```
NNN        NNN  CCCCCCCCCCCC  PPPPPPPPPPPP
NNN        NNN  CCCCCCCCCCCC  PPPPPPPPPPPP
NNN        NNN  CCCCCCCCCCCC  PPPPPPPPPPPP
NNN        NNN  CCC           PPP        PPP
NNN        NNN  CCC           PPP        PPP
NNN        NNN  CCC           PPP        PPP
NNNNNN     NNN  CCC           PPP        PPP
NNNNNN     NNN  CCC           PPP        PPP
NNNNNN     NNN  CCC           PPP        PPP
NNN   NNN  NNN  CCC           PPPPPPPPPPPP
NNN    NNN NNN  CCC           PPPPPPPPPPPP
NNN    NNN NNN  CCC           PPPPPPPPPPPP
NNN    NNNNNNN  CCC           PPP
NNN     NNNNNN  CCC           PPP
NNN     NNNNNN  CCC           PPP
NNN        NNN  CCC           PPP
NNN        NNN  CCC           PPP
NNN        NNN  CCC           PPP
NNN        NNN  CCCCCCCCCCCC  PPP
NNN        NNN  CCCCCCCCCCCC  PPP
NNN        NNN  CCCCCCCCCCCC  PPP
```

NCPTABLES

LIST

```
0001  0 %TITLE 'Text Tables'
0002  0 MODULE NCPTABLES (IDENT = 'V04-000', LIST(NOOBJECT)) =
0003  1 BEGIN
0004  1
0005  1 !
0006  1 !****************************************************************
0007  1 !*                                                              *
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0024  1 !*   SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.    *
0025  1 !*                                                              *
0026  1 !*                                                              *
0027  1 !****************************************************************
0028  1 !
0029  1 !
0030  1 !++
0031  1 ! FACILITY:     Network Control Program (NCP)
0032  1 !
0033  1 ! ABSTRACT:
0034  1 !
0035  1 !     This module contain tables of status codes and text strings
0036  1 !     used for reporting error messages from NML.
0037  1 !
0038  1 ! ENVIRONMENT:  VAX/VMS Operating System
0039  1 !
0040  1 ! AUTHOR:       Darrell Duffy   , CREATION DATE: 30-October-1979
0041  1 !
0042  1 ! MODIFIED BY:
0043  1 !
0044  1 !     V03-030 PRD0091         Paul R. DeStefano       30-Mar-1984
0045  1 !             Added table for breakdown of Status and Error fields
0046  1 !             of NICE detail when return status = NMA$C_STS_OPE.
0047  1 !
0048  1 !     V03-029 PRD0084         Paul R. DeStefano       26-Mar-1984
0049  1 !             Added NMA$C_ENT_ARE to DNA entity detail table.
0050  1 !
0051  1 !     V03-028 PRD0067         Paul R. DeStefano       14-Feb-1984
0052  1 !             Change PCXP_MNS parameter to type of LITB.
0053  1 !
0054  1 !     V03-027 PRD0043         Paul R. DeStefano       05-Jan-1984
0055  1 !             Add service node version parameter.
0056  1 !
0057  1 !     V03-026 TMH0026         Tim Halvorsen           20-Jul-1983
```

```
  58        0058   1 |         Add executor alias parameter
  59        0059   1 |
  60        0060   1 | V03-025 RPG0025        Bob Grosso              17-May-1983
  61        0061   1 |         Correct CIRPOL, the Circuit Polling State table.
  62        0062   1 |
  63        0063   1 | V03-024 RPG0024        Bob Grosso              02-May-1983
  64        0064   1 |         Add decoding for PCCI_SSB and _SPY.
  65        0065   1 |
  66        0066   1 | V03-023 RPG0023        Bob Grosso              14-Mar-1983
  67        0067   1 |         Change ni addresses from type HEX to NIADR
  68        0068   1 |
  69        0069   1 | V03-022 RPG0022        Bob Grosso              18-Feb-1983
  70        0070   1 |         Add CTLIN_MBS, _MSN and CTCIR_MNE, _UBU.
  71        0071   1 |         Add Line parameter Buffer size PCLI_BSZ.
  72        0072   1 |         Add OBJECT PROXY and NODE DEFAULT PROXY type REQUIRED.
  73        0073   1 |         Add decoding for RSX and SERVER BASE specific parameters.
  74        0074   1 |         Clean up Module configurator table
  75        0075   1 |
  76        0076   1 | V03-021 RPG0021        Bob Grosso              15-Dec-1982
  77        0077   1 |         Add Line parameter Eternet Protocol Type, PCLI_EPT.
  78        0078   1 |
  79        0079   1 | V03-020 RPG0020        Bob Grosso              12-Nov-1982
  80        0080   1 |         Move area parameters, and fix a few nits.
  81        0081   1 |         Swap definition of ???TY_X25 and ???TY_LAPB.
  82        0082   1 |         Change 'maximum broadcast endnodes' to
  83        0083   1 |         'max broadcast nonrouters'.
  84        0084   1 |
  85        0085   1 | V03-019 RPG0019        Bob Grosso              06-Oct-1982
  86        0086   1 |         Change NI to Ethernet
  87        0087   1 |         Add new circuit transport types
  88        0088   1 |
  89        0089   1 | V03-018 RPG0018        Bob Grosso              10-Sep-1982
  90        0090   1 |         Change X-P channels to RNGL type, so that the channel
  91        0091   1 |         lists can be formatted on a single line.
  92        0092   1 |         Fix decoding of X25-Access password.
  93        0093   1 |
  94        0094   1 | V03-017 RPG0017        Bob Grosso              08-Sep-1982
  95        0095   1 |         Alter DTE substate coded values.  Convert some HXPS
  96        0096   1 |         to HEX.
  97        0097   1 |
  98        0098   1 | V03-016 TMH0016        Tim Halvorsen           19-Aug-1982
  99        0099   1 |         Shorten some X25-TRACE parameter descriptions so that
 100        0100   1 |         aren't truncated in the display.
 101        0101   1 |         Add new values for line protocol to table.
 102        0102   1 |
 103        0103   1 | V03-015 RPG0015        Bob Grosso              02-Aug-1982
 104        0104   1 |         Add Line mode and Line microcode dump.
 105        0105   1 |         Add X25-Protocol Max Circuits, Substate, and
 106        0106   1 |         Multi-Network Support.
 107        0107   1 |         Add X25-Server State add Object filespec.
 108        0108   1 |
 109        0109   1 | V03-014 RPG0014        Bob Grosso              14-Jul-1982
 110        0110   1 |         Add MODULE X25-Trace.  Add NODE TYPEs AREA and
 111        0111   1 |         ROUTING IV and NONROUTING IV.
 112        0112   1 |
 113        0113   1 | V03-013 RPG0013        Bob Grosso              05-Jul-1982
 114        0114   1 |         Add NI support for Nodes and Lines.
```

```
115    0115   1 |       Add CTNOD_ZER to node counter table, which worked
116    0116   1 |       by accident before the counters table was split up.
117    0117   1 |
118    0118   1 |   V03-012 RPG0012        Bob Grosso             23-Jun-1982
119    0119   1 |       Add X25 support.
120    0120   1 |       Break up tbl_prm_counter into tables by entities.
121    0121   1 |       Add new QUERY_STATES_S macro to allow for more flexible
122    0122   1 |       prompting with MODULE entity.
123    0123   1 |
124    0124   1 |   V011    TMH0011        Tim Halvorsen   10-May-1982
125    0125   1 |       Add Ethernet circuit parameters, DRT, MRT, RPR.
126    0126   1 |       Add EXECUTOR SUBADDRESSES parameter.
127    0127   1 |
128    0128   1 |   V010    TMH0010        Tim Halvorsen   20-Jan-1982
129    0129   1 |       Add VER and XPT circuit parameters.
130    0130   1 |
131    0131   1 |   V009    TMH0009        Tim Halvorsen   31-Dec-1981
132    0132   1 |       Add DMF as a service device.
133    0133   1 |       Replace PCL counters with new counter definitions.
134    0134   1 |
135    0135   1 |   V008    TMH0008        Tim Halvorsen   17-Dec-1981
136    0136   1 |       Add text for LINK REMOTE ID parameter.
137    0137   1 |       Add executor default proxy, node and object proxy.
138    0138   1 |
139    0139   1 |   V007    TMH0007        Tim Halvorsen   11-Nov-1981
140    0140   1 |       Add circuit source type for logging.
141    0141   1 |
142    0142   1 |   V006    TMH0006        Tim Halvorsen   22-Oct-1981
143    0143   1 |       Fix the spelling on some messages.
144    0144   1 |       Add executor default access and node access
145    0145   1 |
146    0146   1 |   V005    LMK0005        Len Kawell      27-Sep-1981
147    0147   1 |       Modify text for V3.0.
148    0148   1 |
149    0149   1 |   V004    TMH0004        Tim Halvorsen   25-Aug-1981
150    0150   1 |       Add new link parameters.
151    0151   1 |
152    0152   1 |   V003    TMH0003        Tim Halvorsen   11-Aug-1981
153    0153   1 |       Add detail table describing VMS entities (NMA$C_SENT_xxx)
154    0154   1 |
155    0155   1 |   V002    TMH0002        Tim Halvorsen   07-Jul-1981
156    0156   1 |       Add LINE CLOCK and rename 'maximum blocks' to 'maximum
157    0157   1 |       transmits'.  Fix numeric values for circuit polling state.
158    0158   1 |       Add PCL11-B line counters.
159    0159   1 |       Change NODE MAXIMUM LINES to MAXIMUM CIRCUITS.
160    0160   1 |       Change NODE SERVICE LINE to SERVICE CIRCUIT.
161    0161   1 |       Change NODE LINE (loop line) to CIRCUIT.
162    0162   1 |
163    0163   1 |   V001    TMH0001        Tim Halvorsen   22-Jun-1981
164    0164   1 |       Add parameter text strings for new V2.2 parameters.
165    0165   1 |--
```

NCPTABLES   Text Tables   C 12
V04-000   Definitions   16-Sep-1984 01:49:58   VAX-11 Bliss-32 V4.0-742   Page 4
                                            14-Sep-1984 12:48:33   [NCP.SRC]NCPTABLES.B32;1   (2)

```
167    0166  1 %SBTTL  'Definitions'
168    0167  1
169    0168  1 !
170    0169  1 !  INCLUDE FILES:
171    0170  1 !
172    0171  1
173    0172  1 LIBRARY 'LIB$:NMALIBRY';
174    0173  1 LIBRARY 'LIB$:NCPLIBRY';
```

NCPTABLES   Text Tables   D 12
V04-000   Macros to Build Tables   16-Sep-1984 01:49:58   VAX-11 Bliss-32 V4.0-742   Page 5
                                          14-Sep-1984 12:48:33   [NCP.SRC]NCPTABLES.B32;1   (3)

```
  176        0174   1  %SBTTL  'Macros to Build Tables'
  177        0175   1
  178        0176   1  !
  179        0177   1  !    Macro to build code tables
  180        0178   1  !
  181        0179   1  !
  182        0180   1  !
  183        0181   1  !          $NCP_BLDTBL (CLS, COD, TXT ... )
  184        0182   1  !
  185        0183   1  !    CLS      Name of table is NCP$GA_TBL_cls
  186        0184   1  !    COD      Value for code word in search
  187        0185   1  !    TXT      Text string to associate with COD
  188        0186   1  !
  189        0187   1
  190        0188   1  MACRO
  191      M 0189   1          $NCP_BLDTBL (CLS) =
  192      M 0190   1
  193      M 0191   1  PSECT   GLOBAL = $NCP_TABLES;              ! Build global name for table
  194      M 0192   1  GLOBAL
  195      M 0193   1          %NAME ('NCP$GA_TBL_', CLS) : VECTOR [0]
  196      M 0194   1          ;
  197      M 0195   1
  198      M 0196   1  PSECT   GLOBAL = $GLOBAL$;                 ! Set it back
  199      M 0197   1  PSECT   OWN = $NCP_TABLES;                 ! Build table with own data
  200      M 0198   1  SWITCHES UNAMES;                          ! Object listing we can follow
  201      M 0199   1
  202      M 0200   1          $NCP_TBLS (%REMAINING)            ! Build table entries
  203      M 0201   1
  204      M 0202   1  OWN
  205      M 0203   1          TBL_COD : WORD ALIGN (0) INITIAL (-1)    ! End table with -1 code word
  206      M 0204   1          ;
  207      M 0205   1  UNDECLARE TBL_COD;                        ! Get rid of old symbol
  208      M 0206   1  SWITCHES NOUNAMES;                        ! In general we dont want this
  209      M 0207   1  PSECT   OWN = $OWN$;                      ! Set the psect back for own
  210        0208   1          %;
  211        0209   1
  212        0210   1  !
  213        0211   1  !    Build one entry of the table (for all the entries)
  214        0212   1  !
  215        0213   1  MACRO
  216        0214   1  MACRO
  217      M 0215   1          $NCP_TBLS [COD, TXT] =            ! Loop to build all the codes
  218      M 0216   1
  219      M 0217   1  OWN                                      ! In the own to control placement
  220      M 0218   1          TBL_COD : WORD ALIGN (0) INITIAL (COD), ! The code word
  221      M 0219   1          TBL_TXT : WORD ALIGN (0)         ! Word offset to the text
  222      M 0220   1                 INITIAL (UPLIT BYTE (%ASCIC TXT) - TBL_TXT)
  223      M 0221   1          ;
  224        0222   1
  225      M 0223   1  UNDECLARE TBL_COD, TBL_TXT;              ! Get rid of symbols for reuse
  226        0224   1          %;
```

```
228    0225  1  !
229    0226  1  !
230    0227  1  !              Macro to build parameter text tables
231    0228  1  !
232    0229  1
233    0230  1  MACRO
234  M 0231  1          $NCP_PRMTBL (CLS) =
235  M 0232  1
236  M 0233  1  PSECT   GLOBAL = $NCP_TABLES;                        ! Define the name of the table
237  M 0234  1  GLOBAL
238  M 0235  1          %NAME ('NCP$GA_PRM_', CLS) : VECTOR [0] ! Name has no size
239  M 0236  1          ;
240  M 0237  1
241  M 0238  1  PSECT   GLOBAL = $GLOBAL$;                           ! Set this one back
242  M 0239  1  PSECT   OWN = $NCP_TABLES;                           ! Build with own for no global
243  M 0240  1  SWITCHES UNAMES;                                     ! Pretty listings
244    0241  1
245  M 0242  1          $NCP_PRMS (%REMAINING)                       ! Build all the entries
246    0243  1
247  M 0244  1  OWN                                                  ! Cap things off
248  M 0245  1          PRM_ID : WORD ALIGN (0) INITIAL (-1),
249  M 0246  1          PRM_TYP : BYTE INITIAL (-1)
250    0247  1          ;
251    0248  1
252  M 0249  1  UNDECLARE PRM_ID, PRM_TYP;                           ! Remove the names
253  M 0250  1  SWITCHES NOUNAMES;                                   ! Reset pretty listings
254  M 0251  1  PSECT OWN = $OWN$;                                   ! Reset the psect
255    0252  1
256    0253  1          %;
257    0254  1
258    0255  1  MACRO
259  M 0256  1          $NCP_PRMS [ID, TYP, LST, TXT] =
260    0257  1
261  M 0258  1  %IF NOT %NULL (LST)                                  ! If we have a list entry
262  M 0259  1  %THEN
263  M 0260  1      %IF NOT %DECLARED (LST)                          ! If its not declared
264  M 0261  1      %THEN                                           ! Its coming along later
265  M 0262  1              FORWARD LST : VECTOR [0];                ! Correct attributes
266  M 0263  1      %FI
267  M 0264  1  %FI
268  M 0265  1
269  M 0266  1  OWN                                                  ! Build one table entry
270  M 0267  1          PRM_ID  : WORD ALIGN (0) INITIAL (%NAME ('NMA$C_',ID) ),
271  M 0268  1          PRM_TYP : BYTE INITIAL (%NAME ('PBK$K_',TYP) ),
272  M 0269  1          PRM_LST : WORD ALIGN (0)
273  M 0270  1                          %IF NOT %NULL (LST)
274  M 0271  1                          %THEN INITIAL ( (LST) - PRM_LST)
275  M 0272  1                          %ELSE INITIAL (0)
276  M 0273  1                          %FI
277  M 0274  1
278  M 0275  1          PRM_TXT : WORD ALIGN (0)
279  M 0276  1                          INITIAL ( (UPLIT BYTE (%ASCIC TXT) ) - PRM_TXT)
280  M 0277  1          ;
281  M 0278  1
282  M 0279  1  UNDECLARE                                            ! Remove the symbols
283  M 0280  1          PRM_ID, PRM_TYP, PRM_LST, PRM_TXT
284  M 0281  1          ;
```

```
; 285       M 0282 1
; 286         0283 1          %;
```

```
  288      0284  1
  289      0285  1 !
  290      0286  1 !              Macro to build counted string lists
  291      0287  1 !
  292      0288  1
  293      0289  1 MACRO
  294      0290  1
  295   M  0291  1          $NCP_BLDLST (CLS) =                ! List is a string of ascic strings
  296   MM 0292  1 GLOBAL BIND
  297   MM 0293  1
  298   MM 0294  1          %NAME ('NCP$GA_LST_', CLS) =       ! Form of the name
  299   MM 0295  1
  300   MM 0296  1          UPLIT BYTE
  301   MM 0297  1          (
  302   MM 0298  1          $NCP_LST (%REMAINING)
  303   MM 0299  1          ,BYTE (0)
  304   MM 0300  1          )
  305   MM 0301  1          ;
  306   MM 0302  1
  307   M  0303  1
  308      0304  1 %,
  309      0305  1
  310   M  0306  1          $NCP_LST [ITEM] =
  311   M  0307  1
  312   MM 0308  1          %ASCIC ITEM
  313   M  0309  1
  314      0310  1 %
  315      0311  1 ;
```

```
  317        0312   1  %SBTTL  'Status Code Tables'
  318        0313   1  !
  319        0314   1  !
  320        0315   1  !      Define the psects to hold the data
  321        0316   1  !
  322        0317   1
  323        0318   1
  324        0319   1      PSECT GLOBAL = $NCP_TABLES (NOWRITE, ALIGN (2) );
  325        0320   1      PSECT PLIT   = $NCP_TABLE_PLIT (NOWRITE, ALIGN (2) );
  326        0321   1
  327        0322   1  !
  328        0323   1  !      Build NML status tables
  329        0324   1  !
  330        0325   1
  331     P  0326   1      $NCP_BLDTBL
  332     P  0327   1
  333     P  0328   1      (NMLSTS,
  334     P  0329   1
  335     P  0330   1
  336     P  0331   1      NMA$C_STS_SUC AND 255, 'Success',
  337     P  0332   1      NMA$C_STS_MOR AND 255, 'Request accepted, more to come',
  338     P  0333   1      NMA$C_STS_PAR AND 255, 'Partial reply',
  339     P  0334   1      NMA$C_STS_DON AND 255, 'Done',
  340     P  0335   1      NMA$C_STS_FUN AND 255, 'Unrecognized function or option',
  341     P  0336   1      NMA$C_STS_INV AND 255, 'Invalid message format',
  342     P  0337   1      NMA$C_STS_PRI AND 255, 'Privilege violation',
  343     P  0338   1      NMA$C_STS_SIZ AND 255, 'Oversized management command message',
  344     P  0339   1      NMA$C_STS_MPR AND 255, 'Network management program error',
  345     P  0340   1      NMA$C_STS_PTY AND 255, 'Unrecognized parameter type',
  346     P  0341   1      NMA$C_STS_MVE AND 255, 'Incompatible management version',
  347     P  0342   1      NMA$C_STS_CMP AND 255, 'Unrecognized component',
  348     P  0343   1      NMA$C_STS_IDE AND 255, 'Invalid identification format',
  349     P  0344   1      NMA$C_STS_LCO AND 255, 'Line communication error',
  350     P  0345   1      NMA$C_STS_STA AND 255, 'Component in wrong state',
  351     P  0346   1      NMA$C_STS_FOP AND 255, 'File open error',
  352     P  0347   1      NMA$C_STS_FCO AND 255, 'Invalid file contents',
  353     P  0348   1      NMA$C_STS_RES AND 255, 'Resource error',
  354     P  0349   1      NMA$C_STS_PVA AND 255, 'Invalid parameter value',
  355     P  0350   1      NMA$C_STS_LPR AND 255, 'Line protocol error',
  356     P  0351   1      NMA$C_STS_FIO AND 255, 'File I/O error',
  357     P  0352   1      NMA$C_STS_MLD AND 255, 'Mirror link disconnected',
  358     P  0353   1      NMA$C_STS_ROO AND 255, 'No room for new entry',
  359     P  0354   1      NMA$C_STS_MCF AND 255, 'Mirror connect failed',
  360     P  0355   1      NMA$C_STS_PNA AND 255, 'Parameter not applicable',
  361     P  0356   1      NMA$C_STS_PLO AND 255, 'Parameter value too long',
  362     P  0357   1      NMA$C_STS_HAR AND 255, 'Hardware failure',
  363     P  0358   1      NMA$C_STS_OPE AND 255, 'Operation failure',
  364     P  0359   1      NMA$C_STS_SYS AND 255, 'System-specific management function not supported',
  365     P  0360   1      NMA$C_STS_PGP AND 255, 'Invalid parameter grouping',
  366     P  0361   1      NMA$C_STS_BLR AND 255, 'Bad loopback response',
  367     P  0362   1      NMA$C_STS_PMS AND 255, 'Parameter missing',
  368     P  0363   1      NMA$C_STS_ALI AND 255, 'Invalid alias identification',
  369     P  0364   1      NMA$C_STS_OBJ AND 255, 'Invalid object identification',
  370     P  0365   1      NMA$C_STS_PRO AND 255, 'Invalid process identification',
  371     P  0366   1      NMA$C_STS_LNK AND 255, 'Invalid link identification',
  372     P  0367   1
  373        0368   1      )
```

```
 375        0369  1
 376        0370  1  !
 377        0371  1  !     Error details
 378        0372  1
 379        0373  1
 380        0374  1  !
 381        0375  1  !     STS_FOP and STS_FIO
 382        0376  1
 383        0377  1
 384      P 0378  1        $NCP_BLDTBL
 385      P 0379  1
 386      P 0380  1        (FOPDTL,
 387      P 0381  1
 388      P 0382  1        NMA$C_FOPDTL_PDB, 'Permanent database',
 389      P 0383  1        NMA$C_FOPDTL_LFL, 'Load file',
 390      P 0384  1        NMA$C_FOPDTL_DFL, 'Dump file',
 391      P 0385  1        NMA$C_FOPDTL_SLF, 'Secondary loader',
 392      P 0386  1        NMA$C_FOPDTL_TLF, 'Tertiary loader',
 393      P 0387  1        NMA$C_FOPDTL_SDF, 'Secondary dumper',
 394      P 0388  1
 395        0389  1        )
 396        0390  1
 397        0391  1  !
 398        0392  1  !     STS_MLD, STS_MCF
 399        0393  1  !
 400        0394  1
 401      P 0395  1        $NCP_BLDTBL
 402      P 0396  1
 403      P 0397  1        (NCEDTL,
 404      P 0398  1
 405      P 0399  1        NMA$C_NCEDTL_NNA, 'No node name set',
 406      P 0400  1        NMA$C_NCEDTL_INN, 'Invalid node name format',
 407      P 0401  1        NMA$C_NCEDTL_UNA, 'Unrecognized node name',
 408      P 0402  1        NMA$C_NCEDTL_UNR, 'Node unreachable',
 409      P 0403  1        NMA$C_NCEDTL_RSC, 'Network resources',
 410      P 0404  1        NMA$C_NCEDTL_RJC, 'Rejected by object',
 411      P 0405  1        NMA$C_NCEDTL_ONA, 'Invalid object name format',
 412      P 0406  1        NMA$C_NCEDTL_OBJ, 'Unrecognized object',
 413      P 0407  1        NMA$C_NCEDTL_ACC, 'Access control rejected',
 414      P 0408  1        NMA$C_NCEDTL_BSY, 'Object too busy',
 415      P 0409  1        NMA$C_NCEDTL_NRS, 'No response from object',
 416      P 0410  1        NMA$C_NCEDTL_NSD, 'Node shut down',
 417      P 0411  1        NMA$C_NCEDTL_DIE, 'Node or object failed',
 418      P 0412  1        NMA$C_NCEDTL_DIS, 'Disconnect by object',
 419      P 0413  1        NMA$C_NCEDTL_ABO, 'Abort by object',
 420      P 0414  1        NMA$C_NCEDTL_ABM, 'Abort by management',
 421      P 0415  1
 422        0416  1        )
```

```
424        0417  1
425        0418  1 !
426        0419  1 !        Details for STS_CMP, STS_IDE, STS_STA
427        0420  1 !
428        0421  1
429     P  0422  1          $NCP_BLDTBL
430     P  0423  1
431     P  0424  1          (ENTDTL,
432     P  0425  1
433     P  0426  1          NMA$C_ENT_NOD, 'Node',
434     P  0427  1          NMA$C_ENT_LIN, 'Line',
435     P  0428  1          NMA$C_ENT_LOG, 'Logging',
436     P  0429  1          NMA$C_ENT_CIR, 'Circuit',
437     P  0430  1          NMA$C_ENT_MOD, 'Module',
438     P  0431  1          NMA$C_ENT_ARE, 'Area',
439        0432  1          )
440        0433  1
441     P  0434  1          $NCP_BLDTBL
442     P  0435  1
443     P  0436  1          (VMSENTDTL,
444     P  0437  1
445     P  0438  1          NMA$C_ENT_NOD, 'Node',
446     P  0439  1          NMA$C_ENT_LIN, 'Line',
447     P  0440  1          NMA$C_ENT_LOG, 'Logging',
448     P  0441  1          NMA$C_SENT_OBJ, 'Object',
449     P  0442  1          NMA$C_SENT_LNK, 'Link'
450        0443  1          )
451        0444  1
452        0445  1 !
453        0446  1 !        Details STS_OPE
454        0447  1 !
455        0448  1
456     P  0449  1          $NCP_BLDTBL
457     P  0450  1
458     P  0451  1          (OPEDTL,
459     P  0452  1
460     P  0453  1          NMA$C_OPEDTL_DCH, 'data check',                      ! Status field bits
461     P  0454  1          NMA$C_OPEDTL_TIM, 'timeout',
462     P  0455  1          NMA$C_OPEDTL_ORN, 'data overrun',
463     P  0456  1          NMA$C_OPEDTL_ACT, 'unit is active',
464     P  0457  1          NMA$C_OPEDTL_BAF, 'buffer allocation failure',
465     P  0458  1          NMA$C_OPEDTL_RUN, 'protocol running'
466     P  0459  1          NMA$C_OPEDTL_DSC, 'line disconnected',
467     P  0460  1          NMA$C_OPEDTL_FTL, 'fatal hardware error',            ! Error field bits
468     P  0461  1          NMA$C_OPEDTL_MNT, 'DDCMP maintainance message received',
469     P  0462  1          NMA$C_OPEDTL_LST, 'data lost due to buffer size mismatch',
470     P  0463  1          NMA$C_OPEDTL_THR, 'threshold error',
471     P  0464  1          NMA$C_OPEDTL_TRB, 'tributary malfunction',
472     P  0465  1          NMA$C_OPEDTL_STA, 'DDCMP start message received',
473        0466  1          )
474        0467  1
475        0468  1
```

```
477          0469  1  %SBTTL  'Parameter Text Tables'
478          0470  1
479          0471  1  !
480          0472  1  !      Area
481          0473  1  !
482          0474  1
483        P 0475  1          $NCP_PRMTBL
484        P 0476  1          (ARE,
485        P 0477  1
486        P 0478  1          PCAR_STA, LITB, NCP$GA_TBL_NODSTA,        'State',
487        P 0479  1          PCAR_COS, NUMW,              ;            'Cost',
488        P 0480  1          PCAR_HOP, NUMB,              ;            'Hops',
489        P 0481  1          PCAR_CIR, TKN,               ;            'Circuit',
490        P 0482  1          PCAR_NND, NADR,              ;            'Next node to area',
491        P 0483  1
492          0484  1          )
```

```
494      0485  1 !
495      0486  1 !      circuit
496      0487  1 !
497      0488  1
498    P 0489  1        $NCP_PRMTBL
499    P 0490  1        (CIR,
500    P 0491  1
501    P 0492  1        PCCI_STA, LITB, NCP$GA_TBL_LINSTA,      'State',
502    P 0493  1        PCCI_SUB, LITB, NCP$GA_TBL_LINSUB,      'Substate',
503    P 0494  1        PCCI_SER, LITB, NCP$GA_TBL_LINSVC,      'Service',
504    P 0495  1        PCCI_LCT, NUMW,        ,                'Counter timer',
505    P 0496  1        PCCI_CNO, NADR,        ,                'Connected node',
506    P 0497  1 !      PCCI_COB, ????,        ,                'Connected object',
507    P 0498  1        PCCI_LOO, TKN,         ,                'Loopback name',
508    P 0499  1        PCCI_ADJ, NADR,        ,                'Adjacent node',
509    P 0500  1        PCCI_DRT, NADR,        ,                'Designated router',
510    P 0501  1        PCCI_BLO, NUMW,        ,                'Block size',
511    P 0502  1        PCCI_COS, NUMB,        ,                'Cost',
512    P 0503  1        PCCI_MRT, NUMB,        ,                'Maximum routers allowed',
513    P 0504  1        PCCI_RPR, NUMB,        ,                'Router priority',
514    P 0505  1        PCCI_HET, NUMW,        ,                'Hello timer',
515    P 0506  1        PCCI_LIT, NUMW,        ,                'Listen timer',
516    P 0507  1        PCCI_BLK, LITB, NCP$GA_TBL_CIRBLK,      'Blocking',
517    P 0508  1        PCCI_MRC, NUMW,        ,                'Maximum recalls',
518    P 0509  1        PCCI_RCT, NUMW,        ,                'Recall timer',
519    P 0510  1        PCCI_NUM, TKN,         ,                'Number',
520    P 0511  1        PCCI_USR, ENT,         ,                'User',
521    P 0512  1        PCCI_POL, LITB, NCP$GA_TBL_CIRPOL,      'Polling state',
522    P 0513  1        PCCI_PLS, LITB, NCP$GA_TBL_CIRPLS,      'Polling substate',
523    P 0514  1        PCCI_OWN, ENT,         ,                'Owner',
524    P 0515  1        PCCI_LIN, TKN,         ,                'Line',
525    P 0516  1        PCCI_USE, LITB, NCP$GA_TBL_CIRUSE,      'Usage',
526    P 0517  1        PCCI_TYP, LITB, NCP$GA_TBL_CIRTYP,      'Type',
527    P 0518  1        PCCI_DTE, TKN,         ,                'DTE',
528    P 0519  1        PCCI_CHN, NUMW,        ,                'Channel',
529    P 0520  1        PCCI_MBL, NUMW,        ,                'Maximum data',
530    P 0521  1        PCCI_MWI, NUMB,        ,                'Maximum window',
531    P 0522  1        PCCI_TRI, NUMB,        ,                'Tributary',
532    P 0523  1        PCCI_BBT, NUMW,        ,                'Babble timer',
533    P 0524  1        PCCI_TRT, NUMW,        ,                'Transmit timer',
534    P 0525  1        PCCI_MRB, NUMB,        ,                'Maximum buffers',
535    P 0526  1        PCCI_MTR, NUMB,        ,                'Maximum transmits',
536    P 0527  1        PCCI_ACB, NUMB,        ,                'Active base',
537    P 0528  1        PCCI_ACI, NUMB,        ,                'Active increment',
538    P 0529  1        PCCI_IAB, NUMB,        ,                'Inactive base',
539    P 0530  1        PCCI_IAI, NUMB,        ,                'Inactive increment',
540    P 0531  1        PCCI_IAT, NUMB,        ,                'Inactive threshold',
541    P 0532  1        PCCI_DYB, NUMB,        ,                'Dying base',
542    P 0533  1        PCCI_DYI, NUMB,        ,                'Dying increment',
543    P 0534  1        PCCI_DYT, NUMB,        ,                'Dying threshold',
544    P 0535  1        PCCI_DTH, NUMB,        ,                'Dead threshold',
545    P 0536  1
546    P 0537  1        PCCI_VER, LITB, NCP$GA_TBL_CIRVER,      'Verification',
547    P 0538  1        PCCI_XPT, LITB, NCP$GA_TBL_CIRXPT,      'Transport type',
548    P 0539  1        PCCI_SSB, LITB, NCP$GA_TBL_LINSUB,      'Service substate',
549    P 0540  1        PCCI_SPY, NIADR,       ,                'Service physical address',
550    P 0541  1
```

```
  551      P 0542  1      !
  552      P 0543  1      ! RSX-specific circuit parameters
  553      P 0544  1      !
  554      P 0545  1      PCCI_RSX_MAC, HIGH,        ,              'Multipoint active ratio',
  555      P 0546  1      PCCI_RSX_LOG, HIGH,        ;              'Logical name',
  556      P 0547  1      PCCI_RSX_DLG, HIGH,        ;              'Designated name',
  557      P 0548  1      PCCI_RSX_ACT, HIGH,        ;              'Actual name',
  558      P 0549  1
  559      P 0550  1      !
  560      P 0551  1      ! Server Base specific Circuit parameters
  561      P 0552  1      !
  562      P 0553  1      PCCI_SRV_LOG, HIGH,        ;              'Logical name',
  563      P 0554  1      PCCI_SRV_DLG, HIGH,        ;              'Designated name',
  564      P 0555  1      PCCI_SRV_ACT, HIGH,        ;              'Actual name',
  565      P 0556  1
  566        0557  1      )
```

```
  568        0558   1
  569        0559   1  !
  570        0560   1  !        line
  571        0561   1  !
  572        0562   1
  573      P 0563   1           $NCP_PRMTBL
  574      P 0564   1           (LIN,
  575      P 0565   1
  576      P 0566   1           PCLI_STA, LITB, NCP$GA_TBL_LINSTA,      'State',
  577      P 0567   1           PCLI_SUB, LITB, NCP$GA_TBL_LINSUB,      'Substate',
  578      P 0568   1           PCLI_SER, LITB, NCP$GA_TBL_LINSVC,      'Service',
  579      P 0569   1           PCLI_LCT, NUMW,                 ;       'Counter timer',
  580      P 0570   1           PCLI_LOO, TKN,                  ;       'Loopback name',
  581      P 0571   1           PCLI_ADJ, NADR,                 ;       'Adjacent node',
  582      P 0572   1           PCLI_BLO, NUMW,                 ;       'Block size',
  583      P 0573   1           PCLI_COS, NUMB,                 ;       'Cost',
  584      P 0574   1           PCLI_DEV, TKN,                  ;       'Device'
  585      P 0575   1           PCLI_PRO, LITB, NCP$GA_TBL_LINPRO,      'Protocol',
  586      P 0576   1           PCLI_DUP, LITB, NCP$GA_TBL_LINDPX,      'Duplex'
  587      P 0577   1           PCLI_CON, LITB, NCP$GA_TBL_LINCTL,      'Controller',
  588      P 0578   1           PCLI_CLO, LITB, NCP$GA_TBL_LINCLO,      'Clock',
  589      P 0579   1  !        PCLI_LTY, LITB, NCP$GA_TBL_LINTYP,      'Type',
  590      P 0580   1           PCLI_STI, NUMW,                 ;       'Service timer',
  591      P 0581   1           PCLI_NTI, NUMW,                 ;       'Retransmit timer',
  592      P 0582   1           PCLI_HTI, NUMW,                 ;       'Holdback timer',
  593      P 0583   1           PCLI_MBL, NUMW,                 ;       'Maximum block',
  594      P 0584   1           PCLI_MRT, NUMB,                 ;       'Maximum retransmits',
  595      P 0585   1           PCLI_MWI, NUMB,                 ;       'Maximum window',
  596      P 0586   1           PCLI_TRI, NUMB,                 ;       'Tributary address',
  597      P 0587   1           PCLI_SLT, NUMW,                 ;       'Scheduling timer',
  598      P 0588   1           PCLI_DDT, NUMW,                 ;       'Dead timer',
  599      P 0589   1           PCLI_DLT, NUMW,                 ;       'Delay timer',
  600      P 0590   1           PCLI_SRT, NUMW,                 ;       'Stream timer',
  601      P 0591   1           PCLI_HWA, NIADR,                ;       'Hardware address',
  602      P 0592   1           PCLI_BFN, NUMW,                 ;       'Receive buffers',
  603      P 0593   1
  604      P 0594   1           PCLI_MCD, TKN,                          'Micro-code dump file',
  605      P 0595   1           PCLI_XMD, LITB, NCP$GA_TBL_LINMOD,      'X25 line mode',
  606      P 0596   1           PCLI_EPT, NUMW,                 ;       'Ethernet protocol type',
  607      P 0597   1           PCLI_BSZ, NUMW,                 ;       'Buffer size',
  608      P 0598   1
  609      P 0599   1           !
  610      P 0600   1           ! RSX-specific line parameters
  611      P 0601   1           !
  612      P 0602   1           PCLI_RSX_OWN, HIGH,             ;       'Owner'
  613      P 0603   1           PCLI_RSX_CCS, HIGH,             ;       'Controller CSR',
  614      P 0604   1           PCLI_RSX_UCS, HIGH,             ;       'Unit CSR',
  615      P 0605   1           PCLI_RSX_VEC, HIGH,             ;       'Vector',
  616      P 0606   1           PCLI_RSX_PRI, HIGH,             ;       'Priority'
  617      P 0607   1           PCLI_RSX_MDE, HIGH,             ;       'Dead polling ratio',
  618      P 0608   1           PCLI_RSX_LLO, LITB, NCP$GA_TBL_LINLOC,  'Location',
  619      P 0609   1           PCLI_RSX_LOG, HIGH,             ;       'Logical name',
  620      P 0610   1           PCLI_RSX_DLG, HIGH,             ;       'Designated name',
  621      P 0611   1           PCLI_RSX_ACT, HIGH,             ;       'Actual name',
  622      P 0612   1
  623      P 0613   1           !
  624      P 0614   1           !        Server Base specific line parameters
```

```
:  625    P 0615 1        !
:  626    P 0616 1          PCLI_SRV_OWN, HIGH,        ;          'Owner',
:  627    P 0617 1          PCLI_SRV_UCS, HIGH,        ;          'Unit CSR',
:  628    P 0618 1          PCLI_SRV_VEC, HIGH,        ;          'Vector',
:  629    P 0619 1          PCLI_SRV_PRI, HIGH,        ;          'Priority',
:  630    P 0620 1          PCLI_SRV_LOG, HIGH,        ;          'Logical name',
:  631    P 0621 1          PCLI_SRV_DLG, HIGH,        ;          'Designated name',
:  632    P 0622 1          PCLI_SRV_ACT, HIGH,        ;          'Actual name',
:  633    P 0623 1
:  634      0624 1                  )
```

```
636        0625   1  !
637        0626   1  !
638        0627   1  !    logging
639        0628   1  !
640        0629   1
641    P   0630   1       $NCP_PRMTBL
642    P   0631   1       (LOG,
643    P   0632   1
644    P   0633   1       PCLO_STA, LITB, NCP$GA_TBL_LOGSTA,        'State',
645    P   0634   1       PCLO_LNA, TKN,                  ;         'Name',
646    P   0635   1       PCLO_SIN, NADR,                 ;         'Sink node',
647    P   0636   1       PCLO_EVE, ESET,                 ;         'Events',
648    P   0637   1
649        0638   1       )
```

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```
: 651     0639 1
: 652     0640 1 !
: 653     0641 1 !   module X25-Access
: 654     0642 1 !
: 655     0643 1
: 656   P 0644 1     $NCP_PRMTBL
: 657   P 0645 1     (MODACC,
: 658   P 0646 1
: 659   P 0647 1     PCXA_NET, TKN,              ;              'Network',
: 660   P 0648 1     PCXA_NOD, NADR,             ;              'Node',
: 661   P 0649 1     PCXA_USR, TKN,              ;              'User',
: 662   P 0650 1     PCXA_PSW, LITB, NCP$GA_TBL_MSEPAS,         'Password',
: 663   P 0651 1     PCXA_ACC, TKN,              ;              'Account',
: 664   P 0652 1
: 665   P 0653 1     !
: 666   P 0654 1     ! RSX-specific X.25-Access module parameters
: 667   P 0655 1     !
: 668   P 0656 1     PCXA_RSX_ADS, HIGH,         ;              'Destination',
: 669   P 0657 1     PCXA_RSX_ANB, HIGH,         :              'Number',
: 670   P 0658 1     PCXA_RSX_ASC, HIGH,         :              'Scope',
: 671   P 0659 1
: 672   P 0660 1     !
: 673   P 0661 1     ! Server Base specific X.25-Access module parameters
: 674   P 0662 1     !
: 675   P 0663 1     PCXA_SRV_ADS, HIGH,         :              'Destination',
: 676   P 0664 1     PCXA_SRV_ANB, HIGH,         :              'Number',
: 677   P 0665 1     PCXA_SRV_ASC, HIGH,         :              'Scope',
: 678   P 0666 1
: 679     0667 1     )
```

```
 681        0668   1 !
 682        0669   1 !
 683        0670   1 !    module X25 Protocol
 684        0671   1 !
 685        0672   1
 686      P 0673   1          $NCP_PRMTBL
 687      P 0674   1          (MODPRO,
 688      P 0675   1
 689      P 0676   1          PCXP_STA, LITB, NCP$GA_TBL_MPRSTA,      'State',
 690      P 0677   1          PCXP_CTM, NUMW,                  .      'Counter timer',
 691      P 0678   1          PCXP_ACH, NUMW,                  .      'Active channels',
 692      P 0679   1          PCXP_ASW, NUMW,                  .      'Active switched',
 693      P 0680   1          PCXP_DTE, TKN,                   .      'DTE',
 694      P 0681   1          PCXP_GRP, TKN,                   .      'Group'
 695      P 0682   1          PCXP_NET, TKN,                   .      'Network',
 696      P 0683   1          PCXP_LIN, TKN,                   .      'Line',
 697      P 0684   1          PCXP_CHN, RNGL,                  .      'Channels'
 698      P 0685   1          PCXP_MCH, NUMW,                  .      'Maximum channels',
 699      P 0686   1          PCXP_DBL, NUMW,                  .      'Default data',
 700      P 0687   1          PCXP_DWI, NUMB,                  .      'Default window',
 701      P 0688   1          PCXP_MBL, NUMW,                  .      'Maximum data',
 702      P 0689   1          PCXP_MWI, NUMB,                  .      'Maximum window',
 703      P 0690   1          PCXP_MCL, NUMB,                  .      'Maximum clears',
 704      P 0691   1          PCXP_MRS, NUMB,                  .      'Maximum resets',
 705      P 0692   1          PCXP_MST, NUMB,                  .      'Maximum restarts',
 706      P 0693   1          PCXP_CAT, NUMB,                  .      'Call timer'
 707      P 0694   1          PCXP_CLT, NUMB,                  .      'Clear timer',
 708      P 0695   1          PCXP_RST, NUMB,                  .      'Reset timer',
 709      P 0696   1          PCXP_STT, NUMB,                  .      'Restart timer',
 710      P 0697   1          PCXP_GDT, TKN,                   .      'DTE',
 711      P 0698   1          PCXP_GNM, NUMW,                  .      'Number',
 712      P 0699   1          PCXP_GTY, LITB, NCP$GA_TBL_MPRTYP,      'Type',
 713      P 0700   1
 714      P 0701   1          PCXP_MNS, LITB, NCP$GA_TBL_MPRMNS,      'Multi-Network support',
 715      P 0702   1          PCXP_MCI, NUMW,                  .      'Maximum circuits',
 716      P 0703   1
 717      P 0704   1 !
 718      P 0705   1 !        RSX-specific X.25-Protocol Module parameters
 719      P 0706   1 !
 720      P 0707   1          PCXP_RSX_PMC, HIGH,       .             'Maximum circuits',
 721      P 0708   1
 722      P 0709   1 !
 723      P 0710   1 !    Server Base specific X.25-Protocol Module parameters
 724      P 0711   1 !
 725      P 0712   1          PCXP_SRV_PMC, HIGH,       .             'Maximum circuits',
 726      P 0713   1          PCXP_SBS, LITB, NCP$GA_TBL_MPRSBS,      'Substate',
 727      P 0714   1
 728        0715   1          )
```

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```
730    0716  1
731    0717  1 !
732    0718  1 !        module X25 Server
733    0719  1 !        module X29-Server
734    0720  1 !
735    0721  1
736  P 0722  1          $NCP_PRMTBL
737  P 0723  1          (MODSER,
738  P 0724  1
739  P 0725  1          PCXS_CTM, NUMW,                          'Counter timer',
740  P 0726  1          PCXS_ACI, NUMW,           .             'Active circuits',
741  P 0727  1          PCXS_DST, TKN,            .             'Destination',
742  P 0728  1          PCXS_MCI, NUMW,           .             'Maximum circuits',
743  P 0729  1          PCXS_NOD, NADR,           .             'Node',
744  P 0730  1          PCXS_USR, TKN,            .             'User',
745  P 0731  1          PCXS_SPW, TKN,            .             'Password',
746  P 0732  1          PCXS_RPW, LITB, NCP$GA_TBL_MSEPAS,      'Password',
747  P 0733  1          PCXS_ACC, TKN,            .             'Account',
748  P 0734  1          PCXS_OBJ, OBJ,            .             'Object',
749  P 0735  1          PCXS_PRI, NUMB,           .             'Priority',
750  P 0736  1          PCXS_CMK, HEX,            .             'Call mask',
751  P 0737  1          PCXS_CVL, HEX,            .             'Call value',
752  P 0738  1          PCXS_GRP, TKN,            .             'Group',
753  P 0739  1          PCXS_NUM, TKN,            .             'Number',
754  P 0740  1          PCXS_SAD, SAD,            .             'Subaddresses',
755  P 0741  1
756  P 0742  1          PCXS_STA, LITB, NCP$GA_TBL_MPRSTA,      'State',
757  P 0743  1          PCXS_FIL, TKN,            .             'Object filespec',
758  P 0744  1
759  P 0745  1          !
760  P 0746  1          ! RSX-specific X.25-Server Module parameters
761  P 0747  1          !
762  P 0748  1          PCXS_RSX_5ST, LITB, NCP$GA_TBL_LINSTA,  'State',
763  P 0749  1
764  P 0750  1          !
765  P 0751  1          ! Server Base specific X.25-Server Module parameters
766  P 0752  1          !
767  P 0753  1          PCXS_SRV_5ST, LITB, NCP$GA_TBL_LINSTA,  'State',
768  P 0754  1
769    0755  1          )
```

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```
; 771        0756  1
: 772        0757  1 !
: 773        0758  1 !    module X25-Trace (VMS specific)
: 774        0759  1 !
: 775        0760  1
: 776      P 0761  1         $NCP_PRMTBL
  777      P 0762  1         (MODTRC,
: 778      P 0763  1
: 779      P 0764  1         PCXT_STA, LITB, NCP$GA_TBL_NODSTA,        'State',
: 780      P 0765  1         PCXT_BSZ, NUMW,                  ;        'Buffer size',
  781      P 0766  1         PCXT_MBK, NUMW,                  ;        'Maximum blocks',
: 782      P 0767  1         PCXT_FNM, TKN,                   ;        'Filename',
: 783      P 0768  1         PCXT_MBF, NUMW,                  ;        'Maximum number of buffers',
  784      P 0769  1         PCXT_CPL, NUMW,                  ;        'Global data capture size',
: 785      P 0770  1         PCXT_MVR, NUMW,                  ;        'Maximum file version',
  786      P 0771  1         PCXT_TPT, TKN,                   ;        'Trace point name',
: 787      P 0772  1         PCXT_CPS, NUMW,                  ;        'Per-trace capture size',
: 788      P 0773  1         PCXT_TST, LITB, NCP$GA_TBL_NODSTA,        'Per-trace state',
  789      P 0774  1
: 790        0775  1         )
```

```
 792        0776  1
 793        0777  1  !
 794        0778  1  !   Console module
 795        0779  1  !
 796        0780  1
 797     P  0781  1      $NCP_PRMTBL
 798     P  0782  1      (MODCON,
 799     P  0783  1
 800     P  0784  1      PCCO_RTR, NUMW,                 ,              'Reservation timer',
 801     P  0785  1
 802        0786  1      )
 803        0787  1
 804        0788  1
 805        0789  1  !
 806        0790  1  !   Loader module
 807        0791  1  !
 808        0792  1
 809     P  0793  1      $NCP_PRMTBL
 810     P  0794  1      (MODLOA,
 811     P  0795  1
 812     P  0796  1      PCLD_ASS, LITB, NCP$GA_TBL_MLOASS,      'Assistance flag',
 813     P  0797  1
 814        0798  1      )
 815        0799  1
 816        0800  1
 817        0801  1  !
 818        0802  1  !   Looper module
 819        0803  1  !
 820        0804  1
 821     P  0805  1      $NCP_PRMTBL
 822     P  0806  1      (MODLOO,
 823     P  0807  1
 824     P  0808  1      PCLP_ASS, LITB, NCP$GA_TBL_MLOASS,      'Assistance flag',
 825     P  0809  1
 826        0810  1      )
 827        0811  1
```

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```
 829     0812   1 !
 830     0813   1 !     Configurator module
 831     0814   1 !
 832     0815   1
 833   P 0816   1       $NCP_PRMTBL
 834   P 0817   1       (MODCNF,
 835   P 0818   1
 836   P 0819   1       PCCN_CIR, TKN,                        'Circuit name',
 837   P 0820   1       PCCN_SUR, LITB, NCP$GA_TBL_MLOASS,    'Surveillance flag',
 838   P 0821   1       PCCN_ELT, DELTIM,          ,          'Elapsed time',
 839   P 0822   1       PCCN_PHA, NIADR,                      'Physical address',
 840   P 0823   1       PCCN_LRP, DAYTIM, NCP$GA_TBL_MON,     'Time of last report',
 841   P 0824   1       PCCN_MVR, TRIPL,                      'Maintenance version',
 842   P 0825   1       PCCN_FCT, LITLSf, NCP$GA_TBL_CNFFCT,  'Function list',
 843   P 0826   1       PCCN_CUS, NADR,            ,          'Current console user',
 844   P 0827   1       PCCN_RTR, NUMW,            ,          'Reservation timer',
 845   P 0828   1       PCCN_CSZ, NUMW,            ,          'Command buffer size',
 846   P 0829   1       PCCN_RSZ, NUMW,            ,          'Response buffer size',
 847   P 0830   1       PCCN_HWA, NIADR,                      'Hardware address',
 848   P 0831   1       PCCN_DTY, LITB, NCP$GA_TBL_SVCDEV,    'Device type',
 849   P 0832   1 !!    PCCN_SFI, ???                         'Software ID',
 850   P 0833   1       PCCN_SPR, LITB, NCP$GA_TBL_MCOPRC,    'System processor',
 851   P 0834   1       PCCN_DLK, LITB, NCP$GA_TBL_MCODAT,    'Data link type',
 852   P 0835   1
 853     0836   1       )
```

```
  855      0837   1
  856      0838   1   !
  857      0839   1   !     node
  858      0840   1   !
  859      0841   1
  860    P 0842   1         $NCP_PRMTBL
  861    P 0843   1         (NOD,
  862    P 0844   1
  863    P 0845   1         PCNO_STA, LITB, NCP$GA_TBL_NODSTA,      'State',
  864    P 0846   1         PCNO_PHA, NIADR,         .              'Physical address',
  865    P 0847   1         PCNO_IDE, TKN,           .              'Identification',
  866    P 0848   1         PCNO_MVE, TRIPL,         .              'Management version',
  867    P 0849   1         PCNO_SLI, TKN,           .              'Service circuit',
  868    P 0850   1         PCNO_SNV, LITB, NCP$GA_TBL_NODSNV,      'Service node version',
  869    P 0851   1         PCNO_SPA, HXPS,          .              'Service password',
  870    P 0852   1         PCNO_SDV, LITB, NCP$GA_TBL_SVCDEV,      'Service device',
  871    P 0853   1         PCNO_CPU, LITB, NCP$GA_TBL_CPUTYP,      'CPU type',
  872    P 0854   1         PCNO_HWA, NIADR,         .              'Hardware address',
  873    P 0855   1         PCNO_LOA, TKN,           .              'Load file',
  874    P 0856   1         PCNO_SLO, TKN,           .              'Secondary loader',
  875    P 0857   1         PCNO_TLO, TKN,           .              'Tertiary loader',
  876    P 0858   1         PCNO_DFL, TKN,           .              'Diagnostic loader',
  877    P 0859   1         PCNO_STY, LITB, NCP$GA_TBL_SOFTYP,      'Software type',
  878    P 0860   1         PCNO_SID, TKN,           .              'Software identification',
  879    P 0861   1         PCNO_DUM, TKN,           .              'Dump file',
  880    P 0862   1         PCNO_SDU, TKN,           .              'Secondary dumper',
  881    P 0863   1         PCNO_DAD, NUML,          .              'Dump address',
  882    P 0864   1         PCNO_DCT, NUML,          .              'Dump count',
  883    P 0865   1         PCNO_OHO, NADR,          .              'Host',
  884    P 0866   1         PCNO_IHO, NADR,          .              'Host',
  885    P 0867   1         PCNO_LPC, NUMW,          .              'Loop count',
  886    P 0868   1         PCNO_LPL, NUMW,          .              'Loop length',
  887    P 0869   1         PCNO_LPD, LITB, NCP$GA_TBL_LOODAT,      'Loop Data type',
  888    P 0870   1         PCNO_LPA, NIADR,         .              'Loop assistant physical address',
  889    P 0871   1         PCNO_LPH, LITB, NCP$GA_TBL_NODHLP,      'Loop help type',
  890    P 0872   1         PCNO_CTI, NUMW,          .              'Counter timer',
  891    P 0873   1         PCNO_NNA, TKN,           .              'Name',
  892    P 0874   1         PCNO_NLI, TKN,           .              'Circuit',
  893    P 0875   1         PCNO_ADD, NUMW,          .              'Address',
  894    P 0876   1         PCNO_ITI, NUMW,          .              'Incoming timer',
  895    P 0877   1         PCNO_OTI, NUMW,          .              'Outgoing timer',
  896    P 0878   1         PCNO_ACL, NUMW,          .              'Active links',
  897    P 0879   1         PCNO_DEL, NUMW,          .              'Delay',
  898    P 0880   1         PCNO_NVE, TRIPL,         .              'NSP version',
  899    P 0881   1         PCNO_MLK, NUMW,          .              'Maximum links',
  900    P 0882   1         PCNO_DFA, NUMB,          .              'Delay factor',
  901    P 0883   1         PCNO_DWE, NUMB,          .              'Delay weight',
  902    P 0884   1         PCNO_IAT, NUMW,          .              'Inactivity timer',
  903    P 0885   1         PCNO_RFA, NUMW,          .              'Retransmit factor',
  904    P 0886   1         PCNO_DTY, LITB, NCP$GA_TBL_NODTYP,      'Type',
  905    P 0887   1         PCNO_DCO, NUMW,          .              'Cost',
  906    P 0888   1         PCNO_DHO, NUMB,          .              'Hops',
  907    P 0889   1         PCNO_DLI, TKN,           .              'Circuit',
  908    P 0890   1         PCNO_NND, NADR,          .              'Next node to destination',
  909    P 0891   1         PCNO_RVE, TRIPL,         .              'Routing version',
  910    P 0892   1         PCNO_ETY, LITB, NCP$GA_TBL_NODTYP,      'Type',
  911    P 0893   1         PCNO_RTI, NUMW,          .              'Routing timer',
```

```
 912    P 0894  1    PCNO_SAD, SAD,                        'Subaddresses',
 913    P 0895  1    PCNO_BRT, NUMW,           .           'Broadcast routing timer',
 914    P 0896  1    PCNO_MAD, NUMW,           .           'Maximum address',
 915    P 0897  1    PCNO_MLN, NUMW,           .           'Maximum circuits',
 916    P 0898  1    PCNO_MCO, NUMW,           .           'Maximum cost',
 917    P 0899  1    PCNO_MHO, NUMB,           .           'Maximum hops',
 918    P 0900  1    PCNO_MVI, NUMB,           .           'Maximum visits',
 919    P 0901  1    PCNO_MAR, NUMB,           .           'Maximum area',
 920    P 0902  1    PCNO_MBE, NUMW,           .           'Max broadcast nonrouters',
 921    P 0903  1    PCNO_MBR, NUMW,           .           'Max broadcast routers',
 922    P 0904  1    PCNO_AMC, NUMW,           .           'Area maximum cost',
 923    P 0905  1    PCNO_AMH, NUMB,           .           'Area maximum hops',
 924    P 0906  1    PCNO_MBU, NUMW,           .           'Maximum buffers',
 925    P 0907  1    PCNO_BUS, NUMW,           .           'Buffer size',
 926    P 0908  1    PCNO_SBS, NUMW,           .           'Segment buffer size',
 927    P 0909  1    PCNO_RPA, TKN,            .           'Receive password',
 928    P 0910  1    PCNO_TPA, TKN,            .           'Transmit password',
 929    P 0911  1
 930    P 0912  1    PCNO_PUS, TKN,            .           'Privileged user id',
 931    P 0913  1    PCNO_PAC, TKN,            .           'Privileged account'
 932    P 0914  1    PCNO_PPW, TKN,            .           'Privileged password',
 933    P 0915  1    PCNO_NUS, TKN,            .           'Nonprivileged user id',
 934    P 0916  1    PCNO_NAC, TKN,            .           'Nonprivileged account'
 935    P 0917  1    PCNO_NPW, TKN,            .           'Nonprivileged password',
 936    P 0918  1    PCNO_ACC, LITB, NCP$GA_TBL_NODACC,    'Access',
 937    P 0919  1    PCNO_DAC, LITB, NCP$GA_TBL_NODACC,    'Default access',
 938    P 0920  1    PCNO_PRX, LITB, NCP$GA_TBL_NODACC,    'Proxy access',
 939    P 0921  1    PCNO_DPX, LITB, NCP$GA_TBL_NODACC,    'Default proxy access',
 940    P 0922  1    PCNO_PIQ, NUMW,           .           'Pipeline quota',
 941    P 0923  1    PCNO_ALI, NADR,           .           'Alias address',
 942    P 0924  1
 943    P 0925  1
 944    P 0926  1    !  RSX-Specific Node (Executor) parameters
 945    P 0927  1    !
 946    P 0928  1    PCNO_RSX_RPA, LITB, NCP$GA_TBL_MSEPAS,  'Receive password'
 947    P 0929  1    PCNO_RSX_TPA, LITB, NCP$GA_TBL_MSEPAS,  'Transmit password',
 948    P 0930  1    PCNO_RSX_VER, LITB, NCP$GA_TBL_LINSTA,  'Verification state',
 949    P 0931  1
 950    P 0932  1    !
 951    P 0933  1    !  Server Base specific Node (Executor) parameters
 952    P 0934  1
 953    P 0935  1    PCNO_SRV_RPA, LITB, NCP$GA_TBL_MSEPAS,  'Receive password'
 954    P 0936  1    PCNO_SRV_TPA, LITB, NCP$GA_TBL_MSEPAS,  'Transmit password',
 955    P 0937  1    PCNO_SRV_VER, LITB, NCP$GA_TBL_LINSTA,  'Verification state',
 956    P 0938  1    PCNO_SRV_ACB, HIGH,       .           'Active control buffers',
 957    P 0939  1    PCNO_SRV_ASB, HIGH,       .           'Active small buffers',
 958    P 0940  1    PCNO_SRV_ALB, HIGH,       .           'Active large buffers',
 959    P 0941  1    PCNO_SRV_MCB, HIGH,       .           'Maximum control buffers',
 960    P 0942  1    PCNO_SRV_MSB, HIGH,       .           'Maximum small buffers',
 961    P 0943  1    PCNO_SRV_MLB, HIGH,       .           'Maximum large buffers',
 962    P 0944  1    PCNO_SRV_LBS, HIGH,       .           'Large buffer size',
 963    P 0945  1    PCNO_SRV_NRB, HIGH,       .           'Minimum receive buffers',
 964    P 0946  1    PCNO_SRV_CPT, HIGH,       .           'CEX pool: total bytes',
 965    P 0947  1    PCNO_SRV_CPF, HIGH,       .           'CEX pool: number of segments',
 966    P 0948  1    PCNO_SRV_CPL, HIGH,       .           'CEX pool: largest segment',
 967    P 0949  1    PCNO_SRV_XPT, HIGH,       .           'Extended pool: total bytes',
 968    P 0950  1    PCNO_SRV_XPF, HIGH,       .           'Extended pool: number of segments',
```

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```
:  969     P 0951 1          PCNO_SRV_XPL, HIGH,      ,              'Extended pool: largest segment',
:  970     P 0952 1
:  971       0953 1          )
```

```
  973        0954  1
  974        0955  1 !
  975        0956  1 !!      object
  976        0957  1 !
  977        0958  1
  978      P 0959  1         $NCP_PRMTBL
  979      P 0960  1         (OBJ,
  980      P 0961  1
  981      P 0962  1         PCOB_OAN, *,                         'Active name',
  982      P 0963  1         PCOB_OAC, *,                    ;    'Active links',
  983      P 0964  1 !       PCOB_ONA, *,                    ;    'Name',
  984      P 0965  1         PCOB_OCO, *,                    ;    'Copies',
  985      P 0966  1         PCOB_OUS, *,                    ;    'User',
  986      P 0967  1 !       PCOB_OVE, *,                    ;    'Verification',
  987      P 0968  1
  988      P 0969  1         PCOB_NAM, TKN,                  ;    'Name',
  989      P 0970  1         PCOB_FID, TKN,                  ;    'File id',
  990      P 0971  1         PCOB_PID, TKN,                  ;    'Process id',
  991      P 0972  1         PCOB_NUM, NUMB,                 ;    'Number',
  992      P 0973  1         PCOB_PRV, PRVL,                 ;    'Privilege list',
  993      P 0974  1         PCOB_USR, TKN,                  ;    'User id',
  994      P 0975  1         PCOB_ACC, TKN,                  ;    'Account',
  995      P 0976  1         PCOB_PSW, TKN,                  ;    'Password',
  996      P 0977  1         PCOB_PRX, LITB, NCP$GA_TBL_NODACC,   'Proxy access',
  997      P 0978  1
  998        0979  1         )
  999        0980  1
 1000        0981  1 !
 1001        0982  1 !!      links
 1002        0983  1 !
 1003        0984  1
 1004      P 0985  1         $NCP_PRMTBL
 1005      P 0986  1         (LNK,
 1006      P 0987  1
 1007      P 0988  1         PCLK_STA, LITB, NCP$GA_TBL_LNKSTA,   'State',
 1008      P 0989  1         PCLK_PID, HXPS,                 ;    'PID',
 1009      P 0990  1         PCLK_NID, NADR,                 ;    'Remote node',
 1010      P 0991  1         PCLK_LAD, NUMW,                 ;    'Link address, PID',
 1011      P 0992  1         PCLK_DLY, NUMW,                 ;    'Delay time',
 1012      P 0993  1         PCLK_RLN, NUMW,                 ;    'Remote link',
 1013      P 0994  1         PCLK_RID, TKN,                  ;    'Remote user',
 1014      P 0995  1         PCLK_USR, TKN,                  ;    'Username',
 1015      P 0996  1         PCLK_PRC, TKN,                  ;    'Process name',
 1016      P 0997  1
 1017        0998  1         )
```

```
  1019        0999  1
  1020        1000  1   !
  1021        1001  1   !        Bitmap tables for counters
  1022        1002  1   !
  1023        1003  1
  1024      P 1004  1            $NCP_BLDLST
  1025      P 1005  1            (BMDEI,                          ! Data errors inbound
  1026      P 1006  1
  1027      P 1007  1            'NAKs sent, header block check error',
  1028      P 1008  1            'NAKs sent, data field block check error',
  1029      P 1009  1            'NAKs sent, REP response',
  1030      P 1010  1            'Block too long',
  1031      P 1011  1            'Block check error',
  1032      P 1012  1            'REJ sent',
  1033      P 1013  1
  1034        1014  1            )
  1035        1015  1
  1036      P 1016  1            $NCP_BLDLST
  1037      P 1017  1            (BMDEO,                          ! Data errors outbound
  1038      P 1018  1
  1039      P 1019  1            'NAKs received, header block check error',
  1040      P 1020  1            'NAKs received, data field block check error',
  1041      P 1021  1            'NAKs received, REP response',
  1042      P 1022  1            'REJ received',
  1043      P 1023  1
  1044        1024  1            )
  1045        1025  1
  1046      P 1026  1            $NCP_BLDLST
  1047      P 1027  1            (BMRBE,                          ! Remote buffer errors
  1048      P 1028  1
  1049      P 1029  1            'NAKs received, buffer unavailable',
  1050      P 1030  1            'NAKs received, buffer too small',
  1051      P 1031  1            'RNR received, buffer unavailable',
  1052      P 1032  1
  1053        1033  1            )
  1054        1034  1
  1055      P 1035  1            $NCP_BLDLST
  1056      P 1036  1            (BMLBE,                          ! Local buffer errors
  1057      P 1037  1
  1058      P 1038  1            'NAKs sent, buffer unavailable',
  1059      P 1039  1            'NAKs sent, buffer too small',
  1060      P 1040  1            'RNR sent, buffer unavailable',
  1061      P 1041  1
  1062        1042  1            )
  1063        1043  1
  1064      P 1044  1            $NCP_BLDLST
  1065      P 1045  1            (BMSTO,                          ! Selection timeouts
  1066      P 1046  1
  1067      P 1047  1            'No reply to select',
  1068      P 1048  1            'Incomplete reply to select',
  1069      P 1049  1
  1070        1050  1            )
  1071        1051  1
  1072      P 1052  1            $NCP_BLDLST
  1073      P 1053  1            (BMRPE,                          ! Remote process errors
  1074      P 1054  1
  1075      P 1055  1            'NAKs received, receive overrun',
```

```
: 1076      P 1056  1        'NAKs sent, header format error',
: 1077      P 1057  1        'Selection address errors',
: 1078      P 1058  1        'Streaming tributaries',
: 1079      P 1059  1        'Invalid N(R) received',
: 1080      P 1060  1        'FRMR sent, header format error',
: 1081      P 1061  1
: 1082        1062  1        )
: 1083        1063  1
: 1084      P 1064  1        $NCP_BLDLST
: 1085      P 1065  1        (BMLPE,                          ! Local process errors
: 1086      P 1066  1
: 1087      P 1067  1        'NAKs sent, receive overrun',
: 1088      P 1068  1        'Receive overruns, NAK not sent',
: 1089      P 1069  1        'Transmit underruns',
: 1090      P 1070  1        'NAKs received, header format error',
: 1091      P 1071  1        'Receive overrun',
: 1092      P 1072  1        'FRMR received, header format error',
: 1093      P 1073  1
: 1094        1074  1        )
: 1095        1075  1
: 1096      P 1076  1        $NCP_BLDLST
: 1097      P 1077  1        (BMRME,                          ! PCL-11B remote errors
: 1098      P 1078  1
: 1099      P 1079  1        'TDM bus busy',
: 1100      P 1080  1        'Message rejected',
: 1101      P 1081  1        'Message truncated',
: 1102      P 1082  1        'Receiver offline',
: 1103      P 1083  1        'Receiver busy',
: 1104      P 1084  1        'Transmitter offline',
: 1105        1085  1        )
: 1106        1086  1
: 1107      P 1087  1        $NCP_BLDLST
: 1108      P 1088  1        (BMLCE,                          ! PCL-11B local errors
: 1109      P 1089  1
: 1110      P 1090  1        'Transmitter overrun',
: 1111      P 1091  1        'Transmit CRC failure',
: 1112      P 1092  1        'Receive CRC failure',
: 1113      P 1093  1        'Timeouts',
: 1114      P 1094  1        'Non-existant memory transmit',
: 1115      P 1095  1        'Non-existant memory receive',
: 1116      P 1096  1        'Buffer too small',
: 1117      P 1097  1        'Failed to open channel',
: 1118      P 1098  1        'Memory overflow',
: 1119        1099  1        )
: 1120        1100  1
: 1121      P 1101  1        $NCP_BLDLST
: 1122      P 1102  1        (BMMSE,                          ! PCL-11B master/secondary errors
: 1123      P 1103  1
: 1124      P 1104  1        '',
: 1125      P 1105  1        'Master down',
: 1126      P 1106  1        'Now master',
: 1127        1107  1        )
: 1128        1108  1
: 1129      P 1109  1        $NCP_BLDLST
: 1130      P 1110  1        (BMERI,                          ! PCL-11B inbound errors
: 1131      P 1111  1
: 1132      P 1112  1        'Receive CRC failure',
```

```
; 1133              1113  1            )
; 1134              1114  1
; 1135         P    1115  1            $NCP_BLDLST
; 1136         P    1116  1            (BMERO,                   ! PCL-11B outbound errors
; 1137         P    1117  1
; 1138         P    1118  1            'Transmit CRC failure',
; 1139         P    1119  1            'Timeout on word',
; 1140              1120  1            )
; 1141              1121  1
; 1142         P    1122  1            $NCP_BLDLST
; 1143         P    1123  1            (BMRTO,                   ! PCL-11B remote timeouts
; 1144         P    1124  1
; 1145         P    1125  1            'Receiver busy',
; 1146         P    1126  1            'Transmitter offline',
; 1147         P    1127  1            'Receiver offline',
; 1148              1128  1            )
; 1149              1129  1
; 1150         P    1130  1            $NCP_BLDLST
; 1151         P    1131  1            (BMBER,                   ! PCL-11B remote buffer errors
; 1152         P    1132  1
; 1153         P    1133  1            'Message truncated',
; 1154         P    1134  1            'Message reject',
; 1155              1135  1            )
; 1156              1136  1
; 1157         P    1137  1            $NCP_BLDLST
; 1158         P    1138  1            (BMSF,                    ! NI Send failure errors
; 1159         P    1139  1
; 1160         P    1140  1            'Excessive collisions',
; 1161         P    1141  1            'Carrier check failed',
; 1162         P    1142  1            'Short circuit',
; 1163         P    1143  1            'Open cicuit',
; 1164         P    1144  1            'Frame too long',
; 1165         P    1145  1            'Remote failure to defer',
; 1166              1146  1            )
; 1167              1147  1
; 1168         P    1148  1            $NCP_BLDLST
; 1169         P    1149  1            (BMRF,                    ! NI Receive failure errors
; 1170         P    1150  1
; 1171         P    1151  1            'Block check error',
; 1172         P    1152  1            'Framing error',
; 1173         P    1153  1            'Frame too long',
; 1174              1154  1            )
```

NCPTABLES   Text Tables   D 14
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                                                           14-Sep-1984 12:48:33   [NCP.SRC]NCPTABLES.B32;1   (22)

```
; 1176      1155 1
; 1177      1156 1 !
; 1178      1157 1 !    Counters
; 1179      1158 1 !
; 1180      1159 1
; 1181      1160 1 !
; 1182      1161 1 !    Circuit counters
; 1183      1162 1 !
; 1184    P 1163 1      $NCP_PRMTBL
; 1185    P 1164 1      (CIRCNTR,
; 1186    P 1165 1
; 1187    P 1166 1      CTCIR_ZER, LITB,                        'Seconds since last zeroed',
; 1188    P 1167 1      CTCIR_APR, LITB,            ,           'Terminating packets received',
; 1189    P 1168 1      CTCIR_DPS, LITB,            ,           'Originating packets sent',
; 1190    P 1169 1      CTCIR_ACL, LITB,            ,           'Terminating congestion loss',
; 1191    P 1170 1      CTCIR_CRL, LITB,            ,           'Corruption loss',
; 1192    P 1171 1      CTCIR_TPR, LITB,            ,           'Transit packets received',
; 1193    P 1172 1      CTCIR_TPS, LITB,            ,           'Transit packets sent',
; 1194    P 1173 1      CTCIR_TCL, LITB,            ,           'Transit congestion loss',
; 1195    P 1174 1      CTCIR_LDN, LITB,            ,           'Circuit down',
; 1196    P 1175 1      CTCIR_IFL, LITB,            ,           'Initialization failure',
; 1197    P 1176 1      CTCIR_BRC, LITB,            ,           'Bytes received',
; 1198    P 1177 1      CTCIR_BSN, LITB,            ,           'Bytes sent',
; 1199    P 1178 1      CTCIR_DBR, LITB,            ,           'Data blocks received',
; 1200    P 1179 1      CTCIR_DBS, LITB,            ,           'Data blocks sent',
; 1201    P 1180 1      CTCIR_DEI, LITB, NCP$GA_LST_BMDEI,      'Data errors inbound'
; 1202    P 1181 1      CTCIR_DEO, LITB, NCP$GA_LST_BMDEO,      'Data errors outbound'
; 1203    P 1182 1      CTCIR_RRT, LITB,            ,           'Remote reply timeouts',
; 1204    P 1183 1      CTCIR_LRT, LITB,            ,           'Local reply timeouts',
; 1205    P 1184 1      CTCIR_RBE, LITB, NCP$GA_LST_BMRBE,      'Remote buffer errors',
; 1206    P 1185 1      CTCIR_LBE, LITB, NCP$GA_LST_BMLBE,      'Local buffer errors',
; 1207    P 1186 1      CTCIR_SIE, LITB,            ,           'Selection intervals elapsed',
; 1208    P 1187 1      CTCIR_SLT, LITB, NCP$GA_LST_BMSTO,      'Selection timeouts',
; 1209    P 1188 1      CTCIR_LIR, LITB,            ,           'Locally initiated resets',
; 1210    P 1189 1      CTCIR_RIR, LITB,            ,           'Remotely initiated resets',
; 1211    P 1190 1      CTCIR_NIR, LITB,            ,           'Network initiated resets',
; 1212    P 1191 1      CTCIR_ERI, LITB, NCP$GA_LST_BMERI,      'Inbound PCL errors'
; 1213    P 1192 1      CTCIR_ERO, LITB, NCP$GA_LST_BMERO,      'Outbound PCL errors',
; 1214    P 1193 1      CTCIR_RTO, LITB, NCP$GA_LST_BMRTO,      'Remote PCL timeouts',
; 1215    P 1194 1      CTCIR_LTO, LITB,            ,           'Local PCL timeouts',
; 1216    P 1195 1      CTCIR_BER, LITB, NCP$GA_LST_BMBER,      'Remote PCL buffer errors',
; 1217    P 1196 1      CTCIR_BEL, LITB,            ,           'Local PCL buffer errors',
; 1218    P 1197 1
; 1219    P 1198 1      CTCIR_MNE, LITB,            ,           'Unrecognized frame destination',
; 1220    P 1199 1      CTCIR_UBU, LITB,            ,           'User buffer unavailable',
; 1221      1200 1
; 1222      1201 1      )
; 1223      1202 1
; 1224      1203 1 !
; 1225      1204 1 !    Line counters
; 1226      1205 1 !
; 1227    P 1206 1      $NCP_PRMTBL
; 1228    P 1207 1      (LINCNTR,
; 1229    P 1208 1
; 1230    P 1209 1      CTLIN_ZER, LITB,            ,           'Seconds since last zeroed',
; 1231    P 1210 1      CTLIN_APR, LITB,            ,           'Arriving packets received',
; 1232    P 1211 1      CTLIN_DPS, LITB,            ,           'Departing packets sent',
```

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: 1233      P 1212  1        CTLIN_ACL, LITB,                        'Arriving congestion loss',
: 1234      P 1213  1        CTLIN_TPR, LITB,          ;             'Transit packets received',
: 1235      P 1214  1        CTLIN_TPS, LITB,          ;             'Transit packets sent',
: 1236      P 1215  1        CTLIN_TCL, LITB,          ;             'Transit congestion loss',
: 1237      P 1216  1        CTLIN_LDN, LITB,          ;             'Line down',
: 1238      P 1217  1        CTLIN_IFL, LITB,          ;             'Initialization failure',
: 1239      P 1218  1        CTLIN_BRC, LITB,          ;             'Bytes received',
: 1240      P 1219  1        CTLIN_BSN, LITB,          ;             'Bytes sent',
  1241      P 1220  1        CTLIN_MBY, LITB,          ;             'Multicast bytes received',          ! 1002
: 1242      P 1221  1        CTLIN_DBR, LITB,          ;             'Data blocks received',
: 1243      P 1222  1        CTLIN_DBS, LITB,          ;             'Data blocks sent',
  1244      P 1223  1        CTLIN_MBL, LITB,          ;             'Multicast blocks received',         ! 1012
  1245      P 1224  1        CTLIN_BID, LITB,          ;             'Blocks sent, initially deferred',   ! 1013
  1246      P 1225  1        CTLIN_BS1, LITB,          ;             'Blocks sent, single collision',     ! 1014
  1247      P 1226  1        CTLIN_BSM, LITB,          ;             'Blocks sent, multiple collision',   ! 1015
  1248      P 1227  1        CTLIN_DEI, LITB, NCP$GA_LST_BMDEI,      'Data errors inbound',
  1249      P 1228  1        CTLIN_DEO, LITB, NCP$GA_LST_BMDEO,      'Data errors outbound',
  1250      P 1229  1        CTLIN_RRT, LITB,          ;             'Remote reply timeouts',
  1251      P 1230  1        CTLIN_LRT, LITB,          ;             'Local reply timeouts',
  1252      P 1231  1        CTLIN_RBE, LITB, NCP$GA_LST_BMRBE,      'Remote buffer errors',
  1253      P 1232  1        CTLIN_LBE, LITB, NCP$GA_LST_BMLBE,      'Local buffer errors',
  1254      P 1233  1        CTLIN_SIE, LITB,          ;             'Selection intervals elapsed',
  1255      P 1234  1        CTLIN_SLT, LITB, NCP$GA_LST_BMSTO,      'Selection timeouts',
  1256      P 1235  1        CTLIN_SFL, LITB, NCP$GA_LST_BMSF,       'Send failure',                      ! 1060
  1257      P 1236  1        CTLIN_CDC, LITB,          ;             'Collision detect check failure',    ! 1061
  1258      P 1237  1        CTLIN_RFL, LITB, NCP$GA_LST_BMRF,       'Receive failure',                   ! 1062
: 1259      P 1238  1        CTLIN_UFD, LITB,          ;             'Unrecognized frame destination',    ! 1063
: 1260      P 1239  1        CTLIN_OVR, LITB,          ;             'Data overrun',                      ! 1064
: 1261      P 1240  1        CTLIN_SBU, LITB,          ;             'System buffer unavailable',         ! 1065
: 1262      P 1241  1        CTLIN_UBU, LITB,          ;             'User buffer unavailable',           ! 1066
: 1263      P 1242  1        CTLIN_RPE, LITB, NCP$GA_LST_BMRPE,      'Remote process errors',
: 1264      P 1243  1        CTLIN_LPE, LITB, NCP$GA_LST_BMLPE,      'Local process errors',
: 1265      P 1244  1        CTLIN_RME, LITB, NCP$GA_LST_BMRME,      'Remote PCL errors',
: 1266      P 1245  1        CTLIN_LCE, LITB, NCP$GA_LST_BMLCE,      'Local PCL errors',
: 1267      P 1246  1        CTLIN_MSE, LITB, NCP$GA_LST_BMMSE,      'PCL master/secondary errors',
: 1268      P 1247  1
: 1269      P 1248  1        CTLIN_MBS, LITB,          ;             'Multicast blocks sent',
: 1270      P 1249  1        CTLIN_MSN, LITB,          ;             'Multicast bytes sent',
: 1271      P 1250  1
: 1272         1251  1        )
: 1273         1252  1
: 1274         1253  1  !
: 1275         1254  1  !     Node counters
: 1276         1255  1  !
: 1277      P 1256  1        $NCP_PRMTBL
: 1278      P 1257  1        (NODCNTR,
: 1279      P 1258  1
: 1280      P 1259  1        CTNOD_ZER, LITB,          ;             'Seconds since last zeroed',
: 1281      P 1260  1        CTNOD_BRC, LITB,          ;             'Bytes received',
: 1282      P 1261  1        CTNOD_BSN, LITB,          ;             'Bytes sent',
: 1283      P 1262  1        CTNOD_MRC, LITB,          ;             'Messages received',
: 1284      P 1263  1        CTNOD_MSN, LITB,          ;             'Messages sent',
: 1285      P 1264  1        CTNOD_CRC, LITB,          ;             'Connects received',
: 1286      P 1265  1        CTNOD_CSN, LITB,          ;             'Connects sent',
: 1287      P 1266  1        CTNOD_RTO, LITB,          ;             'Response timeouts',
: 1288      P 1267  1        CTNOD_RSE, LITB,          ;             'Received connect resource errors',
: 1289      P 1268  1        CTNOD_MLL, LITB,          ;             'Maximum logical links active',
```

```
  1290     P 1269  1         CTNOD_APL, LITB,           .          'Aged packet loss',
  1291     P 1270  1         CTNOD_NUL, LITB,           .          'Node unreachable packet loss',
  1292     P 1271  1         CTNOD_NOL, LITB,           .          'Node out-of-range packet loss',
  1293     P 1272  1         CTNOD_OPL, LITB,           .          'Oversized packet loss',
  1294     P 1273  1         CTNOD_PFE, LITB,           .          'Packet format error',
  1295     P 1274  1         CTNOD_RUL, LITB,           .          'Partial routing update loss',
  1296     P 1275  1         CTNOD_VER, LITB,           .          'Verification reject',
  1297     P 1276  1
  1298     P 1277  1         !
  1299     P 1278  1         ! Server Base Specific Executor Node Counters
  1300     P 1279  1
  1301     P 1280  1         CTNOD_SRV_SYC, HIGH,       .          'Control buffer failures',
  1302     P 1281  1         CTNOD_SRV_SYS, HIGH,       .          'Small buffer failures',
  1303     P 1282  1         CTNOD_SRV_SYL, HIGH,       .          'Large buffer failures',
  1304     P 1283  1         CTNOD_SRV_SYR, HIGH,       .          'Receive buffer failures',
  1305     P 1284  1
  1306       1285  1         )
  1307       1286  1
  1308       1287  1 !
  1309       1288  1 !       Module X25-Protocol counters
  1310       1289  1 !
  1311     P 1290  1         $NCP_PRMTBL
  1312     P 1291  1         (MPRCNTR,
  1313     P 1292  1
  1314     P 1293  1
  1315     P 1294  1         CTXP_ZER, LITB,            .          'Seconds since last zeroed',
  1316     P 1295  1         CTXP_BRC, LITB,            .          'Bytes received',
  1317     P 1296  1         CTXP_BSN, LITB,            .          'Bytes sent',
  1318     P 1297  1         CTXP_BLR, LITB,            .          'Data blocks received',
  1319     P 1298  1         CTXP_BLS, LITB,            .          'Data blocks sent',
  1320     P 1299  1         CTXP_CRC, LITB,            .          'Calls received',
  1321     P 1300  1         CTXP_CSN, LITB,            .          'Calls sent',
  1322     P 1301  1         CTXP_FSR, LITB,            .          'Fast selects received',
  1323     P 1302  1         CTXP_FSS, LITB,            .          'Fast selects sent',
  1324     P 1303  1         CTXP_MSA, LITB,            .          'Maximum switched circuits active',
  1325     P 1304  1         CTXP_MCA, LITB,            .          'Maximum channels active',
  1326     P 1305  1         CTXP_RSE, LITB,            .          'Received call resource errors',
  1327     P 1306  1         CTXP_LIR, LITB,            .          'Locally initiated resets',
  1328     P 1307  1         CTXP_RIR, LITB,            .          'Remotely initiated resets',
  1329     P 1308  1         CTXP_NIR, LITB,            .          'Network initiated resets',
  1330     P 1309  1         CTXP_RST, LITB,            .          'Restarts',
  1331     P 1310  1
  1332       1311  1         )
  1333       1312  1
  1334       1313  1
  1335       1314  1 !       Module X25-Server counters
  1336       1315  1 !
  1337     P 1316  1         $NCP_PRMTBL
  1338     P 1317  1         (MSECNTR,
  1339     P 1318  1
  1340     P 1319  1
  1341     P 1320  1         CTXS_ZER, LITB,            .          'Seconds since last zeroed',
  1342     P 1321  1         CTXS_MCA, LITB,            .          'Maximum circuits active',
  1343     P 1322  1         CTXS_ICR, LITB,            .          'Incoming calls rejected, no resources',
  1344     P 1323  1         CTXS_LLR, LITB,            .          'Logical links rejected, no resources',
  1345     P 1324  1
  1346       1325  1         )
```

NCPTABLES
V04-000

Text Tables
Parameter Text Tables

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14-Sep-1984 12:48:33   [NCP.SRC]NCPTABLES.B32;1

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; 1347   1326 1

```
  1349        1327  1
  1350        1328  1     !
  1351        1329  1     !        Parameter keyword tables
  1352        1330  1     !
  1353        1331  1
  1354        1332  1
  1355    P   1333  1        $NCP_BLDTBL
  1356    P   1334  1
  1357    P   1335  1        (CIRPOL,                    ! Circuit polling state
  1358    P   1336  1
  1359    P   1337  1        1,        'automatic',
  1360    P   1338  1        2,        'active',
  1361    P   1339  1        3,        'inactive',
  1362    P   1340  1        4,        'dying',
  1363    P   1341  1        5,        'dead',
  1364    P   1342  1
  1365        1343  1        )
  1366        1344  1
  1367    P   1345  1        $NCP_BLDTBL
  1368    P   1346  1
  1369    P   1347  1        (CIRPLS,                    ! Circuit polling substate
  1370    P   1348  1
  1371    P   1349  1        1,        'active',
  1372    P   1350  1        2,        'inactive',
  1373    P   1351  1        3,        'dying',
  1374    P   1352  1        4,        'dead',
  1375    P   1353  1
  1376        1354  1        )
  1377        1355  1
  1378    P   1356  1        $NCP_BLDTBL
  1379    P   1357  1
  1380    P   1358  1        (CIRBLK,                    ! Circuit blocking
  1381    P   1359  1
  1382    P   1360  1        0,        'enabled'
  1383    P   1361  1        1,        'disabled',
  1384    P   1362  1
  1385        1363  1        )
  1386        1364  1
  1387    P   1365  1        $NCP_BLDTBL
  1388    P   1366  1
  1389    P   1367  1        (CIRUSE,                    ! Circuit usage
  1390    P   1368  1
  1391    P   1369  1        0,        'permanent',
  1392    P   1370  1        1,        'incoming',
  1393    P   1371  1        2,        'outgoing',
  1394    P   1372  1
  1395        1373  1        )
  1396        1374  1
  1397    P   1375  1        $NCP_BLDTBL
  1398    P   1376  1
  1399    P   1377  1        (CIRTYP,                    ! Circuit type
  1400    P   1378  1
  1401    P   1379  1        0,        'DDCMP point'
  1402    P   1380  1        1,        'DDCMP control',
  1403    P   1381  1        2,        'DDCMP tributary',
  1404    P   1382  1        3,        'X.25',
  1405    P   1383  1        4,        'DDCMP DMC compatible',
```

```
: 1406      P 1384  1       5,       'LAPB',
: 1407      P 1385  1       6,       'Ethernet',
: 1408      P 1386  1
: 1409        1387  1       )
: 1410        1388  1
: 1411      P 1389  1       $NCP_BLDTBL
: 1412      P 1390  1
: 1413      P 1391  1       (CIRVER,                    ! Circuit verification state
: 1414      P 1392  1
: 1415      P 1393  1       0,       'enabled',
: 1416      P 1394  1       1,       'disabled',
: 1417        1395  1       )
: 1418        1396  1
: 1419      P 1397  1       $NCP_BLDTBL
: 1420      P 1398  1
: 1421      P 1399  1       (CIRXPT,                    ! Circuit (desired) transport type
: 1422      P 1400  1
: 1423      P 1401  1       1,       'Z-node'
: 1424      P 1402  1       2,       'Phase II'          ! Force Phase II on this circuit
: 1425      P 1403  1       3,       'Routing III',
: 1426      P 1404  1       4,       'Phase IV',         ! Nonrouting Phase IV
: 1427      P 1405  1
: 1428        1406  1       )
: 1429        1407  1
: 1430      P 1408  1       $NCP_BLDTBL
: 1431      P 1409  1
: 1432      P 1410  1       (LINSTA,                    ! Line state
: 1433      P 1411  1
: 1434      P 1412  1       0,       'on'
: 1435      P 1413  1       1,       'off'
: 1436      P 1414  1       2,       'service',
: 1437      P 1415  1       3,       'cleared',
: 1438      P 1416  1
: 1439        1417  1       )
: 1440        1418  1
: 1441      P 1419  1       $NCP_BLDTBL
: 1442      P 1420  1
: 1443      P 1421  1       (LINSUB,                    ! Line substate
: 1444      P 1422  1
: 1445      P 1423  1       0,       '-starting',
: 1446      P 1424  1       1,       '-reflecting',
: 1447      P 1425  1       2,       '-looping',
: 1448      P 1426  1       3,       '-loading',
: 1449      P 1427  1       4,       '-dumping',
: 1450      P 1428  1       5,       '-triggering'
: 1451      P 1429  1       6,       '-autoservice',
: 1452      P 1430  1       7,       '-autoloading',
: 1453      P 1431  1       8,       '-autodumping',
: 1454      P 1432  1       9,       '-autotriggering',
: 1455      P 1433  1       10,      '-synchronizing',
: 1456      P 1434  1       11,      '-failed',
: 1457      P 1435  1
: 1458        1436  1       )
: 1459        1437  1
: 1460      P 1438  1       $NCP_BLDTBL
: 1461      P 1439  1
: 1462      P 1440  1       (LINSVC,                    ! Service state
```

```
; 1463         P 1441  1                   0.        'enabled'
; 1464         P 1442  1                   1.        'disabled',
; 1465         P 1443  1
; 1466         P 1444  1                   )
; 1467           1445  1
; 1468           1446  1
; 1469         P 1447  1          $NCP_BLDTBL
; 1470         P 1448  1
; 1471         P 1449  1          (LINCTL,                       ! Controller mode
; 1472         P 1450  1
; 1473         P 1451  1                   0.        'normal'.
; 1474         P 1452  1                   1.        'loopback',
; 1475         P 1453  1
; 1476           1454  1                   )
; 1477           1455  1
; 1478           1456  1
; 1479         P 1457  1          $NCP_BLDTBL
; 1480         P 1458  1
; 1481         P 1459  1          (LINDPX,                       ! Line duplex mode
; 1482         P 1460  1
; 1483         P 1461  1                   0.        'full'.
; 1484         P 1462  1                   1.        'half'.
; 1485         P 1463  1
; 1486           1464  1                   )
; 1487           1465  1
; 1488         P 1466  1          $NCP_BLDTBL
; 1489         P 1467  1
; 1490         P 1468  1          (LINCLO,                       ! Line clock mode
; 1491         P 1469  1
; 1492         P 1470  1                   0.        'external'.
; 1493         P 1471  1                   1.        'internal'.
; 1494         P 1472  1
; 1495           1473  1                   )
; 1496           1474  1
; 1497         P 1475  1          $NCP_BLDTBL
; 1498         P 1476  1
; 1499         P 1477  1          (LINTYP,                       ! Line type
; 1500         P 1478  1
; 1501         P 1479  1                   0.        'point'.
; 1502         P 1480  1                   1.        'control'.
; 1503         P 1481  1                   2.        'tributary'.
; 1504         P 1482  1                   3.        'DMC compatible mode',
; 1505         P 1483  1
; 1506           1484  1                   )
; 1507           1485  1
; 1508         P 1486  1          $NCP_BLDTBL
; 1509         P 1487  1
; 1510         P 1488  1          (LINPRO,                       ! Line protocol
; 1511         P 1489  1
; 1512         P 1490  1                   0.        'DDCMP point'
; 1513         P 1491  1                   1.        'DDCMP control',
; 1514         P 1492  1                   2.        'DDCMP tributary',
; 1515         P 1493  1                   3.        'X.25'.
; 1516         P 1494  1                   4.        'DDCMP DMC compatible',
; 1517         P 1495  1                   5.        'LAPB'.
; 1518         P 1496  1                   6.        'Ethernet',
; 1519         P 1497  1
```

```
: 1520         1498  1          )
: 1521         1499  1
: 1522    P    1500  1          $NCP_BLDTBL
: 1523    P    1501  1
: 1524    P    1502  1          (LINMOD,                        ! X25 line mode
: 1525    P    1503  1
: 1526    P    1504  1          1,       'DTE',
: 1527    P    1505  1          2,       'DCE',
: 1528    P    1506  1          3,       'DTE loopback',
: 1529    P    1507  1          4,       'DCE loopback',
: 1530    P    1508  1
: 1531         1509  1          )
: 1532         1510  1
: 1533    P    1511  1          $NCP_BLDTBL
: 1534    P    1512  1
: 1535    P    1513  1          (LINLOC,                        ! Line Location /RSX parameter
: 1536    P    1514  1
: 1537    P    1515  1          0,       'firstfit',
: 1538    P    1516  1          1,       'topdown',
: 1539    P    1517  1
: 1540         1518  1          )
```

```
: 1542        P 1519   1          $NCP_BLDTBL
: 1543        P 1520   1
: 1544        P 1521   1          (LOGSTA,                    ! Logging state
: 1545        P 1522   1
: 1546        P 1523   1          0,      'on'
: 1547        P 1524   1          1,      'off'
: 1548        P 1525   1          2,      'hold',
: 1549        P 1526   1
: 1550          1527   1          )
: 1551          1528   1
: 1552        P 1529   1          $NCP_BLDTBL
: 1553        P 1530   1
: 1554        P 1531   1          (LNKSTA,                    ! Link state
: 1555        P 1532   1
: 1556        P 1533   1          0,      'closed'
: 1557        P 1534   1          1,      'CI sending',
: 1558        P 1535   1          2,      'CI ACKed',
: 1559        P 1536   1          3,      'CI received',
: 1560        P 1537   1          4,      'CC sending',
: 1561        P 1538   1          5,      'run',
: 1562        P 1539   1          6,      'DI received',
: 1563        P 1540   1          7,      'DI sending',
: 1564        P 1541   1
: 1565          1542   1          )
: 1566          1543   1
: 1567        P 1544   1          $NCP_BLDTBL
: 1568        P 1545   1
: 1569        P 1546   1          (MPRSTA,                    ! X25-Protocol state
: 1570        P 1547   1
: 1571        P 1548   1          0,      'on'
: 1572        P 1549   1          1,      'off'
: 1573        P 1550   1          2,      'shut',
: 1574        P 1551   1
: 1575          1552   1          )
: 1576          1553   1
: 1577        P 1554   1          $NCP_BLDTBL
: 1578        P 1555   1
: 1579        P 1556   1          (MPRTYP,                    ! X25-Protocol type
: 1580        P 1557   1
: 1581        P 1558   1          1,      'bilateral',
: 1582        P 1559   1
: 1583          1560   1          )
: 1584          1561   1
: 1585        P 1562   1          $NCP_BLDTBL
: 1586        P 1563   1
: 1587        P 1564   1          (MPRMNS,                    ! Multi-Network Support
: 1588        P 1565   1
: 1589        P 1566   1          0,      'enabled'
: 1590        P 1567   1          1,      'disabled',
: 1591        P 1568   1
: 1592          1569   1          )
: 1593          1570   1
: 1594        P 1571   1          $NCP_BLDTBL
: 1595        P 1572   1
: 1596        P 1573   1          (MPRSBS,                    ! X25-Protocol Substate
: 1597        P 1574   1
: 1598        P 1575   1          12,     '-running',
```

```
: 1599      P 1576   1        10;       '-synchronizing',
: 1600      P 1577   1        13;       '-unsynchronized',
: 1601      P 1578   1
: 1602        1579   1        )
: 1603        1580   1
: 1604      P 1581   1        $NCP_BLDTBL
: 1605      P 1582   1
: 1606      P 1583   1        (MSEPAS,                          ! X25-Server password
: 1607      P 1584   1
: 1608      P 1585   1        0;        '(password set)',
: 1609      P 1586   1
: 1610        1587   1        )
: 1611        1588   1
: 1612        1589   1
: 1613      P 1590   1        $NCP_BLDTBL
: 1614      P 1591   1
: 1615      P 1592   1        (MLOASS,                          ! Module loader assistance flag,
: 1616      P 1593   1                                          !  Module looper assistance flag and
: 1617      P 1594   1                                          !  Module configurator surveillance flag
: 1618      P 1595   1        0;        'enabled',
: 1619      P 1596   1        1;        'disabled',
: 1620      P 1597   1
: 1621        1598   1        )
: 1622        1599   1
: 1623      P 1600   1        $NCP_BLDTBL
: 1624      P 1601   1
: 1625      P 1602   1        (MCOPRC,                          ! Module configurator system processor
: 1626      P 1603   1
: 1627      P 1604   1        1;        'PDP-11',
: 1628      P 1605   1        2;        'Pluto',
: 1629      P 1606   1
: 1630        1607   1        )
: 1631        1608   1
: 1632      P 1609   1        $NCP_BLDTBL
: 1633      P 1610   1
: 1634      P 1611   1        (MCODAT,                          ! Module configurator data link type
: 1635      P 1612   1
: 1636      P 1613   1        1;        'Ethernet',            ! (DEC ethernet)
: 1637      P 1614   1        2;        'DDCMP',
: 1638      P 1615   1        3;        'LAPB',                ! (frame level of X.25)
: 1639      P 1616   1
: 1640        1617   1        )
: 1641        1618   1
: 1642      P 1619   1        $NCP_BLDTBL
: 1643      P 1620   1
: 1644      P 1621   1        (NODSTA,                          ! Node state
: 1645      P 1622   1
: 1646      P 1623   1        0;        'on',
: 1647      P 1624   1        1;        'off',
: 1648      P 1625   1        2;        'shut',
: 1649      P 1626   1        3;        'restricted',
: 1650      P 1627   1        4;        'reachable',
: 1651      P 1628   1        5;        'unreachable',
: 1652      P 1629   1
: 1653        1630   1        )
: 1654        1631   1
: 1655      P 1632   1        $NCP_BLDTBL
```

```
  1656        P 1633   1
: 1657        P 1634   1       (NODHLP,                          ! Node loop help
: 1658        P 1635   1
: 1659        P 1636   1       0.        'transmit',
  1660        P 1637   1       1.        'receive',
  1661        P 1638   1       2.        'full',
  1662        P 1639   1
  1663          1640   1       )
  1664          1641   1
  1665        P 1642   1       $NCP_BLDTBL
  1666        P 1643   1
  1667        P 1644   1       (NODTYP,                          ! Node type
  1668        P 1645   1
  1669        P 1646   1       0.        'routing III'
  1670        P 1647   1       1.        'nonrouting III',
  1671        P 1648   1       2.        'phase II',
  1672        P 1649   1       3.        'area',
  1673        P 1650   1       4.        'routing IV'
  1674        P 1651   1       5.        'nonrouting IV',
  1675        P 1652   1
  1676          1653   1       )
  1677          1654   1
  1678        P 1655   1       $NCP_BLDTBL
  1679        P 1656   1
: 1680        P 1657   1       (NODACC,                          ! Node access
  1681        P 1658   1
  1682        P 1659   1       0.        'none'
  1683        P 1660   1       1.        'incoming',
  1684        P 1661   1       2.        'outgoing',
  1685        P 1662   1       3.        'incoming and outgoing',
  1686        P 1663   1       4.        'required',
  1687        P 1664   1
  1688          1665   1       )
  1689          1666   1
  1690        P 1667   1       $NCP_BLDTBL
  1691        P 1668   1
: 1692        P 1669   1       (SVCDEV,                          ! Service device type
: 1693        P 1670   1
: 1694        P 1671   1       0.        'DP11',
: 1695        P 1672   1       1.        'UNA'
: 1696        P 1673   1       2.        'DU11',
: 1697        P 1674   1       4.        'DL11',
: 1698        P 1675   1       6.        'DQ11'
: 1699        P 1676   1       8.        'DA11'
: 1700        P 1677   1       10.       'DUP11',
: 1701        P 1678   1       12.       'DMC11',
: 1702        P 1679   1       18.       'DMP11',
: 1703        P 1680   1       20.       'DTE20',
: 1704        P 1681   1       32.       'KL8J'
: 1705        P 1682   1       34.       'DMV11'
: 1706        P 1683   1       36.       'DPV11',
: 1707        P 1684   1       38.       'DMF32',
: 1708        P 1685   1
: 1709          1686   1       )
  1710          1687   1
: 1711        P 1688   1       $NCP_BLDTBL
: 1712        P 1689   1
```

```
 1713        P 1690    1              (NODSNV,                          ! Service node version
 1714        P 1691    1
 1715        P 1692    1              0,      'Phase III',
 1716        P 1693    1              1,      'Phase IV',
 1717        P 1694    1
 1718          1695    1              )
 1719          1696    1
 1720        P 1697    1              $NCP_BLDTBL
 1721        P 1698    1
 1722        P 1699    1              (CPUTYP,                          ! CPU type
 1723        P 1700    1
 1724        P 1701    1              0,      'PDP-8',
 1725        P 1702    1              1,      'PDP-11',
 1726        P 1703    1              2,      'DECsystem 10/20',
 1727        P 1704    1              3,      'VAX-11',
 1728        P 1705    1
 1729          1706    1              )
 1730          1707    1
 1731        P 1708    1              $NCP_BLDTBL
 1732        P 1709    1
 1733        P 1710    1              (SOFTYP,                          ! Software type
 1734        P 1711    1
 1735        P 1712    1              0,      'secondary loader',
 1736        P 1713    1              1,      'tertiary loader',
 1737        P 1714    1              2,      'system',
 1738        P 1715    1
 1739          1716    1              )
 1740          1717    1
 1741        P 1718    1              $NCP_BLDTBL
 1742        P 1719    1
 1743        P 1720    1              (LOODAT,                          ! Loop data type
 1744        P 1721    1
 1745        P 1722    1              0,      'zeroes',
 1746        P 1723    1              1,      'ones',
 1747        P 1724    1              2,      'mixed',
 1748        P 1725    1
 1749          1726    1              )
 1750          1727    1
 1751        P 1728    1              $NCP_BLDTBL
 1752        P 1729    1
 1753        P 1730    1              (EVESOUR,                         ! Event Source type
 1754        P 1731    1
 1755        P 1732    1              0,      'Source node = ',
 1756        P 1733    1              1,      'Source line = ',
 1757        P 1734    1              3,      'Source circuit = ',
 1758        P 1735    1              %X'FF', ' ',                      ! No source
 1759          1736    1              )
 1760          1737    1
 1761        P 1738    1              $NCP_BLDTBL
 1762        P 1739    1
 1763        P 1740    1              (CNFFCT,                          ! Module Configurator Functions
 1764        P 1741    1
 1765        P 1742    1              0,      'Loop',
 1766        P 1743    1              1,      'Dump',
 1767        P 1744    1              2,      'Primary loader',
 1768        P 1745    1              3,      'Multi-block loader',
 1769        P 1746    1              4,      'Boot',
```

```
; 1770    P 1747  1          5,        'Console carrier',
: 1771    P 1748  1          6,        'Data link counters',
: 1772    P 1749  1          7,        'Console carrier reservation',
: 1773    P 1750  1
: 1774      1751  1          )
: 1775      1752  1
: 1776      1753  1
: 1777    P 1754  1          $NCP_BLDTBL
: 1778    P 1755  1
: 1779    P 1756  1          (MON,
: 1780    P 1757  1
: 1781    P 1758  1          1,        'Jan',
: 1782    P 1759  1          2,        'Feb',
: 1783    P 1760  1          3,        'Mar',
: 1784    P 1761  1          4,        'Apr',
: 1785    P 1762  1          5,        'May',
: 1786    P 1763  1          6,        'Jun',
: 1787    P 1764  1          7,        'Jul',
: 1788    P 1765  1          8,        'Aug',
: 1789    P 1766  1          9,        'Sep',
: 1790    P 1767  1          10,       'Oct',
: 1791    P 1768  1          11,       'Nov',
: 1792    P 1769  1          12,       'Dec',
: 1793    P 1770  1
: 1794      1771  1          )
```

```
: 1796            1772  1  %SBTTL  'Tables for Phase II Communication'
: 1797            1773  1
: 1798       P 1774  1  $NCP_BLDTBL                        ! Error status table
: 1799       P 1775  1  (PH2STS,
: 1800       P 1776  1
: 1801       P 1777  1  (-1) AND 255,    'invalid function or option',
: 1802       P 1778  1  (-2) AND 255,    'invalid message format',
: 1803       P 1779  1  (-3) AND 255,    'insufficient status',
: 1804       P 1780  1  (-4) AND 255,    'dialogue message out of order',
: 1805       P 1781  1  (-5) AND 255,    'NICE process program error',
: 1806       P 1782  1  (-6) AND 255,    'illegal error code',
: 1807       P 1783  1  (-7) AND 255,    'invalid error code',
: 1808       P 1784  1  (-8) AND 255,    'invalid line identification',
: 1809       P 1785  1  (-9) AND 255,    'line in wrong state',
: 1810       P 1786  1  (-10) AND 255,   'line communications error',
: 1811       P 1787  1  (-11) AND 255,   'invalid node identification',
: 1812       P 1788  1  (-12) AND 255,   'invalid server identification',
: 1813       P 1789  1  (-13) AND 255,   'invalid file',
: 1814       P 1790  1  (-14) AND 255,   'configuration database error',
: 1815       P 1791  1  (-15) AND 255,   'resource error',
: 1816       P 1792  1  (-16) AND 255,   'invalid parameter value',
: 1817       P 1793  1  (-17) AND 255,   'line protocol error',
: 1818       P 1794  1  (-18) AND 255,   'file i/o error',
: 1819       P 1795  1  (-19) AND 255,   'network communications error',
: 1820       P 1796  1  (-20) AND 255,   'no room for new entry',
: 1821       P 1797  1  (-21) AND 255,   'remote NICE process not available',
: 1822       P 1798  1
: 1823            1799  1  )
```

```
; 1825          1800  1
; 1826     P    1801  1   $NCP_BLDTBL                   ! Executor counters
; 1827     P    1802  1   (PH2EXECOU,
; 1828     P    1803  1
; 1829     P    1804  1   0,       'Seconds since last zeroed',
; 1830     P    1805  1   1,       'User messages sent',
; 1831     P    1806  1   2,       'User messages received',
; 1832     P    1807  1   3,       'Messages routed through',
; 1833     P    1808  1   4,       'Extraneous messages received',
; 1834     P    1809  1   5,       'Negative acknowledgements sent',
; 1835     P    1810  1   6,       'Messages timed out',
; 1836     P    1811  1   7,       'Unknown destination node',
; 1837     P    1812  1   8,       'Format errors in routing data',
; 1838     P    1813  1   9,       'Format errors other than routing',
; 1839     P    1814  1   10,      'Resource errors',
; 1840     P    1815  1   11,      'Successful neighbor initializations',
; 1841     P    1816  1   12,      'Unsuccessful neighbor initializations',
; 1842     P    1817  1   13,      'Currently active logical links',
; 1843     P    1818  1   14,      'Maximum logical links active',
; 1844     P    1819  1   15,      'Single messages send',
; 1845     P    1820  1   16,      'Single messages received',
; 1846     P    1821  1   17,      'Connects initiated',
; 1847     P    1822  1   18,      'Connects received',
; 1848     P    1823  1   64,      'Number of currently connected remotes',
; 1849     P    1824  1   65,      'Number of bytes transmitted',
; 1850     P    1825  1   66,      'Number of bytes received',
; 1851     P    1826  1   67,      'Number of bytes allocated for buffers',
; 1852     P    1827  1   68,      'Number of successful allocation attempts',
; 1853     P    1828  1   69,      'Number of unsuccessful buffer allocation attempts',
; 1854     P    1829  1
; 1855          1830  1   )
```

```
;  1857          1831  1
;  1858        P 1832  1  $NCP_BLDTBL                          ! Line counters
;  1859        P 1833  1  (PH2[INCOU,
;  1860        P 1834  1
;  1861        P 1835  1  0,       'Seconds since last zeroed',
;  1862        P 1836  1  1,       'Blocks received',
;  1863        P 1837  1  2,       'Blocks sent',
;  1864        P 1838  1  3,       'Retransmissions, line errors',
;  1865        P 1839  1  4,       'Received line errors',
;  1866        P 1840  1  5,       'Retransmissions, other than line errors and parity',
;  1867        P 1841  1  6,       'Receive timeouts',
;  1868        P 1842  1  7,       'Receive selection errors',
;  1869        P 1843  1  8,       'Resource errors',
;  1870        P 1844  1  64,      'Naks received--no buffer available',
;  1871        P 1845  1  65,      'Naks received--bad buffer bcc',
;  1872        P 1846  1  66,      'Naks received--bad data bcc',
;  1873        P 1847  1  67,      'Naks send--no buffers available',
;  1874        P 1848  1  68,      'Naks sent--bad header bcc',
;  1875        P 1849  1  69,      'Naks sent--bad data bcc',
;  1876        P 1850  1  70,      'Reps sent',
;  1877        P 1851  1  71,      'Reps received',
;  1878        P 1852  1
;  1879          1853  1  )
```

```
: 1881        1854  1
: 1882    P   1855  1   $NCP_BLDTBL                    ! Line type codes
: 1883    P   1856  1   (PH2LINES,
: 1884    P   1857  1
: 1885    P   1858  1   0.        'DP',
: 1886    P   1859  1   2.        'DU',
: 1887    P   1860  1   6.        'DQ',
: 1888    P   1861  1   8.        'DA',
: 1889    P   1862  1   10.       'DUP',
: 1890    P   1863  1   12.       'DMC',
: 1891    P   1864  1   14.       'DLV',
: 1892    P   1865  1   18.       'KL',
: 1893    P   1866  1   20.       'DT',
: 1894    P   1867  1   22.       'DV',
: 1895    P   1868  1   24.       'DZ',
: 1896    P   1869  1   28.       'KDP',
: 1897    P   1870  1   30.       'KDZ',
: 1898    P   1871  1
: 1899        1872  1   )
```

```
: 1901    1873  1 %SBTTL 'Object Listing of Tables'
: 1902    1874  1
: 1903    1875  1 END                                   !End of module
: 1904    1876  0 ELUDOM
```

NCPSTANOD
LIS

NCPSTAVRB
LIS

NCPSTASHL
LIS

NCPSTAOBJ
LIS

NCPSTATRI
LIS

NCPSTAZER
LIS

NCPTERMIO
LIS

NCPTABLES
LIS

NCPURBACT
LIS

NCPURBACT
LIS