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 'E0'.

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 CKPT = 0000 ?
        Y N

7 5 5 5 4 2
A B C D E F

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F
1

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

4 4 4 3 3 3
G H J K L M

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  011
  DOES CKPT = 0006 ?
  Y N
    |
    | 012
    | DOES IO = 07 ?
    | Y N
    |   |
    |   | 013
    |   | COMMAND REJECT FROM ATTACHMENT CARD
    |   | 5 BIT TEST
    |   |
    |   014
    |   DOES IN = 03 ?
    |   Y N
    |     |
    |     | 015
    |     | 5 BIT TEST FAILED
    |     | CHECK DCB, FLAGS AND ISB
    |     |
    |     016
    |     5 BIT TEST RESULTS ERROR
    |     DEV3 = EXPECTED RESULTS
    |     DEV4 = RECEIVED RESULTS
    |     CHECK DCB, FLAGS AND ISB
    |
    017
    DOES IO = 07 ?
    Y N
      |
      | 018
      | COMMAND REJECT FROM ATTACHMENT CARD
      | 6 BIT TEST
      |
      019
      DOES IN = 03 ?
      Y N
        |
        | 020
        | 6 BIT TEST FAILED
        | CHECK DCB, FLAGS AND ISB
        |
        021
        6 BIT TEST RESULTS ERROR
        DEV3 = EXPECTED RESULTS
        DEV4 = RECEIVED RESULTS
        CHECK DCB, FLAGS AND ISB
  022
  DOES IO = 07 ?
  Y N
    |
    | 023
    | COMMAND REJECT FROM ATTACHMENT CARD
    | 7 BIT TEST
    |
    024
    DOES IN = 03 ?
    Y N
      |
      | 025
      | 7 BIT TEST FAILED
      | CHECK DCB, FLAGS AND ISB
      |
      026
      7 BIT TEST RESULTS ERROR
      DEV3 = EXPECTED RESULTS
      DEV4 = RECEIVED RESULTS
      CHECK DCB, FLAGS AND ISB
  027
  DOES IO = 07 ?
  Y N
    |
    | 028
    | COMMAND REJECT FROM ATTACHMENT CARD
    | 8 BIT TEST
    |
    029
    DOES IN = 03 ?
    Y N
    | |
    | |
    | |
    4 4
    N P
```

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          030
          8 BIT TEST FAILED
          CHECK DCB, FLAGS AND ISB
          031
          8 BIT TEST RESULTS ERROR
          DEV3 = EXPECTED RESULTS
          DEV4 = RECEIVED RESULTS
          CHECK DCB, FLAGS AND ISB
        032
        DOES IO = 07 ?
        Y N
          |
          | 033
          | COMMAND REJECT FROM ATTACHMENT CARD
          | CYCLIC REDUNDANCY CHECK BIT TEST
          |
          034
          DOES IN = 03 ?
          Y N
            |
            | 035
            | CYCLIC  REDUNDANCY  CHECK   BIT   TEST
            | FAILED
            | CHECK DCB, FLAGS AND ISB
            |
            036
            CYCLIC REDUNDANCY CHECK BIT TEST RESULTS
            ERROR
            DEV3 = EXPECTED RESULTS
            DEV4 = RECEIVED RESULTS
            CHECK DCB, FLAGS AND ISB
      037
      DOES IO = 07 ?
      Y N
        |
        | 038
        | COMMAND REJECT FROM ATTACHMENT CARD
        | SET CYCLIC REDUNDANCY CHECK BIT TEST
        |
        039
        DOES IN = 03 ?
        Y N
          |
          | 040
          | SET  CYCLIC  REDUNDANCY  CHECK  BIT  TEST
          | FAILED
          | CHECK DCB, FLAGS AND ISB
          |
          041
          SET   CYCLIC  REDUNDANCY  CHECK  BIT  TEST
          RESULTS ERROR
          DEV3 = EXPECTED RESULTS
          DEV4 = RECEIVED RESULTS
          CHECK DCB, FLAGS AND ISB
    042
    DOES IO = 07 ?
    Y N
      |
      | 043
      | COMMAND REJECT FROM ATTACHMENT CARD
      | WRITE CONTROL STORE (MLOAD)
      |
      044
      WRITE CONTROL STORE (MLOAD) ERROR
      CHECK DCB, FLAGS AND ISB
  045
  COMMAND REJECT FROM ATTACHMENT CARD
  PREPARE - LEVEL = 1
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B C D
1 1 1

PROGRAMMABLE COMMUNICATION
SYSTEM TEST ERROR MAP
PAGE   5 OF   8

MAP E0E0-5

046
DOES CKPT = 0000 ?
Y N

047
DOES CKPT = 0001 ?
Y N

048
DOES CKPT = 0002 ?
Y N

049
DATA COMPARE ERROR
DEV4 = XXYY WHERE:
XX = EXPECTED DATA
YY = RECEIVED DATA
CHECK DCB, FLAGS AND ISB

050
DOES IO = 07 ?
Y N

051
COMMAND REJECT FROM ATTACHMENT CARD
READ CONTROL STORE

052
READ CONTROL STORE ERROR
CHECK DCB, FLAGS AND ISB

053
DOES IO = 07 ?
Y N

054
COMMAND REJECT FROM ATTACHMENT CARD
WRITE CONTROL STORE (MLOAD)

055
WRITE CONTROL STORE (MLOAD) ERROR
CHECK DCB, FLAGS AND ISB

056
COMMAND REJECT FROM ATTACHMENT CARD
PREPARE - LEVEL = 1

057
DOES CKPT = 0000 ?
Y N

058
DOES IO = 07 ?
Y N

059
COMMAND REJECT FROM ATTACHMENT CARD
LOAD SCAN TABLE.

060
LOAD SCAN TABLE ERROR
CHECK DCB, FLAGS AND ISB

061
COMMAND REJECT FROM ATTACHMENT CARD
PREPARE - LEVEL = 1

062
DOES CKPT = 0000 ?
Y N

063
DOES CKPT = 0001 ?
Y N

064
DOES CKPT = 0002 ?
Y N

065
DOES CKPT = 0003 ?
Y N

R S T U
5 5 5 5

PROGRAMMABLE COMMUNICATION
SYSTEM TEST ERROR MAP
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MAP E0E0-6

066
DOES IO = 07 ?
Y N

067
COMMAND REJECT FROM ATTACHMENT CARD
READ DIAGNOSTIC SENSE TEST

068
DOES IN = 03 ?
Y N

069
READ DIAGNOSTIC SENSE TEST ERROR
CHECK DCB, FLAGS AND ISB

070
READ DIAGNOSTIC SENSE TEST
RESULTS ERROR
DEV1 = EXPECTED RESULTS
DEV2 = RECEIVED RESULTS
DEV3 AND DEV4 SHOULD BE ZERO
CHECK DCB, FLAGS AND ISB

071
DOES IO = 07 ?
Y N

072
COMMAND REJECT FROM ATTACHMENT CARD
SCANNER TEST

073
DOES IN = 03 ?
Y N

074
SCANNER TEST
CHECK DCB, FLAGS AND ISB

075
SCANNER TEST RESULTS ERROR
DEV1 = EXPECTED RESULTS
DEV2 = RECEIVED RESULTS
DEV3 AND DEV4 SHOULD BE ZERO
CHECK DCB, FLAGS AND ISB

076
DOES IO = 07 ?
Y N

077
COMMAND REJECT FROM ATTACHMENT CARD
CONTROLLER TEST

078
DOES IN = 03 ?
Y N

079
CONTROLLER TEST ERROR
CHECK DCB, FLAGS AND ISB

080
CONTROLLER TEST RESULTS ERROR
DEV1 = EXPECTED RESULTS
DEV2 = RECEIVED RESULTS
DEV3 AND DEV4 SHOULD BE ZERO
CHECK DCB, FLAGS AND ISB

081
DOES IO = 07 ?
Y N

082
COMMAND REJECT FROM ATTACHMENT CARD
CHANNEL TEST

083
DOES IN = 03 ?
Y N

A Q V W
1 5 6 6

PROGRAMMABLE COMMUNICATION
SYSTEM TEST ERROR MAP
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MAP E0E0-7

084
CHANNEL TEST ERROR
CHECK DCB, FLAGS AND ISB

085
CHANNEL TEST RESULTS ERROR
DEV1 = EXPECTED RESULTS
DEV2 = RECEIVED RESULTS
DEV3 AND DEV4 SHOULD BE ZERO
CHECK DCB, FLAGS AND ISB

086
COMMAND REJECT FROM ATTACHMENT CARD
PREPARE - LEVEL = 1

087
DOES CKPT = 0000 ?
Y N

088
DOES CKPT = 0001 ?
Y N

089
DOES CKPT = 0002 ?
Y N

090
DOES IO = 07 ?
Y N

091
COMMAND REJECT FROM ATTACHMENT CARD
PREPARE - LEVEL = 1
READ POWER ON RESET TEST RESULTS

092
DOES IN = 03 ?
Y N

093
READ   POWER  ON  RESET  TEST  RESULTS
FAILED
CHECK DCB, FLAGS AND ISB

094
CHECKSUM ERROR
DEV3 AND DEV4 CONTAIN CHECKSUM IN ERROR

095
DOES IO = 07 ?
Y N

096
COMMAND REJECT FROM ATTACHMENT CARD
PREPARE - LEVEL = 2
RESET
READ DEVICE ID
DIAGNOSTIC POWER ON RESET TEST

097
DOES IN = FF ?
Y N

098
DIAGNOSTIC POWER ON RESET TEST FAILED
CHECK DCB, FLAGS AND ISB

099
READ DEVICE ID ERROR
DEV3 = EXPECTED DEVICE ID
DEV4 = RECEIVED DEVICE ID
LEVEL = 2

100
DOES IO = 07 ?
Y N

101
COMMAND REJECT FROM ATTACHMENT CARD
PREPARE - LEVEL = 1
RESET
READ DEVICE ID
DIAGNOSTIC POWER ON RESET TEST

8  8
X  Y

102
DOES IN = FF ?
Y N

103
DIAGNOSTIC POWER ON RESET TEST FAILED
CHECK DCB, FLAGS AND ISB

104
READ DEVICE ID ERROR
DEV3 = EXPECTED DEVICE ID
DEV4 = RECEIVED DEVICE ID
LEVEL = 1

105
DOES IO = 07 ?
Y N

106
COMMAND REJECT FROM ATTACHMENT CARD
PREPARE - LEVEL = 0
RESET
READ DEVICE ID
DIAGNOSTIC POWER ON RESET TEST

107
DOES IN = FF ?
Y N

108
DIAGNOSTIC POWER ON RESET TEST FAILED
CHECK DCB, FLAGS AND ISB

109
READ DEVICE ID ERROR
DEV3 = EXPECTED DEVICE ID
DEV4 = RECEIVED DEVICE ID
LEVEL = 0