ATTACHMENT CARD
| | | | | | PREPARE - LEVEL = 2
| | | | | | START INPUT/OUTPUT (SEEK)
| | | | |
| | | | | 099
| | | | | SEEK FAILED
| | | | | CHECK DCB, FLAGS AND ISB
| | |
| | | 100
| | | DOES IO = 07 ?
| | | Y N
| | | | |
| | | | | 101
| | | | | COMMAND REJECT FROM ATTACHMENT CARD
| | | | | PREPARE - LEVEL = 1
| | | | | START INPUT/OUTPUT (SEEK)
| | | |
| | | | 102
| | | | SEEK FAILED
| | | | CHECK DCB, FLAGS AND ISB
|
| 103
| DOES IO = 07 ?
| Y N
| | |
| | | 104
| | | COMMAND REJECT FROM ATTACHMENT CARD
| | | RESET
| | | READ DEVICE ID
| | | PREPARE - LEVEL = 0
| | | START INPUT/OUTPUT (SEEK)
| |
| | 105
| | DOES IN = FF ?
| | Y N
| | | |
| | | | 106
| | | | SEEK FAILED
| | | | CHECK DCB, FLAGS AND ISB
| |
| | 107
| | WRONG ID RECEIVED ON LEVEL - 0
| | DEV4 = ID EXPECTED
| | CS-8 = ID RECEIVED
```