

NNN		NNN	CCCCCCCCCCCC	PPPPPPPPPPPP	
NNN		NNN	CCCCCCCCCCCC	PPPPPPPPPPPP	
NNN		NNN	CCCCCCCCCCCC	PPPPPPPPPPPP	
NNN		NNN	CCC	PPP	PPP
NNN		NNN	CCC	PPP	PPP
NNN		NNN	CCC	PPP	PPP
NNNNNN		NNN	CCC	PPP	PPP
NNNNNN		NNN	CCC	PPP	PPP
NNNNNN		NNN	CCC	PPP	PPP
NNN	NNN	NNN	CCC	PPPPPPPPPPPP	
NNN	NNN	NNN	CCC	PPPPPPPPPPPP	
NNN	NNN	NNN	CCC	PPPPPPPPPPPP	
NNN	NNNNNN	NNN	CCC	PPP	
NNN	NNNNNN	NNN	CCC	PPP	
NNN	NNNNNN	NNN	CCC	PPP	
NNN	NNN	NNN	CCC	PPP	
NNN	NNN	NNN	CCC	PPP	
NNN	NNN	NNN	CCC	PPP	
NNN	NNN	NNN	CCCCCCCCCCCC	PPP	
NNN	NNN	NNN	CCCCCCCCCCCC	PPP	
NNN	NNN	NNN	CCCCCCCCCCCC	PPP	

```

NN      NN      CCCCCCCC PPPPPPPP SSSSSSSS TTTTTTTTTT AAAAAA DDDDDDDD IIIIII SSSSSSSS
NN      NN      CCCCCCCC PPPPPPPP SSSSSSSS TTTTTTTTTT AAAAAA DDDDDDDD IIIIII SSSSSSSS
NN      NN      CC      PP      PP      SS      TT      AA      AA      DD      DD      II      SS
NN      NN      CC      PP      PP      SS      TT      AA      AA      DD      DD      II      SS
NNNN    NN      CC      PP      PP      SS      TT      AA      AA      DD      DD      II      SS
NNNN    NN      CC      PP      PP      SS      TT      AA      AA      DD      DD      II      SS
NN      NN      CC      PPPPPPPP SSSSSS      TT      AA      AA      DD      DD      II      SSSSSS
NN      NN      CC      PPPPPPPP SSSSSS      TT      AA      AA      DD      DD      II      SSSSSS
NN      NNNN    CC      PP      SS      TT      AAAAAAAAAA DD      DD      II      SS
NN      NNNN    CC      PP      SS      TT      AAAAAAAAAA DD      DD      II      SS
NN      NN      CC      PP      SS      TT      AA      AA      DD      DD      II      SS
NN      NN      CC      PP      SS      TT      AA      AA      DD      DD      II      SS
NN      NN      CCCCCCCC PP      SSSSSSSS TT      AA      AA      DDDDDDDD IIIIII SSSSSSSS
NN      NN      CCCCCCCC PP      SSSSSSSS TT      AA      AA      DDDDDDDD IIIIII SSSSSSSS

```



```

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

```

```
0001 0 %TITLE 'Disconnect Parse States and Data'
0002 0 MODULE NCPSTADIS (IDENT = 'V04-000', LIST(NOOBJECT)) =
0003 1 BEGIN
0004 1
0005 1
0006 1 *****
0007 1 *
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0025 1 *
0026 1 *
0027 1 *****
0028 1
0029 1
0030 1 ++
0031 1 FACILITY:      Network Control Program (NCP)
0032 1
0033 1 ABSTRACT:
0034 1
0035 1       States and data for the parsing of NCP disconnect commands
0036 1
0037 1 ENVIRONMENT:   VAX/VMS Operating System
0038 1
0039 1 AUTHOR:        Darrell Duffy      , CREATION DATE: 25-September-79
0040 1
0041 1 MODIFIED BY:
0042 1
0043 1       V03-002 PRD0063      Paul R. DeStefano      05-Feb-1984
0044 1       Change ACT$GL_NODADR_Q references to ACT$GL_ADR_Q.
0045 1
0046 1       V03-001 RPG0001      Bob Grosso              21-Sep-1982
0047 1       Remove prompting for Connecting node since its no longer
0048 1       required for a disconnect.
0049 1
0050 1       V003      TMH0003      Tim Halvorsen          22-Jun-1981
0051 1       Mark entity LNK as system-specific to distinguish
0052 1       between NICE and VMS entity numbering schemes.
0053 1
0054 1       V02-002 LMK0001      Len Kawell              23-Dec-1980
0055 1       Add NODE name prompting.
0056 1 --
```



```

: 58 0057 1 %SBTTL 'Definitions'
: 59 0058 1
: 60 0059 1
: 61 0060 1 INCLUDE FILES:
: 62 0061 1
: 63 0062 1
: 64 0063 1 LIBRARY 'LIB$:NCPLIBRY';
: 65 0064 1 LIBRARY 'LIB$:NMALIBRY';
: 66 0065 1 LIBRARY 'SYS$LIBRARY:TPAMAC';
: 67 0066 1
: 68 0067 1
: 69 0068 1 EXTERNAL REFERENCES:
: 70 0069 1
: 71 0070 1
: 72 0071 1 ACT_DFN ! External symbols for action routines
: 73 0072 1 EXTERNAL ! Mark that entity does not require parameters
: 74 0073 1 NCP$GL_NOPARMS;
: 75 0074 1
: 76 0075 1
: 77 0076 1 LITERALS
: 78 0077 1
: 79 0078 1
: 80 0079 1 LITERAL
: 81 0080 1 NO_PARM_REQ = 1; ! Mark that an entity does not require
: 82 0081 1 ! a parameter so that the check in
: 83 0082 1 ! NCPVRBACT can be disabled.
```

```

85      0083 1 %SBTTL 'Parameter blocks'
86      0084 1
87      0085 1
88      0086 1
89      0087 1
90      0088 1
91      0089 1
92      0090 1
93      0091 1
94      0092 1
95      P 0093 1
96      P 0094 1
97      P 0095 1
98      P 0096 1
99      P 0097 1
100     P 0098 1
101     P 0099 1
102     P 0100 1
103     0101 1
104     0102 1
105     0103 1
106     P 0104 1
107     P 0105 1
108     P 0106 1
109     P 0107 1
110     P 0108 1
111     P 0109 1
112     P 0110 1
113     P 0111 1
114     P 0112 1
115     0113 1
116     0114 1
117     P 0115 1
118     P 0116 1
119     0117 1

      BIND DATA:

      Parameter Blocks

      BUILD_PCL
      (DIS,
      NOD, NADR,      PCLK_NID, ,
      , END, , ,
      )

      BUILD_PBK
      (DIS,
      ALL, LITB, 0, VRB_ALL,
      NOD, NADR, , VRB_ENT,
      ENT, NADR, , VRB_ENT,
      KWN, LITB, NMASC_ENT_KNO, VRB_ENT,
      )

      BUILD_SDB
      (DIS, -NMASC_SENT_LNK, VRB_ENT, DIS)
```

```

: 121      0118 1 %SBTTL 'Prompt strings'
: 122      0119 1
: 123      0120 1
: 124      0121 1 Build prompt strings
: 125      0122 1
: 126      0123 1
: 127      0124 1 BIND
: 128      0125 1
: 129      P 0126 1 PROMPT_STRINGS
: 130      P 0127 1 (DIS,
: 131      P 0128 1
: 132      P 0129 1 LNK, ' (LINK, KNOWN LINKS): ',
: 133      P 0130 1 ENT, 'Link address (1-65535): ',
: 134      P 0131 1 NOD, 'Connecting node (node-name, address): ',
: 135      P 0132 1
: 136      0133 2 )
: 137      0134 1 ;

```



```
139 0135 1 %SBTTL 'State Table Entry'
140 0136 1
141 0137 1 $INIT_STATE (NCP$G_STTBL_DIS, NCP$G_KYTBL_DIS);
142 0138 1
143 0139 1 |
144 0140 1 | Disconnect Command
145 0141 1 |
146 0142 1 |
147 0143 1 |
148 0144 1 | Dispatch to entity types and prompt if end of string
149 0145 1 |
150 0146 1
151 P 0147 1 COMMAND PROMPT
152 P 0148 1 (DIS, LNK, NCP$_INVKEY,
153 P 0149 1
154 P 0150 1 ('LINK', ST_DIS_ENT),
155 P 0151 1 ('KNOWN', ST_DIS_KNO, ACT$SAVPRM, , , PBK$G_DIS_KWN)
156 P 0152 1 )
157 0153 1
158 0154 1 |
159 0155 1 | Obtain the link number
160 0156 1 |
161 0157 1 |
162 0158 1
163 P 0159 1 COMMAND PROMPT
164 P 0160 1 (DIS, ENT, NCP$_INVVAL,
165 P 0161 1
166 P 0162 1 ( (SE_LINK_ADR), , ACT$SAVPRM, NO_PARM_REQ, NCP$GL_NOPARMS, PBK$G_DIS_ENT)
167 P 0163 1 )
168 0164 1
169 0165 1
170 P 0166 1 $STATE (
171 P 0167 1 ('WITH', ST_DIS_WTH_NOD),
172 P 0168 1 (TPAS_EOS, ST_DIS_DOIT)
173 0169 1 );
174 0170 1 |
175 0171 1 | All the links or just those with a node?
176 0172 1 |
177 0173 1
178 P 0174 1 $STATE (ST_DIS_KNO,
179 P 0175 1 ('LINKS'),
180 P 0176 1 (TPAS_LAMBDA)
181 0177 1 );
182 0178 1
183 P 0179 1 $STATE (ST_DIS_WTH,
184 P 0180 1 ('WITH'),
185 P 0181 1 (TPAS_EOS, ST_DIS_DOIT, ACT$SAVPRM, , , PBK$G_DIS_ALL)
186 0182 1 );
```

```

: 188      0183 1
: 189      0184 1
: 190      0185 1      Another noise word
: 191      0186 1
: 192      0187 1
: 193      P 0188 1 $STATE (ST_DIS_WTH_NOD,
: 194      P 0189 1      ('NODE',
: 195      P 0190 1      (TPAS_LAMBDA)
: 196      0191 1      );
: 197      0192 1
: 198      0193 1
: 199      0194 1      Obtain the node-id for connecting node
: 200      0195 1
: 201      0196 1
: 202      P 0197 1      COMMAND PROMPT
: 203      P 0198 1      (DIS, NOD, NCP$_INVVAL,
: 204      P 0199 1
: 205      P 0200 1      ( (SE_NODE_ID), ST_DIS_DOIT, ACT$SAVPRM, , , PBK$G_DIS_NOD)
: 206      P 0201 1
: 207      0202 1
: 208      0203 1
: 209      0204 1
: 210      0205 1      Perform the function
: 211      0206 1
: 212      0207 1
: 213      P 0208 1 $STATE (ST_DIS_DOIT, ! Set the option mask
: 214      P 0209 1      (TPAS_LAMBDA, , , NMASC_SENT_LNK, NCP$GL_OPTION, )
: 215      0210 1      );
: 216      0211 1
: 217      P 0212 1 $STATE ( ! Perform the function
: 218      P 0213 1      (TPAS_EOS, TPAS_EXIT, ACT$VRB_UTILITY, , , SDB$G_DIS)
: 219      0214 1      );
: 220      0215 1
: 221      0216 1
: 222      0217 1      Obtain the link address
: 223      0218 1
: 224      0219 1
: 225      P 0220 1 $STATE (SE_LINK_ADR,
: 226      P 0221 1      (TPAS_LAMBDA, , ACT$CLRLONG, , , ACT$GL_ADR_Q)
: 227      0222 1      );
: 228      0223 1
: 229      P 0224 1 $STATE (
: 230      P 0225 1      (TPAS_DECIMAL, TPAS_EXIT, ACT$NUM_RNG, TRUE, ACT$GL_ADR_Q,
: 231      P 0226 1      NUM_RANGE (LOW_LNK_ADR, HIGH_LNK_ADR) )
: 232      0227 1      );
```


NCPSTADIS
V04-000

Disconnect Parse States and Data
Define Subexpressions from Library

E 15
16-Sep-1984 00:26:49
14-Sep-1984 12:48:20

VAX-11 Bliss-32 V4.0-742
[NCP.SRC]NCPSTADIS.B32;1

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```
: 234      0228 1 %SBTTL 'Define Subexpressions from Library'
: 235      0229 1
: 236      0230 1 !
: 237      0231 1 !
: 238      0232 1 !
: 239      0233 1 !
: 240      0234 1 SEM_NODE_ID ! Node id strings
```

NCPSTADIS
V04-000

Disconnect Parse States and Data
Object Listing of Parse Table

F 15
16-Sep-1984 00:26:49
14-Sep-1984 12:48:20

VAX-11 Bliss-32 V4.0-742
[NCP.SRC]NCPSTADIS.B32;1

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```
: 242      0235 1 %SBTTL 'Object Listing of Parse Table'
: 243      0236 1
: 244      0237 1 END
: 245      0238 0 ELUDOM                                !End of module
```


0269 AH-BT13A-SE
VAX/VMS V4.0

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