```
4974 PRINTER (MATRIX)
SYSTEM TEST ERROR MAP
PAGE 1 OF 7
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 64 °.
DOES RTN = 0001 ?
    002
DOES RTN = 0002 ?
Y N
        003
DOES RTN = 0003 ?
            \begin{array}{ccc} 004 \\ \text{DOES} \\ \text{Y} & \text{N} \end{array} = 0004 ?
                005
DOES RTN = 0005 ?
                        COPYRIGHT IBM CORP 1976
```

REVISED 1979

5 5 5 4 3 2 A B C D E F

```
006
DOES RTN = 0006 ?
   007
DOES RTN = 0007 ?
        V_{N} DOES CKPT = 0000 ?

    \begin{array}{c}
      \text{DOES} \\
      \text{Y} \\
    \end{array}

    \begin{array}{c}
      \text{IO} = 07? \\
    \end{array}

            \overrightarrow{D}OES IO = 07 ?
       016
DOES IO = 07 ?
   019
DOES CKPT = 0000 ?
Y N
       020
DOES CKPT = 0001 ?
Y N
           021
DOES IO = 07 ?
           023
DOES IN = 03 ?
```

MAP 64E0-1

21SEP79

PN 1635466

MAP 64E0-1

EC375482 PEC755104

```
SYSTEM TEST ERROR MAP
              PAGE 2 OF 7
   009
DOES CKPT = 0001 ?
          COMMAND REJECT FROM ATTACHMENT CARD START INPUT/OUTPUT (WRITE)
       WRITE ERROR (INCREASING LINE LENGTH)
CHECK DCB, FLAGS AND ISB
      COMMAND REJECT FROM ATTACHMENT CARD START INPUT/OUTPUT (WRITE)
   WRITE ERROR (DECREASING LINE LENGTH)
CHECK DCB, FLAGS AND ISB
   COMMAND REJECT FROM ATTACHMENT CARD PREPARE - LEVEL = 1
START INPUT/OUTPUT (SKIP TO ONE)
SKIP TO ONE ERROR
CHECK DCB, FLAGS AND ISB
     022
COMMAND REJECT FROM ATTACHMENT CARD
START INPUT/OUTPUT (READ)
     024
READ ROM ERROR
CHECK DCB, FLAGS AND ISB
  025
READ ROM DATA ERROR
RECEIVED DATA IN DEV1 TO DEV4
EXPECTED DATA
HEXADECIMAL 23456789ABCDF001
```

4974 PRINTER (MATRIX)

21SEP79 PN 1635466 EC375482 PEC755104

MAP 64E0-2

MAP 64E0-2

```
4974 PRINTER (MATRIX)
                   SYSTEM TEST ERROR MAP
                   PAGE 3 OF 7
        026
DOES IO = 07 ?
            COMMAND REJECT FROM ATTACHMENT CARD START INPUT/OUTPUT (WRITE)
         WRITE ERROR
CHECK DCB, FLAGS AND ISB
      029
DOES IO = 07 ?
         COMMAND REJECT FROM ATTACHMENT CARD PREPARE - LEVEL = 1 START INPUT/OUTPUT (SKIP TO ONE)
     SKIP TO ONE ERROR
CHECK DCB, FLAGS AND ISB
   DOES CKPT = 0000 ?

\widetilde{\mathbf{p}}\widetilde{\mathbf{o}}\widetilde{\mathbf{E}}\mathbf{s}
 IO = 07 ?
         COMMAND REJECT FROM ATTACHMENT CARD START INPUT/OUTPUT (WRITE)
     WRITE ERROR (ERROR EXPECTED - GOOD RECEIVED)
CHECK DCB, FLAGS AND ISB
   036
DOES IO = 07 ?
     COMMAND REJECT FROM ATTACHMENT CARD PREPARE - LEVEL = 1
START INPUT/OUTPUT (SKIP TO ONE)
   SKIP TO ONE ERROR
CHECK DCB, FLAGS AND ISB
039
DOES CKPT = 0000 ?
   DOES CKPT = 0002 ?
         042
DOES IO = 07 ?
            COMMAND REJECT FROM ATTACHMENT CARD
SECOND READ OF THE CYCLE STEAL STATUS
         DOES IN = 03 ?
            READ CYCLE STEAL STATUS ERROR
CHECK DCB, FLAGS AND ISB
```

```
4974 PRINTER (MATRIX)
                        SYSTEM TEST ERROR MAP
                        PAGE 4 OF 7
               RESIDUAL ADDRESS ERROR
DEV4 = EXPECTED ADDRESS
RSAD = RECEIVED ADDRESS
           COMMAND REJECT FROM ATTACHMENT CARD
FIRST READ OF THE CYCLE STEAL STATUS

  \begin{array}{c}
    \text{DOES IN} = 03? \\
    \text{YN}
  \end{array}

               READ CYCLE STEAL STATUS ERROR
CHECK DCB, FLAGS AND ISB
           RESIDUAL ADDRESS ERROR
DEV4 = EXPECTED ADDRESS
RSAD = RECEIVED ADDRESS
       052
DOES IO = 07 ?
           COMMAND REJECT FROM ATTACHMENT CARD START INPUT/OUTPUT (WRITE)
       WRITE ERROR
CHECK DCB, FLAGS AND ISB
    055
DOES IO = 07 ?
       COMMAND REJECT FROM ATTACHMENT CARD PREPARE - LEVEL = 1
START INPUT/OUTPUT (SKIP TO ONE)
   057
SKIP TO ONE ERROR
CHECK DCB, FLAGS AND ISB

\begin{array}{lll}
058 \\
\underline{DOES} & \underline{CKPT} = 0000 ?
\end{array}

\widetilde{D}\widetilde{O}\widetilde{E}S
 IO = 07 ?
       060
COMMAND REJECT FROM ATTACHMENT CARD
START INPUT/OUTPUT WRITE (LINE SKIP TEST)
   WRITE FAILED (LINE SKIP TEST)
CHECK DCB, FLAGS AND ISB
062
00Es 10 = 07 ?
   COMMAND REJECT FROM ATTACHMENT CARD PREPARE - LEVEL = 1
START INPUT/OUTPUT (SKIP TO ONE)
SKIP TO ONE ERROR
CHECK DCB, FLAGS AND ISB
```

21SEP79 PN 1635466 EC375482 PEC755104 MAP 64E0-3 21SEP79 PN 1635466 EC375482 PEC755104 MAP 64E0-4

```
A B C
                                                                                                               4974 PRINTER (MATRIX)
                                                                                                               SYSTEM TEST ERROR MAP
                                                                                                             PAGE 5 OF 7
                                     065
DOES CKPT = 0000 ?
                                                     066
DOES IO = 07 ?
                                                              COMMAND REJECT FROM ATTACHMENT CARD START INPUT/OUTPUT (WRITE)
                                                   WRITE ERROR
CHECK DCB, FLAGS AND ISB
                                     069
DOES IO = 07 ?
                                                070°
COMMAND REJECT FROM ATTACHMENT CARD
PREPARE - LEVEL = 1
START INPUT/OUTPUT (SKIP TO ONE)
                                     SKIP TO ONE ERROR
CHECK DCB, FLAGS AND ISB
                  0.73 DOES CKPT = 0001 ?
                                                     DOES 10 = 07 ?
                                                                    COMMAND REJECT FROM ATTACHMENT CARD START INPUT/OUTPUT (WRITE)
                                                   WRITE FAILED
CHECK DCB, FLAGS AND ISB
DEV1 AND DEV2 CONTAIN DATA TO WRITE

\widetilde{p}
\widetilde{o}
\widetilde{E}
\widetilde{S}

                                               078
COMMAND REJECT FROM ATTACHMENT CARD
START INPUT/OUTPUT (WRITE)
                                    WRITE FAILED
CHECK DCB, FLAGS AND ISB
DEV1 AND DEV2 CONTAIN DATA TO WRITE

\widetilde{D}\widetilde{O}\widetilde{E}S
 IO = 07 ?
                                   COMMAND REJECT FROM ATTACHMENT CARD PREPARE - LEVEL = 1
START INPUT/OUTPUT (SKIP TO ONE)
START INPUT/OUTPUT (LOAD 8 LINE / INCH CODE
                  SKIP TO ONE ERROR
LOAD 8 LINE CODE ERROR
CHECK DCB, FLAGS AND ISB
    083
DOES CKPT = 0000 ?
```

```
4974 PRINTER (MATRIX)
                    SYSTEM TEST ERROR MAP
                    PAGE 6 OF 7
   DOES CKPT = 0001 ?
       DOES CKPT = 0002 ?

\widetilde{D}\widetilde{O}\widetilde{E}S
 IO = 07 ?
            COMMAND REJECT FROM ATTACHMENT CARD PREPARE - LEVEL = 1
START INPUT/OUTPUT (DIAGNOSTIC READ)
          DOES IN = 03 ?
            DIAGNOSTIC READ ERROR
CHECK DCB, FLAGS AND ISB
         CHECKSUM VALUE ERROR
VALUE IN ERROR STORE
IN DEV3 AND DEV4

\widetilde{D}OES IO = 07 ?

         COMMAND REJECT FROM ATTACHMENT CARD PREPARE - LEVEL = 2
RESET READ ID
         START INPUT/OUTPUT (WRITE)
      093
DOES IN = 03 ?
Y N
         WRITE FAILED
CHECK DCB, FLAGS AND ISB
LEVEL = 2
      WRONG ID RECEIVED ON LEVEL - 2
DEV3 = RECEIVED ID
DEV4 = EXPECTED ID
   096
DOES IO = 07 ?
      COMMAND REJECT FROM ATTACHMENT CARD PREPARE - LEVEL = 1
      READ ID
START INPUT/OUTPUT (WRITE)
   098
DOES IN = 03 ?
     WRITE PAILED
CHECK DCB, FLAGS AND ISB
LEVEL = 1
  WRONG ID RECEIVED ON LEVEL - 1
DEV3 = RECEIVED ID
DEV4 = EXPECTED ID
DOES IO = 07?
```

21SEP79 PN 1635466 EC375482 PEC755104 MAP 64E0-5

21SEP79 PN 1635466 EC375482 PEC755104

```
R S 4974 PRINTER (MATRIX)

SYSTEM TEST ERROR MAP

PAGE 7 OF 7

102
COMMAND REJECT FROM ATTACHMENT CARD
PREPARE - LEVEL = 0
RESET
READ ID
START INPUT/OUTPUT (WRITE)

103
DOES IN = 03 ?
Y N

104
WRITE FAILED
CHECK DCB, PLAGS AND ISB
LEVEL = 0

105
WRONG ID RECEIVED ON LEVEL - 0
DEV3 = RECEIVED ID
DEV4 = EXPECTED ID
```

21SEP79 PN 1635466 EC375482 PEC755104 NAP 64E0-7

MAP 64E0-7