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## Appendix B: H3000UTL Control File

The H3000UTL Control File is the repository of information about all records and fields of the *HYDRA 3000* configuration. It resides in the memory of the *HYDRA 3000*, and is placed there as part of the process of loading a new release of microcode. H3000UTL must load this file prior to performing any input to or output from the *HYDRA 3000*'s configuration file system. The Control File must match *HYDRA 3000*'s microcode release level in order for H3000UTL commands such as SAVE and RESTORE to produce meaningful results.

In the following pages, the Control File has been partitioned, and section headings, in larger, bold-face type fonts, have been added, in order to enhance readability. Otherwise, it is presented as you would see it if you had created it as a mainframe file using H3000UTL's DUMPCTL command.

The Control File is presented as a reference, to assist in understanding how the mainframe SAVE/RESTORE utility, H3000UTL, does its job.

The actual contents of the Control File will vary from one release to the next.

SYS

```

//////////////////// BEGINNING OF CONTROL TABLE //////////////////////
//// ALL RECORDS SHOW THE DEFAULT VALUE FOR ALL RECORD ELEMENTS. ////
//// THE DEFAULT VALUE FOR A SPECIFIC ELEMENT IS TAKEN WHEREVER ////
//// THE USER FAILS TO DEFINE A CERTAIN VALUE FOR THAT SPECIFIC ////
//// RECORD ELEMENT. ////

/ * CSC: SYSTEM CONFIGURATION DEFINITIONS */

SYS DEF

RECTYPE=,

FILENUM=2, / SYS

KEYLEN=4,

USER.MOD.PASSWD=(TB,NO((0,NO),(1,YES))), / 7 SSWORDS
AT.MAND=(TB,NO((0,NO),(1,YES))), / 6
MIXED.CASE.PWE=(TB,NO((0,NO),(1,YES))), / 5
PU8005=(TB,NO((0,NO),(1,YES))), / 4
PU8008=(TB,NO((0,NO),(1,YES))), / 3
PU8009=(TB,NO((0,NO),(1,YES))), / 2
PRMT.USR.MOD.PWD=(TB,NO((0,NO),(1,YES))), / 1
RSVD=(B,0), / 0

SYSTEM=(H,00), / DIST FUNCT UNIT NUMBER

CNS.HBE=(H,0064), / HISTORY BUFFER ENTRIES

PCX.WLR=(H,04B0), / WAIT LOST RESPONSE
PCX.WLC=(H,04B0), / WAIT LOST CONNECT
PCX.BT=(TB,CI((0000,MP), / PCX ON MP
(0001,CI), / CI
(0010,AI))), / AI
PCX.BN=(B,1111), / PCX BOARD NUMBER
PCX.PWZ=(H,05), / PCX PT-PT WINDOW SIZE
PCX.EWZ=(H,05), / PCX END-END WINDOW SIZE

IP.BT=(TB,CI((0001,CI), / IP ON CI
(0010,AI))), / AI
IP.BN=(B,1111), / IP BOARD NUMBER
IP.ADN=(H,00000000), /IP DNS ADDRESS
IP.ARP=(H,00000000), /IP REMOTE PORTS
DND=(E,' '), / UNIT DOMAN NAME DEFFINATION

PU4.BT=(TB,CI((0001,CI), / PU4 ON CI
(0010,AI))), / AI
PU4.BN=(B,1111), / PU4 BOARD NUMBER
CNS.BT=(TB,CI((0001,CI), / CNS ON CI
(0010,AI))), / AI
CNS.BN=(B,1111), / CNS BOARD NUMBER
RSVD=(H,0000),

LUT=(E,' '),

BC=(E,' '),
CI.01=(E,' '),
CI.0=(E,' '),
CI.11=(E,' '),
CI.1=(E,' '),
CI.21=(E,' '),
CI.2=(E,' '),
CI.31=(E,' '),
CI.3=(E,' '),
CI.41=(E,' '),
CI.4=(E,' '),
CI.51=(E,' '),
CI.5=(E,' '),
CI.61=(E,' '),
CI.6=(E,' '),
CI.71=(E,' '),

```

## Appendix B: The H3000UTL Control File, UTIL CF

---

```
CI.7=(E, ' '),
CI.81=(E, ' '),
CI.8=(E, ' '),
CI.91=(E, ' '),
CI.9=(E, ' '),
CI.A1=(E, ' '),
CI.A=(E, ' '),
CI.B1=(E, ' '),
CI.B=(E, ' '),
CI.C1=(E, ' '),
CI.C=(E, ' '),
CI.D1=(E, ' '),
CI.D=(E, ' '),
CI.E1=(E, ' '),
CI.E=(E, ' '),
CI.F1=(E, ' '),
CI.F=(E, ' '),
AI.0=(E, ' '),
AI.1=(E, ' '),
AI.2=(E, ' '),
AI.3=(E, ' '),
AI.4=(E, ' '),
AI.5=(E, ' '),
AI.6=(E, ' '),
AI.7=(E, ' '),
AI.8=(E, ' '),
AI.9=(E, ' '),
AI.A=(E, ' '),
AI.B=(E, ' '),
AI.C=(E, ' '),
AI.D=(E, ' '),
AI.E=(E, ' '),
AI.F=(E, ' '),
MSG=(A, ' '),
SAA=(H,00000000) /PU-4 SUB ADREA ADDRSS
DEFEND / SYS
```

**BDF**

```

/* BOARD DEFFINITIONS */
                BDF.CI
BDF.CI DEF
RECTYPE=,
FILENUM=3,      / BDF.CI
KEYLEN=4,
INIT.DLY=(H,00),
RSVD=(B,0),
BOARD.CLASS=(CB,001), /ID THIS AS A 'CC'
RSVD=(B,0000),

CLE.0.CUU=(H,00), / STARTING CUU
CLE.0.NUM=(H,00), / NUMBER OF DEVICES
CLE.0.ID=(H,00), / TRANSLATE ID
        RSVD=(H,00),
CLE.0.CDD=(E,' '), / DEVICE REF
CLE.0.REF=(E,' '), / REF (DND)
CLE.0.PU.NM=(A,' '), / ASSOUCATED PU NAME

CLE.1.CUU=(H,00), / STARTING CUU
CLE.1.NUM=(H,00), / NUMBER OF DEVICES
CLE.1.ID=(H,00), / TRANSLATE ID
        RSVD=(H,00),
CLE.1.CDD=(E,' '), / DEVICE REF
CLE.1.REF=(E,' '), / REF (DND)
CLE.1.PU.NM=(A,' '), / ASSOUCATED PU NAME

CLE.2.CUU=(H,00), / STARTING CUU
CLE.2.NUM=(H,00), / NUMBER OF DEVICES
CLE.2.ID=(H,00), / TRANSLATE ID
        RSVD=(H,00),
CLE.2.CDD=(E,' '), / DEVICE REF
CLE.2.REF=(E,' '), / REF (DND)
CLE.2.PU.NM=(A,' '), / ASSOUCATED PU NAME

CLE.3.CUU=(H,00), / STARTING CUU
CLE.3.NUM=(H,00), / NUMBER OF DEVICES
CLE.3.ID=(H,00), / TRANSLATE ID
        RSVD=(H,00),
CLE.3.CDD=(E,' '), / DEVICE REF
CLE.3.REF=(E,' '), / REF (DND)
CLE.3.PU.NM=(A,' '), / ASSOUCATED PU NAME

CLE.4.CUU=(H,00), / STARTING CUU
CLE.4.NUM=(H,00), / NUMBER OF DEVICES
CLE.4.ID=(H,00), / TRANSLATE ID
        RSVD=(H,00),
CLE.4.CDD=(E,' '), / DEVICE REF
CLE.4.REF=(E,' '), / REF (DND)
CLE.4.PU.NM=(A,' '), / ASSOUCATED PU NAME

CLE.5.CUU=(H,00), / STARTING CUU
CLE.5.NUM=(H,00), / NUMBER OF DEVICES
CLE.5.ID=(H,00), / TRANSLATE ID
        RSVD=(H,00),
CLE.5.CDD=(E,' '), / DEVICE REF
CLE.5.REF=(E,' '), / REF (DND)
CLE.5.PU.NM=(A,' '), / ASSOUCATED PU NAME

CLE.6.CUU=(H,00), / STARTING CUU
CLE.6.NUM=(H,00), / NUMBER OF DEVICES
CLE.6.ID=(H,00), / TRANSLATE ID
        RSVD=(H,00),
CLE.6.CDD=(E,' '), / DEVICE REF
CLE.6.REF=(E,' '), / REF (DND)
CLE.6.PU.NM=(A,' '), / ASSOUCATED PU NAME

```

## Appendix B: The H3000UTL Control File, UTIL CF

---

```
CLE.7.CUU=(H,00), / STARTING CUU
CLE.7.NUM=(H,00), / NUMBER OF DEVICES
CLE.7.ID=(H,00), / TRANSLATE ID
RSVD=(H,00),
CLE.7.CDD=(E,' '), / DEVICE REF
CLE.7.REF=(E,' '), / REF (DND)
CLE.7.PU.NM=(A,' '), / ASSOUCATED PU NAME

CLE.8.CUU=(H,00), / STARTING CUU
CLE.8.NUM=(H,00), / NUMBER OF DEVICES
CLE.8.ID=(H,00), / TRANSLATE ID
RSVD=(H,00),
CLE.8.CDD=(E,' '), / DEVICE REF
CLE.8.REF=(E,' '), / REF (DND)
CLE.8.PU.NM=(A,' '), / ASSOUCATED PU NAME

CLE.9.CUU=(H,00), / STARTING CUU
CLE.9.NUM=(H,00), / NUMBER OF DEVICES
CLE.9.ID=(H,00), / TRANSLATE ID
RSVD=(H,00),
CLE.9.CDD=(E,' '), / DEVICE REF
CLE.9.REF=(E,' '), / REF (DND)
CLE.9.PU.NM=(A,' '), / ASSOUCATED PU NAME

CLE.A.CUU=(H,00), / STARTING CUU
CLE.A.NUM=(H,00), / NUMBER OF DEVICES
CLE.A.ID=(H,00), / TRANSLATE ID
RSVD=(H,00),
CLE.A.CDD=(E,' '), / DEVICE REF
CLE.A.REF=(E,' '), / REF (DND)
CLE.A.PU.NM=(A,' '), / ASSOUCATED PU NAME

CLE.B.CUU=(H,00), / STARTING CUU
CLE.B.NUM=(H,00), / NUMBER OF DEVICES
CLE.B.ID=(H,00), / TRANSLATE ID
RSVD=(H,00),
CLE.B.CDD=(E,' '), / DEVICE REF
CLE.B.REF=(E,' '), / REF (DND)
CLE.B.PU.NM=(A,' ') / ASSOUCATED PU NAME

DEFEND / BDF.CI
```

**BDF.AI**

```

BDF.AI DEF
RECTYPE=,
FILENUM=3, / BDF.AI
KEYLEN=4,
RSVD=(H,00),
RSVD=(B,0),
BOARD.CLASS=(CB,011), /ID THIS AS A 'PC'
RSVD=(B,000),
XCONN=(TB,NO((0,NO),(1,YES))), / NAME FIELD IS CONN INFO

PORT.0.REF=(E,' '),
PORT.0.NAM=(A,' '),
PORT.1.REF=(E,' '),
PORT.1.NAM=(A,' '),
PORT.2.REF=(E,' '),
PORT.2.NAM=(A,' '),
PORT.3.REF=(E,' '),
PORT.3.NAM=(A,' '),
PORT.4.REF=(E,' '),
PORT.4.NAM=(A,' '),
PORT.5.REF=(E,' '),
PORT.5.NAM=(A,' '),
PORT.6.REF=(E,' '),
PORT.6.NAM=(A,' '),
PORT.7.REF=(E,' '),
PORT.7.NAM=(A,' '),
PORT.8.REF=(E,' '),
PORT.8.NAM=(A,' '),
PORT.9.REF=(E,' '),
PORT.9.NAM=(A,' '),
PORT.A.REF=(E,' '),
PORT.A.NAM=(A,' '),
PORT.B.REF=(E,' '),
PORT.B.NAM=(A,' '),
PORT.C.REF=(E,' '),
PORT.C.NAM=(A,' '),
PORT.D.REF=(E,' '),
PORT.D.NAM=(A,' '),
PORT.E.REF=(E,' '),
PORT.E.NAM=(A,' '),
PORT.F.REF=(E,' '),
PORT.F.NAM=(A,' '),
PROMPT=(A,' ')

DEFEND / BDF.AI
    
```

**BDF.NI**

```

BDF.NI DEF
RECTYPE=,
FILENUM=3,      / BDF.NI
KEYLEN=4,
RSVD=(H,00),
RSVD=(B,0),
BOARD.CLASS=(CB,010), /ID THIS AS A 'NC'
RSVD=(B,000000000000),

CLASS=(TB,NULL((00000000,NULL),      / NULL MODULE
              (11000011,TKNR16),    / TOKEN RING 16MHZ
              (11000000,TKNR4),     / TOKEN RING  4MHZ
              (10100000,ETHR))),    / ETHERNET

STATION=(H,400007000000),

RCVBFRS=(H,0010),
XMTBFRS=(H,0010),
FRAMESZ=(H,1000),

NAME.0=(A,'      '),
RSVD=(B,00),
TYPE.0=(TB,NULL((0000,NULL),      / NULL
              (0001,DSPU),        / SNA DOWN STREAM PU
              (0010,DSMF),        / SNA DOWN STREAM MF
              (0011,LCPS),        / JSS LCP HNMF SERVER
              (0100,LCPD),        / JDS LCP DFU
              (0101,LCPT),        / JDS LCP 3270
              (0110,IP2H),        / LAN/IP TO HYDRA
              (0111,IP2C))),      / LAN/IP TO CHANNEL

RSVD=(B,00),
  ID.0=(H,00),
  RSAP.0=(H,00),
  LSAP.0=(H,00),
  ESIZ.0=(H,0000),
  RADR.0=(H,000000000000),

NAME.1=(A,'      '),
RSVD=(B,00),
TYPE.1=(TB,NULL((0000,NULL),      / NULL
              (0001,DSPU),        / SNA DOWN STREAM PU
              (0010,DSMF),        / SNA DOWN STREAM MF
              (0011,LCPS),        / JSS LCP HNMF SERVER
              (0100,LCPD),        / JDS LCP DFU
              (0101,LCPT),        / JDS LCP 3270
              (0110,IP2H),        / LAN/IP TO HYDRA
              (0111,IP2C))),      / LAN/IP TO CHANNEL

RSVD=(B,00),
  ID.1=(H,00),
  RSAP.1=(H,00),
  LSAP.1=(H,00),
  ESIZ.1=(H,0000),
  RADR.1=(H,000000000000),

NAME.2=(A,'      '),
RSVD=(B,00),
TYPE.2=(TB,NULL((0000,NULL),      / NULL
              (0001,DSPU),        / SNA DOWN STREAM PU
              (0010,DSMF),        / SNA DOWN STREAM MF
              (0011,LCPS),        / JSS LCP HNMF SERVER
              (0100,LCPD),        / JDS LCP DFU
              (0101,LCPT),        / JDS LCP 3270
              (0110,IP2H),        / LAN/IP TO HYDRA
              (0111,IP2C))),      / LAN/IP TO CHANNEL

RSVD=(B,00),
  ID.2=(H,00),
  RSAP.2=(H,00),
  LSAP.2=(H,00),
  ESIZ.2=(H,0000),
  RADR.2=(H,000000000000),

```

## Appendix B: The H3000UTL Control File, UTIL CF

```

NAME.3=(A,'          '),
RSVD=(B,00),
TYPE.3=(TB,NULL((0000,NULL),          / NULL
              (0001,DSPU),          / SNA DOWN STREAM PU
              (0010,DSMF),          / SNA DOWN STREAM MF
              (0011,LCPS),          / JSS LCP HNMF SERVER
              (0100,LCPD),          / JDS LCP DFU
              (0101,LCPT),          / JDS LCP 3270
              (0110,IP2H),          / LAN/IP TO HYDRA
              (0111,IP2C))),          / LAN/IP TO CHANNEL

RSVD=(B,00),
  ID.3=(H,00),
RSAP.3=(H,00),
LSAP.3=(H,00),
ESIZ.3=(H,0000),
RADR.3=(H,000000000000),

NAME.4=(A,'          '),
RSVD=(B,00),
TYPE.4=(TB,NULL((0000,NULL),          / NULL
              (0001,DSPU),          / SNA DOWN STREAM PU
              (0010,DSMF),          / SNA DOWN STREAM MF
              (0011,LCPS),          / JSS LCP HNMF SERVER
              (0100,LCPD),          / JDS LCP DFU
              (0101,LCPT),          / JDS LCP 3270
              (0110,IP2H),          / LAN/IP TO HYDRA
              (0111,IP2C))),          / LAN/IP TO CHANNEL

RSVD=(B,00),
  ID.4=(H,00),
RSAP.4=(H,00),
LSAP.4=(H,00),
ESIZ.4=(H,0000),
RADR.4=(H,000000000000),

NAME.5=(A,'          '),
RSVD=(B,00),
TYPE.5=(TB,NULL((0000,NULL),          / NULL
              (0001,DSPU),          / SNA DOWN STREAM PU
              (0010,DSMF),          / SNA DOWN STREAM MF
              (0011,LCPS),          / JSS LCP HNMF SERVER
              (0100,LCPD),          / JDS LCP DFU
              (0101,LCPT),          / JDS LCP 3270
              (0110,IP2H),          / LAN/IP TO HYDRA
              (0111,IP2C))),          / LAN/IP TO CHANNEL

RSVD=(B,00),
  ID.5=(H,00),
RSAP.5=(H,00),
LSAP.5=(H,00),
ESIZ.5=(H,0000),
RADR.5=(H,000000000000),

NAME.6=(A,'          '),
RSVD=(B,00),
TYPE.6=(TB,NULL((0000,NULL),          / NULL
              (0001,DSPU),          / SNA DOWN STREAM PU
              (0010,DSMF),          / SNA DOWN STREAM MF
              (0011,LCPS),          / JSS LCP HNMF SERVER
              (0100,LCPD),          / JDS LCP DFU
              (0101,LCPT),          / JDS LCP 3270
              (0110,IP2H),          / LAN/IP TO HYDRA
              (0111,IP2C))),          / LAN/IP TO CHANNEL

RSVD=(B,00),
  ID.6=(H,00),
RSAP.6=(H,00),
LSAP.6=(H,00),
ESIZ.6=(H,0000),
RADR.6=(H,000000000000),

```

## Appendix B: The H3000UTL Control File, UTIL CF

---

```
NAME.7=(A,'          '),
RSVD=(B,00),
TYPE.7=(TB,NULL((0000,NULL),          / NULL
          (0001,DSPU),          / SNA DOWN STREAM PU
          (0010,DSMF),          / SNA DOWN STREAM MF
          (0011,LCPS),          / JSS LCP HNMF SERVER
          (0100,LCPD),          / JDS LCP DFU
          (0101,LCPT),          / JDS LCP 3270
          (0110,IP2H),          / LAN/IP TO HYDRA
          (0111,IP2C))),          / LAN/IP TO CHANNEL

RSVD=(B,00),
  ID.7=(H,00),
RSAP.7=(H,00),
LSAP.7=(H,00),
ESIZ.7=(H,0000),
RADR.7=(H,000000000000),

APD.CT=(H,00),
RSVD=(H,000000),
INTVL=(H,00000064),
APD.REF=(E,'          '),
NAM=(A,'          '),
PROMPT=(A,'          ')

DEFEND          / BDF.NI
```

## CDD

```

/ * CDD: CHANNEL DEVICE DEFINITION * /
CDD  DEF
      RECTYPE=,
      FILENUM=4,      / CDD
      KEYLEN=4,
      DV=(H,00),      / DEVICE CODE
/
/      (00,NUL),      / CLECLNULL
/      (12,SNAPU20), / CLEPSNA+CLECLP20
/      (22,SNARHA), / CLEPRHA+CLECLP20
/      (08,C2CI),   / CLECLLNK+CLEPC2CI
/      (18,C2CR),   / CLECLLNK+CLEPC2CR
/      (28,TCPLAN), / CLECLLNK+CLEPC2LN
/      (38,TCPRTE), / CLECLLNK+CLEPC2IP
/      (A8,TCPLAN2U), / CLECLLNK+CLEPC2L2
/      (B8,TCPRTE2U), / CLECLLNK+CLEPC2I2
/      (?2,SNAPU40), / CLEP???+CLECLP40
/      (0E,NONSNA), / CLECLBSC+CLEBSLT
/      (2E,NONSARHA), / CLECLBSC+CLEBSRT
/      (4E,NONSNAPCE), / CLECLBSC+CLEBSPE
/      (1E,3211), / CLECLBSC+CLEBSLP
/      (3E,3211RHA), / CLECLBSC+CLEBSRP
/      (42,HNVTAM), / CLEPAPU+CLECLP20
/      (0F,HYDRANET)), / CLECLSPC
      RSVD=(H,00),
      DLY.0=(H,0000), / TIME DELAY
      DLY.1=(H,0000), / TIME DELAY
      DLY.2=(H,0000), / TIME DELAY
      SID.LEN=(H,04), / SENSE ID LENGTH
      BFL=(H,08), / BUFFER LIMIT
      RSVD=(H,0000),
      OB=(H,0100), / OUTBOUND MAX PIU
      IB=(H,0100), / INBOUND MAX PIU
      SID.VAL=(H,FF31741A00000000), / SENSE ID VALUE
      DSC=(A,' '),
      DEFEND / CDD

```

## DND

```

/ * DND: DOMAIN NAME DEFFINITION * /
DND  DEF
      RECTYPE=,
      FILENUM=5,      / DND
      KEYLEN=4,
      LINK=(E,' '), / LINK TO NEXT
      IP.AD=(H,00000000), /IP ADDRESS
/
/      1      2      3      4      5
/      123456789 123456789 123456789 123456789 123456789 12
IP.DN=(A,' '),
      DEFEND / DND

```

## CDF

```
/* * CDF: COMMUNIOICATIONS DEFFINITION */
CDF  DEF
    RECTYPE=,
    FILENUM=6,      / CDF
    KEYLEN=4,
    TYPE=(TH,ASYNC((00,ASYNC),
                  (11,ACP),
                  (22,BSC),
                  (33,SDLC),
                  (02,BSCT),
                  (03,SDLCT),
                  (04,SLIPAT),
                  (05,SLIPB4),
                  (06,PPPAF),
                  (07,PPPB4T))),
    RSVD=(B,0000000),
    ENCODING=(B,0),
    XMT.BFRS=(H,00),
    RCV.BFRS=(H,00),
    RCV.BSIZ=(H,0000),
    BLK.SIZ=(H,0000),
    DSC=(A,'          '),
    DEFEND      / CDF
```

## APD

```

/ * APD: PORT DEVICE DEFINITIONS * /

/ PORT DEVICE DEFINITIONS FOR A DISPLAY STATION CLASS. PDF REFERENCE
/ FOR A DISPLAY STATION IS NOT VALID. NOTE THAT SDF REFERENCE IS
/ OPTIONAL. IF SDF REFERENCE IS ALL BLANK ' ', THEN SDF SECURITY
/ IS TAKEN FROM THE PASSWORD LINK. OTHERWISE, THE ORIGINAL SDF WILL
/ BE OVERRIDEN BY THIS NEW SDF REFERENCE.

APD      DEF
         RECTYPE=,
         FILENUM=7,          / APD
         KEYLEN=4,
         DROP.DTR.UNB=(TB,NO((0,NO),(1,YES))),          / 7
         DATA.RTE=(TB,NO((0,NO),(1,YES))),            / 6
         DIALIN=(TB,NO((0,NO),(1,YES))),                / 5
         DIALOUT=(TB,NO((0,NO),(1,YES))),               / 4
         TIMER=(TB,DFC((0,DFC),(1,INTERV))),           / 2
         DYNAMICBAUD=(TB,YES((0,NO),(1,YES))),          / 2
         NULL.IMPLIES.DISC=(TB,YES((0,NO),(1,YES))),   / 1
         BREAK.IMPLIES.DISC=(TB,YES((0,NO),(1,YES))),  / 0

         DYNAMICTERM=(TB,YES((0,NO),(1,YES))),          / 7
         DYNAMICMENU=(TB,YES((0,NO),(1,YES))),          / 6
         DYNAMICSECU=(TB,NO((0,NO),(1,YES))),           / 5
         UNOWNED.ID=(TB,NO((1,NO),(0,YES))),            / 4
         BL.TDF.VAL=(TB,NO((1,NO),(0,YES))),            / 3
         SECURE.TRM=(TB,NO((0,NO),(1,YES))),            / 2
         RSVD=(B,00),                                   / 1-0

         LD0.REF=(E,' '),
         LD1.REF=(E,' '),
         LD2.REF=(E,' '),
         LD3.REF=(E,' '),

         XLT.REF=(E,' '),
         MDF.REF=(E,' '),
         PDF.REF=(E,' '),
         TDF.REF=(E,' '),
         SDF.REF=(E,' '),
         RCE.REF=(E,' '),

         DSC=(A,' '),

```

## Appendix B: The H3000UTL Control File, UTIL CF

---

```
 / * EMULATOR SLAVE PORTION OF PD * /
ECHO.ENA=(TB,YES((0,NO),(1,YES))),
OPTIMIZATION.ENA=(TB,YES((0,NO),(1,YES))),
CLEAR.OPTION=(TB,BAUD((100,SYSTEM),
                      (000,NEVER),
                      (001,FORCED),
                      (010,NORMAL),
                      (011,BAUD))),
STD.INSERT.ENA=(TB,NO((0,NO),(1,YES))),
STD.NUMERIC.ENA=(TB,YES((1,NO),(0,YES))),
ENHANCED.LIGHT.PEN=(TB,YES((0,NO),(1,YES))),
TEST.ENA=(TB,YES((1,NO),(0,YES))),
TIMEOUT.ENA=(TB,YES((1,NO),(0,YES))),
ADVANCED.KEYBOARD.PROCESSING=(TB,YES((1,NO),(0,YES))),
RSVD=(B,00000),

DFC.INTRV.TIMEOUT=(H,000A),

KEY.AHEAD.DELAY=(H,0000),
DRAIN.TIMEOUT=(H,000F),
ACTIVITY.TIMEOUT=(H,0000),

CHARSZ=(TB,8-BIT((11,8-BIT),
                 (10,7-BIT))),
STOPBITS=(TB,1((01,1),(10,1.5),(11,2))),
RSVD=(B,0),
PARITY=(TB,NONE((000,NONE),
                (101,ODD),
                (100,EVEN))),

RSVD=(B,00000),
FLOWCNTL=(TB,XOFF-XON((111,XOFF-XON),
                      (110,XOFF-XANY),
                      (101,RTS-CTS),
                      (011,DTR-DCD),
                      (010,DTR-DSR),
                      (000,NONE))),

RSVD=(H,00),
RSVD=(B,000),
BAUD=(TB,9600((00000,EXT),
              (00001,110),
              (00010,300),
              (00011,600),
              (00100,1200),
              (00101,2400),
              (00110,4800),
              (00111,9600),
              (01000,19.2),
              (01001,28.8),
              (01010,32.0),
              (01011,38.4),
              (01100,40.8),
              (01101,50.0),
              (01110,56.0),
              (01111,57.6),
              (10000,64.0),
              (10001,115K))),
CDF.REF=(E,' ')

DEFEND / APD
```

## LDV

```

/ * LDV: LOGICAL DEVICE DEFFINITION */
LDV  DEF
      RECTYPE=,
      FILENUM=8,      / LDV
      KEYLEN=4,

      RSVD=(B,00),
      TYPE=(TB,3277((000000,NULL),
                    (000100,3277),
                    (000101,3278),
                    (000110,3279),
                    (001000,3286),
                    (001001,AUDITP),
                    (010000,RL),
                    (010001,DSPU),
                    (010010,DSMF),
                    (010011,XPAR))),
/ NOT REALY SUPORTED (100000,3708PCE),
/ FLAG BYTE
      TRM.FORCE=(TB,YES((0,NO),(1,YES))),
      TRM.ORDER=(TB,NO((0,NO),(1,YES))),
      LU.0831=(TB,NO((0,NO),(1,YES))),
      FF.AFTER=(TB,NO((0,NO),(1,YES))),
      RSVD=(B,00),
      EXT.ATTR=(TB,NEVER((00,NEVER),
                        (10,DYNAMIC),
                        (11,FORCED))),      / 1-0

      DSC=(A,'
AT.P.PRY=(H,00),
MODELS=(H,0000),
RSVD=(H,000000)      / ALIGNMENT BYTES

DEFEND      / LDV

```

## LUT

```
      / * LUT: LOGICAL UNIT TRANSLATION */
LUT   DEF
      RECTYPE=,
      FILENUM=9,      / LUT
      KEYLEN=4,
      PART.1.1=(E, ' '),
      PART.1.2=(E, ' '),

      PART.2.1=(E, ' '),
      PART.2.2=(E, ' '),

      PART.3.1=(E, ' '),
      PART.3.2=(E, ' '),

      PART.4.1=(E, ' '),
      PART.4.2=(E, ' '),

      PART.5.1=(E, ' '),
      PART.5.2=(E, ' '),

      PART.6.1=(E, ' '),
      PART.6.2=(E, ' '),
      RSVD=(H,0000)
      DEFEND      / LUT
```

TDF

```

/ * TDF: TERMINAL DEFFINITION TABLE * /

TDF      DEF
RECTYPE=,
FILENUM=10,      / TDF
KEYLEN=6,

ATTR.TYPE=(TB,NO((0,NO),(1,YES))),
BACKGROUND=(TB,NO((0,NO),(1,YES))),
XMITNNDIS=(TB,NO((0,NO),(1,YES))),
EXTATTR=(TB,NO((0,NO),(1,YES))),
AUTO.SCROLL=(TB,YES((0,NO),(1,YES))),
AUTO.WRAP=(TB,YES((0,NO),(1,YES))),
AUTO.LINE=(TB,NO((0,NO),(1,YES))),
AUTO.LF=(TB,NO((0,NO),(1,YES))),
AUTO.CR=(TB,NO((0,NO),(1,YES))),
RSVD=(B,0),
TN3270=(TB,NO((0,NO),(1,YES))),
ACP=(TB,NO((0,NO),(1,YES))),
DATA.ENTRY.KBD=(TB,NO((0,NO),(1,YES))),
RSVD=(B,000),

NAME=(E,'      '),
REVISION=(E,'    '),

M2.SS.I=(HI,FF),
M3.SS.I=(HI,FF),
M4.SS.I=(HI,FF),
M5.SS.I=(HI,FF),

M2.NR=(H,19),
M3.NR=(H,19),
M4.NR=(H,19),
M5.NR=(H,19),

M2.NC=(H,50),
M3.NC=(H,50),
M4.NC=(H,50),
M5.NC=(H,50),

M2.L0.I=(HI,FF),
M3.L0.I=(HI,FF),
M4.L0.I=(HI,FF),
M5.L0.I=(HI,FF),

M2.L1.I=(HI,FF),
M3.L1.I=(HI,FF),
M4.L1.I=(HI,FF),
M5.L1.I=(HI,FF),

M2.L2.I=(HI,FF),
M3.L2.I=(HI,FF),
M4.L2.I=(HI,FF),
M5.L2.I=(HI,FF),

M2.L3.I=(HI,FF),
M3.L3.I=(HI,FF),
M4.L3.I=(HI,FF),
M5.L3.I=(HI,FF),

NBS=(H,00),
NFS=(H,00),
NCU=(H,00),
NCD=(H,00),

CRS.I=(HI,FF),
CLS.I=(HI,FF),
CUS.I=(HI,FF),
CDS.I=(HI,FF),

```

## Appendix B: The H3000UTL Control File, UTIL CF

---

```
ADD=(H,00),
CPF.I=(HI,FF),
SGR.I=(HI,FF),
ATVI=(H,00),

VST.0=(H,0000000000000000),
VST.1=(H,0000000000000000),
VST.2=(H,0000000000000000),
VST.3=(H,0000000000000000),
VST.4=(H,0000000000000000),
VST.5=(H,0000000000000000),
VST.6=(H,0000000000000000),
VST.7=(H,0000000000000000),

IBM4C=(H,00000000000000000000000000000000),

EEOL.I=(HI,FF),
EEOS.I=(HI,FF),
CEOL.I=(HI,FF),
CEOS.I=(HI,FF),
ERSS.I=(HI,FF),
CLRS.I=(HI,FF),

OPNS.I=(HI,FF),
CLSS.I=(HI,FF),
AXON.I=(HI,FF),
AXOF.I=(HI,FF),

KLCK.I=(HI,FF),
KUNL.I=(HI,FF),
ISET.I=(HI,FF),
IRES.I=(HI,FF),
SERP.I=(HI,FF),
RERP.I=(HI,FF),

SUNO.I=(HI,FF),
SSCP.I=(HI,FF),
SPLU.I=(HI,FF),
STST.I=(HI,FF),
SDRT.I=(HI,FF),

SSND.I=(HI,FF),
SRCV.I=(HI,FF),
SCNT.I=(HI,FF),
SIVI=(H,00),

RANS.I=(HI,FF),
SASA.I=(HI,FF),
SNSA.I=(HI,FF),
LPSS.I=(HI,FF),
RSVD=(H,000000),

XLT.REF=(E,' '),
PDF.REF=(E,' '),
```

TDF.SQ.AREA=(P,256), / POOL AREA

M2.SS.S=(HS,M2.SS.I),  
M3.SS.S=(HS,M3.SS.I),  
M4.SS.S=(HS,M4.SS.I),  
M5.SS.S=(HS,M5.SS.I),

M2.L0.S=(HS,M2.L0.I),  
M3.L0.S=(HS,M3.L0.I),  
M4.L0.S=(HS,M4.L0.I),  
M5.L0.S=(HS,M5.L0.I),

M2.L1.S=(HS,M2.L1.I),  
M3.L1.S=(HS,M3.L1.I),  
M4.L1.S=(HS,M4.L1.I),  
M5.L1.S=(HS,M5.L1.I),

M2.L2.S=(HS,M2.L2.I),  
M3.L2.S=(HS,M3.L2.I),  
M4.L2.S=(HS,M4.L2.I),  
M5.L2.S=(HS,M5.L2.I),

M2.L3.S=(HS,M2.L3.I),  
M3.L3.S=(HS,M3.L3.I),  
M4.L3.S=(HS,M4.L3.I),  
M5.L3.S=(HS,M5.L3.I),

CRS.S=(HS,CRS.I),  
CLS.S=(HS,CLS.I),  
CUS.S=(HS,CUS.I),  
CDS.S=(HS,CDS.I),

CPF.S=(HS,CPF.I),  
SGR.S=(HS,SGR.I),

EEOL.S=(HS,EEOL.I),  
EEOS.S=(HS,EEOS.I),  
CEOL.S=(HS,CEOL.I),  
CEOS.S=(HS,CEOS.I),  
ERSS.S=(HS,ERSS.I),  
CLRS.S=(HS,CLRS.I),

OPNS.S=(HS,OPNS.I),  
CLSS.S=(HS,CLSS.I),  
AXON.S=(HS,AXON.I),  
AXOF.S=(HS,AXOF.I),

KLCK.S=(HAS,KLCK.I),  
KUNL.S=(HAS,KUNL.I),  
ISET.S=(HAS,ISET.I),  
IRES.S=(HAS,IRES.I),  
SERP.S=(HAS,SERP.I),  
RERP.S=(HAS,RERP.I),

SUNO.S=(HAS,SUNO.I),  
SSCP.S=(HAS,SSCP.I),  
SPLU.S=(HAS,SPLU.I),  
STST.S=(HAS,STST.I),  
SDRT.S=(HAS,SDRT.I),

SSND.S=(HAS,SSND.I),  
SRCV.S=(HAS,SRCV.I),  
SCNT.S=(HAS,SCNT.I),

RANS.S=(HAS,RANS.I),  
SASA.S=(HAS,SASA.I),  
SNSA.S=(HAS,SNSA.I),  
LPSS.S=(HAS,LPSS.I),

## Appendix B: The H3000UTL Control File, UTIL CF

---

```
/ TKN_TDC - TOKEN(TERMINAL DATA CHARACTERS)
  KEY.SQ=(PKTH,512( (FM,0025),
    (ECENT,004A),
    (EDOT,004B),
    (EPLUS,004E),
    (ESTAR,005C),
    (EMINUS,0060),
    (ESLASH,0061),
    (E0,00F0),
    (E1,00F1),
    (E2,00F2),
    (E3,00F3),
    (E4,00F4),
    (E5,00F5),
    (E6,00F6),
    (E7,00F7),
    (E8,00F8),
    (E9,00F9),

/ TKN_LEF - TOKEN(LOCAL EDITING FUNCTION)
  (RIGHT,0101),
  (LEFT,0102),
  (UP,0103),
  (DOWN,0104),
  (TAB,0105),
  (BTAB,0106),
  (NL,0107),
  (HOME,0108),
  (INSCHAR,0109),
  (DELCHAR,010A),
  (LOCAL.PRINT,010B),
  (ERASE.IPT,010C),
  (ERASE.EOF,010D),
  (INSERT,010E),
  (DUP,0110),
  (CURSOR.SEL,0111),
  (LP.REPORT,0112),
  (CP.REPORT,0113),
  (ALPHA.SI,0118),
  (ALPHA.SO,0119),
  (NUMERIC.SI,011A),
  (NUMERIC.SO,011B),
  (TGL.ECHO,011C),
  (SET.ECHO,011D),
  (CLR.ECHO,011E),
  (IGNORE,011F),

/ TKN_TCF - TOKEN(TERMINAL CONTROL FUNCTION)
  (RESTORE.KBD,0200),
  (CLEAR.KBD,0201),
  (DISCON.KBD,0202),
  (ATTENTION,0203), / GENERATE INBOUND SIGNAL
  (SET.TNDD,0204), /
  (RESET.TNDD,0205), /
  (TSTREQ,0206),
  (REFRESH,0207),
  (DRST,0208), / DATA ROUTING SESSION TOGGLE
  (DRSB,0209), / DATA ROUTING SESSION BINARY
  (DRSD,020A), / DATA ROUTING SESSION DISCON
  (SLTN,020D),
  (SLTP,020E),
  (SLTL,020F),
  (SLT0,0210),
  (SLT1,0211),
  (SLT2,0212),
  (SLT3,0213),
```

```

/ TKN_AID - TOKEN(ATTENTION INDICATORS)
      (PA1,036C),
      (PA2,036E),
      (PA3,036B),
      (PF1,03F1),
      (PF2,03F2),
      (PF3,03F3),
      (PF4,03F4),
      (PF5,03F5),
      (PF6,03F6),
      (PF7,03F7),
      (PF8,03F8),
      (PF9,03F9),
      (PF10,037A),
      (PF11,037B),
      (PF12,037C),
      (PF13,03C1),
      (PF14,03C2),
      (PF15,03C3),
      (PF16,03C4),
      (PF17,03C5),
      (PF18,03C6),
      (PF19,03C7),
      (PF20,03C8),
      (PF21,03C9),
      (PF22,034A),
      (PF23,034B),
      (PF24,034C),
      (PF25,03D1),
      (PF26,03D2),
      (PF27,03D3),
      (PF28,03D4),
      (PF29,03D5),
      (PF30,03D6),
      (PF31,03D7),
      (PF32,03D8),
      (PF33,03D9),
      (PF34,035A),
      (PF35,035B),
      (PF36,035C),
      (PF37,035D),
      (PF38,035E),
      (PF39,035F),
      (PF40,03E2),
      (PF41,03E3),
      (PF42,03E4),
      (PF43,03E5),
      (PF44,03E6),
      (PF45,03E7),
      (PF46,03E8),
      (PF47,03E9),
      (PF48,036A),
      (PF49,036F),
      (NAID,0360),
      (CLEAR,036D),
      (ENTER,037D),
      (SYSRQ,03F0),
      (NSNA.TSTRQ,03E0))
DEFEND / TDF

```

## PDF

```
 / * PDF: PRINTER DEFFINITION TABLE * /

PDF      DEF
RECTYPE=,
FILENUM=11,      / PDF
KEYLEN=6,

FORM.FEED=(TB,YES((0,NO),(1,YES))),
AUTO.FORM=(TB,NO((0,NO),(1,YES))),
STB=(TB,YES((0,NO),(1,YES))),
RSVD=(B,000000000000),

NAME=(E,'      '),
REVISION=(E,'      '),

PLL=(H,00FF),
PPL=(H,00FF),
LPL=(H,00FF),

EM.I=(HI,FF),
NL.I=(HI,FF),
FF.I=(HI,FF),
CR.I=(HI,FF),
OPSS.I=(HI,FF),
CLSS.I=(HI,FF),

XLT.REF=(E,'      '),

PDF.SQ.AREA=(P,64),      / POOL AREA

EM.S=(HS,EM.I),
NL.S=(HS,NL.I),
FF.S=(HS,FF.I),
CR.S=(HS,CR.I),
OPSS.S=(HS,OPSS.I),
CLSS.S=(HS,CLSS.I),

KEY.SQ=(PKTH,64((PA1,016C),
                (PA2,016E),
                (PA3,016B),
                (CLEAR,016D),
                (ENTER,017D),

                (RESTORE.KBD,0300),
                (CLEAR.KBD,0301),
                (IGNORE,021F)))

DEFEND      / PDF
```

## ATE

```

/ * ATE: ASCII TO EBCDIC TRANSLATION TABLE */

ATE      DEF
        RECTYPE=,
        FILENUM=12,      / ATE
        KEYLEN=6,

        RSVD=(B,0000000000000000),

/ DEFINE 16 LINES EACH HAS 16 HEX BYTES FOR 256 BYTES TOTAL /
ATEL0=(H,00000000000000000000000000000000),
ATEL1=(H,00000000000000000000000000000000),
ATEL2=(H,00000000000000000000000000000000),
ATEL3=(H,00000000000000000000000000000000),
ATEL4=(H,00000000000000000000000000000000),
ATEL5=(H,00000000000000000000000000000000),
ATEL6=(H,00000000000000000000000000000000),
ATEL7=(H,00000000000000000000000000000000),
ATEL8=(H,00000000000000000000000000000000),
ATEL9=(H,00000000000000000000000000000000),
ATELA=(H,00000000000000000000000000000000),
ATELB=(H,00000000000000000000000000000000),
ATELC=(H,00000000000000000000000000000000),
ATELD=(H,00000000000000000000000000000000),
ATELE=(H,00000000000000000000000000000000),
ATELF=(H,00000000000000000000000000000000)
DEFEND      / ATE
    
```

## ETA

```

/ * ETA: EBCDIC TO ASCII TRANSLATION TABLE */

ETA      DEF
        RECTYPE=,
        FILENUM=13,      / ETA
        KEYLEN=6,

        RSVD=(B,0000000000000000),

/ DEFINE 16 LINES EACH HAS 16 HEX BYTES FOR 256 BYTES TOTAL /
ETAL0=(H,00000000000000000000000000000000),
ETAL1=(H,00000000000000000000000000000000),
ETAL2=(H,00000000000000000000000000000000),
ETAL3=(H,00000000000000000000000000000000),
ETAL4=(H,00000000000000000000000000000000),
ETAL5=(H,00000000000000000000000000000000),
ETAL6=(H,00000000000000000000000000000000),
ETAL7=(H,00000000000000000000000000000000),
ETAL8=(H,00000000000000000000000000000000),
ETAL9=(H,00000000000000000000000000000000),
ETALA=(H,00000000000000000000000000000000),
ETALB=(H,00000000000000000000000000000000),
ETALC=(H,00000000000000000000000000000000),
ETALD=(H,00000000000000000000000000000000),
ETALE=(H,00000000000000000000000000000000),
ETALF=(H,00000000000000000000000000000000)
DEFEND      / ETA
    
```

## MDF

```

/ * MDF: MODEM DEFINITION */

MDF      DEF
RECTYPE=,
FILENUM=14,      / MDF
KEYLEN=6,

FCIN=(TB,NO((0,NO),(1,YES))),      / 7
RSVD=(B,00),      / 6,5
DTRWIRED=(TB,YES((0,NO),(1,YES))), / 4
DSRWIRED=(TB,NO((0,NO),(1,YES))), / 3
CTSWIRED=(TB,NO((0,NO),(1,YES))), / 2
DCDWIRED=(TB,YES((0,NO),(1,YES))), / 1
RIIWIRED=(TB,NO((0,NO),(1,YES))), / 0

DIAL.ATTEMPTS=(H,00),
DTR.DELAY=(H,0032),
DSR.DELAY=(H,00C8),
CTS.DELAY=(H,0064),
DCD.DELAY=(H,0000),
MFL.DELAY=(H,0000),
DIAL.TIMEOUT=(H,0B88),
INI.DELAY=(H,0000),
    NAME=(A,''),
    INI.SEQ.1=(A,''),
    INI.SEQ.2=(A,''),
    INI.SEQ.3=(A,''),
    INI.SEQ.4=(A,''),
    AUTO.CALL=(A,''),

RSVD=(H,0000)
DEFEND      / MDF
    
```

## SDF

```

/ * SDF: SECURITY DEFINITIONS */

SDF      DEF
RECTYPE=,
FILENUM=15,      / SDF
KEYLEN=6,
CBFLY=(TB,NO((0,NO),(1,YES))),
RCM.AT.CONN=(TB,NO((0,NO),(1,YES))),
RSVD=(B,000000000000000),

SYSAC=(TB,YES((0,NO),(1,YES))),
SYSCF=(TB,YES((0,NO),(1,YES))),
EMUCF=(TB,YES((0,NO),(1,YES))),
SECCF=(TB,YES((0,NO),(1,YES))),
USRCF=(TB,YES((0,NO),(1,YES))),
UNICT=(TB,YES((0,NO),(1,YES))),
UNIDG=(TB,NO((0,NO),(1,YES))),
RSVD=(B,0),

RSVD=(H,00),

DIAL.LST=(A,''),
RCM.REF=(E,''),
TDF.REF=(E,''),
CDF.REF=(E,'')
DEFEND      / SDF
    
```

## XLT

```

/ * XLT: TRANSLATION TABLE SELECTION LIST */

XLT      DEF
RECTYPE=,
FILENUM=16,      / XLT
KEYLEN=6,
RSVD=(H,0000),  / FLAG OPTIONS

ETA0.REF=(E,' '),
ETA1.REF=(E,' '),
ETA2.REF=(E,' '),
ETA3.REF=(E,' '),
ETA4.REF=(E,' '),
ETA5.REF=(E,' '),
ETA6.REF=(E,' '),
ETA7.REF=(E,' '),

ATE0.REF=(E,' '),
ATE1.REF=(E,' '),
ATE2.REF=(E,' '),
ATE3.REF=(E,' '),
ATE4.REF=(E,' '),
ATE5.REF=(E,' '),
ATE6.REF=(E,' '),
ATE7.REF=(E,' ')

DEFEND      / XLT

```

## PWE

```

/ * PWE: PASSWORD DEFINITIONS */

PWE      DEF
RECTYPE=,
FILENUM=17,      / PWE
KEYLEN=12,
MOD.PAS=(E,' '),
SDF.REF=(E,' '),
USERNAME=(A,' '),
PHONENUM=(A,' '),
RANGE=(H,0000),
SN3AL=(A,' '),
LDV.REF=(E,' ')
DEFEND      / PWE

```

## RCM

```
 / * RCM: ROUTING CONTROL MENU * /  
  
RCM      DEF  
RECTYPE=,  
FILENUM=19,      / RCM  
KEYLEN=6,  
RSVD=(H,0000),  
DSC=(A, '      '),  
RCE.1=(E, '      '),  
RCE.2=(E, '      '),  
RCE.3=(E, '      '),  
RCE.4=(E, '      '),  
RCE.5=(E, '      '),  
RCE.6=(E, '      '),  
RCE.7=(E, '      '),  
RCE.8=(E, '      '),  
RCE.9=(E, '      '),  
RCE.10=(E, '      '),  
RCE.11=(E, '      '),  
RCE.12=(E, '      '),  
RCE.13=(E, '      '),  
RCE.14=(E, '      '),  
RCE.15=(E, '      '),  
RCE.16=(E, '      '),  
RCE.17=(E, '      '),  
RCE.18=(E, '      '),  
RCE.19=(E, '      '),  
RCE.20=(E, '      '),  
  
LDAL.0=(E, '      '),  
LDAL.1=(E, '      '),  
LDAL.2=(E, '      '),  
LDAL.3=(E, '      '),  
  
DRAL.0=(E, '      '),  
DRAL.1=(E, '      '),  
DRAL.2=(E, '      '),  
DRAL.3=(E, '      '),  
  
HNMF.0=(E, '      '),  
HNMF.1=(E, '      '),  
  
A2LN.0=(E, '      '),  
A2LN.1=(E, '      '),  
  
LPSR=(E, '      '),  
  
DEFEND      / RCM
```

## RCE

```

/ * RCE: ROUTING CONTROL ELEMENT * /

RCE      DEF
RECTYPE=,
FILENUM=20,      / RCE
KEYLEN=6,
RSVD=(H,00),
TYPE=(TB,NULL((00000000,NULL), / NULL
              (00000100,ASDR), / ASYNC DATA ROUTING
              (00001000,BNDR), / BINARY DATA ROUTING
              (00001100,PULN), / LINK TO PU
              (00010000,A2LN), / ASYNC TO LAN LINK
              (00010100,HNMF), / LINK TO HNMF
              (00011000,LPSR), / LOCAL PRINT SCREEN
              (00011100,DSPU))), / SERIAL DSPU
RANGE=(H,0000),
LDV.REF=(E,' '),
LDV.LINK=(E,' '),

DSC=(A,' '),
RTE=(A,' '),
DEFEND      / RCE

END.CONTROL.TABLE / (COLUMM SENSITIVE)

```