```
NNN           NNN   MMM           MMM   LLL
NNN           NNN   MMM           MMM   LLL
NNN           NNN   MMM           MMM   LLL
NNN           NNN   MMMMMM    MMMMMM   LLL
NNN           NNN   MMMMMM    MMMMMM   LLL
NNN           NNN   MMMMMM    MMMMMM   LLL
NNNNNN        NNN   MMM   MMM   MMM   LLL
NNNNNN        NNN   MMM   MMM   MMM   LLL
NNNNNN        NNN   MMM   MMM   MMM   LLL
NNN   NNN     NNN   MMM         MMM   LLL
NNN   NNN     NNN   MMM         MMM   LLL
NNN   NNN     NNN   MMM         MMM   LLL
NNN       NNNNNN   MMM         MMM   LLL
NNN       NNNNNN   MMM         MMM   LLL
NNN       NNNNNN   MMM         MMM   LLL
NNN          NNN   MMM         MMM   LLL
NNN          NNN   MMM         MMM   LLL
NNN          NNN   MMM         MMM   LLL
NNN          NNN   MMM         MMM   LLLLLLLLLLLLLLL
NNN          NNN   MMM         MMM   LLLLLLLLLLLLLLL
NNN          NNN   MMM         MMM   LLLLLLLLLLLLLLL
```

```
NN      NN  MM      MM  LL          SSSSSSSS  EEEEEEEEEE  DDDDDDDD   EEEEEEEEEE   SSSSSSSS  TTTTTTTTTT
NN      NN  MM      MM  LL          SSSSSSSS  EEEEEEEEEE  DDDDDDDD   EEEEEEEEEE   SSSSSSSS  TTTTTTTTTT
NN      NN  MMMM  MMMM  LL        SS          EE          DD      DD EE           SS              TT
NN      NN  MMMM  MMMM  LL        SS          EE          DD      DD EE           SS              TT
NNNN    NN  MM  MM  MM  LL        SS          EE          DD      DD EE           SS              TT
NNNN    NN  MM  MM  MM  LL        SS          EE          DD      DD EE           SS              TT
NN  NN  NN  MM      MM  LL          SSSSSS    EEEEEEEE    DD      DD EEEEEEEE       SSSSSS        TT
NN  NN  NN  MM      MM  LL          SSSSSS    EEEEEEEE    DD      DD EEEEEEEE       SSSSSS        TT
NN    NNNN  MM      MM  LL                SS  EE          DD      DD EE                   SS      TT
NN    NNNN  MM      MM  LL                SS  EE          DD      DD EE                   SS      TT
NN      NN  MM      MM  LL                SS  EE          DD      DD EE                   SS      TT
NN      NN  MM      MM  LL                SS  EE          DD      DD EE                   SS      TT
NN      NN  MM      MM  LLLLLLLLLL  SSSSSSSS  EEEEEEEEEE  DDDDDDDD   EEEEEEEEEE  SSSSSSSS      TT
NN      NN  MM      MM  LLLLLLLLLL  SSSSSSSS  EEEEEEEEEE  DDDDDDDD   EEEEEEEEEE  SSSSSSSS      TT

LL            IIIIII    SSSSSSSS
LL            IIIIII    SSSSSSSS
LL              II    SS
LL              II    SS
LL              II    SS
LL              II    SS
LL              II      SSSSSS
LL              II      SSSSSS
LL              II            SS
LL              II            SS
LL              II            SS
LL              II            SS
LLLLLLLLLL    IIIIII    SSSSSSSS
LLLLLLLLLL    IIIIII    SSSSSSSS
```

Table of contents

```
0000     1          .TITLE  NML$SETDEFSTATE SET/DEFINE PARAMETER STATE TABLES
0000     2          .IDENT  'V04-000'
0000     3
0000     4  ;
0000     5  ;**********************************************************************************
0000     6  ;*                                                                                *
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0000    24  ;*                                                                                *
0000    25  ;*                                                                                *
0000    26  ;**********************************************************************************
0000    27  ;
0000    28
0000    29  ;++
0000    30  ; FACILITY:     DECnet-VAX Network Management Listener
0000    31  ;
0000    32  ; ABSTRACT:
0000    33  ;
0000    34  ;    This module contains the NPARSE state tables for processing the
0000    35  ;    NCP SET and DEFINE command message parameters.
0000    36  ;
0000    37  ; ENVIRONMENT:  VAX/VMS Operating System
0000    38  ;
0000    39  ; AUTHOR:  Distributed Systems Software Engineering
0000    40  ;
0000    41  ; CREATION DATE: 6-November-1979
0000    42  ;
0000    43  ; MODIFIED BY:
0000    44  ;
0000    45  ;       V03-012 MKP0020         Kathy Perko             25-Mar-1984
0000    46  ;               Fix area 1 problem.  Convert area 0 to area 1 for Phase IV
0000    47  ;               NCPs and to the executor's area for Phase III NCPs.
0000    48  ;               Fix SET X29-SERVER DEST FOO NODE BAR so that the node
0000    49  ;               parameter uses the node parameter ID instead of the counter
0000    50  ;               timer parameter id.
0000    51  ;
0000    52  ;       V03-011 MKP0019         Kathy Perko             10-Jan-1984
0000    53  ;               Add X25 Access Module entity parameters.
0000    54  ;
0000    55  ;       V03-010 MKP0018         Kathy Perko             7-Jan-1984
0000    56  ;               Add node parameter SERVICE NODE VERSION.
0000    57  ;
```

```
0000     58 ;        V03-009 MKP0017         Kathy Perko             13-Nov-1983
0000     59 ;                Add NMA$C_PCNO_NN$ and redo NMA$C_PCNO_AD$ so that, when
0000     60 ;                the executor name or address is being changed in the
0000     61 ;                permanent database, different routines are called than
0000     62 ;                are called for remotes.
0000     63 ;                Add SERVICE NODE VERSION node parameter.
0000     64 ;
0000     65 ;        V03-008 MKP0016         Kathy Perko             30-July-1983
0000     66 ;                Add EXECUTOR parameter, ALIAS.
0000     67 ;
0000     68 ;        V03-007 MKP0016         Kathy Perko             21-April-1983
0000     69 ;                Delete forwarding buffer size from executor database.
0000     70 ;
0000     71 ;        V03-006 MKP0015         Kathy Perko             23-Jan-1983
0000     72 ;                Add Configurator Module entity parameters.  Also, delete
0000     73 ;                the node proxy parameter (it's function is performed by
0000     74 ;                the DECnet user authorization proxy login file).
0000     75 ;
0000     76 ;        V03-005 MKP0014         Kathy Perko             19-Dec-1982
0000     77 ;                Add Ethernet Protocol type parameter (EPT) to line database.
0000     78 ;
0000     79 ;        V03-004 MKP0013         Kathy Perko             27-Sept-1982
0000     80 ;                Reduce checking NML does for coded parameter values.  This
0000     81 ;                makes it easier to add new values since only NCP gets
0000     82 ;                involved then.
0000     83 ;
0000     84 ;        V03-003 MKP0012         Kathy Perko             2-Sept-1982
0000     85 ;                Redo checking for X25-Protocol Groups to make sure the
0000     86 ;                entity and qualifier have a legal format.
0000     87 ;
0000     88 ;        V03-002 MKP0011         Kathy Perko             28-June-1982
0000     89 ;                Redo qualifier parsing to save the qualifier's CPT
0000     90 ;                index instead of the network management parameter ID.
0000     91 ;                Add X25 and X29 Server, and X25 Trace module parameters.
0000     92 ;
0000     93 ;        V03-001 MKP0010         Kathy Perko             22-Feb-1982
0000     94 ;                Redo X-25 Protocol Module parameter parsing.
0000     95 ;                Fix parsing of circuit OWNER parameter to validate only
0000     96 ;                executor node value, and save it as a bit for the SET
0000     97 ;                or DEFINE operation.
0000     98 ;
0000     99 ;        V02-010 MKP0009         Kathy Perko             15-Feb-1982
0000    100 ;                Reinstate pipeline quota as an executor node parameter
0000    101 ;
0000    102 ;        V02-009 MKP0008         Kathy Perko             19-Jan-1982
0000    103 ;                Add circuit parameter, transport protocol (NMA$C_PCCI_XPT).
0000    104 ;
0000    105 ;        V02-008 MKP0007         Kathy Perko             7-Jan-1982
0000    106 ;                One more time, now -- move the RTT parameter from circuits
0000    107 ;                back to lines.
0000    108 ;
0000    109 ;        V02-007 MKP0006         Kathy Perko             20-Dec-1981
0000    110 ;                Add proxy login access parameters for nodes and objects.
0000    111 ;                Add DEC system 10/20 as an allowable CPU type for nodes.
0000    112 ;                Add DMF to device list for nodes.
0000    113 ;
0000    114 ;        V02-006 MKP0005         Kathy Perko             05-Dec-1981
```

```
0000   115 ;               Complete node service device list.  Add ACCESS parameter
0000   116 ;               to allowable executor node parameters
0000   117 ;
0000   118 ;       V02-005 MKP0004         Kathy Perko             19-Nov-1981
0000   119 ;               Fix X25 protocol module parsing to check for grouping
0000   120 ;               errors.
0000   121 ;
0000   122 ;       V02-004 MKP0003         Kathy Perko             13-Nov-1981
0000   123 ;               Add line clock parameter.
0000   124 ;
0000   125 ;       V02-003 MKP0002         Kathy Perko             6-Sept-1981
0000   126 ;               Add VMS specific parameters: CIRCUIT VERIFICATION,
0000   127 ;               NODE ACCESS, EXECUTOR DEFAULT ACCESS and PIPELINE QUOTA.
0000   128 ;
0000   129 ;       V02-002 MKP0001         Kathy Perko             13-July-1981
0000   130 ;               Add multipoint and X25 parameters
0000   131 ;
0000   132 ;       V02-002 LMK0002         Len Kawell              15-Feb-1981
0000   133 ;               Enabled multi-point.
0000   134 ;
0000   135 ;       01.01   LMK0001         14-JAN-1981
0000   136 ;               Fix Software Type entry.
0000   137 ;--
```

```
0000    139          .SBTTL  Declarations
0000    140 ;
0000    141 ; INCLUDE FILES:
0000    142 ;
0000    143
0000    144 $NMADEF                          : Network Management Layer definitions
0000    145 $NMLDEF                          ; NML definitions
0000    146
0000    147 ;
0000    148 ; OWN STORAGE:
0000    149 ;
```

```
                        .SBTTL  NML$NPA_SEDECIR Set/Define circuit parameter state table

                ;++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                ;    Circuits
                ;----------------------------------------------------------

                IMSG$   NML$NPA_SEDECIR

                FIELD$
                $EOM    ,NPA$_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS       ; No parameters
                $NEXT

                FIELD$  NML_CIRCUIT_START
                $EOM    ,NPA$_EXIT
                $SBEXP  NML_CIRCUIT_STA,NML_CIRCUIT_START       ; State
                $NEXT

                FIELD$
                $SBEXP  NML_CIRCUIT_SER,NML_CIRCUIT_START       ; Service
                $NEXT

                FIELD$
                $SBEXP  NML_CIRCUIT_LCT,NML_CIRCUIT_START       ; Counter timer
                $NEXT

                FIELD$
                $SBEXP  NML_CIRCUIT_COS,NML_CIRCUIT_START       ; Cost
                $NEXT

                FIELD$
                $SBEXP  NML_CIRCUIT_MRT,NML_CIRCUIT_START       ; Maximum routers on NI
                $NEXT

                FIELD$
                $SBEXP  NML_CIRCUIT_RPR,NML_CIRCUIT_START       ; Router priority on NI
                $NEXT

                FIELD$
                $SBEXP  NML_CIRCUIT_HET,NML_CIRCUIT_START       ; Hello timer
                $NEXT

                FIELD$
                $SBEXP  NML_CIRCUIT_BLK,NML_CIRCUIT_START       ; Blocking
                $NEXT

                FIELD$
                $SBEXP  NML_CIRCUIT_MRC,NML_CIRCUIT_START       ; Maximum recalls
                $NEXT

                FIELD$
                $SBEXP  NML_CIRCUIT_RCT,NML_CIRCUIT_START       ; Recall timer
                $NEXT

                FIELD$
                $SBEXP  NML_CIRCUIT_NUM,NML_CIRCUIT_START       ; Number
                $NEXT
```

```
009C    208 FIELD$
0000    209 $SBEXP  NML_CIRCUIT_POL,NML_CIRCUIT_START       ; Polling state
0000    210 $NEXT
00A8    211
00A8    212 FIELD$
0000    213 $SBEXP  NML_CIRCUIT_OWN,NML_CIRCUIT_START       ; Owner entity
0000    214 $NEXT
00B4    215
00B4    216 FIELD$
0000    217 $SBEXP  NML_CIRCUIT_USE,NML_CIRCUIT_START       ; Usage
0000    218 $NEXT
00C0    219
00C0    220 FIELD$
0000    221 $SBEXP  NML_CIRCUIT_TYP,NML_CIRCUIT_START       ; Type
0000    222 $NEXT
00CC    223
00CC    224 FIELD$
0000    225 $SBEXP  NML_CIRCUIT_DTE,NML_CIRCUIT_START       ; DTE
0000    226 $NEXT
00D8    227
00D8    228 FIELD$
0000    229 $SBEXP  NML_CIRCUIT_CHN,NML_CIRCUIT_START       ; Channel
0000    230 $NEXT
00E4    231
00E4    232 FIELD$
0000    233 $SBEXP  NML_CIRCUIT_MBL,NML_CIRCUIT_START       ; Maximum block
0000    234 $NEXT
00F0    235
00F0    236 FIELD$
0000    237 $SBEXP  NML_CIRCUIT_MWI,NML_CIRCUIT_START       ; Maximum window
0000    238 $NEXT
00FC    239
00FC    240 FIELD$
0000    241 $SBEXP  NML_CIRCUIT_TRI,NML_CIRCUIT_START       ; Tributary
0000    242 $NEXT
0108    243
0108    244 FIELD$
0000    245 $SBEXP  NML_CIRCUIT_BBT,NML_CIRCUIT_START       ; Babble timer
0000    246 $NEXT
0114    247
0114    248 FIELD$
0000    249 $SBEXP  NML_CIRCUIT_TRT,NML_CIRCUIT_START       ; Transmit timer
0000    250 $NEXT
0120    251
0120    252 FIELD$
0000    253 $SBEXP  NML_CIRCUIT_MRB,NML_CIRCUIT_START       ; Maximum receive buffers
0000    254 $NEXT
012C    255
012C    256 FIELD$
0000    257 $SBEXP  NML_CIRCUIT_MTR,NML_CIRCUIT_START       ; Maximum transmits
0000    258 $NEXT
0138    259
0138    260 FIELD$
0000    261 $SBEXP  NML_CIRCUIT_ACB,NML_CIRCUIT_START       ; Active base
0000    262 $NEXT
0144    263
0144    264 FIELD$
```

```
0000    265 $SBEXP  NML_CIRCUIT_ACI,NML_CIRCUIT_START       ; Active increment
0000    266 $NEXT
0150    267
0150    268 FIELD$
0000    269 $SBEXP  NML_CIRCUIT_IAB,NML_CIRCUIT_START       ; Inactive base
0000    270 $NEXT
015C    271
015C    272 FIELD$
0000    273 $SBEXP  NML_CIRCUIT_IAI,NML_CIRCUIT_START       ; Inactive increment
0000    274 $NEXT
0168    275
0168    276 FIELD$
0000    277 $SBEXP  NML_CIRCUIT_IAT,NML_CIRCUIT_START       ; Inactive threshold
0000    278 $NEXT
0174    279
0174    280 FIELD$
0000    281 $SBEXP  NML_CIRCUIT_DYB,NML_CIRCUIT_START       ; Dying base
0000    282 $NEXT
0180    283
0180    284 FIELD$
0000    285 $SBEXP  NML_CIRCUIT_DYI,NML_CIRCUIT_START       ; Dying increment
0000    286 $NEXT
018C    287
018C    288 FIELD$
0000    289 $SBEXP  NML_CIRCUIT_DYT,NML_CIRCUIT_START       ; Dying threshold
0000    290 $NEXT
0198    291
0198    292 FIELD$
0000    293 $SBEXP  NML_CIRCUIT_DTH,NML_CIRCUIT_START       ; Dead threshold
0000    294 $NEXT
01A4    295
01A4    296 FIELD$
0000    297 $SBEXP  NML_CIRCUIT_VER,NML_CIRCUIT_START       ; Verification
0000    298 $NEXT
01B0    299
01B0    300 FIELD$
0000    301 $SBEXP  NML_CIRCUIT_XPT,NML_CIRCUIT_START       ; Transport protocol
0000    302 $NEXT
01BC    303
01BC    304 FIELD$
0000    305 $MATCH  2,NML_PTY_ERR                           ; Unrecognized parameter type
0000    306 $NULL   ,NML_FOR_ERR                            ; Format error
```

```
0000    308 FIELD$  NML_CIRCUIT_STA                         ; State parameter
0000    309 $WORD   NMA$C_PCCI_STA,,,CPT$GK_PCCI_STA,NML$GL_PRMCODE
0000    310 FIELD$
0000    311 $EOM    ,NML_FOR_ERR                            ; Format error
0000    312 $LOOK   NMA$C_STATE_ON,NML_BYTE_SUB             ; On
0000    313 $LOOK   NMA$C_STATE_OFF,NML_BYTE_SUB            ; Off
0000    314 $LOOK   NMA$C_STATE_SER,NML_BYTE_SUB            ; Service
0000    315 $LOOK   NMA$C_STATE_CLE,NML_BYTE_SUB            ; Cleared
0000    316 $NULL   ,NML_PVA_ERR                            ; Parameter value error
0000    317
0000    318 FIELD$  NML_CIRCUIT_SER                         ; Service parameter
0000    319 $WORD   NMA$C_PCCI_SER,,,CPT$GK_PCCI_SER,NML$GL_PRMCODE
0000    320 FIELD$
0000    321 $EOM    ,NML_FOR_ERR                            ; Format error
0000    322 $LOOK   NMA$C_LINSV_ENA,NML_BYTE_SUB            ; Enabled
0000    323 $LOOK   NMA$C_LINSV_DIS,NML_BYTE_SUB            ; Disabled
0000    324 $NULL   ,NML_PVA_ERR                            ; Parameter value error
0000    325
0000    326 FIELD$  NML_CIRCUIT_LCT                         ; Counter timer
0000    327 $WORD   NMA$C_PCCI_LCT,NML_WORD_SUB,,CPT$GK_PCCI_LCT,NML$GL_PRMCODE
0000    328
0000    329 FIELD$  NML_CIRCUIT_COS                         ; Cost
0000    330 $WORD   NMA$C_PCCI_COS,NML_BYTE_SUB,,CPT$GK_PCCI_COS,NML$GL_PRMCODE
0000    331
0000    332 FIELD$  NML_CIRCUIT_MRT                         ; Maximum routers on NI
0000    333 $WORD   NMA$C_PCCI_MRT,NML_BYTE_SUB,,CPT$GK_PCCI_MRT,NML$GL_PRMCODE
0000    334
0000    335 FIELD$  NML_CIRCUIT_RPR                         ; Router priority on NI
0000    336 $WORD   NMA$C_PCCI_RPR,NML_BYTE_SUB,,CPT$GK_PCCI_RPR,NML$GL_PRMCODE
0000    337
0000    338 FIELD$  NML_CIRCUIT_HET                         ; Hello timer
0000    339 $WORD   NMA$C_PCCI_HET,NML_WORD_SUB,,CPT$GK_PCCI_HET,NML$GL_PRMCODE
0000    340
0000    341 FIELD$  NML_CIRCUIT_BLK                         ; Blocking
0000    342 $WORD   NMA$C_PCCI_BLK,,,CPT$GK_PCCI_BLK,NML$GL_PRMCODE
0000    343 FIELD$
0000    344 $EOM    ,NML_FOR_ERR                            ; Format error
0000    345 $LOOK   NMA$C_CIRBLK_ENA,NML_BYTE_SUB           ; Enabled
0000    346 $LOOK   NMA$C_CIRBLK_DIS,NML_BYTE_SUB           ; Disabled
0000    347 $NULL   ,NML_PVA_ERR                            ; Parameter value error
0000    348
0000    349 FIELD$  NML_CIRCUIT_MRC                         ; Maximum recalls
0000    350 $WORD   NMA$C_PCCI_MRC,NML_BYTE_SUB,,CPT$GK_PCCI_MRC,NML$GL_PRMCODE
0000    351
0000    352 FIELD$  NML_CIRCUIT_RCT                         ; Recall timer
0000    353 $WORD   NMA$C_PCCI_RCT,NML_WORD_SUB,,CPT$GK_PCCI_RCT,NML$GL_PRMCODE
0000    354
0000    355 FIELD$  NML_CIRCUIT_NUM                         ; Number
0000    356 $WORD   NMA$C_PCCI_NUM,NML_IMG_SUB,,CPT$GK_PCCI_NUM,NML$GL_PRMCODE
0000    357
0000    358 FIELD$  NML_CIRCUIT_POL                         ; Polling state
0000    359 $WORD   NMA$C_PCCI_POL,,,CPT$GK_PCCI_POL,NML$GL_PRMCODE
0000    360 FIELD$
0000    361 $EOM    ,NML_FOR_ERR                            ; Format error
0000    362 $LOOK   NMA$C_CIRPST_AUT,NML_BYTE_SUB           ; Automatic
0000    363 $LOOK   NMA$C_CIRPST_ACT,NML_BYTE_SUB           ; Active
0000    364 $LOOK   NMA$C_CIRPST_INA,NML_BYTE_SUB           ; Inactive
```

```
0000    365 $LOOK   NMA$C_CIRPST_DIE,NML_BYTE_SUB   ; Dying
0000    366 $LOOK   NMA$C_CIRPST_DED,NML_BYTE_SUB   ; Dead
0000    367 $NULL   ,NML_PVA_ERR                    ; Parameter value error
0000    368
0000    369 FIELD$  NML_CIRCUIT_OWN                 ; Owner entity identification
0000    370 $WORD   NMA$C_PCCI_OWN,NML_OWN_PRM,,CPT$GK_PCCI_OWN,NML$GL_PRMCODE
0000    371
0000    372 FIELD$  NML_OWN_PRM
0000    373 $SBEXP  NML_OWN_SUB,NPA$_EXIT
0000    374 $NULL   ,NML_PVA_ERR
0000    375
0000    376 FIELD$  NML_OWN_SUB                     ; The only valid owner is EXECUTOR node.
0000    377 $BYTE   NMA$C_ENT_NOD,NML_CHK_NODADR    ; Check for entity type = node
0000    378        ; Return failure from subexpression
0000    379 FIELD$  NML_CHK_NODADR
0000    380 $LOOK   0,NML_CHK_EXEADR
0000    381 $IMAGE  16,NPA$_EXIT,NML$PRM_CIRC_OWNER, - ; Save parameter as a set bit.
0000    382                ,,NMA$C_PCNO_NNA
0000    383
0000    384 FIELD$  NML_CHK_EXEADR                  ; Check for executor node address.
0000    385 $MATCH  3,NPA$_EXIT,NML$PRM_CIRC_OWNER, -
0000    386                ,,NMA$C_PCNO_ADD
0000    387
0000    388
0000    389 FIELD$  NML_CIRCUIT_USE                 ; Usage
0000    390 $WORD   NMA$C_PCCI_USE,,,CPT$GK_PCCI_USE,NML$GL_PRMCODE
0000    391 FIELD$
0000    392 $EOM    ,NML_FOR_ERR                    ; Format error
0000    393 $LOOK   NMA$C_CIRUS_PER,NML_BYTE_SUB    ; Permanent
0000    394 $LOOK   NMA$C_CIRUS_INC,NML_BYTE_SUB    ; Incoming
0000    395 $LOOK   NMA$C_CIRUS_OUT,NML_BYTE_SUB    ; Outgoing
0000    396 $NULL   ,NML_PVA_ERR                    ; Parameter value error
0000    397
0000    398 FIELD$  NML_CIRCUIT_TYP                 ; Type
0000    399 $WORD   NMA$C_PCCI_TYP,,,CPT$GK_PCCI_TYP,NML$GL_PRMCODE
0000    400 FIELD$
0000    401 $EOM    ,NML_FOR_ERR                    ; Format error
0000    402 $LOOK   NMA$C_CIRTY_POI,NML_BYTE_SUB    ; DDCMP Point
0000    403 $LOOK   NMA$C_CIRTY_CON,NML_BYTE_SUB    ; DDCMP Controller
0000    404 $LOOK   NMA$C_CIRTY_TRI,NML_BYTE_SUB    ; DDCMP Tributary
0000    405 $LOOK   NMA$C_CIRTY_X25,NML_BYTE_SUB    ; X25
0000    406 $LOOK   NMA$C_CIRTY_DMC,NML_BYTE_SUB    ; DDCMP DMC compatibility mode (DMP)
0000    407 $NULL   ,NML_PVA_ERR                    ; Parameter value error
0000    408
0000    409 FIELD$  NML_CIRCUIT_DTE                 ; DTE
0000    410 $WORD   NMA$C_PCCI_DTE,NML_IMG_SUB,,CPT$GK_PCCI_DTE,NML$GL_PRMCODE
0000    411
0000    412 FIELD$  NML_CIRCUIT_CHN                 ; Channel
0000    413 $WORD   NMA$C_PCCI_CHN,NML_WORD_SUB,,CPT$GK_PCCI_CHN,NML$GL_PRMCODE
0000    414
0000    415 FIELD$  NML_CIRCUIT_MBL                 ; Maximum block
0000    416 $WORD   NMA$C_PCCI_MBL,NML_WORD_SUB,,CPT$GK_PCCI_MBL,NML$GL_PRMCODE
0000    417
0000    418 FIELD$  NML_CIRCUIT_MWI                 ; Maximum window
0000    419 $WORD   NMA$C_PCCI_MWI,NML_BYTE_SUB,,CPT$GK_PCCI_MWI,NML$GL_PRMCODE
0000    420
0000    421 FIELD$  NML_CIRCUIT_TRI                 ; Tributary
```

```
0000    422 $WORD   NMA$C_PCCI_TRI,NML_BYTE_SUB,,CPT$GK_PCCI_TRI,NML$GL_PRMCODE
0000    423
0000    424 FIELD$  NML_CIRCUIT_BBT                     ; Babble timer
0000    425 $WORD   NMA$C_PCCI_BBT,NML_WORD_SUB,,CPT$GK_PCCI_BBT,NML$GL_PRMCODE
0000    426
0000    427 FIELD$  NML_CIRCUIT_TRT                     ; Transmit timer
0000    428 $WORD   NMA$C_PCCI_TRT,NML_WORD_SUB,,CPT$GK_PCCI_TRT,NML$GL_PRMCODE
0000    429
0000    430 FIELD$  NML_CIRCUIT_MRB                     ; Maximum receive buffers
0000    431 $WORD   NMA$C_PCCI_MRB,NML_BYTE_SUB,,CPT$GK_PCCI_MRB,NML$GL_PRMCODE
0000    432
0000    433 FIELD$  NML_CIRCUIT_MTR                     ; Maximum transmits
0000    434 $WORD   NMA$C_PCCI_MTR,NML_BYTE_SUB,,CPT$GK_PCCI_MTR,NML$GL_PRMCODE
0000    435
0000    436 FIELD$  NML_CIRCUIT_ACB                     ; Active base
0000    437 $WORD   NMA$C_PCCI_ACB,NML_BYTE_SUB,,CPT$GK_PCCI_ACB,NML$GL_PRMCODE
0000    438
0000    439 FIELD$  NML_CIRCUIT_ACI                     ; Active increment
0000    440 $WORD   NMA$C_PCCI_ACI,NML_BYTE_SUB,,CPT$GK_PCCI_ACI,NML$GL_PRMCODE
0000    441
0000    442 FIELD$  NML_CIRCUIT_IAB                     ; Inactive base
0000    443 $WORD   NMA$C_PCCI_IAB,NML_BYTE_SUB,,CPT$GK_PCCI_IAB,NML$GL_PRMCODE
0000    444
0000    445 FIELD$  NML_CIRCUIT_IAI                     ; Inactive increment
0000    446 $WORD   NMA$C_PCCI_IAI,NML_BYTE_SUB,,CPT$GK_PCCI_IAI,NML$GL_PRMCODE
0000    447
0000    448 FIELD$  NML_CIRCUIT_IAT                     ; Inactive threshold
0000    449 $WORD   NMA$C_PCCI_IAT,NML_BYTE_SUB,,CPT$GK_PCCI_IAT,NML$GL_PRMCODE
0000    450
0000    451 FIELD$  NML_CIRCUIT_DYB                     ; Dying base
0000    452 $WORD   NMA$C_PCCI_DYB,NML_BYTE_SUB,,CPT$GK_PCCI_DYB,NML$GL_PRMCODE
0000    453
0000    454 FIELD$  NML_CIRCUIT_DYI                     ; Dying increment
0000    455 $WORD   NMA$C_PCCI_DYI,NML_BYTE_SUB,,CPT$GK_PCCI_DYI,NML$GL_PRMCODE
0000    456
0000    457 FIELD$  NML_CIRCUIT_DYT                     ; Dying threshold
0000    458 $WORD   NMA$C_PCCI_DYT,NML_BYTE_SUB,,CPT$GK_PCCI_DYT,NML$GL_PRMCODE
0000    459
0000    460 FIELD$  NML_CIRCUIT_DTH                     ; Dead threshold
0000    461 $WORD   NMA$C_PCCI_DTH,NML_BYTE_SUB,,CPT$GK_PCCI_DTH,NML$GL_PRMCODE
0000    462
0000    463 FIELD$  NML_CIRCUIT_VER                     ; Verification
0000    464 $WORD   NMA$C_PCCI_VER,,,CPT$GK_PCCI_VER,NML$GL_PRMCODE
0000    465 FIELD$
0000    466 $EOM    ,NML_FOR_ERR                        ; Format error
0000    467 $LOOK   NMA$C_CIRVE_ENA,NML_BYTE_SUB        ; Enabled
0000    468 $LOOK   NMA$C_CIRVE_DIS,NML_BYTE_SUB        ; Disabled
0000    469 $NULL   ,NML_PVA_ERR                        ; Parameter value error
0000    470
0000    471 FIELD$  NML_CIRCUIT_XPT                     ; Transport protocol
0000    472 $WORD   NMA$C_PCCI_XPT,NML_BYTE_SUB,,CPT$GK_PCCI_XPT,NML$GL_PRMCODE
0000    473
0000    474 FIELD$                                      ; End of circuit parameter states
```

```
                        .SBTTL  NML$NPA_SEDELIN Set/Define line parameter state table

                ;++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                ;    line
                ;----------------------------------------------------------------------

                IMSG$   NML$NPA_SEDELIN

                FIELD$
                $EOM    ,NPA$_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS       ; No parameters
                $NEXT

                FIELD$  NML_LIN_START
                $EOM    ,NPA$_EXIT
                $SBEXP  NML_LIN_STA,NML_LIN_START       ; State
                $NEXT

                FIELD$
                $SBEXP  NML_LIN_SER,NML_LIN_START       ; Service
                $NEXT

                FIELD$
                $SBEXP  NML_LIN_LCT,NML_LIN_START       ; Counter timer
                $NEXT

                FIELD$
                $SBEXP  NML_LIN_PRO,NML_LIN_START       ; Protocol
                $NEXT

                FIELD$
                $SBEXP  NML_LIN_DUP,NML_LIN_START       ; Duplex
                $NEXT

                FIELD$
                $SBEXP  NML_LIN_CON,NML_LIN_START       ; Controller
                $NEXT

                FIELD$
                $SBEXP  NML_LIN_CLO,NML_LIN_START       ; Clock
                $NEXT

                FIELD$
                $SBEXP  NML_LIN_STI,NML_LIN_START       ; Service timer
                $NEXT

                FIELD$
                $SBEXP  NML_LIN_RTT,NML_LIN_START       ; Retransmit timer
                $NEXT

                FIELD$
                $SBEXP  NML_LIN_HTI,NML_LIN_START       ; Holdback timer
                $NEXT

                FIELD$
                $SBEXP  NML_LIN_MBL,NML_LIN_START       ; Maximum block
                $NEXT
```

```
06E4    533 FIELD$
0000    534 $SBEXP  NML_LIN_MRT,NML_LIN_START       ; Maximum retransmits
0000    535 $NEXT
06F0    536
06F0    537 FIELD$
0000    538 $SBEXP  NML_LIN_MWI,NML_LIN_START       ; Maximum window
0000    539 $NEXT
06FC    540
06FC    541 FIELD$
0000    542 $SBEXP  NML_LIN_SLT,NML_LIN_START       ; Scheduling timer
0000    543 $NEXT
0708    544
0708    545 FIELD$
0000    546 $SBEXP  NML_LIN_DDT,NML_LIN_START       ; Dead timer
0000    547 $NEXT
0714    548
0714    549 FIELD$
0000    550 $SBEXP  NML_LIN_DLT,NML_LIN_START       ; Delay timer
0000    551 $NEXT
0720    552
0720    553 FIELD$
0000    554 $SBEXP  NML_LIN_SRT,NML_LIN_START       ; Stream timer
0000    555 $NEXT
072C    556
072C    557 FIELD$
0000    558 $SBEXP  NML_LIN_BFN,NML_LIN_START       ; Receive buffer size
0000    559 $NEXT
0738    560
0738    561 FIELD$
0000    562 $SBEXP  NML_LIN_MCD,NML_LIN_START       ; Microcode dump filespec (write only)
0000    563 $NEXT
0744    564
0744    565 FIELD$
0000    566 $SBEXP  NML_LIN_XMD,NML_LIN_START       ; PCL address mode
0000    567 $NEXT
0750    568
0750    569 FIELD$
0000    570 $SBEXP  NML_LIN_EPT,NML_LIN_START       ; Ethernet Protocol type for datalink
0000    571 $NEXT
075C    572
075C    573 FIELD$
0000    574 $SBEXP  NML_LIN_BSZ,NML_LIN_START       ; Ethernet buffer size
0000    575 $NEXT
0768    576
0768    577 FIELD$
0000    578 $MATCH  2,NML_PTY_ERR                   ; Unrecognized parameter type
0000    579 $NULL   ,NML_FOR_ERR                    ; Format error
0000    580
0000    581 FIELD$  NML_LIN_STA                     ; State parameter
0000    582 $WORD   NMA$C_PCLI_STA,,,CPT$GK_PCLI_STA,NML$GL_PRMCODE
0000    583 FIELD$
0000    584 $EOM    ,NML_FOR_ERR                    ; Format error
0000    585 $LOOK   NMA$C_STATE_ON,NML_BYTE_SUB     ; On
0000    586 $LOOK   NMA$C_STATE_OFF,NML_BYTE_SUB    ; Off
0000    587 $LOOK   NMA$C_STATE_SER,NML_BYTE_SUB    ; Service
0000    588 $NULL   ,NML_PVA_ERR                    ; Parameter value error
0000    589
```

```
0000    590 FIELD$  NML_LIN_SER                         ; Service parameter
0000    591 $WORD   NMA$C_PCLI_SER,,,CPT$GK_PCLI_SER,NML$GL_PRMCODE
0000    592 FIELD$
0000    593 $EOM    ,NML_FOR_ERR                        ; Format error
0000    594 $LOOK   NMA$C_LINSV_ENA,NML_BYTE_SUB        ; Enabled
0000    595 $LOOK   NMA$C_LINSV_DIS,NML_BYTE_SUB        ; Disabled
0000    596 $NULL   ,NML_PVA_ERR                        ; Parameter value error
0000    597
0000    598 FIELD$  NML_LIN_LCT                         ; Counter timer
0000    599 $WORD   NMA$C_PCLI_LCT,NML_WORD_SUB,,CPT$GK_PCLI_LCT,NML$GL_PRMCODE
0000    600
0000    601 FIELD$  NML_LIN_PRO                         ; Protocol parameter
0000    602 $WORD   NMA$C_PCLI_PRO,NML_BYTE_SUB,,CPT$GK_PCLI_PRO,NML$GL_PRMCODE
0000    603
0000    604 FIELD$  NML_LIN_DUP                         ; Duplex parameter
0000    605 $WORD   NMA$C_PCLI_DUP,,,CPT$GK_PCLI_DUP,NML$GL_PRMCODE
0000    606 FIELD$
0000    607 $EOM    ,NML_FOR_ERR                        ; Format error
0000    608 $LOOK   NMA$C_DPX_FUL,NML_BYTE_SUB          ; Full duplex
0000    609 $LOOK   NMA$C_DPX_HAL,NML_BYTE_SUB          ; Half duplex
0000    610 $NULL   ,NML_PVA_ERR                        ; Parameter value error
0000    611
0000    612 FIELD$  NML_LIN_CON                         ; Controller mode parameter
0000    613 $WORD   NMA$C_PCLI_CON,,,CPT$GK_PCLI_CON,NML$GL_PRMCODE
0000    614 FIELD$
0000    615 $EOM    ,NML_FOR_ERR                        ; Format error
0000    616 $LOOK   NMA$C_LINCN_NOR,NML_BYTE_SUB        ; Normal
0000    617 $LOOK   NMA$C_LINCN_LOO,NML_BYTE_SUB        ; Loopback
0000    618 $NULL   ,NML_PVA_ERR                        ; Parameter value error
0000    619
0000    620 FIELD$  NML_LIN_CLO                         ; Clockparameter
0000    621 $WORD   NMA$C_PCLI_CLO,,,CPT$GK_PCLI_CLO,NML$GL_PRMCODE
0000    622 FIELD$
0000    623 $EOM    ,NML_FOR_ERR                        ; Format error
0000    624 $LOOK   NMA$C_LINCL_EXT,NML_BYTE_SUB        ; External
0000    625 $LOOK   NMA$C_LINCL_INT,NML_BYTE_SUB        ; Internal
0000    626 $NULL   ,NML_PVA_ERR                        ; Parameter value error
0000    627
0000    628 FIELD$  NML_LIN_STI                         ; Service timer parameter
0000    629 $WORD   NMA$C_PCLI_STI,NML_WORD_SUB,,CPT$GK_PCLI_STI,NML$GL_PRMCODE
0000    630
0000    631 FIELD$  NML_LIN_RTT                         ; Retransmit timer
0000    632 $WORD   NMA$C_PCLI_RTT,NML_WORD_SUB,,CPT$GK_PCLI_RTT,NML$GL_PRMCODE
0000    633
0000    634 FIELD$  NML_LIN_HTI                         ; Holdback timer parameter
0000    635 $WORD   NMA$C_PCLI_HTI,NML_WORD_SUB,,CPT$GK_PCLI_HTI,NML$GL_PRMCODE
0000    636
0000    637 FIELD$  NML_LIN_MBL                         ; Maximum block parameter
0000    638 $WORD   NMA$C_PCLI_MBL,NML_WORD_SUB,,CPT$GK_PCLI_MBL,NML$GL_PRMCODE
0000    639
0000    640 FIELD$  NML_LIN_MRT                         ; Maximum retransmits parameter
0000    641 $WORD   NMA$C_PCLI_MRT,NML_BYTE_SUB,,CPT$GK_PCLI_MRT,NML$GL_PRMCODE
0000    642
0000    643 FIELD$  NML_LIN_MWI                         ; Maximum window parameter
0000    644 $WORD   NMA$C_PCLI_MWI,NML_BYTE_SUB,,CPT$GK_PCLI_MWI,NML$GL_PRMCODE
0000    645
0000    646 FIELD$  NML_LIN_SLT                         ; Scheduling timer parameter
```

```
0000    647 $WORD   NMA$C_PCLI_SLT,NML_WORD_SUB,,CPT$GK_PCLI_SLT,NML$GL_PRMCODE
0000    648
0000    649 FIELD$  NML_LIN_DDT                         ; Dead timer parameter
0000    650 $WORD   NMA$C_PCLI_DDT,NML_WORD_SUB,,CPT$GK_PCLI_DDT,NML$GL_PRMCODE
0000    651
0000    652 FIELD$  NML_LIN_DLT                         ; Maximum retransmits parameter
0000    653 $WORD   NMA$C_PCLI_DLT,NML_WORD_SUB,,CPT$GK_PCLI_DLT,NML$GL_PRMCODE
0000    654
0000    655 FIELD$  NML_LIN_SRT                         ; Maximum retransmits parameter
0000    656 $WORD   NMA$C_PCLI_SRT,NML_WORD_SUB,,CPT$GK_PCLI_SRT,NML$GL_PRMCODE
0000    657
0000    658 FIELD$  NML_LIN_BFN                         ; Buffer size
0000    659 $WORD   NMA$C_PCLI_BFN,NML_WORD_SUB,,CPT$GK_PCLI_BFN,NML$GL_PRMCODE
0000    660
0000    661 FIELD$  NML_LIN_MCD                         ; Microcode dump filespec (WO)
0000    662 $WORD   NMA$C_PCLI_MCD,NML_IMG_SUB,,CPT$GK_PCLI_MCD,NML$GL_PRMCODE
0000    663
0000    664 FIELD$  NML_LIN_XMD                         ; PCL address mode
0000    665 $WORD   NMA$C_PCLI_XMD,NML_BYTE_SUB,,CPT$GK_PCLI_XMD,NML$GL_PRMCODE
0000    666
0000    667 FIELD$  NML_LIN_EPT                         ; Ethernet Protocol Type
0000    668 $WORD   NMA$C_PCLI_EPT,NML_WORD_SUB,,CPT$GK_PCLI_EPT,NML$GL_PRMCODE
0000    669
0000    670 FIELD$  NML_LIN_BSZ                         ; Ethernet Buffer Size
0000    671 $WORD   NMA$C_PCLI_BSZ,NML_WORD_SUB,,CPT$GK_PCLI_BSZ,NML$GL_PRMCODE
0000    672
0000    673 FIELD$                                      ; End of line parameter states
```

```
                                                D 8
0000    675          .SBTTL  NML$NPA_SEDELOG Set/Define logging parameter state table
0000    676
0000    677 ;+
0000    678 ;    logging
0000    679 ;-
0000    680
0000    681 IMSG$   NML$NPA_SEDELOG
0000    682
0000    683 FIELD$
0000    684 $EOM    ,NPA$_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS       ; No parameters
0000    685 $NEXT
0A04    686
0A04    687 FIELD$  NML_LOG_START
0000    688 $SBEXP  NML_LOG_STA,NML_LOG_START,NML$PRM_CHKESI ; State
0000    689 $NEXT
0A14    690
0A14    691 FIELD$
0000    692 $SBEXP  NML_LOG_LNA,NML_LOG_START,NML$PRM_CHKESI ; Name
0000    693 $NEXT
0A24    694
0A24    695 FIELD$
0000    696 $SBEXP  NML_LOG_SIN,NML_LOG_START,NML$PRM_CHKEFI,- ; Sink node
0000    697                 NML$M_PRS_SNKNOD,NML$GL_PRS_FLGS
0000    698 $NEXT
0A3C    699
0A3C    700 FIELD$
0000    701 $SBEXP  NML_LOG_EVE,NML_LOG_START,NML$PRM_CHKEFI ; Events
0000    702 $NEXT
0A4C    703
0A4C    704 FIELD$
0000    705 $EOM    ,NML_LOG_LAST,NML$PRSEXESNK     ; End of message
0000    706 $MATCH  2,NML_PTY_ERR                   ; Unrecognized parameter type
0000    707 $NULL   ,NML_FOR_ERR                    ; Format error
0000    708
0000    709 FIELD$  NML_LOG_LAST
0000    710 $NULL   ,NPA$_EXIT,NML$PRM_CHKEVE       ; Event parameter may be required
0000    711 ;
0000    712 ; Event logging parameters
0000    713 ;
0000    714 FIELD$  NML_LOG_STA                      ; State parameter
0000    715 $WORD   NMA$C_PCLO_STA,,,CPT$GK_PCLO_STA,NML$GL_PRMCODE
0000    716 FIELD$
0000    717 $EOM    ,NML_FOR_ERR                    ; Format error
0000    718 $LOOK   NMA$C_STATE_ON, NML_BYTE_SUB    ; On
0000    719 $LOOK   NMA$C_STATE_OFF,NML_BYTE_SUB    ; Off
0000    720 $LOOK   NMA$C_STATE_HOL,NML_BYTE_SUB    ; Hold
0000    721 $NULL   ,NML_PVA_ERR                    ; Parameter value error
0000    722
0000    723 FIELD$  NML_LOG_LNA                     ; Name parameter
0000    724 $WORD   NMA$C_PCLO_LNA,NML_IMG_SUB,,CPT$GK_PCLO_LNA,NML$GL_PRMCODE
0000    725
0000    726
0000    727 FIELD$  NML_LOG_EVE                     ; Event parameter
0000    728 $WORD   NMA$C_PCLO_EVE,,,CPT$GK_PCLO_EVE,NML$GL_PRMCODE
0000    729 FIELD$  NML_EVE_SUB
0000    730 $BYTE   NMA$C_ENT_KNO,NML_EVE_CLASS,NML$PRM_EVTSRCTYP  ; No entity specified
0000    731 $BYTE   NMA$C_ENT_NOD,NML_EVE_NODEID,NML$PRM_EVTSRCTYP ; Node entity
```

```
0000    732 $BYTE   NMA$C_ENT_CIR,NML_EVE_STRING_ID,NML$PRM_EVTSRCTYP ; Circuit entity
0000    733 $BYTE   NMA$C_ENT_LIN,NML_EVE_STRING_ID,NML$PRM_EVTSRCTYP ; Line entity
0000    734 $BYTE   NMA$C_ENT_MOD,NML_EVE_STRING_ID,NML$PRM_EVTSRCTYP ; Module entity
0000    735 $NULL   ,NML_FOR_ERR                                      ; Message format error
0000    736
0000    737 FIELD$  NML_EVE_NODEID                                    ; Source node id
0000    738 $LOOK   0,NML_EVE_NODNUM
0000    739 $IMAGE  6,NML_EVE_CLASS,NML$PRM_EVTSOURCE
0000    740
0000    741 FIELD$  NML_EVE_NODNUM
0000    742 $MATCH  3,NML_EVE_CLASS,NML$PRM_EVTSOURCE
0000    743
0000    744 FIELD$  NML_EVE_STRING_ID                                 ; Source string id (circuits, lines,
0000    745 $IMAGE  16,NML_EVE_CLASS,NML$PRM_EVTSOURCE                ; and modules
0000    746
0000    747 FIELD$  NML_EVE_CLASS
0000    748 $EOM    ,NML_FOR_ERR                                      ; Message format error
0000    749 $MATCH  1,NML_EVE_CLASS2,NML$PRM_EVTCLASS                 ; Match class byte
0000    750
0000    751 FIELD$  NML_EVE_CLASS2
0000    752 $EXTZV  <0,6,2,NPA$_ADVANCE>,NML_EVE_LIST,NML$PRM_EVTMSKTYP ; Single class
0000    753 $EXTZV  <2,6,2,NPA$_ADVANCE>,NPA$_EXIT,NML$PRM_EVTMSKTYP    ; Entire class
0000    754 $EXTZV  <3,6,2,NPA$_ADVANCE>,NPA$_EXIT,NML$PRM_EVTMSKTYP    ; Known events
0000    755
0000    756 FIELD$  NML_EVE_LIST
0000    757 $IMAGE  8,NPA$_EXIT,NML$PRM_EVTMASK
0000    758 $NULL   ,NML_FOR_ERR                                      ; Message format error
0000    759
0000    760 FIELD$  NML_LOG_SIN                                       ; Sink node parameter
0000    761 $WORD   NMA$C_PCLO_SIN,,,CPT$GK_PCLO_SIN,NML$GL_PRMCODE
0000    762 FIELD$
0000    763 $LOOK   0,NML_LOG_SINADR
0000    764 $IMAGE  6,NPA$_EXIT,NML$PRSSNKNNA                         ; Sink node name
0000    765 $NULL   ,NML_FOR_ERR                                      ; Message format error
0000    766
0000    767 FIELD$  NML_LOG_SINADR
0000    768 $MATCH  3,NPA$_EXIT,NML$PRSSNKNAD                         ; Sink node address
0000    769 $NULL   ,NML_FOR_ERR
0000    770
0000    771 FIELD$                                                    ; End of logging parameter states
```

```
                        .SBTTL  NML$NPA_SEDEEXE Set/Define executor parameter state table

                ;+
                ;       executor
                ;-

                IMSG$   NML$NPA_SEDEEXE

                FIELD$
                $EOM    ,NPA$_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS       ; No parameters
                $NEXT

                FIELD$  NML_EXE_START
                $EOM    ,NPA$_EXIT
                $NEXT

                FIELD$
                $SBEXP  NML_EXE_STA,NML_EXE_START,NML$PRM_CHKEXE        ; State
                $NEXT

                FIELD$
                $SBEXP  NML_EXE_IDE,NML_EXE_START,NML$PRM_CHKEXE        ; Identification
                $NEXT

                FIELD$
                $SBEXP  NML_NOD_CTI,NML_EXE_START,NML$PRM_CHKNOD        ; Counter timer
                $NEXT

                FIELD$
                $SBEXP  NML_EXE_NNA,NML_EXE_START,NML$PRM_CHKNOD        ; Name
                $NEXT

                FIELD$
                $SBEXP  NML_EXE_ADD,NML_EXE_START,NML$PRM_CHKEXE        ; Address
                $NEXT

                FIELD$
                $SBEXP  NML_EXE_ITI,NML_EXE_START,NML$PRM_CHKEXE        ; Incoming timer
                $NEXT

                FIELD$
                $SBEXP  NML_EXE_OTI,NML_EXE_START,NML$PRM_CHKEXE        ; Outgoing timer
                $NEXT

                FIELD$
                $SBEXP  NML_EXE_MLK,NML_EXE_START,NML$PRM_CHKEXE        ; Maximum links
                $NEXT

                FIELD$
                $SBEXP  NML_EXE_DFA,NML_EXE_START,NML$PRM_CHKEXE        ; Delay factor
                $NEXT

                FIELD$
                $SBEXP  NML_EXE_DWE,NML_EXE_START,NML$PRM_CHKEXE        ; Delay weight
                $NEXT

                FIELD$
```

```
                0000    830 $SBEXP  NML_EXE_IAT,NML_EXE_START,NML$PRM_CHKEXE        ; Inactivity timer
                0000    831 $NEXT
                0CE8    832
                0CE8    833 FIELD$
                0000    834 $SBEXP  NML_EXE_RFA,NML_EXE_START,NML$PRM_CHKEXE        ; Retransmit factor
                0000    835 $NEXT
                0CF8    836
                0CF8    837 FIELD$
                0000    838 $SBEXP  NML_EXE_ETY,NML_EXE_START,NML$PRM_CHKEXE        ; Executor type
                0000    839 $NEXT
                0D08    840
                0D08    841 FIELD$
                0000    842 $SBEXP  NML_EXE_RTI,NML_EXE_START,NML$PRM_CHKEXE        ; Routing timer
                0000    843 $NEXT
                0D18    844
                0D18    845 FIELD$
                0000    846 $SBEXP  NML_EXE_SAD,NML_EXE_START,NML$PRM_CHKEXE        ; Subaddresses
                0000    847 $NEXT
                0D28    848
                0D28    849 FIELD$
                0000    850 $SBEXP  NML_EXE_BRT,NML_EXE_START,NML$PRM_CHKEXE        ; Broadcast routing
                0000    851 $NEXT                                                   ;       timer
                0D38    852
                0D38    853 FIELD$
                0000    854 $SBEXP  NML_EXE_MAD,NML_EXE_START,NML$PRM_CHKEXE        ; Maximum address
                0000    855 $NEXT
                0D48    856
                0D48    857 FIELD$
                0000    858 $SBEXP  NML_EXE_MLN,NML_EXE_START,NML$PRM_CHKEXE        ; Maximum lines
                0000    859 $NEXT
                0D58    860
                0D58    861 FIELD$
                0000    862 $SBEXP  NML_EXE_MCO,NML_EXE_START,NML$PRM_CHKEXE        ; Maximum cost
                0000    863 $NEXT
                0D68    864
                0D68    865 FIELD$
                0000    866 $SBEXP  NML_EXE_MHO,NML_EXE_START,NML$PRM_CHKEXE        ; Maximum hops
                0000    867 $NEXT
                0D78    868
                0D78    869 FIELD$
                0000    870 $SBEXP  NML_EXE_MVI,NML_EXE_START,NML$PRM_CHKEXE        ; Maximum visits
                0000    871 $NEXT
                0D88    872
                0D88    873 FIELD$
                0000    874 $SBEXP  NML_EXE_MAR,NML_EXE_START,NML$PRM_CHKEXE        ; Maximum areas
                0000    875 $NEXT
                0D98    876
                0D98    877 FIELD$
                0000    878 $SBEXP  NML_EXE_MBE,NML_EXE_START,NML$PRM_CHKEXE        ; Maximum broadcast
                0000    879 $NEXT                                                   ;       endnodes
                0DA8    880
                0DA8    881 FIELD$
                0000    882 $SBEXP  NML_EXE_MBR,NML_EXE_START,NML$PRM_CHKEXE        ; Maximum broadcast
                0000    883 $NEXT                                                   ;       routers
                0DB8    884
                0DB8    885 FIELD$
                0000    886 $SBEXP  NML_EXE_AMC,NML_EXE_START,NML$PRM_CHKEXE        ; Area maximum cost
```

```
0000    887 $NEXT
0DC8    888
0DC8    889 FIELD$
0000    890 $SBEXP  NML_EXE_AMH,NML_EXE_START,NML$PRM_CHKEXE        ; Area maximum hops
0000    891 $NEXT
0DD8    892
0DD8    893 FIELD$
0000    894 $SBEXP  NML_EXE_MBU,NML_EXE_START,NML$PRM_CHKEXE        ; Maximum buffers
0000    895 $NEXT
0DE8    896
0DE8    897 FIELD$
0000    898 $SBEXP  NML_EXE_BUS,NML_EXE_START,NML$PRM_CHKEXE        ; Buffer size
0000    899 $NEXT
0DF8    900
0DF8    901 FIELD$
0000    902 $SBEXP  NML_EXE_SBS,NML_EXE_START,NML$PRM_CHKEXE        ; Segement buffer size
0000    903 $NEXT
0E08    904
0E08    905 FIELD$
0000    906 $SBEXP  NML_NOD_RPA,NML_EXE_START,NML$PRM_CHKNOD        ; Receive password
0000    907 $NEXT
0E18    908
0E18    909 FIELD$
0000    910 $SBEXP  NML_NOD_TPA,NML_EXE_START,NML$PRM_CHKNOD        ; Transmit password
0000    911 $NEXT
0E28    912
0E28    913 FIELD$
0000    914 $SBEXP  NML_NOD_PUS,NML_EXE_START,NML$PRM_CHKNOD        ; Privileged user id
0000    915 $NEXT
0E38    916
0E38    917 FIELD$
0000    918 $SBEXP  NML_NOD_PAC,NML_EXE_START,NML$PRM_CHKNOD        ; Privileged account
0000    919 $NEXT
0E48    920
0E48    921 FIELD$
0000    922 $SBEXP  NML_NOD_PPW,NML_EXE_START,NML$PRM_CHKNOD        ; Privileged password
0000    923 $NEXT
0E58    924
0E58    925 FIELD$
0000    926 $SBEXP  NML_NOD_NUS,NML_EXE_START,NML$PRM_CHKNOD        ; Nonprivileged user id
0000    927 $NEXT
0E68    928
0E68    929 FIELD$
0000    930 $SBEXP  NML_NOD_NAC,NML_EXE_START,NML$PRM_CHKNOD        ; Nonprivileged account
0000    931 $NEXT
0E78    932
0E78    933 FIELD$
0000    934 $SBEXP  NML_NOD_NPW,NML_EXE_START,NML$PRM_CHKNOD        ; Nonprivileged password
0000    935 $NEXT
0E88    936
0E88    937 FIELD$
0000    938 $SBEXP  NML_NOD_ACC,NML_EXE_START,NML$PRM_CHKNOD        ; Access
0000    939 $NEXT
0E98    940
0E98    941 FIELD$
0000    942 $SBEXP  NML_EXE_DAC,NML_EXE_START,NML$PRM_CHKEXE        ; Default access
0000    943 $NEXT
```

```
                        0EA8   944
                        0EA8   945 FIELD$
                        0000   946 $SBEXP   NML_EXE_PIQ,NML_EXE_START,NML$PRM_CHKEXE          ; Pipeline quota
                        0000   947 $NEXT
                        0EB8   948
                        0EB8   949 FIELD$
                        0000   950 $SBEXP   NML_EXE_DPX,NML_EXE_START,NML$PRM_CHKEXE          ; Default proxy login
                        0000   951                                                           ;       access
                        0000   952 $NEXT
                        0EC8   953
                        0EC8   954 FIELD$
                        0000   955 $SBEXP   NML_EXE_ALI,NML_EXE_START,NML$PRM_CHKEXE          ; Alias node id
                        0000   956 $NEXT
                        0ED8   957
                        0ED8   958 FIELD$
                        0000   959 $WORD    NMA$C_PCNO_SLI,NML_PNA_ERR       ; Service line
                        0000   960 $WORD    NMA$C_PCNO_SPA,NML_PNA_ERR       ; Service password
                        0000   961 $WORD    NMA$C_PCNO_SDV,NML_PNA_ERR       ; Service device
                        0000   962 $WORD    NMA$C_PCNO_CPU,NML_PNA_ERR       ; CPU type
                        0000   963 $WORD    NMA$C_PCNO_HWA,NML_PNA_ERR       ; Hardware address on NI
                        0000   964 $WORD    NMA$C_PCNO_SNV,NML_PNA_ERR       ; Hardware address on NI
                        0000   965 $WORD    NMA$C_PCNO_STY,NML_PNA_ERR       ; Software type
                        0000   966 $WORD    NMA$C_PCNO_SID,NML_PNA_ERR       ; Software identification
                        0000   967 $WORD    NMA$C_PCNO_LOA,NML_PNA_ERR       ; Load file
                        0000   968 $WORD    NMA$C_PCNO_SLO,NML_PNA_ERR       ; Secondary loader
                        0000   969 $WORD    NMA$C_PCNO_TLO,NML_PNA_ERR       ; Tertiary loader
                        0000   970 $WORD    NMA$C_PCNO_DFL,NML_PNA_ERR       ; Diagnostic file
                        0000   971 $WORD    NMA$C_PCNO_DUM,NML_PNA_ERR       ; Dump file
                        0000   972 $WORD    NMA$C_PCNO_SDU,NML_PNA_ERR       ; Secondary dumper
                        0000   973 $WORD    NMA$C_PCNO_DAD,NML_PNA_ERR       ; Dump address
                        0000   974 $WORD    NMA$C_PCNO_DCT,NML_PNA_ERR       ; Dump count
                        0000   975 $WORD    NMA$C_PCNO_IHO,NML_PNA_ERR       ; Host
                        0000   976 $WORD    NMA$C_PCNO_NLI,NML_PNA_ERR       ; Line
                        0000   977 $NEXT
                        0FB0   978
                        0FB0   979 FIELD$
                        0000   980 $MATCH   2,NML_PTY_ERR                    ; Unrecognized parameter
                        0000   981 $NULL    ,NML_FOR_ERR                     ; Format error
                        0000   982 ;
                        0000   983 ; Parameter matching subexpressions.
                        0000   984 ;
                        0000   985 FIELD$   NML_EXE_STA                      ; State
                        0000   986 $WORD    NMA$C_PCNO_STA,,,CPT$GK_PCNO_STA,NML$GL_PRMCODE
                        0000   987 FIELD$
                        0000   988 $EOM     ,NML_FOR_ERR                     ; Format error
                        0000   989 $LOOK    NMA$C_STATE_ON,NML_BYTE_SUB      ; On
                        0000   990 $LOOK    NMA$C_STATE_OFF,NML_BYTE_SUB     ; Off
                        0000   991 $LOOK    NMA$C_STATE_SHU,NML_BYTE_SUB     ; Shut
                        0000   992 $LOOK    NMA$C_STATE_RES,NML_BYTE_SUB     ; Restricted
                        0000   993 $NULL    ,NML_PVA_ERR
                        0000   994
                        0000   995 FIELD$   NML_EXE_IDE                      ; Identification
                        0000   996 $WORD    NMA$C_PCNO_IDE,NML_IMG_SUB,,CPT$GK_PCNO_IDE,NML$GL_PRMCODE
                        0000   997
                        0000   998 FIELD$   NML_EXE_NNA                      ; Name
                        0000   999 $WORD    NMA$C_PCNO_NNA,,NML$PRM_CHKKNO,CPT$GK_PCNO_NN$,NML$GL_PRMCODE
                        0000  1000 FIELD$
```

```
0000  1001 $IMAGE  6,NPA$_EXIT,NML$PRM_STRCHK
0000  1002 $NULL   ,NML_FOR_ERR
0000  1003
0000  1004 FIELD$  NML_EXE_ADD                          ; Address
0000  1005 $WORD   NMA$C_PCNO_ADD,NML_NODE_ADDR_SUB,,CPT$GK_PCNO_AD$,NML$GL_PRMCODE
0000  1006
0000  1007 FIELD$  NML_EXE_ITI                          ; Incoming timer
0000  1008 $WORD   NMA$C_PCNO_ITI,NML_WORD_SUB,,CPT$GK_PCNO_ITI,NML$GL_PRMCODE
0000  1009
0000  1010 FIELD$  NML_EXE_OTI                          ; Outgoing timer
0000  1011 $WORD   NMA$C_PCNO_OTI,NML_WORD_SUB,,CPT$GK_PCNO_OTI,NML$GL_PRMCODE
0000  1012
0000  1013 FIELD$  NML_EXE_MLK                          ; Maximum links
0000  1014 $WORD   NMA$C_PCNO_MLK,NML_WORD_SUB,,CPT$GK_PCNO_MLK,NML$GL_PRMCODE
0000  1015
0000  1016 FIELD$  NML_EXE_DFA                          ; Delay factor
0000  1017 $WORD   NMA$C_PCNO_DFA,NML_BYTE_SUB,,CPT$GK_PCNO_DFA,NML$GL_PRMCODE
0000  1018
0000  1019 FIELD$  NML_EXE_DWE                          ; Delay weight
0000  1020 $WORD   NMA$C_PCNO_DWE,NML_BYTE_SUB,,CPT$GK_PCNO_DWE,NML$GL_PRMCODE
0000  1021
0000  1022 FIELD$  NML_EXE_IAT                          ; Inactivity timer
0000  1023 $WORD   NMA$C_PCNO_IAT,NML_WORD_SUB,,CPT$GK_PCNO_IAT,NML$GL_PRMCODE
0000  1024
0000  1025 FIELD$  NML_EXE_RFA                          ; Retransmit factor
0000  1026 $WORD   NMA$C_PCNO_RFA,NML_WORD_SUB,,CPT$GK_PCNO_RFA,NML$GL_PRMCODE
0000  1027
0000  1028 FIELD$  NML_EXE_ETY                          ; Executor type
0000  1029 $WORD   NMA$C_PCNO_ETY,NML_BYTE_SUB,,CPT$GK_PCNO_ETY,NML$GL_PRMCODE
0000  1030
0000  1031 FIELD$  NML_EXE_RTI                          ; Routing timer
0000  1032 $WORD   NMA$C_PCNO_RTI,NML_WORD_SUB,,CPT$GK_PCNO_RTI,NML$GL_PRMCODE
0000  1033
0000  1034 FIELD$  NML_EXE_SAD                          ; Subaddresses
0000  1035 $WORD   NMA$C_PCNO_SAD,NML_LONG_SUB,,CPT$GK_PCNO_SAD,NML$GL_PRMCODE
0000  1036
0000  1037 FIELD$  NML_EXE_BRT                          ; Broadcast routing timer
0000  1038 $WORD   NMA$C_PCNO_BRT,NML_WORD_SUB,,CPT$GK_PCNO_BRT,NML$GL_PRMCODE
0000  1039
0000  1040 FIELD$  NML_EXE_MAD                          ; Maximum address
0000  1041 $WORD   NMA$C_PCNO_MAD,NML_WORD_SUB,,CPT$GK_PCNO_MAD,NML$GL_PRMCODE
0000  1042
0000  1043 FIELD$  NML_EXE_MLN                          ; Maximum lines
0000  1044 $WORD   NMA$C_PCNO_MLN,NML_WORD_SUB,,CPT$GK_PCNO_MLN,NML$GL_PRMCODE
0000  1045
0000  1046 FIELD$  NML_EXE_MCO                          ; Maximum cost
0000  1047 $WORD   NMA$C_PCNO_MCO,NML_WORD_SUB,,CPT$GK_PCNO_MCO,NML$GL_PRMCODE
0000  1048
0000  1049 FIELD$  NML_EXE_MHO                          ; Maximum hops
0000  1050 $WORD   NMA$C_PCNO_MHO,NML_BYTE_SUB,,CPT$GK_PCNO_MHO,NML$GL_PRMCODE
0000  1051
0000  1052 FIELD$  NML_EXE_MVI                          ; Maximum visits
0000  1053 $WORD   NMA$C_PCNO_MVI,NML_BYTE_SUB,,CPT$GK_PCNO_MVI,NML$GL_PRMCODE
0000  1054
0000  1055 FIELD$  NML_EXE_MAR                          ; Maximum areas
0000  1056 $WORD   NMA$C_PCNO_MAR,NML_BYTE_SUB,,CPT$GK_PCNO_MAR,NML$GL_PRMCODE
0000  1057
```

```
0000  1058 FIELD$  NML_EXE_MBE                          ; Maximum broadcast endnodes
0000  1059 $WORD   NMA$C_PCNO_MBE,NML_WORD_SUB,,CPT$GK_PCNO_MBE,NML$GL_PRMCODE
0000  1060
0000  1061 FIELD$  NML_EXE_MBR                          ; Maximum broadcast routers
0000  1062 $WORD   NMA$C_PCNO_MBR,NML_WORD_SUB,,CPT$GK_PCNO_MBR,NML$GL_PRMCODE
0000  1063
0000  1064 FIELD$  NML_EXE_AMC                          ; Area maximum cost
0000  1065 $WORD   NMA$C_PCNO_AMC,NML_WORD_SUB,,CPT$GK_PCNO_AMC,NML$GL_PRMCODE
0000  1066
0000  1067 FIELD$  NML_EXE_AMH                          ; Area maximum hops
0000  1068 $WORD   NMA$C_PCNO_AMH,NML_BYTE_SUB,,CPT$GK_PCNO_AMH,NML$GL_PRMCODE
0000  1069
0000  1070 FIELD$  NML_EXE_MBU                          ; Maximum buffers
0000  1071 $WORD   NMA$C_PCNO_MBU,NML_WORD_SUB,,CPT$GK_PCNO_MBU,NML$GL_PRMCODE
0000  1072
0000  1073 FIELD$  NML_EXE_BUS                          ; Buffer size
0000  1074 $WORD   NMA$C_PCNO_BUS,NML_WORD_SUB,,CPT$GK_PCNO_BUS,NML$GL_PRMCODE
0000  1075
0000  1076 FIELD$  NML_EXE_SBS                          ; Segment buffer size
0000  1077 $WORD   NMA$C_PCNO_SBS,NML_WORD_SUB,,CPT$GK_PCNO_SBS,NML$GL_PRMCODE
0000  1078
0000  1079 FIELD$  NML_EXE_DAC                          ; Default access
0000  1080 $WORD   NMA$C_PCNO_DAC,NML_BYTE_SUB,,CPT$GK_PCNO_DAC,NML$GL_PRMCODE
0000  1081
0000  1082 FIELD$  NML_EXE_PIQ                          ; Pipeline quota
0000  1083 $WORD   NMA$C_PCNO_PIQ,NML_WORD_SUB,,CPT$GK_PCNO_PIQ,NML$GL_PRMCODE
0000  1084
0000  1085 FIELD$  NML_EXE_DPX                          ; Default proxy login access
0000  1086 $WORD   NMA$C_PCNO_DPX,NML_BYTE_SUB,,CPT$GK_PCNO_DPX,NML$GL_PRMCODE
0000  1087
0000  1088 FIELD$  NML_EXE_ALI                          ; Alias node id
0000  1089 $WORD   NMA$C_PCNO_ALI,NML_WORD_SUB,,CPT$GK_PCNO_ALI,NML$GL_PRMCODE
0000  1090
0000  1091 FIELD$                                      ; End of executor parameter states
```

```
                        .SBTTL  NML$NPA_SEDENOD Set/Define node parameter state table

                ;+
                ;       node
                ;-

                IMSG$   NML$NPA_SEDENOD

                FIELD$
                $EOM    ,NPA$_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS       ; No parameters
                $NEXT

                FIELD$  NML_NOD_START
                $EOM    ,NPA$_EXIT
                $NEXT

                FIELD$
                $SBEXP  NML_NOD_SLI,NML_NOD_START,NML$PRM_CHKREM        ; Service circuit
                $NEXT

                FIELD$
                $SBEXP  NML_NOD_SPA,NML_NOD_START,NML$PRM_CHKREM        ; Service password
                $NEXT

                FIELD$
                $SBEXP  NML_NOD_SDV,NML_NOD_START,NML$PRM_CHKREM        ; Service device
                $NEXT

                FIELD$
                $SBEXP  NML_NOD_CPU,NML_NOD_START,NML$PRM_CHKREM        ; CPU type
                $NEXT

                FIELD$
                $SBEXP  NML_NOD_HWA,NML_NOD_START,NML$PRM_CHKREM        ; Hardware address on NI
                $NEXT

                FIELD$
                $SBEXP  NML_NOD_SNV,NML_NOD_START,NML$PRM_CHKREM        ; Service node version
                $NEXT

                FIELD$
                $SBEXP  NML_NOD_STY,NML_NOD_START,NML$PRM_CHKREM        ; Software type
                $NEXT

                FIELD$
                $SBEXP  NML_NOD_SID,NML_NOD_START,NML$PRM_CHKREM        ; Software id
                $NEXT

                FIELD$
                $SBEXP  NML_NOD_LOA,NML_NOD_START,NML$PRM_CHKREM        ; Load file
                $NEXT

                FIELD$
                $SBEXP  NML_NOD_SLO,NML_NOD_START,NML$PRM_CHKREM        ; Secondary loader
                $NEXT

                FIELD$
```

```
0000  1150 $SBEXP  NML_NOD_TLO,NML_NOD_START,NML$PRM_CHKREM        ; Tertiary loader
0000  1151 $NEXT
1360  1152
1360  1153 FIELD$
0000  1154 $SBEXP  NML_NOD_DFL,NML_NOD_START,NML$PRM_CHKREM        ; Diagnostic file
0000  1155 $NEXT
1370  1156
1370  1157 FIELD$
0000  1158 $SBEXP  NML_NOD_DUM,NML_NOD_START,NML$PRM_CHKREM        ; Dump file
0000  1159 $NEXT
1380  1160
1380  1161 FIELD$
0000  1162 $SBEXP  NML_NOD_SDU,NML_NOD_START,NML$PRM_CHKREM        ; Secondary dumper
0000  1163 $NEXT
1390  1164
1390  1165 FIELD$
0000  1166 $SBEXP  NML_NOD_DAD,NML_NOD_START,NML$PRM_CHKREM        ; Dump address
0000  1167 $NEXT
13A0  1168
13A0  1169 FIELD$
0000  1170 $SBEXP  NML_NOD_DCT,NML_NOD_START,NML$PRM_CHKREM        ; Dump count
0000  1171 $NEXT
13B0  1172
13B0  1173 FIELD$
0000  1174 $SBEXP  NML_NOD_IHO,NML_NOD_START,NML$PRM_CHKREM        ; Host
0000  1175 $NEXT
13C0  1176
13C0  1177 FIELD$
0000  1178 $SBEXP  NML_NOD_CTI,NML_NOD_START,NML$PRM_CHKREM        ; Counter timer
0000  1179 $NEXT
13D0  1180
13D0  1181 FIELD$
0000  1182 $SBEXP  NML_NOD_NNA,NML_NOD_START,NML$PRM_CHKREM        ; Name
0000  1183 $NEXT
13E0  1184
13E0  1185 FIELD$
0000  1186 $SBEXP  NML_NOD_NLI,NML_NOD_LOOPNA,NML$PRM_CHKLOO      ; Circuit
0000  1187 $NEXT
13F0  1188
13F0  1189 FIELD$
0000  1190 $SBEXP  NML_NOD_ADD,NML_NOD_START,NML$PRM_CHKREM        ; Address
0000  1191 $NEXT
1400  1192
1400  1193 FIELD$
0000  1194 $SBEXP  NML_NOD_PUS,NML_NOD_START,NML$PRM_CHKREM        ; Privileged user id
0000  1195 $NEXT
1410  1196
1410  1197 FIELD$
0000  1198 $SBEXP  NML_NOD_PAC,NML_NOD_START,NML$PRM_CHKREM        ; Privileged account
0000  1199 $NEXT
1420  1200
1420  1201 FIELD$
0000  1202 $SBEXP  NML_NOD_PPW,NML_NOD_START,NML$PRM_CHKREM        ; Privileged password
0000  1203 $NEXT
1430  1204
1430  1205 FIELD$
0000  1206 $SBEXP  NML_NOD_NUS,NML_NOD_START,NML$PRM_CHKREM        ; Nonprivileged user id
```

```
0000  1207 $NEXT
1440  1208
1440  1209 FIELD$
0000  1210 $SBEXP  NML_NOD_NAC,NML_NOD_START,NML$PRM_CHKREM        ; Nonprivileged account
0000  1211 $NEXT
1450  1212
1450  1213 FIELD$
0000  1214 $SBEXP  NML_NOD_NPW,NML_NOD_START,NML$PRM_CHKREM        ; Nonprivileged password
0000  1215 $NEXT
1460  1216
1460  1217 FIELD$
0000  1218 $SBEXP  NML_NOD_RPA,NML_NOD_START,NML$PRM_CHKREM        ; Receive password
0000  1219 $NEXT
1470  1220
1470  1221 FIELD$
0000  1222 $SBEXP  NML_NOD_TPA,NML_NOD_START,NML$PRM_CHKREM        ; Transmit password
0000  1223 $NEXT
1480  1224
1480  1225 FIELD$
0000  1226 $SBEXP  NML_NOD_ACC,NML_NOD_START,NML$PRM_CHKREM        ; Access
0000  1227 $NEXT
1490  1228
1490  1229 FIELD$
0000  1230 $NULL   ,NML_NOD_REMPNA
0000  1231 ;
0000  1232 ; Parameters that are not applicable to loop nodes.
0000  1233 ;
0000  1234 FIELD$  NML_NOD_LOOPNA
0000  1235 $WORD   NMA$C_PCNO_SLI,NML_PNA_ERR      ; Service line
0000  1236 $WORD   NMA$C_PCNO_SPA,NML_PNA_ERR      ; Service password
0000  1237 $WORD   NMA$C_PCNO_SDV,NML_PNA_ERR      ; Service device
0000  1238 $WORD   NMA$C_PCNO_CPU,NML_PNA_ERR      ; CPU type
0000  1239 $WORD   NMA$C_PCNO_HWA,NML_PNA_ERR      ; Hardware address
0000  1240 $WORD   NMA$C_PCNO_SNV,NML_PNA_ERR      ; Hardware address
0000  1241 $WORD   NMA$C_PCNO_STY,NML_PNA_ERR      ; Software type
0000  1242 $WORD   NMA$C_PCNO_SID,NML_PNA_ERR      ; Software identification
0000  1243 $WORD   NMA$C_PCNO_LOA,NML_PNA_ERR      ; Load file
0000  1244 $WORD   NMA$C_PCNO_SLO,NML_PNA_ERR      ; Secondary loader
0000  1245 $WORD   NMA$C_PCNO_TLO,NML_PNA_ERR      ; Tertiary loader
0000  1246 $WORD   NMA$C_PCNO_DFL,NML_PNA_ERR      ; Diagnostic file
0000  1247 $WORD   NMA$C_PCNO_DUM,NML_PNA_ERR      ; Dump file
0000  1248 $WORD   NMA$C_PCNO_SDU,NML_PNA_ERR      ; Secondary dumper
0000  1249 $WORD   NMA$C_PCNO_DAD,NML_PNA_ERR      ; Dump address
0000  1250 $WORD   NMA$C_PCNO_DCT,NML_PNA_ERR      ; Dump count
0000  1251 $WORD   NMA$C_PCNO_IHO,NML_PNA_ERR      ; Host
0000  1252 $WORD   NMA$C_PCNO_CTI,NML_PNA_ERR      ; Counter timer
0000  1253 $WORD   NMA$C_PCNO_NNA,NML_PNA_ERR      ; Name
0000  1254 $WORD   NMA$C_PCNO_ADD,NML_PNA_ERR      ; Address
0000  1255 $WORD   NMA$C_PCNO_PUS,NML_PNA_ERR      ; Privileged user id
0000  1256 $WORD   NMA$C_PCNO_PAC,NML_PNA_ERR      ; Privileged account
0000  1257 $WORD   NMA$C_PCNO_PPW,NML_PNA_ERR      ; Privileged password
0000  1258 $WORD   NMA$C_PCNO_NUS,NML_PNA_ERR      ; Nonprivileged user id
0000  1259 $WORD   NMA$C_PCNO_NAC,NML_PNA_ERR      ; Nonprivileged account
0000  1260 $WORD   NMA$C_PCNO_NPW,NML_PNA_ERR      ; Nonprivileged password
0000  1261 $WORD   NMA$C_PCNO_RPA,NML_PNA_ERR      ; Receive password
0000  1262 $WORD   NMA$C_PCNO_TPA,NML_PNA_ERR      ; Transmit password
0000  1263 $WORD   NMA$C_PCNO_ACC,NML_PNA_ERR      ; Access
```

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0000  1264 $WORD   NMA$C_PCNO_DAC,NML_PNA_ERR      ; Default access
0000  1265 $WORD   NMA$C_PCNO_PRX,NML_PNA_ERR      ; Proxy login access
0000  1266 $WORD   NMA$C_PCNO_DPX,NML_PNA_ERR      ; Default proxy login access
0000  1267 $WORD   NMA$C_PCNO_ALI,NML_PNA_ERR      ; Alias node name
0000  1268 $NEXT
1624  1269 ;
1624  1270 ; Parameters that are not applicable to remote nodes.
1624  1271 ;
1624  1272 FIELD$  NML_NOD_REMPNA
0000  1273 $WORD   NMA$C_PCNO_STA,NML_PNA_ERR      ; State
0000  1274 $WORD   NMA$C_PCNO_PHA,NML_PNA_ERR      ; Physical Address on NI
0000  1275 $WORD   NMA$C_PCNO_IDE,NML_PNA_ERR      ; Identification
0000  1276 $WORD   NMA$C_PCNO_ITI,NML_PNA_ERR      ; Incoming timer
0000  1277 $WORD   NMA$C_PCNO_OTI,NML_PNA_ERR      ; Outgoing timer
0000  1278 $WORD   NMA$C_PCNO_MLK,NML_PNA_ERR      ; Maximum links
0000  1279 $WORD   NMA$C_PCNO_DFA,NML_PNA_ERR      ; Delay factor
0000  1280 $WORD   NMA$C_PCNO_DWE,NML_PNA_ERR      ; Delay weight
0000  1281 $WORD   NMA$C_PCNO_IAT,NML_PNA_ERR      ; Inactivity timer
0000  1282 $WORD   NMA$C_PCNO_RFA,NML_PNA_ERR      ; Retransmit factor
0000  1283 $WORD   NMA$C_PCNO_RTI,NML_PNA_ERR      ; Routing timer
0000  1284 $WORD   NMA$C_PCNO_SAD,NML_PNA_ERR      ; Subaddresses
0000  1285 $WORD   NMA$C_PCNO_BRT,NML_PNA_ERR      ; Broadcast routing timer
0000  1286 $WORD   NMA$C_PCNO_MAD,NML_PNA_ERR      ; Maximum address
0000  1287 $WORD   NMA$C_PCNO_MLN,NML_PNA_ERR      ; Maximum lines
0000  1288 $WORD   NMA$C_PCNO_MCO,NML_PNA_ERR      ; Maximum cost
0000  1289 $WORD   NMA$C_PCNO_MHO,NML_PNA_ERR      ; Maximum hops
0000  1290 $WORD   NMA$C_PCNO_MVI,NML_PNA_ERR      ; Maximum visits
0000  1291 $WORD   NMA$C_PCNO_MAR,NML_PNA_ERR      ; Maximum areas
0000  1292 $WORD   NMA$C_PCNO_MBE,NML_PNA_ERR      ; Maximum broadcast endnodes
0000  1293 $WORD   NMA$C_PCNO_MBR,NML_PNA_ERR      ; Maximum broadcast routers
0000  1294 $WORD   NMA$C_PCNO_AMC,NML_PNA_ERR      ; Area maximum cost
0000  1295 $WORD   NMA$C_PCNO_AMH,NML_PNA_ERR      ; Area maximum hops
0000  1296 $WORD   NMA$C_PCNO_MBU,NML_PNA_ERR      ; Maximum buffers
0000  1297 $WORD   NMA$C_PCNO_BUS,NML_PNA_ERR      ; Buffer size
0000  1298 $WORD   NMA$C_PCNO_SBS,NML_PNA_ERR      ; Segment buffer size
0000  1299 $WORD   NMA$C_PCNO_DAC,NML_PNA_ERR      ; Default access
0000  1300 $WORD   NMA$C_PCNO_DPX,NML_PNA_ERR      ; Default proxy login access
0000  1301 $NEXT
1774  1302
1774  1303 FIELD$  NML_NOD_EOM
0000  1304 $EOM    ,NPA$_EXIT                       ; End of message
0000  1305 $MATCH  2,NML_PTY_ERR                   ; Unrecognized parameter
0000  1306 $NULL   ,NML_FOR_ERR                   ; Format error
0000  1307 ;
0000  1308 ; Parameter matching subexpressions.
0000  1309 ;
0000  1310 FIELD$  NML_NOD_PUS                     ; Priv userid
0000  1311 $WORD   NMA$C_PCNO_PUS,NML_IMG_SUB,,CPT$GK_PCNO_PUS,NML$GL_PRMCODE
0000  1312
0000  1313 FIELD$  NML_NOD_PAC                     ; Priv account
0000  1314 $WORD   NMA$C_PCNO_PAC,NML_IMG_SUB,,CPT$GK_PCNO_PAC,NML$GL_PRMCODE
0000  1315
0000  1316 FIELD$  NML_NOD_PPW                     ; Priv password
0000  1317 $WORD   NMA$C_PCNO_PPW,NML_IMG_SUB,,CPT$GK_PCNO_PPW,NML$GL_PRMCODE
0000  1318
0000  1319 FIELD$  NML_NOD_NUS                     ; Nopriv userid
0000  1320 $WORD   NMA$C_PCNO_NUS,NML_IMG_SUB,,CPT$GK_PCNO_NUS,NML$GL_PRMCODE
```

```
0000  1321
0000  1322 FIELD$  NML_NOD_NAC                          ; Nopriv account
0000  1323 $WORD   NMA$C_PCNO_NAC,NML_IMG_SUB,,CPT$GK_PCNO_NAC,NML$GL_PRMCODE
0000  1324
0000  1325 FIELD$  NML_NOD_NPW                          ; Nopriv password
0000  1326 $WORD   NMA$C_PCNO_NPW,NML_IMG_SUB,,CPT$GK_PCNO_NPW,NML$GL_PRMCODE
0000  1327
0000  1328 FIELD$  NML_NOD_IHO                          ; Host
0000  1329 $WORD   NMA$C_PCNO_IHO,NML_NODEID_SUB,,CPT$GK_PCNO_IHO,NML$GL_PRMCODE
0000  1330
0000  1331 FIELD$  NML_NOD_NNA                          ; Name
0000  1332 $WORD   NMA$C_PCNO_NNA,,NML$PRM_CHKKNO,CPT$GK_PCNO_NNA,NML$GL_PRMCODE
0000  1333 FIELD$
0000  1334 $IMAGE  6,NPA$_EXIT,NML$PRM_STRCHK
0000  1335 $NULL   ,NML_FOR_ERR
0000  1336
0000  1337 FIELD$  NML_NOD_NLI                          ; Circuit
0000  1338 $WORD   NMA$C_PCNO_NLI,NML_IMG_SUB,NML$PRM_CHKKNO,CPT$GK_PCNO_NLI,NML$GL_PRMCODE
0000  1339
0000  1340 FIELD$  NML_NOD_ADD                          ; Address
0000  1341 $WORD   NMA$C_PCNO_ADD,NML_NODE_ADDR_SUB,NML$PRM_CHKKNO,CPT$GK_PCNO_ADD,NML$GL_PRMCO
0000  1342
0000  1343 FIELD$  NML_NOD_CTI                          ; Counter timer
0000  1344 $WORD   NMA$C_PCNO_CTI,NML_WORD_SUB,,CPT$GK_PCNO_CTI,NML$GL_PRMCODE
0000  1345
0000  1346 FIELD$  NML_NOD_SLI                          ; Service circuit
0000  1347 $WORD   NMA$C_PCNO_SLI,NML_IMG_SUB,,CPT$GK_PCNO_SLI,NML$GL_PRMCODE
0000  1348
0000  1349 FIELD$  NML_NOD_SPA                          ; Service password
0000  1350 $WORD   NMA$C_PCNO_SPA,NML_IMG_SUB,,CPT$GK_PCNO_SPA,NML$GL_PRMCODE
0000  1351
0000  1352 FIELD$  NML_NOD_CPU                          ; Cpu type
0000  1353 $WORD   NMA$C_PCNO_CPU,,,CPT$GK_PCNO_CPU,NML$GL_PRMCODE
0000  1354 FIELD$
0000  1355 $LOOK   NMA$C_CPU_8,NML_BYTE_SUB            ; PDP8
0000  1356 $LOOK   NMA$C_CPU_11,NML_BYTE_SUB           ; PDP11
0000  1357 $LOOK   NMA$C_CPU_1020,NML_BYTE_SUB        ; 10/20
0000  1358 $LOOK   NMA$C_CPU_VAX,NML_BYTE_SUB         ; VAX
0000  1359 $NULL   ,NML_PVA_ERR                       ; Parameter value error
0000  1360
0000  1361 FIELD$  NML_NOD_HWA                        ; Hardware address on NI
0000  1362 $WORD   NMA$C_PCNO_HWA,NML_IMG_SUB,,CPT$GK_PCNO_HWA,NML$GL_PRMCODE
0000  1363
0000  1364 FIELD$  NML_NOD_SNV                        ; Service node version
0000  1365 $WORD   NMA$C_PCNO_SNV,,,CPT$GK_PCNO_SNV,NML$GL_PRMCODE
0000  1366 FIELD$
0000  1367 $LOOK   NMA$C_NODSNV_PH3,NML_BYTE_SUB     ; Phase III
0000  1368 $LOOK   NMA$C_NODSNV_PH4,NML_BYTE_SUB     ; Phase IV
0000  1369 $NULL   ,NML_PVA_ERR                       ; Parameter value error
0000  1370
0000  1371 FIELD$  NML_NOD_SDV                        ; Service device
0000  1372 $WORD   NMA$C_PCNO_SDV,,,CPT$GK_PCNO_SDV,NML$GL_PRMCODE
0000  1373 FIELD$
0000  1374 $LOOK   NMA$C_SOFD_DP,NML_BYTE_SUB        ; DP11
0000  1375 $LOOK   NMA$C_SOFD_DU,NML_BYTE_SUB        ; DU11/DUV11
0000  1376 $LOOK   NMA$C_SOFD_DL,NML_BYTE_SUB        ; DL11
0000  1377 $LOOK   NMA$C_SOFD_DQ,NML_BYTE_SUB        ; DQ11
```

```
0000  1378 $LOOK   NMA$C_SOFD_DA,NML_BYTE_SUB      ; DA11
0000  1379 $LOOK   NMA$C_SOFD_DUP,NML_BYTE_SUB     ; DUP11
0000  1380 $LOOK   NMA$C_SOFD_DMC,NML_BYTE_SUB     ; DMC11
0000  1381 $LOOK   NMA$C_SOFD_DMP,NML_BYTE_SUB     ; DMP11
0000  1382 $LOOK   NMA$C_SOFD_DTE,NML_BYTE_SUB     ; DTE
0000  1383 $LOOK   NMA$C_SOFD_KL8,NML_BYTE_SUB     ; KL8
0000  1384 $LOOK   NMA$C_SOFD_DMV,NML_BYTE_SUB     ; DMV
0000  1385 $LOOK   NMA$C_SOFD_DPV,NML_BYTE_SUB     ; DPV
0000  1386 $LOOK   NMA$C_SOFD_DMF,NML_BYTE_SUB     ; DMF
0000  1387 $NULL   ,NML_PVA_ERR                    ; Parameter value error
0000  1388
0000  1389 FIELD$  NML_NOD_LOA                     ; Load file
0000  1390 $WORD   NMA$C_PCNO_LOA,NML_IMG_SUB,,CPT$GK_PCNO_LOA,NML$GL_PRMCODE
0000  1391
0000  1392 FIELD$  NML_NOD_SLO                     ; Secondary loader
0000  1393 $WORD   NMA$C_PCNO_SLO,NML_IMG_SUB,,CPT$GK_PCNO_SLO,NML$GL_PRMCODE
0000  1394
0000  1395 FIELD$  NML_NOD_TLO                     ; Tertiary loader
0000  1396 $WORD   NMA$C_PCNO_TLO,NML_IMG_SUB,,CPT$GK_PCNO_TLO,NML$GL_PRMCODE
0000  1397
0000  1398 FIELD$  NML_NOD_DFL                     ; Diagnostic file
0000  1399 $WORD   NMA$C_PCNO_DFL,NML_IMG_SUB,,CPT$GK_PCNO_DFL,NML$GL_PRMCODE
0000  1400
0000  1401 FIELD$  NML_NOD_STY                     ; Software type
0000  1402 $WORD   NMA$C_PCNO_STY,,,CPT$GK_PCNO_STY,NML$GL_PRMCODE
0000  1403 FIELD$
0000  1404 $LOOK   NMA$C_SOFT_SECL,NML_BYTE_SUB    ; Secondary loader
0000  1405 $LOOK   NMA$C_SOFT_TERL,NML_BYTE_SUB    ; Tertiary loader
0000  1406 $LOOK   NMA$C_SOFT_OSYS,NML_BYTE_SUB    ; Operating system
0000  1407 $NULL   ,NML_PVA_ERR                    ; Parameter value error
0000  1408
0000  1409 FIELD$  NML_NOD_SID                     ; System id
0000  1410 $WORD   NMA$C_PCNO_SID,NML_IMG_SUB,,CPT$GK_PCNO_SID,NML$GL_PRMCODE
0000  1411
0000  1412 FIELD$  NML_NOD_DUM                     ; Dump file
0000  1413 $WORD   NMA$C_PCNO_DUM,NML_IMG_SUB,,CPT$GK_PCNO_DUM,NML$GL_PRMCODE
0000  1414
0000  1415 FIELD$  NML_NOD_SDU                     ; Secondary dumper
0000  1416 $WORD   NMA$C_PCNO_SDU,NML_IMG_SUB,,CPT$GK_PCNO_SDU,NML$GL_PRMCODE
0000  1417
0000  1418 FIELD$  NML_NOD_DAD                     ; Dump address
0000  1419 $WORD   NMA$C_PCNO_DAD,NML_LONG_SUB,,CPT$GK_PCNO_DAD,NML$GL_PRMCODE
0000  1420
0000  1421 FIELD$  NML_NOD_DCT                     ; Dump count
0000  1422 $WORD   NMA$C_PCNO_DCT,NML_LONG_SUB,,CPT$GK_PCNO_DCT,NML$GL_PRMCODE
0000  1423
0000  1424 FIELD$  NML_NOD_RPA                     ; Receive password
0000  1425 $WORD   NMA$C_PCNO_RPA,NML_IMG_SUB,,CPT$GK_PCNO_RPA,NML$GL_PRMCODE
0000  1426
0000  1427 FIELD$  NML_NOD_TPA                     ; Transmit password
0000  1428 $WORD   NMA$C_PCNO_TPA,NML_IMG_SUB,,CPT$GK_PCNO_TPA,NML$GL_PRMCODE
0000  1429
0000  1430 FIELD$  NML_NOD_ACC                     ; Access
0000  1431 $WORD   NMA$C_PCNO_ACC,NML_BYTE_SUB,,CPT$GK_PCNO_ACC,NML$GL_PRMCODE
0000  1432
0000  1433 FIELD$                                 ; End of node parameter states
```

```
                        .SBTTL          Set/Define X25 Access Module
                ;++++++++++++++++++++
                ; Module X-25 Access Network state table for SET/DEFINE
                ;--------------------

IMSG$   NML$NPA_SEDE_X25_ACCESS

FIELD$
$EOM    ,NPA$_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS               ;No parameters
$NEXT

FIELD$  NML_ACCESS_PARAMS
$EOM    ,NPA$_EXIT
$NEXT

FIELD$
$SBEXP  NML_ACCESS_NOD,NML_ACCESS_PARAMS                ; Node id
$NEXT

FIELD$
$SBEXP  NML_ACCESS_USR,NML_ACCESS_PARAMS                ; User id
$NEXT

FIELD$
$SBEXP  NML_ACCESS_PSW,NML_ACCESS_PARAMS                ; Password
$NEXT

FIELD$
$SBEXP  NML_ACCESS_ACC,NML_ACCESS_PARAMS                ; Account
$NEXT

FIELD$
$MATCH  2,NML_PTY_ERR                                   ; Unrecognized parameter type
$NULL   ,NML_FOR_ERR

;
; Subexpressions for X25 Access Module parameters.
;
FIELD$  NML_ACCESS_NOD                                  ; Node id
$WORD   NMA$C_PCXA_NOD,NML_NODEID_SUB,,CPT$GK_PCXA_NOD,NML$GL_PRMCODE

FIELD$  NML_ACCESS_USR                                  ; X-25 Access User
$WORD   NMA$C_PCXA_USR,NML_IMG_SUB,,CPT$GK_PCXA_USR,NML$GL_PRMCODE

FIELD$  NML_ACCESS_PSW                                  ; X-25 Access Password
$WORD   NMA$C_PCXA_PSW,NML_IMG_SUB,,CPT$GK_PCXA_PSW,NML$GL_PRMCODE

FIELD$  NML_ACCESS_ACC                                  ; X-25 Access Account
$WORD   NMA$C_PCXA_ACC,NML_IMG_SUB,,CPT$GK_PCXA_ACC,NML$GL_PRMCODE

FIELD$                                                  ; End of Access module parameters
```

```
                     1487          .SBTTL          Set/Define Protocol Module
                     1488 ;++++++++++++++++++++
                     1489 ; Module X-25 Protocol Network state table for SET/DEFINE
                     1490 ;--------------------
                     1491
                     1492 IMSG$   NML$NPA_SEDE_PROT_NET
                     1493
                     1494 FIELD$
                     1495 $EOM    ,NPA$_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS              ;No parameters
                     1496 $NEXT
                     1497
                     1498 FIELD$  NML_PROTOCOL_PARAMS
                     1499 $EOM    ,NPA$_EXIT
                     1500 $NEXT
                     1501
                     1502 FIELD$
                     1503 $SBEXP  NML_PROTOCOL_NET,NML_PROTOCOL_PARAMS            ; network
                     1504 $NEXT
                     1505
                     1506 FIELD$
                     1507 $SBEXP  NML_PROTOCOL_DBL,NML_PROTOCOL_PARAMS            ; Default block
                     1508 $NEXT
                     1509
                     1510 FIELD$
                     1511 $SBEXP  NML_PROTOCOL_DWI,NML_PROTOCOL_PARAMS            ; Default window
                     1512 $NEXT
                     1513
                     1514 FIELD$
                     1515 $SBEXP  NML_PROTOCOL_MBL,NML_PROTOCOL_PARAMS            ; Maximum block
                     1516 $NEXT
                     1517
                     1518 FIELD$
                     1519 $SBEXP  NML_PROTOCOL_MWI,NML_PROTOCOL_PARAMS            ; Maximum window
                     1520 $NEXT
                     1521
                     1522 FIELD$
                     1523 $SBEXP  NML_PROTOCOL_MCL,NML_PROTOCOL_PARAMS            ; Maximum clears
                     1524 $NEXT
                     1525
                     1526 FIELD$
                     1527 $SBEXP  NML_PROTOCOL_MRS,NML_PROTOCOL_PARAMS            ; Maximum resets
                     1528 $NEXT
                     1529
                     1530 FIELD$
                     1531 $SBEXP  NML_PROTOCOL_MST,NML_PROTOCOL_PARAMS            ; Maximum restarts
                     1532 $NEXT
                     1533
                     1534 FIELD$
                     1535 $SBEXP  NML_PROTOCOL_CAT,NML_PROTOCOL_PARAMS            ; Call timer
                     1536 $NEXT
                     1537
                     1538 FIELD$
                     1539 $SBEXP  NML_PROTOCOL_CLT,NML_PROTOCOL_PARAMS            ; Clear timer
                     1540 $NEXT
                     1541
                     1542 FIELD$
                     1543 $SBEXP  NML_PROTOCOL_RST,NML_PROTOCOL_PARAMS            ; Reset timer
```

```
0000  1544 $NEXT
1C68  1545
1C68  1546 FIELD$
0000  1547 $SBEXP  NML_PROTOCOL_STT,NML_PROTOCOL_PARAMS          ; Restart timer
0000  1548 $NEXT
1C74  1549
1C74  1550 FIELD$
0000  1551 $SBEXP  NML_PROTOCOL_MNS,NML_PROTOCOL_PARAMS          ; Multinetwork support
0000  1552 $NEXT
1C80  1553
1C80  1554 ;
1C80  1555 ; X.25 Protocol parameters that are not allowed with Network parameters.
1C80  1556 ;
1C80  1557 FIELD$
0000  1558 $SBEXP  NML_CHK_DTE_PARAMS
0000  1559 $NEXT
1C88  1560
1C88  1561 FIELD$
0000  1562 $SBEXP  NML_CHK_GRP_PARAMS
0000  1563 $NEXT
1C90  1564
1C90  1565 FIELD$
0000  1566 $MATCH  2,NML_PTY_ERR                               ; Unrecognized parameter type
0000  1567 $NULL   ,NML_FOR_ERR
0000  1568
0000  1569
0000  1570 ;
0000  1571 ; Subexpressions for protocol network parameters.
0000  1572 ;
0000  1573 FIELD$  NML_PROTOCOL_NET                            ; X-25 Protocol network
0000  1574 $WORD   NMA$C_PCXP_NET,NML_NET,, -
0000  1575                       CPT$GK_PCXP_NET, -
0000  1576                       NML$GL_PRMCODE
0000  1577 FIELD$  NML_NET                                     ; Save Network ID.
0000  1578 $EOM    ,NML_FOR_ERR
0000  1579 $IMAGE  255,NML_SET_NET,NML$PRM_STRCHK              ; Save Network ID temporarily.
0000  1580 $NULL   ,NML_FOR_ERR
0000  1581
0000  1582 FIELD$  NML_SET_NET                                 ; If it's SET NET, use Network
0000  1583 $EOM    ,NPA$_EXIT,NML$PRM_SET_NET                  ;       param as entity ID.
0000  1584 $NULL   ,NPA$_EXIT
0000  1585
0000  1586
0000  1587
0000  1588 FIELD$  NML_PROTOCOL_DBL                           ; X-25 Protocol default block
0000  1589 $WORD   NMA$C_PCXP_DBL,NML_WORD_SUB,,CPT$GK_PCXP_DBL,NML$GL_PRMCODE
0000  1590
0000  1591 FIELD$  NML_PROTOCOL_DWI                           ; X-25 Protocol default window
0000  1592 $WORD   NMA$C_PCXP_DWI,NML_BYTE_SUB,,CPT$GK_PCXP_DWI,NML$GL_PRMCODE
0000  1593
0000  1594 FIELD$  NML_PROTOCOL_MBL                           ; X-25 Protocol Maximum block
0000  1595 $WORD   NMA$C_PCXP_MBL,NML_WORD_SUB,,CPT$GK_PCXP_MBL,NML$GL_PRMCODE
0000  1596
0000  1597 FIELD$  NML_PROTOCOL_MWI                           ; X-25 Protocol Maximum window
0000  1598 $WORD   NMA$C_PCXP_MWI,NML_BYTE_SUB,,CPT$GK_PCXP_MWI,NML$GL_PRMCODE
0000  1599
0000  1600 FIELD$  NML_PROTOCOL_MCL                           ; X-25 Protocol Maximum Clears
```

```
0000  1601 $WORD   NMA$C_PCXP_MCL,NML_BYTE_SUB,,CPT$GK_PCXP_MCL,NML$GL_PRMCODE
0000  1602
0000  1603 FIELD$  NML_PROTOCOL_MRS                              ; X-25 Protocol Maximum resets
0000  1604 $WORD   NMA$C_PCXP_MRS,NML_BYTE_SUB,,CPT$GK_PCXP_MRS,NML$GL_PRMCODE
0000  1605
0000  1606 FIELD$  NML_PROTOCOL_MST                              ; X-25 Protocol Maximum Restarts
0000  1607 $WORD   NMA$C_PCXP_MST,NML_BYTE_SUB,,CPT$GK_PCXP_MST,NML$GL_PRMCODE
0000  1608
0000  1609 FIELD$  NML_PROTOCOL_CAT                              ; X-25 Protocol call timer
0000  1610 $WORD   NMA$C_PCXP_CAT,NML_BYTE_SUB,,CPT$GK_PCXP_CAT,NML$GL_PRMCODE
0000  1611
0000  1612 FIELD$  NML_PROTOCOL_CLT                              ; X-25 Protocol clear timer
0000  1613 $WORD   NMA$C_PCXP_CLT,NML_BYTE_SUB,,CPT$GK_PCXP_CLT,NML$GL_PRMCODE
0000  1614
0000  1615 FIELD$  NML_PROTOCOL_RST                              ; X-25 Protocol reset timer
0000  1616 $WORD   NMA$C_PCXP_RST,NML_BYTE_SUB,,CPT$GK_PCXP_RST,NML$GL_PRMCODE
0000  1617
0000  1618 FIELD$  NML_PROTOCOL_STT                              ; X-25 Protocol restart timer
0000  1619 $WORD   NMA$C_PCXP_STT,NML_BYTE_SUB,,CPT$GK_PCXP_STT,NML$GL_PRMCODE
0000  1620
0000  1621 FIELD$  NML_PROTOCOL_MNS                              ; X-25 Protocol Multinetwork support
0000  1622 $WORD   NMA$C_PCXP_MNS,NML_BYTE_SUB,,CPT$GK_PCXP_MNS,NML$GL_PRMCODE
0000  1623
0000  1624 FIELD$                                               ; End of Protocol Module params
```

```
                        ;+++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                        ;       X.25 Protocol Module DTE State Table
                        ;---------------------------------------------------------------

                        IMSG$   NML$NPA_SEDE_PROT_DTE

                        FIELD$
                        $EOM    ,NPA$_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS               ;No parameters
                        $NEXT

                        FIELD$  NML_DTE_LOOP
                        $EOM    ,NPA$_EXIT
                        $NEXT

                        FIELD$
                        $SBEXP  NML_PROTOCOL_STA,NML_DTE_LOOP           ; State
                        $NEXT

                        FIELD$
                        $SBEXP  NML_PROTOCOL_CTM,NML_DTE_LOOP           ; Counter timer
                        $NEXT

                        FIELD$
                        $SBEXP  NML_PROTOCOL_LIN,NML_DTE_LOOP           ; Line
                        $NEXT

                        FIELD$
                        $SBEXP  NML_PROTOCOL_CHN,NML_DTE_LOOP           ; Channels
                        $NEXT

                        FIELD$
                        $SBEXP  NML_PROTOCOL_MCI,NML_DTE_LOOP           ; Maximum circuits
                        $NEXT

                        ;
                        ; Check for X.25 Protocol parameters that are not allowed with DTE.
                        ;
                        FIELD$
                        $SBEXP  NML_CHK_NET_PARAMS
                        $NEXT

                        FIELD$
                        $SBEXP  NML_CHK_GRP_PARAMS
                        $NEXT

                        FIELD$
                        $MATCH  2,NML_PTY_ERR                           ; Unrecognized parameter type
                        $NULL   ,NML_FOR_ERR


                        FIELD$  NML_PROTOCOL_STA                        ; X-25 DTE State
                        $WORD   NMA$C_PCXP_STA,,,CPT$GK_PCXP_STA,NML$GL_PRMCODE
                        FIELD$
                        $EOM    ,NML_FOR_ERR                    ; Format error
                        $LOOK   NMA$C_XPRST_ON,NML_BYTE_SUB     ; On
                        $LOOK   NMA$C_XPRST_OFF,NML_BYTE_SUB    ; Off
```

```
                0000  1683 $LOOK   NMA$C_XPRST_SHU,NML_BYTE_SUB     ; Shut
                0000  1684 $NULL   ,NML_PVA_ERR
                0000  1685
                0000  1686 FIELD$  NML_PROTOCOL_CTM                          ; X-25 DTE Counter timer
                0000  1687 $WORD   NMA$C_PCXP_CTM,NML_WORD_SUB,,CPT$GK_PCXP_CTM,NML$GL_PRMCODE
                0000  1688
                0000  1689 FIELD$  NML_PROTOCOL_LIN                          ; X-25 DTE Line
                0000  1690 $WORD   NMA$C_PCXP_LIN,NML_IMG_SUB,,CPT$GK_PCXP_LIN,NML$GL_PRMCODE
                0000  1691
                0000  1692 FIELD$  NML_PROTOCOL_CHN                          ; X-25 DTE Channels
                0000  1693 $WORD   NMA$C_PCXP_CHN,NML_CHAN_SUB,,CPT$GK_PCXP_CHN,NML$GL_PRMCODE
                0000  1694
                0000  1695 FIELD$  NML_PROTOCOL_MCI                          ; X-25 DTE Maximum circuits
                0000  1696 $WORD   NMA$C_PCXP_MCI,NML_WORD_SUB,,CPT$GK_PCXP_MCI,NML$GL_PRMCODE
                0000  1697
                0000  1698 FIELD$                                           ; End of DTE Protocol params
```

```
0000  1700 ;++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
0000  1701 ;       X-25 Protocol Group State Table
0000  1702 ;----------------------------------------------------------------
0000  1703
0000  1704 IMSG$   NML$NPA_SEDE_PROT_GRP
0000  1705
0000  1706 FIELD$
0000  1707 $EOM    ,,,NML$M_PRS_ALL,NML$GL_PRS_FLGS          ; No parameters, do change ALL
0000  1708 $NEXT
1EF4  1709
1EF4  1710 $NULL   ,NML_CHECK_GROUP,NML$PRM_QUAL_FORMAT      ; Check entity and qualifier to
0000  1711                                                    ;       make sure they are legal.
0000  1712 $NULL   ,NML_FOR_ERR
0000  1713
0000  1714 FIELD$  NML_CHECK_GROUP
0000  1715 $EOM    ,NPA$_EXIT                                 ; Check EOM again, and if so,
0000  1716 $NEXT                                             ;       get out.
1F10  1717
1F10  1718 FIELD$                                           ; Number is a required parameter.
0000  1719 $SBEXP  NML_GROUP_GNM,NML_GROUP_OPTIONS
0000  1720 $NULL   ,NML_PMS_ERR
0000  1721 $NEXT
1F24  1722
1F24  1723 FIELD$  NML_GROUP_OPTIONS
0000  1724 $EOM    ,NPA$_EXIT
0000  1725 $NEXT
1F2C  1726
1F2C  1727 FIELD$
0000  1728 $SBEXP  NML_GROUP_GTY,NML_GROUP_OPTIONS          ; Group type
0000  1729 $NEXT
1F38  1730
1F38  1731 ;
1F38  1732 ; If there are any other X-25 protocol parameters in the message, return
1F38  1733 ; a grouping error.  Otherwise, return an unrecognized parameter error.
1F38  1734 ;
1F38  1735 FIELD$
0000  1736 $SBEXP  NML_CHK_DTE_PARAMS
0000  1737 $NEXT
1F40  1738
1F40  1739 FIELD$
0000  1740 $SBEXP  NML_CHK_NET_PARAMS
0000  1741 $NEXT
1F48  1742
1F48  1743 FIELD$
0000  1744 $EOM    ,NPA$_EXIT
0000  1745 $MATCH  2,NML_PTY_ERR                             ; Unrecognized parameter type
0000  1746 $NULL   ,NML_FOR_ERR
0000  1747
0000  1748
0000  1749 FIELD$  NML_GROUP_GNM
0000  1750 $WORD   NMA$C_PCXP_GNM,NML_WORD_SUB,,CPT$GK_PCXP_GNM,NML$GL_PRMCODE
0000  1751
0000  1752 FIELD$  NML_GROUP_GTY                            ; X-25 Group type
0000  1753 $WORD   NMA$C_PCXP_GTY,,,CPT$GK_PCXP_GTY,NML$GL_PRMCODE
0000  1754 FIELD$
0000  1755 $EOM    ,NML_FOR_ERR                             ; Format error
0000  1756 $LOOK   NMA$C_XPRTY_BIL,NML_BYTE_SUB             ; Bilateral
```

```
0000  1757 $NULL   ,NML_PVA_ERR                    ; Parameter value error
0000  1758 $NEXT
1FA4  1759
```

```
                        1761 ;
                        1762 ; Subexpressions for checking grouping errors for X-25 protocol module
                        1763 ; changes.
                        1764 ;
                        1765 FIELD$  NML_CHK_DTE_PARAMS
0000                    1766 $WORD    NMA$C_PCXP_STA,NML_PGP_ERR                ; DTE State
0000                    1767 $WORD    NMA$C_PCXP_CTM,NML_PGP_ERR                ; DTE Counter Timer
0000                    1768 $WORD    NMA$C_PCXP_DTE,NML_PGP_ERR                ; DTE ID
0000                    1769 $WORD    NMA$C_PCXP_LIN,NML_PGP_ERR                ; DTE Line
0000                    1770 $WORD    NMA$C_PCXP_MCI,NML_PGP_ERR                ; DTE Maximum circuits
0000                    1771 $NULL    ,NPA$_EXIT
0000                    1772 $NEXT
1FE8                    1773
1FE8                    1774 FIELD$  NML_CHK_GRP_PARAMS
0000                    1775 $WORD    NMA$C_PCXP_GRP,NML_PGP_ERR                ; Group ID
0000                    1776 $WORD    NMA$C_PCXP_GDT,NML_PGP_ERR                ; Group DTE
0000                    1777 $WORD    NMA$C_PCXP_GNM,NML_PGP_ERR                ; Group number
0000                    1778 $WORD    NMA$C_PCXP_GTY,NML_PGP_ERR                ; Group type
0000                    1779 $NULL    ,NPA$_EXIT
0000                    1780 $NEXT
2020                    1781
2020                    1782 FIELD$  NML_CHK_NET_PARAMS
0000                    1783 $WORD    NMA$C_PCXP_NET,NML_PGP_ERR                ; Network ID
0000                    1784 $WORD    NMA$C_PCXP_DBL,NML_PGP_ERR                ; Network default block
0000                    1785 $WORD    NMA$C_PCXP_DWI,NML_PGP_ERR                ; Network default window
0000                    1786 $WORD    NMA$C_PCXP_MBL,NML_PGP_ERR                ; Network Maximum block
0000                    1787 $WORD    NMA$C_PCXP_MWI,NML_PGP_ERR                ; Network Maximum window
0000                    1788 $WORD    NMA$C_PCXP_MCL,NML_PGP_ERR                ; Network Maximum clears
0000                    1789 $WORD    NMA$C_PCXP_MRS,NML_PGP_ERR                ; Network Maximum resets
0000                    1790 $WORD    NMA$C_PCXP_MST,NML_PGP_ERR                ; Network maximum restarts
0000                    1791 $WORD    NMA$C_PCXP_CAT,NML_PGP_ERR                ; Network call timer
0000                    1792 $WORD    NMA$C_PCXP_CLT,NML_PGP_ERR                ; Network clear timer
0000                    1793 $WORD    NMA$C_PCXP_RST,NML_PGP_ERR                ; Network reset timer
0000                    1794 $WORD    NMA$C_PCXP_STT,NML_PGP_ERR                ; Network restart timer
0000                    1795 $WORD    NMA$C_PCXP_MNS,NML_PGP_ERR                ; Network multinetwork support
0000                    1796
0000                    1797 FIELD$
```

```
                     1799          .SBTTL  NML$NPA_SEDE_X25_SERVER Set/Define Server Module
                     1800 ;+++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                     1801 ;       X-25 Server Module State Table
                     1802 ;---------------------------------------------------------------------
                     1803
                     1804 IMSG$   NML$NPA_SEDE_X25_SERV
                     1805
                     1806 FIELD$
                     1807 $EOM    ,NPA$_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS                ;No parameters
                     1808 $NEXT
                     1809
                     1810 FIELD$  NML_X25_SERV_PARAMS
                     1811 $EOM    ,NPA$_EXIT
                     1812 $NEXT
                     1813
                     1814 FIELD$
                     1815 $SBEXP  NML_X25_SERV_CTM,NML_X25_SERV_PARAMS    ; Counter timer
                     1816 $NEXT
                     1817
                     1818 FIELD$
                     1819 $SBEXP  NML_X25_SERV_MCI,NML_X25_SERV_PARAMS    ; Maximum circuits
                     1820 $NEXT
                     1821
                     1822 FIELD$
                     1823 $SBEXP  NML_X25_SERV_STA,NML_X25_SERV_PARAMS    ; State
                     1824 $NEXT
                     1825
                     1826 ;
                     1827 ; Check for grouping error - any destination parameters are not
                     1828 ; allowed in a NICE command updating the Server Module.
                     1829 ;
                     1830 FIELD$
                     1831 $NULL   ,NML_SERV_GROUP_ERR
                     1832 $NEXT
                     1833
                     1834
                     1835 ;
                     1836 ;       Subexpressions for X25 Server Module parameters
                     1837 ;
                     1838 FIELD$  NML_X25_SERV_CTM                            ; X-25 Server counter timer
                     1839 $WORD   NMA$C_PCXS_CTM,NML_WORD_SUB,,CPT$GK_PCXS_CTM,NML$GL_PRMCODE
                     1840
                     1841 FIELD$  NML_X25_SERV_MCI                            ; X-25 Server maximum circuits
                     1842 $WORD   NMA$C_PCXS_MCI,NML_WORD_SUB,,CPT$GK_PCXS_MCI,NML$GL_PRMCODE
                     1843
                     1844 FIELD$  NML_X25_SERV_STA                            ; X-25 Server state
                     1845 $WORD   NMA$C_PCXS_STA,NML_BYTE_SUB,,CPT$GK_PCXS_STA,NML$GL_PRMCODE
                     1846
                     1847 FIELD$                                             ; End of Server Module parameters
```

```
                     1849 ;+++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                     1850 ;       X-25 Server Destination State Table
                     1851 ;---------------------------------------------------------
                     1852
                     1853 IMSG$   NML$NPA_SEDE_X25_SERV_DEST
                     1854
                     1855 FIELD$
                     1856 $EOM    ,NPA$_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS                ;No parameters
                     1857 $NEXT
                     1858
                     1859 FIELD$  NML_X25_DEST_LOOP
                     1860 $EOM    ,NPA$_EXIT
                     1861 $NEXT
                     1862
                     1863 FIELD$
                     1864 $SBEXP  NML_X25_DEST_NOD,NML_X25_DEST_LOOP; Destination Node
                     1865 $NEXT
                     1866
                     1867 FIELD$
                     1868 $SBEXP  NML_X25_DEST_USR,NML_X25_DEST_LOOP; Destination Username
                     1869 $NEXT
                     1870
                     1871 FIELD$
                     1872 $SBEXP  NML_X25_DEST_SPW,NML_X25_DEST_LOOP; Destination Password to Set
                     1873 $NEXT
                     1874
                     1875 FIELD$
                     1876 $SBEXP  NML_X25_DEST_ACC,NML_X25_DEST_LOOP; Destination Account
                     1877 $NEXT
                     1878
                     1879 FIELD$
                     1880 $SBEXP  NML_X25_DEST_OBJ,NML_X25_DEST_LOOP; Destination Object
                     1881 $NEXT
                     1882
                     1883 FIELD$
                     1884 $SBEXP  NML_X25_DEST_PRI,NML_X25_DEST_LOOP; Destination Priority
                     1885 $NEXT
                     1886
                     1887 FIELD$
                     1888 $SBEXP  NML_X25_DEST_CMK,NML_X25_DEST_LOOP; Destination Call Mask
                     1889 $NEXT
                     1890
                     1891 FIELD$
                     1892 $SBEXP  NML_X25_DEST_CVL,NML_X25_DEST_LOOP; Destination Call Value
                     1893 $NEXT
                     1894
                     1895 FIELD$
                     1896 $SBEXP  NML_X25_DEST_GRP,NML_X25_DEST_LOOP; Destination Group
                     1897 $NEXT
                     1898
                     1899 FIELD$
                     1900 $SBEXP  NML_X25_DEST_NUM,NML_X25_DEST_LOOP; Destination Number
                     1901 $NEXT
                     1902
                     1903 FIELD$
                     1904 $SBEXP  NML_X25_DEST_SAD,NML_X25_DEST_LOOP; Destination Subaddresses
                     1905 $NEXT
```

```
                        1906
                        1907 FIELD$
                        1908 $SBEXP  NML_X25_DEST_FIL,NML_X25_DEST_LOOP; Destination Object Filename
                        1909 $NEXT
                        1910
                        1911 FIELD$
                        1912 $NULL   ,NML_DEST_GROUP_ERR
                        1913
                        1914
                        1915 FIELD$  NML_X25_DEST_NOD                          ; X-25 Destination Node
                        1916 $WORD   NMA$C_PCXS_NOD,NML_NODEID_SUB,,CPT$GK_PCXS_NOD,NML$GL_PRMCODE
                        1917
                        1918 FIELD$  NML_X25_DEST_USR                          ; X-25 Destination Username
                        1919 $WORD   NMA$C_PCXS_USR,NML_IMG_SUB,,CPT$GK_PCXS_USR,NML$GL_PRMCODE
                        1920
                        1921 FIELD$  NML_X25_DEST_SPW                          ; X-25 Destination Password to set
                        1922 $WORD   NMA$C_PCXS_SPW,NML_IMG_SUB,,CPT$GK_PCXS_SPW,NML$GL_PRMCODE
                        1923
                        1924 FIELD$  NML_X25_DEST_ACC                          ; X-25 Destination Account
                        1925 $WORD   NMA$C_PCXS_ACC,NML_IMG_SUB,,CPT$GK_PCXS_ACC,NML$GL_PRMCODE
                        1926
                        1927 FIELD$  NML_X25_DEST_OBJ                          ; X-25 Destination Object
                        1928 $WORD   NMA$C_PCXS_OBJ,,,CPT$GK_PCXS_OBJ,NML$GL_PRMCODE
                        1929 FIELD$
                        1930 $EOM    ,NML_FOR_ERR                              ; Format error
                        1931 $LOOK   0,NML_X25_DEST_OBJ_NUM
                        1932 $NULL   ,NML_IMG_SUB
                        1933
                        1934 FIELD$  NML_X25_DEST_OBJ_NUM
                        1935 $NULL   ,NML_PVA_ERR                              ; Parameter value error
                        1936 ;$MATCH 1,NML_BYTE_SUB
                        1937
                        1938 FIELD$  NML_X25_DEST_PRI                          ; X-25 Destination Priority
                        1939 $WORD   NMA$C_PCXS_PRI,NML_BYTE_SUB,,CPT$GK_PCXS_PRI,NML$GL_PRMCODE
                        1940
                        1941 FIELD$  NML_X25_DEST_CMK                          ; X-25 Destination Call mask
                        1942 $WORD   NMA$C_PCXS_CMK,NML_IMG_SUB,,CPT$GK_PCXS_CMK,NML$GL_PRMCODE
                        1943
                        1944 FIELD$  NML_X25_DEST_CVL                          ; X-25 Destination Call value
                        1945 $WORD   NMA$C_PCXS_CVL,NML_IMG_SUB,,CPT$GK_PCXS_CVL,NML$GL_PRMCODE
                        1946
                        1947 FIELD$  NML_X25_DEST_GRP                          ; X-25 Destination Group
                        1948 $WORD   NMA$C_PCXS_GRP,NML_IMG_SUB,,CPT$GK_PCXS_GRP,NML$GL_PRMCODE
                        1949
                        1950 FIELD$  NML_X25_DEST_NUM                          ; X-25 Destination Number
                        1951 $WORD   NMA$C_PCXS_NUM,NML_IMG_SUB,,CPT$GK_PCXS_NUM,NML$GL_PRMCODE
                        1952
                        1953 FIELD$  NML_X25_DEST_SAD                          ; X-25 Destination Subaddresses
                        1954 $WORD   NMA$C_PCXS_SAD,NML_LONG_SUB,,CPT$GK_PCXS_SAD,NML$GL_PRMCODE
                        1955
                        1956 FIELD$  NML_X25_DEST_FIL                          ; X-25 Destination File
                        1957 $WORD   NMA$C_PCXS_FIL,NML_IMG_SUB,,CPT$GK_PCXS_FIL,NML$GL_PRMCODE
                        1958
                        1959 FIELD$
```

```
                     1961          .SBTTL  NML$NPA_SEDE_TRACE      Set/Define Trace Module
                     1962 ;++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                     1963 ;       X-25 Trace Module State Table
                     1964 ;----------------------------------------------------------------------
                     1965
0000                 1966 IMSG$   NML$NPA_SEDE_TRACE
0000                 1967
0000                 1968 FIELD$
0000                 1969 $EOM    ,NPA$_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS                ;No parameters
0000                 1970 $NEXT
230C                 1971
230C                 1972 FIELD$  NML_TRACE_PARAMS
0000                 1973 $EOM    ,NPA$_EXIT
0000                 1974 $NEXT
2314                 1975
2314                 1976 FIELD$
0000                 1977 $SBEXP  NML_TRACE_STA,NML_TRACE_PARAMS  ; State
0000                 1978 $NEXT
2320                 1979
2320                 1980 FIELD$
0000                 1981 $SBEXP  NML_TRACE_BSZ,NML_TRACE_PARAMS  ; Buffer size
0000                 1982 $NEXT
232C                 1983
232C                 1984 FIELD$
0000                 1985 $SBEXP  NML_TRACE_MBK,NML_TRACE_PARAMS  ; Maximum blocks/files
0000                 1986 $NEXT
2338                 1987
2338                 1988 FIELD$
0000                 1989 $SBEXP  NML_TRACE_FNM,NML_TRACE_PARAMS  ; Filename
0000                 1990 $NEXT
2344                 1991
2344                 1992 FIELD$
0000                 1993 $SBEXP  NML_TRACE_MBF,NML_TRACE_PARAMS  ; Maximum number of buffers
0000                 1994 $NEXT
2350                 1995
2350                 1996 FIELD$
0000                 1997 $SBEXP  NML_TRACE_CPL,NML_TRACE_PARAMS  ; Global data capture limit
0000                 1998 $NEXT
235C                 1999
235C                 2000 FIELD$
0000                 2001 $SBEXP  NML_TRACE_MVR,NML_TRACE_PARAMS  ; Maximum trace file version
0000                 2002 $NEXT
2368                 2003
2368                 2004 ;
2368                 2005 ; Check for grouping error - any tracepoint parameters are not
2368                 2006 ; allowed in a NICE command updating the Trace Module.
2368                 2007 ;
2368                 2008 FIELD$
0000                 2009 $WORD   NMA$C_PCXT_TPT,NML_PGP_ERR              ; Tracepoint
0000                 2010 $WORD   NMA$C_PCXT_CPS,NML_PGP_ERR              ; Per-trace capture size
0000                 2011 $WORD   NMA$C_PCXT_TST,NML_PGP_ERR              ; Per-trace state
0000                 2012 $NULL   ,NPA$_EXIT
0000                 2013 $NEXT
2394                 2014
2394                 2015 FIELD$
0000                 2016 $MATCH  2,NML_PTY_ERR                           ; Unrecognized parameter type
0000                 2017 $NULL   ,NML_FOR_ERR
```

```
0000  2018
0000  2019
0000  2020
0000  2021 ;
0000  2022 ;       Subexpressions for X25 Trace Module parameters
0000  2023 ;
0000  2024 FIELD$  NML_TRACE_STA                        ; X-25 Trace state
0000  2025 $WORD   NMA$C_PCXT_STA,NML_BYTE_SUB,,CPT$GK_PCXT_STA,NML$GL_PRMCODE
0000  2026
0000  2027 FIELD$  NML_TRACE_BSZ                        ; X-25 Trace buffer size
0000  2028 $WORD   NMA$C_PCXT_BSZ,NML_WORD_SUB,,CPT$GK_PCXT_BSZ,NML$GL_PRMCODE
0000  2029
0000  2030 FIELD$  NML_TRACE_MBK                        ; X-25 Trace Maximum blocks/file
0000  2031 $WORD   NMA$C_PCXT_MBK,NML_WORD_SUB,,CPT$GK_PCXT_MBK,NML$GL_PRMCODE
0000  2032
0000  2033 FIELD$  NML_TRACE_FNM                        ; X-25 Trace Filename
0000  2034 $WORD   NMA$C_PCXT_FNM,NML_IMG_SUB,,CPT$GK_PCXT_FNM,NML$GL_PRMCODE
0000  2035
0000  2036 FIELD$  NML_TRACE_MBF                        ; X-25 Trace Maximum number of buffers
0000  2037 $WORD   NMA$C_PCXT_MBF,NML_WORD_SUB,,CPT$GK_PCXT_MBF,NML$GL_PRMCODE
0000  2038
0000  2039 FIELD$  NML_TRACE_CPL                        ; X-25 Trace capture limit
0000  2040 $WORD   NMA$C_PCXT_CPL,NML_WORD_SUB,,CPT$GK_PCXT_CPL,NML$GL_PRMCODE
0000  2041
0000  2042 FIELD$  NML_TRACE_MVR                        ; X-25 Trace File Version
0000  2043 $WORD   NMA$C_PCXT_MVR,NML_WORD_SUB,,CPT$GK_PCXT_MVR,NML$GL_PRMCODE
0000  2044
0000  2045 FIELD$                                      ; End of Server Module parameters
```

```
0000  2047 ;++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
0000  2048 ;       X-25 Tracepoint State Table
0000  2049 ;--------------------------------------------------------------
0000  2050
0000  2051 IMSG$   NML$NPA_SEDE_TRACEPOINT
0000  2052
0000  2053 FIELD$
0000  2054 $EOM    ,NPA$_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS                ;No parameters
0000  2055 $NEXT
2444  2056
2444  2057 FIELD$  NML_TRACEPNT_LOOP
0000  2058 $EOM    ,NPA$_EXIT
0000  2059 $NEXT
244C  2060
244C  2061 FIELD$
0000  2062 $SBEXP  NML_TRACEPNT_CPS,NML_TRACEPNT_LOOP; Per-trace capture size
0000  2063 $NEXT
2458  2064
2458  2065 FIELD$
0000  2066 $SBEXP  NML_TRACEPNT_TST,NML_TRACEPNT_LOOP; Per-trace state
0000  2067 $NEXT
2464  2068
2464  2069 ;
2464  2070 ; Check for grouping error - any trace parameters are not
2464  2071 ; allowed in a NICE command updating the Tracepoint Module.
2464  2072 ;
2464  2073 FIELD$
0000  2074 $WORD   NMA$C_PCXT_STA,NML_PGP_ERR                  ; X25-Trace state
0000  2075 $WORD   NMA$C_PCXT_BSZ,NML_PGP_ERR                  ; X25-Trace buffer size
0000  2076 $WORD   NMA$C_PCXT_MBK,NML_PGP_ERR                  ; X25-Trace maximum blocks/file
0000  2077 $WORD   NMA$C_PCXT_FNM,NML_PGP_ERR                  ; X25-Trace filename
0000  2078 $WORD   NMA$C_PCXT_MBF,NML_PGP_ERR                  ; X25-Trace maximum # of buffers
0000  2079 $WORD   NMA$C_PCXT_CPL,NML_PGP_ERR                  ; X25-Trace capture limit
0000  2080 $WORD   NMA$C_PCXT_MVR,NML_PGP_ERR                  ; X25-Trace max trace file version
0000  2081 $NULL   ,NPA$_EXIT
0000  2082 $NEXT
24C0  2083
24C0  2084 FIELD$
0000  2085 $MATCH  2,NML_PTY_ERR                               ; Unrecognized parameter
0000  2086 $NULL   ,NML_FOR_ERR
0000  2087
0000  2088
0000  2089 FIELD$  NML_TRACEPNT_CPS                            ; Tracepoint capture size
0000  2090 $WORD   NMA$C_PCXT_CPS,NML_WORD_SUB,,CPT$GK_PCXT_CPS,NML$GL_PRMCODE
0000  2091
0000  2092 FIELD$  NML_TRACEPNT_TST                            ; Tracepoint per-trace state
0000  2093 $WORD   NMA$C_PCXT_TST,NML_BYTE_SUB,,CPT$GK_PCXT_TST,NML$GL_PRMCODE
0000  2094
0000  2095 FIELD$
```

```
                        2097          .SBTTL  NML$NPA_SEDE_X29_SERVER Set/Define Server Module
                        2098 ;++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                        2099 ;       X-29 Server Module State Table
                        2100 ;----------------------------------------------------------------------
                        2101
                        2102 IMSG$   NML$NPA_SEDE_X29_SERV
                        2103
                        2104 FIELD$
                        2105 $EOM    ,NPA$_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS                ;No parameters
                        2106 $NEXT
                        2107
                        2108 FIELD$  NML_X29_SERV_PARAMS
                        2109 $EOM    ,NPA$_EXIT
                        2110 $NEXT
                        2111
                        2112 FIELD$
                        2113 $SBEXP  NML_X29_SERV_CTM,NML_X29_SERV_PARAMS    ; Counter timer
                        2114 $NEXT
                        2115
                        2116 FIELD$
                        2117 $SBEXP  NML_X29_SERV_MCI,NML_X29_SERV_PARAMS    ; Maximum circuits
                        2118 $NEXT
                        2119
                        2120 FIELD$
                        2121 $SBEXP  NML_X29_SERV_STA,NML_X29_SERV_PARAMS    ; State
                        2122 $NEXT
                        2123
                        2124 ;
                        2125 ; Check for grouping error - any destination parameters are not
                        2126 ; allowed in a NICE command updating the Server Module.
                        2127 ;
                        2128 FIELD$  NML_SERV_GROUP_ERR
                        2129 $WORD   NMA$C_PCXS_DST,NML_PGP_ERR                ; Destination
                        2130 $WORD   NMA$C_PCXS_MCI,NML_PGP_ERR               ; Maximum circuits
                        2131 $WORD   NMA$C_PCXS_NOD,NML_PGP_ERR               ; Node
                        2132 $WORD   NMA$C_PCXS_USR,NML_PGP_ERR               ; Username
                        2133 $WORD   NMA$C_PCXS_PSW,NML_PGP_ERR               ; Password
                        2134 $WORD   NMA$C_PCXS_ACC,NML_PGP_ERR               ; Account
                        2135 $WORD   NMA$C_PCXS_OBJ,NML_PGP_ERR               ; Object
                        2136 $WORD   NMA$C_PCXS_PRI,NML_PGP_ERR               ; Priority
                        2137 $WORD   NMA$C_PCXS_CMK,NML_PGP_ERR               ; Call mask
                        2138 $WORD   NMA$C_PCXS_CVL,NML_PGP_ERR               ; Call value
                        2139 $WORD   NMA$C_PCXS_GRP,NML_PGP_ERR               ; Group
                        2140 $WORD   NMA$C_PCXS_NUM,NML_PGP_ERR               ; Number
                        2141 $WORD   NMA$C_PCXS_SAD,NML_PGP_ERR               ; Subaddresses
                        2142 $WORD   NMA$C_PCXS_FIL,NML_PGP_ERR               ; Object file
                        2143 $NEXT
                        2144
                        2145 FIELD$
                        2146 $MATCH  2,NML_PTY_ERR                            ; Unrecognized parameter
                        2147 $NULL   ,NML_FOR_ERR
                        2148
                        2149
                        2150 ;
                        2151 ;       Subexpressions for Server Module parameters
                        2152 ;
                        2153 FIELD$  NML_X29_SERV_CTM                          ; X-29 Server counter timer
```

```
0000  2154 $WORD   NMA$C_PCXS_CTM,NML_WORD_SUB,,CPT$GK_PCXS9_CTM,NML$GL_PRMCODE
0000  2155
0000  2156 FIELD$  NML_X29_SERV_MCI                              ; X-29 Server maximum circuits
0000  2157 $WORD   NMA$C_PCXS_MCI,NML_WORD_SUB,,CPT$GK_PCXS9_MCI,NML$GL_PRMCODE
0000  2158
0000  2159 FIELD$  NML_X29_SERV_STA                              ; X-29 Server state
0000  2160 $WORD   NMA$C_PCXS_STA,NML_BYTE_SUB,,CPT$GK_PCXS9_STA,NML$GL_PRMCODE
0000  2161
0000  2162 FIELD$                                               ; End of Server Module parameters
```

```
                     2164 ;++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
                     2165 ;       X-29 Server Destination State Table
                     2166 ;--------------------------------------------------------------
                     2167
                     2168 IMSG$   NML$NPA_SEDE_X29_SERV_DEST
                     2169
                     2170 FIELD$
                     2171 $EOM    ,NPA$_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS                ;No parameters
                     2172 $NEXT
                     2173
                     2174 FIELD$  NML_X29_DEST_LOOP
                     2175 $EOM    ,NPA$_EXIT
                     2176 $NEXT
                     2177
                     2178 FIELD$
                     2179 $SBEXP  NML_X29_DEST_NOD,NML_X29_DEST_LOOP; Destination Node
                     2180 $NEXT
                     2181
                     2182 FIELD$
                     2183 $SBEXP  NML_X29_DEST_USR,NML_X29_DEST_LOOP; Destination Username
                     2184 $NEXT
                     2185
                     2186 FIELD$
                     2187 $SBEXP  NML_X29_DEST_SPW,NML_X29_DEST_LOOP; Destination Password to Set
                     2188 $NEXT
                     2189
                     2190 FIELD$
                     2191 $SBEXP  NML_X29_DEST_ACC,NML_X29_DEST_LOOP; Destination Account
                     2192 $NEXT
                     2193
                     2194 FIELD$
                     2195 $SBEXP  NML_X29_DEST_OBJ,NML_X29_DEST_LOOP; Destination Object
                     2196 $NEXT
                     2197
                     2198 FIELD$
                     2199 $SBEXP  NML_X29_DEST_PRI,NML_X29_DEST_LOOP; Destination Priority
                     2200 $NEXT
                     2201
                     2202 FIELD$
                     2203 $SBEXP  NML_X29_DEST_CMK,NML_X29_DEST_LOOP; Destination Call Mask
                     2204 $NEXT
                     2205
                     2206 FIELD$
                     2207 $SBEXP  NML_X29_DEST_CVL,NML_X29_DEST_LOOP; Destination Call Value
                     2208 $NEXT
                     2209
                     2210 FIELD$
                     2211 $SBEXP  NML_X29_DEST_GRP,NML_X29_DEST_LOOP; Destination Group
                     2212 $NEXT
                     2213
                     2214 FIELD$
                     2215 $SBEXP  NML_X29_DEST_NUM,NML_X29_DEST_LOOP; Destination Number
                     2216 $NEXT
                     2217
                     2218 FIELD$
                     2219 $SBEXP  NML_X29_DEST_SAD,NML_X29_DEST_LOOP; Destination Subaddresses
                     2220 $NEXT
```

```
                        26CC  2221
                        26CC  2222 FIELD$
                        0000  2223 $SBEXP  NML_X29_DEST_FIL,NML_X29_DEST_LOOP; Destination Object file
                        0000  2224 $NEXT
                        26D8  2225
                        26D8  2226 FIELD$  NML_DEST_GROUP_ERR
                        0000  2227 $WORD   NMA$C_PCXS_CTM,NML_PGP_ERR                ; Counter timer
                        0000  2228 $WORD   NMA$C_PCXS_ACI,NML_PGP_ERR                ; Active circuits
                        0000  2229 $WORD   NMA$C_PCXS_DST,NML_PGP_ERR                ; Destination
                        0000  2230 $WORD   NMA$C_PCXS_STA,NML_PGP_ERR                ; State
                        0000  2231 $NULL   ,NPA$_EXIT
                        0000  2232 $NEXT
                        2710  2233
                        2710  2234 FIELD$
                        0000  2235 $MATCH  2,NML_PTY_ERR                             ; Unrecognized parameter type
                        0000  2236 $NULL   ,NML_FOR_ERR
                        0000  2237
                        0000  2238
                        0000  2239
                        0000  2240 FIELD$  NML_X29_DEST_NOD                         ; X-29 Destination Node
                        0000  2241 $WORD   NMA$C_PCXS_NOD,NML_NODEID_SUB,,CPT$GK_PCXS9_NOD,NML$GL_PRMCODE
                        0000  2242
                        0000  2243 FIELD$  NML_X29_DEST_USR                         ; X-29 Username
                        0000  2244 $WORD   NMA$C_PCXS_USR,NML_IMG_SUB,,CPT$GK_PCXS9_USR,NML$GL_PRMCODE
                        0000  2245
                        0000  2246 FIELD$  NML_X29_DEST_SPW                         ; X-29 Password to set
                        0000  2247 $WORD   NMA$C_PCXS_SPW,NML_IMG_SUB,,CPT$GK_PCXS9_SPW,NML$GL_PRMCODE
                        0000  2248
                        0000  2249 FIELD$  NML_X29_DEST_ACC                         ; X-29 Account
                        0000  2250 $WORD   NMA$C_PCXS_ACC,NML_IMG_SUB,,CPT$GK_PCXS9_ACC,NML$GL_PRMCODE
                        0000  2251
                        0000  2252 FIELD$  NML_X29_DEST_OBJ                         ; X-29 Object
                        0000  2253 $WORD   NMA$C_PCXS_OBJ,,,CPT$GK_PCXS9_OBJ,NML$GL_PRMCODE
                        0000  2254 FIELD$
                        0000  2255 $EOM    ,NML_FOR_ERR                        ; Format error
                        0000  2256 $LOOK   0,NML_X29_DEST_OBJ_NUM
                        0000  2257 $NULL   ,NML_IMG_SUB
                        0000  2258
                        0000  2259 FIELD$  NML_X29_DEST_OBJ_NUM
                        0000  2260 $MATCH  1,NML_BYTE_SUB
                        0000  2261
                        0000  2262 FIELD$  NML_X29_DEST_PRI                         ; X-29 Server Priority
                        0000  2263 $WORD   NMA$C_PCXS_PRI,NML_BYTE_SUB,,CPT$GK_PCXS9_PRI,NML$GL_PRMCODE
                        0000  2264
                        0000  2265 FIELD$  NML_X29_DEST_CMK                         ; X-29 Server Call mask
                        0000  2266 $WORD   NMA$C_PCXS_CMK,NML_IMG_SUB,,CPT$GK_PCXS9_CMK,NML$GL_PRMCODE
                        0000  2267
                        0000  2268 FIELD$  NML_X29_DEST_CVL                         ; X-29 Server Call value
                        0000  2269 $WORD   NMA$C_PCXS_CVL,NML_IMG_SUB,,CPT$GK_PCXS9_CVL,NML$GL_PRMCODE
                        0000  2270
                        0000  2271 FIELD$  NML_X29_DEST_GRP                         ; X-29 Server Group
                        0000  2272 $WORD   NMA$C_PCXS_GRP,NML_IMG_SUB,,CPT$GK_PCXS9_GRP,NML$GL_PRMCODE
                        0000  2273
                        0000  2274 FIELD$  NML_X29_DEST_NUM                         ; X-29 Server Number
                        0000  2275 $WORD   NMA$C_PCXS_NUM,NML_IMG_SUB,,CPT$GK_PCXS9_NUM,NML$GL_PRMCODE
                        0000  2276
                        0000  2277 FIELD$  NML_X29_DEST_SAD                         ; X-29 Server Subaddresses
```

```
                0000  2278 $WORD   NMA$C_PCXS_SAD,NML_LONG_SUB,,CPT$GK_PCXS9_SAD,NML$GL_PRMCODE
                0000  2279
                0000  2280 FIELD$  NML_X29_DEST_FIL                              ; X-29 Server Filename
                0000  2281 $WORD   NMA$C_PCXS_FIL,NML_IMG_SUB,,CPT$GK_PCXS9_FIL,NML$GL_PRMCODE
                0000  2282
                0000  2283 FIELD$
```

```
0000  2285          .SBTTL  NML$NPA_SEDE_NI_CONF    Set/Define NI Configurator state table
0000  2286
0000  2287 ;+
0000  2288 ;    NI Configurator Module
0000  2289 ;-
0000  2290
0000  2291 IMSG$   NML$NPA_SEDE_NI_CONFIG
0000  2292
0000  2293 FIELD$
0000  2294 $EOM    ,NPA$_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS       ; No parameters
0000  2295 $NEXT
2848  2296
2848  2297 FIELD$
0000  2298 $EOM    ,NPA$_EXIT
0000  2299 $WORD   NMA$C_PCCN_SUR,NML_BYTE_SUB,,CPT$GK_PCCN_SUR,NML$GL_PRMCODE
0000  2300
0000  2301 FIELD$
0000  2302 $MATCH  2,NML_PTY_ERR                    ; Parameter type error
0000  2303 $NULL   ,NML_FOR_ERR                    ; Format error
0000  2304
0000  2305 FIELD$
```

```
                        .SBTTL  NML$NPA_SEDEOBJ Set/Define object parameter state table

                ;+
                ;    object
                ;-

                IMSG$   NML$NPA_SEDEOBJ

                FIELD$
                $EOM    ,NPA$_EXIT,,NML$M_PRS_ALL,NML$GL_PRS_FLGS       ; No parameters
                $NEXT

                FIELD$  NML_OBJ_START
                $EOM    ,NPA$_EXIT
                $SBEXP  NML_OBJ_NUM,NML_OBJ_START
                $NEXT

                FIELD$
                $SBEXP  NML_OBJ_FID,NML_OBJ_START
                $NEXT

                FIELD$
                $SBEXP  NML_OBJ_PRV,NML_OBJ_START
                $NEXT

                FIELD$
                $SBEXP  NML_OBJ_USR,NML_OBJ_START
                $NEXT

                FIELD$
                $SBEXP  NML_OBJ_ACC,NML_OBJ_START
                $NEXT

                FIELD$
                $SBEXP  NML_OBJ_PSW,NML_OBJ_START
                $NEXT

                FIELD$
                $SBEXP  NML_OBJ_PRX,NML_OBJ_START       ; Proxy login access
                $NEXT

                FIELD$
                $MATCH  2,NML_PTY_ERR                   ; Parameter type error
                $NULL   ,NML_FOR_ERR                    ; Format error

                FIELD$  NML_OBJ_FID                     ; File id
                $WORD   NMA$C_PCOB_FID,NML_IMG_SUB,,CPT$GK_PCOB_FID,NML$GL_PRMCODE

                FIELD$  NML_OBJ_NUM                     ; Number
                $WORD   NMA$C_PCOB_NUM,NML_BYTE_SUB,NML$PRM_CHKKNO,CPT$GK_PCOB_NUM,NML$GL_PRMCODE

                FIELD$  NML_OBJ_PRV                     ; Privilege list
                $WORD   NMA$C_PCOB_PRV,,,CPT$GK_PCOB_PRV,NML$GL_PRMCODE

                FIELD$
                $IMAGE  8,NPA$_EXIT,NML$PRM_OBJPRV
                $NULL   ,NML_FOR_ERR                    ; Message format error
```

```
0000  2364 FIELD$  NML_OBJ_USR                                  ; User id
0000  2365 $WORD   NMA$C_PCOB_USR,NML_IMG_SUB,,CPT$GK_PCOB_USR,NML$GL_PRMCODE
0000  2366
0000  2367 FIELD$  NML_OBJ_ACC                                  ; Account
0000  2368 $WORD   NMA$C_PCOB_ACC,NML_IMG_SUB,,CPT$GK_PCOB_ACC,NML$GL_PRMCODE
0000  2369
0000  2370 FIELD$  NML_OBJ_PSW                                  ; Password
0000  2371 $WORD   NMA$C_PCOB_PSW,NML_IMG_SUB,,CPT$GK_PCOB_PSW,NML$GL_PRMCODE
0000  2372
0000  2373 FIELD$  NML_OBJ_PRX                                  ; Proxy login access
0000  2374 $WORD   NMA$C_PCOB_PRX,NML_BYTE_SUB,,CPT$GK_PCOB_PRX,NML$GL_PRMCODE
0000  2375
0000  2376 FIELD$                                              ; End of object parameter states
```

```
0000  2378          .SBTTL  NML$NPA_SEDESUB Common set/define parameter parsing subexpressions
0000  2379
0000  2380 ;+
0000  2381 ; Common subexpressions
0000  2382 ;-
0000  2383
0000  2384 IMSG$   NML$NPA_SEDESUB
0000  2385
0000  2386 FIELD$  NML_NODEID_SUB  ; Host node name or address
0000  2387 $LOOK   0,NML_NODNUM
0000  2388 $IMAGE  6,NPA$_EXIT,NML$PRM_SAVE_NODE,,,NML$C_NODE_ID_PARAM
0000  2389
0000  2390 FIELD$  NML_NODNUM
0000  2391 $MATCH  3,NPA$_EXIT,NML$PRM_SAVE_NODE,,,NML$C_NODE_ID_PARAM
0000  2392 $NULL   ,NML_FOR_ERR
0000  2393
0000  2394 FIELD$  NML_NODE_ADDR_SUB
0000  2395 $MATCH  2,NPA$_EXIT,NML$PRM_SAVE_NODE,,,NML$C_NODE_NUM_PARAM
0000  2396 $NULL   ,NML_FOR_ERR
0000  2397
0000  2398 FIELD$  NML_LINE_SUB     ; Line id
0000  2399 $IMAGE  15,NPA$_EXIT,NML$PRM_CHECK
0000  2400 $NULL   ,NML_FOR_ERR     ; Format error
0000  2401
0000  2402 FIELD$  NML_CHAN_SUB     ; DTE channels parameter
0000  2403 $MATCH  4,NPA$_EXIT,NML$PRM_CHANNELS
0000  2404 $NULL   ,NML_FOR_ERR     ; Format error
0000  2405
0000  2406 FIELD$  NML_BYTE_SUB     ; Single byte parameter
0000  2407 $MATCH  1,NPA$_EXIT,NML$PRM_CHECK
0000  2408 $NULL   ,NML_FOR_ERR     ; Format error
0000  2409
0000  2410 FIELD$  NML_WORD_SUB     ; Word parameter
0000  2411 $MATCH  2,NPA$_EXIT,NML$PRM_CHECK
0000  2412 $NULL   ,NML_FOR_ERR     ; Format error
0000  2413
0000  2414 FIELD$  NML_LONG_SUB     ; Longword parameter
0000  2415 $MATCH  4,NPA$_EXIT,NML$PRM_CHECK
0000  2416 $NULL   ,NML_FOR_ERR     ; Format error
0000  2417
0000  2418 FIELD$  NML_IMG_SUB      ; Image parameter
0000  2419 $IMAGE  255,NPA$_EXIT,NML$PRM_STRCHK
0000  2420 $NULL   ,NML_FOR_ERR     ; Format error
0000  2421
0000  2422 FIELD$  NML_MOD_ENT                          ; Finish processing module entity.
0000  2423 $MATCH  1,NPA$_EXIT,NML$PRSIDLEQ            ; 1 byte if zero or negative.
0000  2424 $IMAGE  16,NPA$_EXIT,NML$PRSIDN             ; 16 bytes of destination ID
0000  2425
0000  2426 ;
0000  2427 ; Error subexpressions.
0000  2428 ;
0000  2429 FIELD$  NML_PTY_ERR      ; Parameter type error
0000  2430 $ERROR  NML$_STS_PTY,,NML$PRM_ERR,,,NMA$C_STS_PTY
0000  2431
0000  2432 FIELD$  NML_PNA_ERR      ; Parameter not applicable error
0000  2433 $ERROR  NML$_STS_PNA,,NML$PRM_ERR,,,NMA$C_STS_PNA
0000  2434
```

```
0000  2435 FIELD$  NML_PVA_ERR      ; Parameter value error
0000  2436 $ERROR  NML$_STS_PVA,,NML$PRM_ERR,,,NMA$C_STS_PVA
0000  2437
0000  2438 FIELD$  NML_FOR_ERR      ; Message format error
0000  2439 $ERROR  NML$_STS_INV,,NML$PRM_ERR,,,NMA$C_STS_INV
0000  2440
0000  2441 FIELD$  NML_PMS_ERR      ; Parameter missing error
0000  2442 $ERROR  NML$_STS_PMS,,NML$PRM_ERR,,,NMA$C_STS_PMS
0000  2443
0000  2444 FIELD$  NML_PGP_ERR      ; Parameter grouping error
0000  2445 $ERROR  NML$_STS_PGP,,NML$PRM_ERR,,,NMA$C_STS_PGP
0000  2446
0000  2447 FIELD$                   ; End of common parsing states
0000  2448
0000  2449
0000  2450          .END
```

CPT$GK_PCCI_ACB	********	X	03	CPT$GK_PCLI_XMD	********	X	03
CPT$GK_PCCI_ACI	********	X	03	CPT$GK_PCLO_EVE	********	X	03
CPT$GK_PCCI_BBT	********	X	03	CPT$GK_PCLO_LNA	********	X	03
CPT$GK_PCCI_BLK	********	X	03	CPT$GK_PCLO_SIN	********	X	03
CPT$GK_PCCI_CHN	********	X	03	CPT$GK_PCLO_STA	********	X	03
CPT$GK_PCCI_COS	********	X	03	CPT$GK_PCNO_ACC	********	X	03
CPT$GK_PCCI_DTE	********	X	03	CPTGK_PCNO_AD	********	X	03
CPT$GK_PCCI_DTH	********	X	03	CPT$GK_PCNO_ADD	********	X	03
CPT$GK_PCCI_DYB	********	X	03	CPT$GK_PCNO_ALI	********	X	03
CPT$GK_PCCI_DYI	********	X	03	CPT$GK_PCNO_AMC	********	X	03
CPT$GK_PCCI_DYT	********	X	03	CPT$GK_PCNO_AMH	********	X	03
CPT$GK_PCCI_HET	********	X	03	CPT$GK_PCNO_BRT	********	X	03
CPT$GK_PCCI_IAB	********	X	03	CPT$GK_PCNO_BUS	********	X	03
CPT$GK_PCCI_IAI	********	X	03	CPT$GK_PCNO_CPU	********	X	03
CPT$GK_PCCI_IAT	********	X	03	CPT$GK_PCNO_CTI	********	X	03
CPT$GK_PCCI_LCT	********	X	03	CPT$GK_PCNO_DAC	********	X	03
CPT$GK_PCCI_MBL	********	X	03	CPT$GK_PCNO_DAD	********	X	03
CPT$GK_PCCI_MRB	********	X	03	CPT$GK_PCNO_DCT	********	X	03
CPT$GK_PCCI_MRC	********	X	03	CPT$GK_PCNO_DFA	********	X	03
CPT$GK_PCCI_MRT	********	X	03	CPT$GK_PCNO_DFL	********	X	03
CPT$GK_PCCI_MTR	********	X	03	CPT$GK_PCNO_DPX	********	X	03
CPT$GK_PCCI_MWI	********	X	03	CPT$GK_PCNO_DUM	********	X	03
CPT$GK_PCCI_NUM	********	X	03	CPT$GK_PCNO_DWE	********	X	03
CPT$GK_PCCI_OWN	********	X	03	CPT$GK_PCNO_ETY	********	X	03
CPT$GK_PCCI_POL	********	X	03	CPT$GK_PCNO_HWA	********	X	03
CPT$GK_PCCI_RCT	********	X	03	CPT$GK_PCNO_IAT	********	X	03
CPT$GK_PCCI_RPR	********	X	03	CPT$GK_PCNO_IDE	********	X	03
CPT$GK_PCCI_SER	********	X	03	CPT$GK_PCNO_IHO	********	X	03
CPT$GK_PCCI_STA	********	X	03	CPT$GK_PCNO_ITI	********	X	03
CPT$GK_PCCI_TRI	********	X	03	CPT$GK_PCNO_LOA	********	X	03
CPT$GK_PCCI_TRT	********	X	03	CPT$GK_PCNO_MAD	********	X	03
CPT$GK_PCCI_TYP	********	X	03	CPT$GK_PCNO_MAR	********	X	03
CPT$GK_PCCI_USE	********	X	03	CPT$GK_PCNO_MBE	********	X	03
CPT$GK_PCCI_VER	********	X	03	CPT$GK_PCNO_MBR	********	X	03
CPT$GK_PCCI_XPT	********	X	03	CPT$GK_PCNO_MBU	********	X	03
CPT$GK_PCCN_SUR	********	X	03	CPT$GK_PCNO_MCO	********	X	03
CPT$GK_PCLI_BFN	********	X	03	CPT$GK_PCNO_MHO	********	X	03
CPT$GK_PCLI_BSZ	********	X	03	CPT$GK_PCNO_MLK	********	X	03
CPT$GK_PCLI_CLO	********	X	03	CPT$GK_PCNO_MLN	********	X	03
CPT$GK_PCLI_CON	********	X	03	CPT$GK_PCNO_MVI	********	X	03
CPT$GK_PCLI_DDT	********	X	03	CPT$GK_PCNO_NAC	********	X	03
CPT$GK_PCLI_DLT	********	X	03	CPT$GK_PCNO_NLI	********	X	03
CPT$GK_PCLI_DUP	********	X	03	CPTGK_PCNO_NN	********	X	03
CPT$GK_PCLI_EPT	********	X	03	CPT$GK_PCNO_NNA	********	X	03
CPT$GK_PCLI_HTI	********	X	03	CPT$GK_PCNO_NPW	********	X	03
CPT$GK_PCLI_LCT	********	X	03	CPT$GK_PCNO_NUS	********	X	03
CPT$GK_PCLI_MBL	********	X	03	CPT$GK_PCNO_OTI	********	X	03
CPT$GK_PCLI_MCD	********	X	03	CPT$GK_PCNO_PAC	********	X	03
CPT$GK_PCLI_MRT	********	X	03	CPT$GK_PCNO_PIQ	********	X	03
CPT$GK_PCLI_MWI	********	X	03	CPT$GK_PCNO_PPW	********	X	03
CPT$GK_PCLI_PRO	********	X	03	CPT$GK_PCNO_PUS	********	X	03
CPT$GK_PCLI_RTT	********	X	03	CPT$GK_PCNO_RFA	********	X	03
CPT$GK_PCLI_SER	********	X	03	CPT$GK_PCNO_RPA	********	X	03
CPT$GK_PCLI_SLT	********	X	03	CPT$GK_PCNO_RTI	********	X	03
CPT$GK_PCLI_SRT	********	X	03	CPT$GK_PCNO_SAD	********	X	03
CPT$GK_PCLI_STA	********	X	03	CPT$GK_PCNO_SBS	********	X	03
CPT$GK_PCLI_STI	********	X	03	CPT$GK_PCNO_SDU	********	X	03

```
CPT$GK_PCNO_SDV  ********  X  03
CPT$GK_PCNO_SID  ********  X  03
CPT$GK_PCNO_SLI  ********  X  03
CPT$GK_PCNO_SLO  ********  X  03
CPT$GK_PCNO_SNV  ********  X  03
CPT$GK_PCNO_SPA  ********  X  03
CPT$GK_PCNO_STA  ********  X  03
CPT$GK_PCNO_STY  ********  X  03
CPT$GK_PCNO_TLO  ********  X  03
CPT$GK_PCNO_TPA  ********  X  03
CPT$GK_PCOB_ACC  ********  X  03
CPT$GK_PCOB_FID  ********  X  03
CPT$GK_PCOB_NUM  ********  X  03
CPT$GK_PCOB_PRV  ********  X  03
CPT$GK_PCOB_PRX  ********  X  03
CPT$GK_PCOB_PSW  ********  X  03
CPT$GK_PCOB_USR  ********  X  03
CPT$GK_PCXA_ACC  ********  X  03
CPT$GK_PCXA_NOD  ********  X  03
CPT$GK_PCXA_PSW  ********  X  03
CPT$GK_PCXA_USR  ********  X  03
CPT$GK_PCXP_CAT  ********  X  03
CPT$GK_PCXP_CHN  ********  X  03
CPT$GK_PCXP_CLT  ********  X  03
CPT$GK_PCXP_CTM  ********  X  03
CPT$GK_PCXP_DBL  ********  X  03
CPT$GK_PCXP_DWI  ********  X  03
CPT$GK_PCXP_GNM  ********  X  03
CPT$GK_PCXP_GTY  ********  X  03
CPT$GK_PCXP_LIN  ********  X  03
CPT$GK_PCXP_MBL  ********  X  03
CPT$GK_PCXP_MCI  ********  X  03
CPT$GK_PCXP_MCL  ********  X  03
CPT$GK_PCXP_MNS  ********  X  03
CPT$GK_PCXP_MRS  ********  X  03
CPT$GK_PCXP_MST  ********  X  03
CPT$GK_PCXP_MWI  ********  X  03
CPT$GK_PCXP_NET  ********  X  03
CPT$GK_PCXP_RST  ********  X  03
CPT$GK_PCXP_STA  ********  X  03
CPT$GK_PCXP_STT  ********  X  03
CPT$GK_PCXS9_ACC  ********  X  03
CPT$GK_PCXS9_CMK  ********  X  03
CPT$GK_PCXS9_CTM  ********  X  03
CPT$GK_PCXS9_CVL  ********  X  03
CPT$GK_PCXS9_FIL  ********  X  03
CPT$GK_PCXS9_GRP  ********  X  03
CPT$GK_PCXS9_MCI  ********  X  03
CPT$GK_PCXS9_NOD  ********  X  03
CPT$GK_PCXS9_NUM  ********  X  03
CPT$GK_PCXS9_OBJ  ********  X  03
CPT$GK_PCXS9_PRI  ********  X  03
CPT$GK_PCXS9_SAD  ********  X  03
CPT$GK_PCXS9_SPW  ********  X  03
CPT$GK_PCXS9_STA  ********  X  03
CPT$GK_PCXS9_USR  ********  X  03
CPT$GK_PCXS_ACC  ********  X  03
CPT$GK_PCXS_CMK  ********  X  03
CPT$GK_PCXS_CTM  ********  X  03
CPT$GK_PCXS_CVL  ********  X  03
CPT$GK_PCXS_FIL  ********  X  03
CPT$GK_PCXS_GRP  ********  X  03
CPT$GK_PCXS_MCI  ********  X  03
CPT$GK_PCXS_NOD  ********  X  03
CPT$GK_PCXS_NUM  ********  X  03
CPT$GK_PCXS_OBJ  ********  X  03
CPT$GK_PCXS_PRI  ********  X  03
CPT$GK_PCXS_SAD  ********  X  03
CPT$GK_PCXS_SPW  ********  X  03
CPT$GK_PCXS_STA  ********  X  03
CPT$GK_PCXS_USR  ********  X  03
CPT$GK_PCXT_BSZ  ********  X  03
CPT$GK_PCXT_CPL  ********  X  03
CPT$GK_PCXT_CPS  ********  X  03
CPT$GK_PCXT_FNM  ********  X  03
CPT$GK_PCXT_MBF  ********  X  03
CPT$GK_PCXT_MBK  ********  X  03
CPT$GK_PCXT_MVR  ********  X  03
CPT$GK_PCXT_STA  ********  X  03
CPT$GK_PCXT_TST  ********  X  03
FLG$$$  = FFFFFFFF
NMA$C_CIRBLK_DIS  = 00000001
NMA$C_CIRBLK_ENA  = 00000000
NMA$C_CIRPST_ACT  = 00000002
NMA$C_CIRPST_AUT  = 00000001
NMA$C_CIRPST_DED  = 00000005
NMA$C_CIRPST_DIE  = 00000004
NMA$C_CIRPST_INA  = 00000003
NMA$C_CIRTY_CON  = 00000001
NMA$C_CIRTY_DMC  = 00000004
NMA$C_CIRTY_POI  = 00000000
NMA$C_CIRTY_TRI  = 00000002
NMA$C_CIRTY_X25  = 00000003
NMA$C_CIRUS_INC  = 00000001
NMA$C_CIRUS_OUT  = 00000002
NMA$C_CIRUS_PER  = 00000000
NMA$C_CIRVE_DIS  = 00000001
NMA$C_CIRVE_ENA  = 00000000
NMA$C_CPU_1020  = 00000002
NMA$C_CPU_11  = 00000001
NMA$C_CPU_8  = 00000000
NMA$C_CPU_VAX  = 00000003
NMA$C_DPX_FUL  = 00000000
NMA$C_DPX_HAL  = 00000001
NMA$C_ENT_CIR  = 00000003
NMA$C_ENT_KNO  = FFFFFFFF
NMA$C_ENT_LIN  = 00000001
NMA$C_ENT_MOD  = 00000004
NMA$C_ENT_NOD  = 00000000
NMA$C_LINCL_EXT  = 00000000
NMA$C_LINCL_INT  = 00000001
NMA$C_LINCN_LOO  = 00000001
NMA$C_LINCN_NOR  = 00000000
NMA$C_LINSV_DIS  = 00000001
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NMA$C_LINSV_ENA = 00000000
NMA$C_NODSNV_PH3 = 00000000
NMA$C_NODSNV_PH4 = 00000001
NMA$C_PCCI_ACB = 0000047E
NMA$C_PCCI_ACI = 0000047F
NMA$C_PCCI_BBT = 00000475
NMA$C_PCCI_BLK = 0000038E
NMA$C_PCCI_CHN = 00000461
NMA$C_PCCI_COS = 00000384
NMA$C_PCCI_DTE = 00000460
NMA$C_PCCI_DTH = 00000486
NMA$C_PCCI_DYB = 00000483
NMA$C_PCCI_DYI = 00000484
NMA$C_PCCI_DYT = 00000485
NMA$C_PCCI_HET = 0000038A
NMA$C_PCCI_IAB = 00000480
NMA$C_PCCI_IAI = 00000481
NMA$C_PCCI_IAT = 00000482
NMA$C_PCCI_LCT = 0000006E
NMA$C_PCCI_MBL = 00000462
NMA$C_PCCI_MRB = 00000479
NMA$C_PCCI_MRC = 00000398
NMA$C_PCCI_MRT = 00000385
NMA$C_PCCI_MTR = 0000047A
NMA$C_PCCI_MWI = 00000463
NMA$C_PCCI_NUM = 000003A2
NMA$C_PCCI_OWN = 0000044C
NMA$C_PCCI_POL = 000003F2
NMA$C_PCCI_RCT = 00000399
NMA$C_PCCI_RPR = 00000386
NMA$C_PCCI_SER = 00000064
NMA$C_PCCI_STA = 00000000
NMA$C_PCCI_TRI = 00000474
NMA$C_PCCI_TRT = 00000476
NMA$C_PCCI_TYP = 00000458
NMA$C_PCCI_USE = 00000457
NMA$C_PCCI_VER = 00000A8C
NMA$C_PCCI_XPT = 00000AA0
NMA$C_PCCN_SUR = 0000006E
NMA$C_PCLI_BFN = 00000451
NMA$C_PCLI_BSZ = 00000B20
NMA$C_PCLI_CLO = 00000459
NMA$C_PCLI_CON = 00000456
NMA$C_PCLI_DDT = 0000047F
NMA$C_PCLI_DLT = 00000480
NMA$C_PCLI_DUP = 00000457
NMA$C_PCLI_EPT = 00000AA0
NMA$C_PCLI_HTI = 00000462
NMA$C_PCLI_LCT = 0000006E
NMA$C_PCLI_MBL = 0000046A
NMA$C_PCLI_MCD = 00000A8D
NMA$C_PCLI_MRT = 00000468
NMA$C_PCLI_MWI = 0000046C
NMA$C_PCLI_PRO = 00000458
NMA$C_PCLI_RTT = 00000461
NMA$C_PCLI_SER = 00000064
NMA$C_PCLI_SLT = 0000047E
NMA$C_PCLI_SRT = 00000481
NMA$C_PCLI_STA = 00000000
NMA$C_PCLI_STI = 00000460
NMA$C_PCLI_XMD = 00000A96
NMA$C_PCLO_EVE = 000000C9
NMA$C_PCLO_LNA = 00000064
NMA$C_PCLO_SIN = 000000C8
NMA$C_PCLO_STA = 00000000
NMA$C_PCNO_ACC = 00000AAA
NMA$C_PCNO_ADD = 00000?F6
NMA$C_PCNO_ALI = 00000AB5
NMA$C_PCNO_AMC = 000003A0
NMA$C_PCNO_AMH = 000003A1
NMA$C_PCNO_BRT = 00000390
NMA$C_PCNO_BUS = 000003A3
NMA$C_PCNO_CPU = 00000071
NMA$C_PCNO_CTI = 000000A0
NMA$C_PCNO_DAC = 00000AAB
NMA$C_PCNO_DAD = 00000087
NMA$C_PCNO_DCT = 00000088
NMA$C_PCNO_DFA = 000002D0
NMA$C_PCNO_DFL = 0000007B
NMA$C_PCNO_DPX = 00000ABF
NMA$C_PCNO_DUM = 00000082
NMA$C_PCNO_DWE = 000002D1
NMA$C_PCNO_ETY = 00000385
NMA$C_PCNO_HWA = 00000072
NMA$C_PCNO_IAT = 000002D2
NMA$C_PCNO_IDE = 00000064
NMA$C_PCNO_IHO = 0000008D
NMA$C_PCNO_ITI = 000001FE
NMA$C_PCNO_LOA = 00000078
NMA$C_PCNO_MAD = 00000398
NMA$C_PCNO_MAR = 0000039D
NMA$C_PCNO_MBE = 0000039E
NMA$C_PCNO_MBR = 0000039F
NMA$C_PCNO_MBU = 000003A2
NMA$C_PCNO_MCO = 0000039A
NMA$C_PCNO_MHO = 0000039B
NMA$C_PCNO_MLK = 000002C6
NMA$C_PCNO_MLN = 00000399
NMA$C_PCNO_MVI = 0000039C
NMA$C_PCNO_NAC = 00000A99
NMA$C_PCNO_NLI = 000001F5
NMA$C_PCNO_NNA = 000001F4
NMA$C_PCNO_NPW = 00000A9A
NMA$C_PCNO_NUS = 00000A98
NMA$C_PCNO_OTI = 000001FF
NMA$C_PCNO_PAC = 00000A91
NMA$C_PCNO_PHA = 0000000A
NMA$C_PCNO_PIQ = 00000AB4
NMA$C_PCNO_PPW = 00000A92
NMA$C_PCNO_PRX = 00000ABE
NMA$C_PCNO_PUS = 00000A90
NMA$C_PCNO_RFA = 000002D3
NMA$C_PCNO_RPA = 00000AA0
NMA$C_PCNO_RTI = 0000038E
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NMA$C_PCNO_SAD  = 0000038F      NMA$C_PCXS_NUM  = 00000162
NMA$C_PCNO_SBS  = 000003A4      NMA$C_PCXS_OBJ  = 00000154
NMA$C_PCNO_SDU  = 00000083      NMA$C_PCXS_PRI  = 0000015E
NMA$C_PCNO_SDV  = 00000070      NMA$C_PCXS_SAD  = 00000163
NMA$C_PCNO_SID  = 0000007E      NMA$C_PCXS_SPW  = 0000014B
NMA$C_PCNO_SLI  = 0000006E      NMA$C_PCXS_STA  = 00000A8C
NMA$C_PCNO_SLO  = 00000079      NMA$C_PCXS_USR  = 0000014A
NMA$C_PCNO_SNV  = 00000073      NMA$C_PCXT_BSZ  = 00000064
NMA$C_PCNO_SPA  = 0000006F      NMA$C_PCXT_CPL  = 00000068
NMA$C_PCNO_STA  = 00000000      NMA$C_PCXT_CPS  = 0000006E
NMA$C_PCNO_STY  = 0000007D      NMA$C_PCXT_FNM  = 00000066
NMA$C_PCNO_TLO  = 0000007A      NMA$C_PCXT_MBF  = 00000067
NMA$C_PCNO_TPA  = 00000AA1      NMA$C_PCXT_MBK  = 00000065
NMA$C_PCOB_ACC  = 00000227      NMA$C_PCXT_MVR  = 00000069
NMA$C_PCOB_FID  = 00000212      NMA$C_PCXT_STA  = 00000000
NMA$C_PCOB_NUM  = 00000201      NMA$C_PCXT_TPT  = 0000006A
NMA$C_PCOB_PRV  = 0000021C      NMA$C_PCXT_TST  = 0000006F
NMA$C_PCOB_PRX  = 00000230      NMA$C_SOFD_DA   = 00000008
NMA$C_PCOB_PSW  = 00000228      NMA$C_SOFD_DL   = 00000004
NMA$C_PCOB_USR  = 00000226      NMA$C_SOFD_DMC  = 0000000C
NMA$C_PCXA_ACC  = 0000014C      NMA$C_SOFD_DMF  = 00000026
NMA$C_PCXA_NOD  = 00000140      NMA$C_SOFD_DMP  = 00000012
NMA$C_PCXA_PSW  = 0000014B      NMA$C_SOFD_DMV  = 00000022
NMA$C_PCXA_USR  = 0000014A      NMA$C_SOFD_DP   = 00000000
NMA$C_PCXP_CAT  = 00000488      NMA$C_SOFD_DPV  = 00000024
NMA$C_PCXP_CHN  = 0000046A      NMA$C_SOFD_DQ   = 00000006
NMA$C_PCXP_CLT  = 00000489      NMA$C_SOFD_DTE  = 00000014
NMA$C_PCXP_CTM  = 00000064      NMA$C_SOFD_DU   = 00000002
NMA$C_PCXP_DBL  = 00000474      NMA$C_SOFD_DUP  = 0000000A
NMA$C_PCXP_DTE  = 0000044C      NMA$C_SOFD_KL8  = 00000020
NMA$C_PCXP_DWI  = 00000475      NMA$C_SOFT_OSYS = 00000002
NMA$C_PCXP_GDT  = 00000492      NMA$C_SOFT_SECL = 00000000
NMA$C_PCXP_GNM  = 00000493      NMA$C_SOFT_TERL = 00000001
NMA$C_PCXP_GRP  = 0000044D      NMA$C_STATE_CLE = 00000003
NMA$C_PCXP_GTY  = 00000494      NMA$C_STATE_HOL = 00000002
NMA$C_PCXP_LIN  = 00000460      NMA$C_STATE_OFF = 00000001
NMA$C_PCXP_MBL  = 0000047E      NMA$C_STATE_ON  = 00000000
NMA$C_PCXP_MCI  = 00000A96      NMA$C_STATE_RES = 00000003
NMA$C_PCXP_MCL  = 00000480      NMA$C_STATE_SER = 00000002
NMA$C_PCXP_MNS  = 00000A8C      NMA$C_STATE_SHU = 00000002
NMA$C_PCXP_MRS  = 00000481      NMA$C_STS_INV   = FFFFFFFE
NMA$C_PCXP_MST  = 00000482      NMA$C_STS_PGP   = FFFFFFE5
NMA$C_PCXP_MWI  = 0000047F      NMA$C_STS_PMS   = FFFFFFE3
NMA$C_PCXP_NET  = 00000456      NMA$C_STS_PNA   = FFFFFFEA
NMA$C_PCXP_RST  = 0000048A      NMA$C_STS_PTY   = FFFFFFFA
NMA$C_PCXP_STA  = 00000000      NMA$C_STS_PVA   = FFFFFFF0
NMA$C_PCXP_STT  = 0000048B      NMA$C_XPRST_OFF = 00000001
NMA$C_PCXS_ACC  = 0000014C      NMA$C_XPRST_ON  = 00000000
NMA$C_PCXS_ACI  = 000000C8      NMA$C_XPRST_SHU = 00000002
NMA$C_PCXS_CMK  = 0000015F      NMA$C_XPRTY_BIL = 00000001
NMA$C_PCXS_CTM  = 00000064      NML$C_NODE_ID_PARAM  = 00000001
NMA$C_PCXS_CVL  = 00000160      NML$C_NODE_NUM_PARAM = 00000000
NMA$C_PCXS_DST  = 0000012C      NML$GL_PRMCODE    ********  X  03
NMA$C_PCXS_FIL  = 00000A96      NML$GL_PRS_FLGS   ********  X  03
NMA$C_PCXS_GRP  = 00000161      NML$M_PRS_ALL  = 00000002
NMA$C_PCXS_MCI  = 00000136      NML$M_PRS_SNKNOD = 00000200
NMA$C_PCXS_NOD  = 00000140      NML$NPA_SEDECIR   00000000  RG  03
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NML$NPA_SEDEEXE                 00000C20 RG    03
NML$NPA_SEDELIN                 00000648 RG    03
NML$NPA_SEDELOG                 000009F4 RG    03
NML$NPA_SEDENOD                 00001298 RG    03
NML$NPA_SEDEOBJ                 00002878 RG    03
NML$NPA_SEDESUB                 0000299C RG    03
NML$NPA_SEDE_NI_CONFIG          00002838 RG    03
NML$NPA_SEDE_PROT_DTE           00001DDC RG    03
NML$NPA_SEDE_PROT_GRP           00001EE8 RG    03
NML$NPA_SEDE_PROT_NET           00001BCC RG    03
NML$NPA_SEDE_TRACE              000022FC RG    03
NML$NPA_SEDE_TRACEPOINT         00002434 RG    03
NML$NPA_SEDE_X25_ACCESS         00001B20 RG    03
NML$NPA_SEDE_X25_SERV           000020BC RG    03
NML$NPA_SEDE_X25_SERV_DEST      0000213C RG    03
NML$NPA_SEDE_X29_SERV           000024FC RG    03
NML$NPA_SEDE_X29_SERV_DEST      00002630 RG    03
NML$PRM_CHANNELS                ********     X 03
NML$PRM_CHECK                   ********     X 03
NML$PRM_CHKEFI                  ********     X 03
NML$PRM_CHKESI                  ********     X 03
NML$PRM_CHKEVE                  ********     X 03
NML$PRM_CHKEXE                  ********     X 03
NML$PRM_CHKKNO                  ********     X 03
NML$PRM_CHKLOO                  ********     X 03
NML$PRM_CHKNOD                  ********     X 03
NML$PRM_CHKREM                  ********     X 03
NML$PRM_CIRC_OWNER              ********     X 03
NML$PRM_ERR                     ********     X 03
NML$PRM_EVTCLASS                ********     X 03
NML$PRM_EVTMASK                 ********     X 03
NML$PRM_EVTMSKTYP               ********     X 03
NML$PRM_EVTSOURCE               ********     X 03
NML$PRM_EVTSRCTYP               ********     X 03
NML$PRM_OBJPRV                  ********     X 03
NML$PRM_QUAL_FORMAT             ********     X 03
NML$PRM_SAVE_NODE               ********     X 03
NML$PRM_SET_NET                 ********     X 03
NML$PRM_STRCHK                  ********     X 03
NML$PRSEXESNK                   ********     X 03
NML$PRSIDLEQ                    ********     X 03
NML$PRSIDN                      ********     X 03
NML$PRSSNKNAD                   ********     X 03
NML$PRSSNKNNA                   ********     X 03
NML$_STS_INV                  = FFFFFFFC
NML$_STS_PGP                  = FFFFFFCA
NML$_STS_PMS                  = FFFFFFC6
NML$_STS_PNA                  = FFFFFFD4
NML$_STS_PTY                  = FFFFFFF4
NML$_STS_PVA                  = FFFFFFE0
NML_ACCESS_ACC                  00001BB8 R     03
NML_ACCESS_NOD                  00001B7C R     03
NML_ACCESS_PARAMS               00001B30 R     03
NML_ACCESS_PSW                  00001BA4 R     03
NML_ACCESS_USR                  00001B90 R     03
NML_BYTE_SDB                    00002A24 R     03
NML_CHAN_SUB                    00002A0C R     03
NML_CHECK_GROUP                 00001F08 R     03
NML_CHK_DTE_PARAMS              00001FA4 R     03
NML_CHK_EXEADR                  000003E0 R     03
NML_CHK_GRP_PARAMS              00001FE8 R     03
NML_CHK_NET_PARAMS              00002020 R     03
NML_CHK_NODADR                  000003C0 R     03
NML_CIRCUIT_ACB                 00000548 R     03
NML_CIRCUIT_ACI                 0000055C R     03
NML_CIRCUIT_BBT                 000004F8 R     03
NML_CIRCUIT_BLK                 000002BC R     03
NML_CIRCUIT_CHN                 000004A8 R     03
NML_CIRCUIT_COS                 0000026C R     03
NML_CIRCUIT_DTE                 00000494 R     03
NML_CIRCUIT_DTH                 000005E8 R     03
NML_CIRCUIT_DYB                 000005AC R     03
NML_CIRCUIT_DYI                 000005C0 R     03
NML_CIRCUIT_DYT                 000005D4 R     03
NML_CIRCUIT_HET                 000002A8 R     03
NML_CIRCUIT_IAB                 00000570 R     03
NML_CIRCUIT_IAI                 00000584 R     03
NML_CIRCUIT_IAT                 00000598 R     03
NML_CIRCUIT_LCT                 00000258 R     03
NML_CIRCUIT_MBL                 000004BC R     03
NML_CIRCUIT_MRB                 00000520 R     03
NML_CIRCUIT_MRC                 000002F4 R     03
NML_CIRCUIT_MRT                 00000280 R     03
NML_CIRCUIT_MTR                 00000534 R     03
NML_CIRCUIT_MWI                 000004D0 R     03
NML_CIRCUIT_NUM                 0000031C R     03
NML_CIRCUIT_OWN                 0000038C R     03
NML_CIRCUIT_POL                 00000330 R     03
NML_CIRCUIT_RCT                 00000308 R     03
NML_CIRCUIT_RPR                 00000294 R     03
NML_CIRCUIT_SER                 00000220 R     03
NML_CIRCUIT_STA                 000001D0 R     03
NML_CIRCUIT_START               00000010 R     03
NML_CIRCUIT_TRI                 000004E4 R     03
NML_CIRCUIT_TRT                 0000050C R     03
NML_CIRCUIT_TYP                 00000438 R     03
NML_CIRCUIT_USE                 000003F4 R     03
NML_CIRCUIT_VER                 000005FC R     03
NML_CIRCUIT_XPT                 00000634 R     03
NML_DEST_GROUP_ERR              000026D8 R     03
NML_DTE_LOOP                    00001DEC R     03
NML_EVE_CLASS                   00000B74 R     03
NML_EVE_CLASS2                  00000B8C R     03
NML_EVE_LIST                    00000BBC R     03
NML_EVE_NODEID                  00000B38 R     03
NML_EVE_NODNUM                  00000B54 R     03
NML_EVE_STRING_ID               00000B64 R     03
NML_EVE_SUB                     00000AE0 R     03
NML_EXE_ADD                     00001054 R     03
NML_EXE_ALI                     00001284 R     03
NML_EXE_AMC                     000011E4 R     03
NML_EXE_AMH                     000011F8 R     03
NML_EXE_BRT                     00001130 R     03
NML_EXE_BUS                     00001220 R     03
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NML_EXE_DAC	00001248	R	03	NML_LOG_LAST	00000A6C	R	03				
NML_EXE_DFA	000010A4	R	03	NML_LOG_LNA	00000ABC	R	03				
NML_EXE_DPX	00001270	R	03	NML_LOG_SIN	00000BD4	R	03				
NML_EXE_DWE	000010B8	R	03	NML_LOG_SINADR	00000C08	R	03				
NML_EXE_ETY	000010F4	R	03	NML_LOG_STA	00000A78	R	03				
NML_EXE_IAT	000010CC	R	03	NML_LOG_START	00000A04	R	03				
NML_EXE_IDE	00001014	R	03	NML_LONG_SUB	00002A54	R	03				
NML_EXE_ITI	00001068	R	03	NML_MOD_ENT	00002A84	R	03				
NML_EXE_MAD	00001144	R	03	NML_NET	00001CB8	R	03				
NML_EXE_MAR	000011A8	R	03	NML_NODEID_SUB	0000299C	R	03				
NML_EXE_MBE	000011BC	R	03	NML_NODE_ADDR_SUB	000029D8	R	03				
NML_EXE_MBR	000011D0	R	03	NML_NODNUM	000029BC	R	03				
NML_EXE_MBU	0000120C	R	03	NML_NOD_ACC	00001B0C	R	03				
NML_EXE_MCO	0000116C	R	03	NML_NOD_ADD	00001860	R	03				
NML_EXE_MHO	00001180	R	03	NML_NOD_CPU	000018B4	R	03				
NML_EXE_MLK	00001090	R	03	NML_NOD_CTI	00001878	R	03				
NML_EXE_MLN	00001158	R	03	NML_NOD_DAD	00001ABC	R	03				
NML_EXE_MVI	00001194	R	03	NML_NOD_DCT	00001AD0	R	03				
NML_EXE_NNA	00001028	R	03	NML_NOD_DFL	00001A30	R	03				
NML_EXE_OTI	0000107C	R	03	NML_NOD_DUM	00001A94	R	03				
NML_EXE_PIQ	0000125C	R	03	NML_NOD_EOM	00001774	R	03				
NML_EXE_RFA	000010E0	R	03	NML_NOD_HWA	000018FC	R	03				
NML_EXE_RTI	00001108	R	03	NML_NOD_IHO	00001808	R	03				
NML_EXE_SAD	0000111C	R	03	NML_NOD_LCA	000019F4	R	03				
NML_EXE_SBS	00001234	R	03	NML_NOD_LOOPNA	00001498	R	03				
NML_EXE_STA	00000FC4	R	03	NML_NOD_NAC	000017E0	R	03				
NML_EXE_START	00000C30	R	03	NML_NOD_NLI	00001848	R	03				
NML_FOR_ERR	00002AE0	R	03	NML_NOD_NNA	0000181C	R	03				
NML_GROUP_GNM	00001F64	R	03	NML_NOD_NPW	000017F4	R	03				
NML_GROUP_GTY	00001F78	R	03	NML_NOD_NUS	000017CC	R	03				
NML_GROUP_OPTIONS	00001F24	R	03	NML_NOD_PAC	000017A4	R	03				
NML_IMG_SUB	00002A6C	R	03	NML_NOD_PPW	000017B8	R	03				
NML_LINE_SUB	000029F4	R	03	NML_NOD_PUS	00001790	R	03				
NML_LIN_BFN	00000990	R	03	NML_NOD_REMPNA	00001624	R	03				
NML_LIN_BSZ	000009E0	R	03	NML_NOD_RPA	00001AE4	R	03				
NML_LIN_CLO	00000890	R	03	NML_NOD_SDU	00001AA8	R	03				
NML_LIN_CON	00000858	R	03	NML_NOD_SDV	00001940	R	03				
NML_LIN_DDT	00000954	R	03	NML_NOD_SID	00001A80	R	03				
NML_LIN_DLT	00000968	R	03	NML_NOD_SLI	0000188C	R	03				
NML_LIN_DUP	00000820	R	03	NML_NOD_SLO	00001A08	R	03				
NML_LIN_EPT	000009CC	R	03	NML_NOD_SNV	00001910	R	03				
NML_LIN_HTI	000008F0	R	03	NML_NOD_SPA	000018A0	R	03				
NML_LIN_LCT	000007F8	R	03	NML_NOD_START	000012A8	R	03				
NML_LIN_MBL	00000904	R	03	NML_NOD_STY	00001A44	R	03				
NML_LIN_MCD	000009A4	R	03	NML_NOD_TLO	00001A1C	R	03				
NML_LIN_MRT	00000918	R	03	NML_NOD_TPA	00001AF8	R	03				
NML_LIN_MWI	0000092C	R	03	NML_OBJ_ACC	00002960	R	03				
NML_LIN_PRO	0000080C	R	03	NML_OBJ_FID	000028F8	R	03				
NML_LIN_RTT	000008DC	R	03	NML_OBJ_NUM	0000290C	R	03				
NML_LIN_SER	000007C0	R	03	NML_OBJ_PRV	00002924	R	03				
NML_LIN_SLT	00000940	R	03	NML_OBJ_PRX	00002988	R	03				
NML_LIN_SRT	0000097C	R	03	NML_OBJ_PSW	00002974	R	03				
NML_LIN_STA	0000077C	R	03	NML_OBJ_START	00002888	R	03				
NML_LIN_START	00000658	R	03	NML_OBJ_USR	0000294C	R	03				
NML_LIN_STI	000008C8	R	03	NML_OWN_PRM	000003A0	R	03				
NML_LIN_XMD	000009B8	R	03	NML_OWN_SUB	000003B4	R	03				
NML_LOG_EVE	00000AD0	R	03	NML_PGP_ERR	00002B08	R	03				

NML_PMS_ERR	00002AF4	R	03	NML_X29_DEST_CVL	000027D4	R	03				
NML_PNA_ERR	00002AB8	R	03	NML_X29_DEST_FIL	00002824	R	03				
NML_PROTOCOL_CAT	00001D78	R	03	NML_X29_DEST_GRP	000027E8	R	03				
NML_PROTOCOL_CHN	00001EC0	R	03	NML_X29_DEST_LOOP	00002640	R	03				
NML_PROTOCOL_CLT	00001D8C	R	03	NML_X29_DEST_NOD	00002724	R	03				
NML_PROTOCOL_CTM	00001E98	R	03	NML_X29_DEST_NUM	000027FC	R	03				
NML_PROTOCOL_DBL	00001CEC	R	03	NML_X29_DEST_OBJ	00002774	R	03				
NML_PROTOCOL_DWI	00001D00	R	03	NML_X29_DEST_OBJ_NUM	000027A0	R	03				
NML_PROTOCOL_LIN	00001EAC	R	03	NML_X29_DEST_PRI	000027AC	R	03				
NML_PROTOCOL_MBL	00001D14	R	03	NML_X29_DEST_SAD	00002810	R	03				
NML_PROTOCOL_MCI	00001ED4	R	03	NML_X29_DEST_SPW	0000274C	R	03				
NML_PROTOCOL_MCL	00001D3C	R	03	NML_X29_DEST_USR	00002738	R	03				
NML_PROTOCOL_MNS	00001DC8	R	03	NML_X29_SERV_CTM	000025F4	R	03				
NML_PROTOCOL_MRS	00001D50	R	03	NML_X29_SERV_MCI	00002608	R	03				
NML_PROTOCOL_MST	00001D64	R	03	NML_X29_SERV_PARAMS	0000250C	R	03				
NML_PROTOCOL_MWI	00001D28	R	03	NML_X29_SERV_STA	0000261C	R	03				
NML_PROTOCOL_NET	00001CA4	R	03	NPA$M_ACTION	= 00000004						
NML_PROTOCOL_PARAMS	00001BDC	R	03	NPA$M_EXT	= 00000001						
NML_PROTOCOL_RST	00001DA0	R	03	NPA$M_LAST	= 00008000						
NML_PROTOCOL_STA	00001E54	R	03	NPA$M_MASK	= 00000010						
NML_PROTOCOL_STT	00001DB4	R	03	NPA$M_MSKADR	= 00000020						
NML_PTY_ERR	00002AA4	R	03	NPA$M_OFFSET	= 00000040						
NML_PVA_ERR	00002ACC	R	03	NPA$M_PARAM	= 00000002						
NML_SERV_GROUP_ERR	00002538	R	03	NPA$M_STATE	= 00000008						
NML_SET_NET	00001CD8	R	03	NPA$_ADVANCE	= 00000001						
NML_TRACEPNT_CPS	000024D4	R	03	NPA$_BYTE	= 00000003						
NML_TRACEPNT_LOOP	00002444	R	03	NPA$_EOM	= 00000004						
NML_TRACEPNT_TST	000024E8	R	03	NPA$_ERROR	= 00000007						
NML_TRACE_BSZ	000023BC	R	03	NPA$_EXIT	= 00000000						
NML_TRACE_CPL	0000240C	R	03	NPA$_EXTZV	= 0000000A						
NML_TRACE_FNM	000023E4	R	03	NPA$_FAIL	= FFFFFFFF						
NML_TRACE_MBF	000023F8	R	03	NPA$_IMAGE	= 00000000						
NML_TRACE_MBK	000023D0	R	03	NPA$_LOOK	= 00000009						
NML_TRACE_MVR	00002420	R	03	NPA$_MASK	= 00000002						
NML_TRACE_PARAMS	0000230C	R	03	NPA$_MATCH	= 00000008						
NML_TRACE_STA	000023A8	R	03	NPA$_NULL	= 00000005						
NML_WORD_SUB	00002A3C	R	03	NPA$_SBEXP	= 00000006						
NML_X25_DEST_ACC	00002228	R	03	NPA$_WORD	= 00000001						
NML_X25_DEST_CMK	00002284	R	03	NXT$$$	= 00000000						
NML_X25_DEST_CVL	00002298	R	03								
NML_X25_DEST_FIL	000022E8	R	03								
NML_X25_DEST_GRP	000022AC	R	03								
NML_X25_DEST_LOOP	0000214C	R	03								
NML_X25_DEST_NOD	000021EC	R	03								
NML_X25_DEST_NUM	000022C0	R	03								
NML_X25_DEST_OBJ	0000223C	R	03								
NML_X25_DEST_OBJ_NUM	00002268	R	03								
NML_X25_DEST_PRI	00002270	R	03								
NML_X25_DEST_SAD	000022D4	R	03								
NML_X25_DEST_SPW	00002214	R	03								
NML_X25_DEST_USR	00002200	R	03								
NML_X25_SERV_CTM	00002100	R	03								
NML_X25_SERV_MCI	00002114	R	03								
NML_X25_SERV_PARAMS	000020CC	R	03								
NML_X25_SERV_STA	00002128	R	03								
NML_X29_DEST_ACC	00002760	R	03								
NML_X29_DEST_CMK	000027C0	R	03								

Psect synopsis

PSECT name	Allocation	PSECT No.	Attributes
. ABS .	00000000 (0.)	00 (0.)	NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
. BLANK .	00000000 (0.)	01 (1.)	NOPIC USR CON REL LCL NOSHR EXE RD WRT NOVEC BYTE
ABS	00000000 (0.)	02 (2.)	NOPIC USR CON ABS LCL NOSHR EXE RD WRT NOVEC BYTE
NPA$STATE	00002B1C (11036.)	03 (3.)	NOPIC USR CON REL LCL NOSHR NOEXE RD NOWRT NOVEC BYTE

Performance indicators

Phase	Page faults	CPU Time	Elapsed Time
Initialization	33	00:00:00.07	00:00:00.81
Command processing	152	00:00:00.84	00:00:06.61
Pass 1	1653	00:02:18.81	00:04:34.81
Symbol table sort	0	00:00:02.17	00:00:02.86
Pass 2	506	00:00:27.28	00:00:58.33
Symbol table output	15	00:00:00.58	00:00:02.78
Psect synopsis output	2	00:00:00.03	00:00:00.04
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	2363	00:02:49.78	00:05:46.24

The working set limit was 3450 pages.
695256 bytes (1358 pages) of virtual memory were used to buffer the intermediate code.
There were 90 pages of symbol table space allocated to hold 1521 non-local and 0 local symbols.
2450 source lines were read in Pass 1, producing 109 object records in Pass 2.
35 pages of virtual memory were used to define 32 macros.

Macro library statistics

Macro library name	Macros defined
_255DUA28:[SHRLIB]NMALIBRY.MLB;1	1
_255DUA28:[SYS.OBJ]LIB.MLB;1	0
_255DUA28:[NML.OBJ]NMLLIB.MLB;1	18
_255DUA28:[SYSLIB]STARLET.MLB;2	3
TOTALS (all libraries)	22

1357 GETS were required to define 22 macros.

There were no errors, warnings or information messages.

```
MACRO/LIS=LIS$:NMLSEDEST/OBJ=OBJ$:NMLSEDEST MSRC$:NMLSEDEST/UPDATE=(ENH$:NMLSEDEST)+LIB$:NMLLIB/LIB+EXECML$/LIB+SHRLIB$:NMALIBRY/LIB
```

NMLREALOG
LIS

NMLSHOPRM
LIS

NMLSET
LIS

NMLSEDEST
LIS