


```

1 0001 0 %TITLE 'Text Tables'
2 0002 0 MODULE NCPTABLES (IDENT = 'V04-000', LIST(NOOBJECT)) =
3 0003 1 BEGIN
4 0004 1
5 0005 1
6 0006 1 *****
7 0007 1 *
8 0008 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *
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26 0026 1 *
27 0027 1 *****
28 0028 1
29 0029 1
30 0030 1 ++
31 0031 1 FACILITY: Network Control Program (NCP)
32 0032 1
33 0033 1 ABSTRACT:
34 0034 1
35 0035 1 This module contain tables of status codes and text strings
36 0036 1 used for reporting error messages from NML.
37 0037 1
38 0038 1 ENVIRONMENT: VAX/VMS Operating System
39 0039 1
40 0040 1 AUTHOR: Darrell Duffy , CREATION DATE: 30-October-1979
41 0041 1
42 0042 1 MODIFIED BY:
43 0043 1
44 0044 1 V03-030 PRD0091 Paul R. DeStefano 30-Mar-1984
45 0045 1 Added table for breakdown of Status and Error fields
46 0046 1 of NICE detail when return status = NMASC_STS_OPE.
47 0047 1
48 0048 1 V03-029 PRD0084 Paul R. DeStefano 26-Mar-1984
49 0049 1 Added NMASC_ENT_ARE to DNA entity detail table.
50 0050 1
51 0051 1 V03-028 PRD0067 Paul R. DeStefano 14-Feb-1984
52 0052 1 Change PCXP_MNS parameter to type of LITB.
53 0053 1
54 0054 1 V03-027 PRD0043 Paul R. DeStefano 05-Jan-1984
55 0055 1 Add service node version parameter.
56 0056 1
57 0057 1 V03-026 TMH0026 Tim Halvorsen 20-Jul-1983

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

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


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

```

```

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

```


NCPTABLES
V04-000

Text Tables
Macros to Build Tables

F 12
16-Sep-1984 01:49:58
14-Sep-1984 12:48:33

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

Page 7
(4)

: 285
: 286

M 0282 1
0283 1 x:

NCP
V04

.....

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0284 1
0285 1
0286 1
0287 1
0288 1
0289 1 MACRO
0290 1
0291 1 $NCP_BLDLST (CLS) = ! List is a string of ascic strings
0292 1
0293 1 GLOBAL BIND
0294 1
0295 1 %NAME ('NCP$GA_LST_', CLS) = ! Form of the name
0296 1
0297 1 UPLIT BYTE
0298 1 (
0299 1 $NCP_LST (%REMAINING)
0300 1 , BYTE (0)
0301 1 )
0302 1 :
0303 1
0304 1 %,
0305 1
0306 1 $NCP_LST [ITEM] =
0307 1
0308 1 %ASCIC ITEM
0309 1
0310 1 %,
0311 1 :

```

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317 0312 1 %SBTTL 'Status Code Tables'
318 0313 1
319 0314 1
320 0315 1 Define the psects to hold the data
321 0316 1
322 0317 1
323 0318 1
324 0319 1 PSECT GLOBAL = $NCP_TABLES (NOWRITE, ALIGN (2) );
325 0320 1 PSECT PLIT = $NCP_TABLE_PLIT (NOWRITE, ALIGN (2) );
326 0321 1
327 0322 1
328 0323 1 Build NML status tables
329 0324 1
330 0325 1
331 0326 1 $NCP_BLDTBL
332 0327 1
333 0328 1 (NMLSTS,
334 0329 1
335 0330 1
336 0331 1 NMASC_STS_SUC AND 255, 'Success',
337 0332 1 NMASC_STS_MOR AND 255, 'Request accepted, more to come',
338 0333 1 NMASC_STS_PAR AND 255, 'Partial reply',
339 0334 1 NMASC_STS_DON AND 255, 'Done',
340 0335 1 NMASC_STS_FUN AND 255, 'Unrecognized function or option',
341 0336 1 NMASC_STS_INV AND 255, 'Invalid message format',
342 0337 1 NMASC_STS_PRI AND 255, 'Privilege violation',
343 0338 1 NMASC_STS_SIZ AND 255, 'Oversized management command message',
344 0339 1 NMASC_STS_MPR AND 255, 'Network management program error',
345 0340 1 NMASC_STS_PTY AND 255, 'Unrecognized parameter type',
346 0341 1 NMASC_STS_MVE AND 255, 'Incompatible management version',
347 0342 1 NMASC_STS_CMP AND 255, 'Unrecognized component',
348 0343 1 NMASC_STS_IDE AND 255, 'Invalid identification format',
349 0344 1 NMASC_STS_LCO AND 255, 'Line communication error',
350 0345 1 NMASC_STS_STA AND 255, 'Component in wrong state',
351 0346 1 NMASC_STS_FOP AND 255, 'File open error',
352 0347 1 NMASC_STS_FCO AND 255, 'Invalid file contents',
353 0348 1 NMASC_STS_RES AND 255, 'Resource error',
354 0349 1 NMASC_STS_PVA AND 255, 'Invalid parameter value',
355 0350 1 NMASC_STS_LPR AND 255, 'Line protocol error',
356 0351 1 NMASC_STS_FIO AND 255, 'File I/O error',
357 0352 1 NMASC_STS_MLD AND 255, 'Mirror link disconnected',
358 0353 1 NMASC_STS_ROO AND 255, 'No room for new entry',
359 0354 1 NMASC_STS_MCF AND 255, 'Mirror connect failed',
360 0355 1 NMASC_STS_PNA AND 255, 'Parameter not applicable',
361 0356 1 NMASC_STS_PLO AND 255, 'Parameter value too long',
362 0357 1 NMASC_STS_HAR AND 255, 'Hardware failure',
363 0358 1 NMASC_STS_OPE AND 255, 'Operation failure',
364 0359 1 NMASC_STS_SYS AND 255, 'System-specific management function not supported',
365 0360 1 NMASC_STS_PGP AND 255, 'Invalid parameter grouping',
366 0361 1 NMASC_STS_BLR AND 255, 'Bad loopback response',
367 0362 1 NMASC_STS_PMS AND 255, 'Parameter missing',
368 0363 1 NMASC_STS_ALI AND 255, 'Invalid alias identification',
369 0364 1 NMASC_STS_OBJ AND 255, 'Invalid object identification',
370 0365 1 NMASC_STS_PRO AND 255, 'Invalid process identification',
371 0366 1 NMASC_STS_LNK AND 255, 'Invalid link identification',
372 0367 1
373 0368 1 )

```

375		0369	1	
376		0370	1	
377		0371	1	Error details
378		0372	1	
379		0373	1	
380		0374	1	
381		0375	1	STS_FOP and STS_FIO
382		0376	1	
383		0377	1	
384	P	0378	1	\$NCP_BLDTBL
385	P	0379	1	
386	P	0380	1	(FOPDTL,
387	P	0381	1	
388	P	0382	1	NMASC_FOPDTL_PDB, 'Permanent database',
389	P	0383	1	NMASC_FOPDTL_LFL, 'Load file',
390	P	0384	1	NMASC_FOPDTL_DFL, 'Dump file',
391	P	0385	1	NMASC_FOPDTL_SLF, 'Secondary loader',
392	P	0386	1	NMASC_FOPDTL_TLF, 'Tertiary loader',
393	P	0387	1	NMASC_FOPDTL_SDF, 'Secondary dumper',
394	P	0388	1	
395		0389	1)
396		0390	1	
397		0391	1	
398		0392	1	STS_MLD, STS_MCF
399		0393	1	
400		0394	1	
401	P	0395	1	\$NCP_BLDTBL
402	P	0396	1	
403	P	0397	1	(NCEDTL,
404	P	0398	1	
405	P	0399	1	NMASC_NCEDTL_NNA, 'No node name set',
406	P	0400	1	NMASC_NCEDTL_INN, 'Invalid node name format',
407	P	0401	1	NMASC_NCEDTL_UNA, 'Unrecognized node name',
408	P	0402	1	NMASC_NCEDTL_UNR, 'Node unreachable',
409	P	0403	1	NMASC_NCEDTL_RSC, 'Network resources',
410	P	0404	1	NMASC_NCEDTL_RJC, 'Rejected by object',
411	P	0405	1	NMASC_NCEDTL_ONA, 'Invalid object name format',
412	P	0406	1	NMASC_NCEDTL_OBJ, 'Unrecognized object',
413	P	0407	1	NMASC_NCEDTL_ACC, 'Access control rejected',
414	P	0408	1	NMASC_NCEDTL_BSY, 'Object too busy',
415	P	0409	1	NMASC_NCEDTL_NRS, 'No response from object',
416	P	0410	1	NMASC_NCEDTL_NSD, 'Node shut down',
417	P	0411	1	NMASC_NCEDTL_DIE, 'Node or object failed',
418	P	0412	1	NMASC_NCEDTL_DIS, 'Disconnect by object',
419	P	0413	1	NMASC_NCEDTL_ABO, 'Abort by object',
420	P	0414	1	NMASC_NCEDTL_ABM, 'Abort by management',
421	P	0415	1	
422		0416	1)

424		0417	1	
425		0418	1	
426		0419	1	Details for STS_CMP, STS_IDE, STS_STA
427		0420	1	
428		0421	1	
429	P	0422	1	\$NCP_BLDLTL
430	P	0423	1	
431	P	0424	1	(ENTDTL,
432	P	0425	1	
433	P	0426	1	NMASC_ENT_NOD, 'Node',
434	P	0427	1	NMASC_ENT_LIN, 'Line',
435	P	0428	1	NMASC_ENT_LOG, 'Logging',
436	P	0429	1	NMASC_ENT_CIR, 'Circuit',
437	P	0430	1	NMASC_ENT_MOD, 'Module',
438	P	0431	1	NMASC_ENT_ARE, 'Area',
439		0432	1)
440		0433	1	
441	P	0434	1	\$NCP_BLDLTL
442	P	0435	1	
443	P	0436	1	(VMSENTDTL,
444	P	0437	1	
445	P	0438	1	NMASC_ENT_NOD, 'Node',
446	P	0439	1	NMASC_ENT_LIN, 'Line',
447	P	0440	1	NMASC_ENT_LOG, 'Logging',
448	P	0441	1	NMASC_SENT_OBJ, 'Object',
449	P	0442	1	NMASC_SENT_LNK, 'Link',
450		0443	1)
451		0444	1	
452		0445	1	Details STS_OPE
453		0446	1	
454		0447	1	
455		0448	1	
456	P	0449	1	\$NCP_BLDLTL
457	P	0450	1	
458	P	0451	1	(OPEDTL,
459	P	0452	1	
460	P	0453	1	NMASC_OPEDTL_DCH, 'data check', ! Status field bits
461	P	0454	1	NMASC_OPEDTL_TIM, 'timeout',
462	P	0455	1	NMASC_OPEDTL_ORN, 'data overrun',
463	P	0456	1	NMASC_OPEDTL_ACT, 'unit is active',
464	P	0457	1	NMASC_OPEDTL_BAF, 'buffer allocation failure',
465	P	0458	1	NMASC_OPEDTL_RUN, 'protocol running',
466	P	0459	1	NMASC_OPEDTL_DSC, 'line disconnected',
467	P	0460	1	NMASC_OPEDTL_FTL, 'fatal hardware error', ! Error field bits
468	P	0461	1	NMASC_OPEDTL_MNT, 'DDCMP maintenance message received',
469	P	0462	1	NMASC_OPEDTL_LST, 'data lost due to buffer size mismatch',
470	P	0463	1	NMASC_OPEDTL_THR, 'threshold error',
471	P	0464	1	NMASC_OPEDTL_TRB, 'tributary malfunction',
472	P	0465	1	NMASC_OPEDTL_STA, 'DDCMP start message received',
473		0466	1)
474		0467	1	
475		0468	1	

```

: 477      0469 1 %SBTTL 'Parameter Text Tables'
: 478      0470 1
: 479      0471 1
: 480      0472 1
: 481      0473 1
: 482      0474 1
: 483      0475 1
: 484      P 0476 1
: 485      P 0477 1
: 486      P 0478 1
: 487      P 0479 1
: 488      P 0480 1
: 489      P 0481 1
: 490      P 0482 1
: 491      P 0483 1
: 492      0484 1

          Area

          $NCP_PRMTBL
          (ARE,

          PCAR_STA, LITB, NCP$GA_TBL_NODSTA, 'State',
          PCAR_COS, NUMW,                      'Cost',
          PCAR_HOP, NUMB,                      'Hops',
          PCAR_CIR, TKN,                      'Circuit',
          PCAR_NND, NADR,                      'Next node to area',

          )
```

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

```

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

```


Line	Parameter	Type	Table	Description
568				
569				
570				
571				
572				
573	P		\$NCP_PRMTBL	
574	P		(LIN,	
575	P			
576	P		PCLI_STA, LITB, NCP\$GA_TBL_LINSTA,	'State'
577	P		PCLI_SUB, LITB, NCP\$GA_TBL_LINSUB,	'Substate'
578	P		PCLI_SER, LITB, NCP\$GA_TBL_LINSVC,	'Service'
579	P		PCLI_LCT, NUMW,	'Counter timer'
580	P		PCLI_LOO, TKN,	'Loopback name'
581	P		PCLI_ADJ, NADR,	'Adjacent node'
582	P		PCLI_BLO, NUMW,	'Block size'
583	P		PCLI_COS, NUMB,	'Cost'
584	P		PCLI_DEV, TKN,	'Device'
585	P		PCLI_PRO, LITB, NCP\$GA_TBL_LINPRO,	'Protocol'
586	P		PCLI_DUP, LITB, NCP\$GA_TBL_LINDPX,	'Duplex'
587	P		PCLI_CON, LITB, NCP\$GA_TBL_LINCTL,	'Controller'
588	P		PCLI_CLO, LITB, NCP\$GA_TBL_LINCLO,	'Clock'
589	P		PCLI_LTY, LITB, NCP\$GA_TBL_LINTYP,	'Type'
590	P		PCLI_STI, NUMW,	'Service timer'
591	P		PCLI_NTI, NUMW,	'Retransmit timer'
592	P		PCLI-HTI, NUMW,	'Holdback timer'
593	P		PCLI_MBL, NUMW,	'Maximum block'
594	P		PCLI_MRT, NUMB,	'Maximum retransmits'
595	P		PCLI_MWI, NUMB,	'Maximum window'
596	P		PCLI_TRI, NUMB,	'Tributary address'
597	P		PCLI_SLT, NUMW,	'Scheduling timer'
598	P		PCLI_DDT, NUMW,	'Dead timer'
599	P		PCLI_DLT, NUMW,	'Delay timer'
600	P		PCLI_SRT, NUMW,	'Stream timer'
601	P		PCLI_HWA, NIADR,	'Hardware address'
602	P		PCLI_BFN, NUMW,	'Receive buffers'
603	P			
604	P		PCLI_MCD, TKN,	'Micro-code dump file'
605	P		PCLI_XMD, LITB, NCP\$GA_TBL_LINMOD,	'X25 line mode'
606	P		PCLI_EPT, NUMW,	'Ethernet protocol type'
607	P		PCLI_BSZ, NUMW,	'Buffer size'
608	P			
609	P			
610	P		RSX-specific line parameters	
611	P			
612	P		PCLI_RSX_OWN, HIGH,	'Owner'
613	P		PCLI_RSX_CCS, HIGH,	'Controller CSR'
614	P		PCLI_RSX_UCS, HIGH,	'Unit CSR'
615	P		PCLI_RSX_VEC, HIGH,	'Vector'
616	P		PCLI_RSX_PRI, HIGH,	'Priority'
617	P		PCLI_RSX_MDE, HIGH,	'Dead polling ratio'
618	P		PCLI_RSX_LLO, LITB, NCP\$GA_TBL_LINLOC,	'Location'
619	P		PCLI_RSX_LOG, HIGH,	'Logical name'
620	P		PCLI_RSX_DLG, HIGH,	'Designated name'
621	P		PCLI_RSX_ACT, HIGH,	'Actual name'
622	P			
623	P			
624	P		Server Base specific line parameters	

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

```

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

```

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



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



```

829      0812      1      |
830      0813      1      |
831      0814      1      |
832      0815      1      |
833      P 0816      1      |
834      P 0817      1      |
835      P 0818      1      |
836      P 0819      1      |
837      P 0820      1      |
838      P 0821      1      |
839      P 0822      1      |
840      P 0823      1      |
841      P 0824      1      |
842      P 0825      1      |
843      P 0826      1      |
844      P 0827      1      |
845      P 0828      1      |
846      P 0829      1      |
847      P 0830      1      |
848      P 0831      1      |
849      P 0832      1      |
850      P 0833      1      |
851      P 0834      1      |
852      P 0835      1      |
853      0836      1      |

```

Configurator module

```

$NCP_PRMTBL
(MODCNF,
PCCN_CIR, TKN, 'Circuit name',
PCCN_SUR, LITB, NCP$GA_TBL_MLOASS, 'Surveillance flag',
PCCN_ELT, DELTIM, 'Elapsed time',
PCCN_PHA, NIADR, 'Physical address',
PCCN_LRP, DAYTIM, NCP$GA_TBL_MON, 'Time of last report',
PCCN_MVR, TRIPL, 'Maintenance version',
PCCN_FCT, LITLST, NCP$GA_TBL_CNFFCT, 'Function list',
PCCN_CUS, NADR, 'Current console user',
PCCN_RTR, NUMW, 'Reservation timer',
PCCN_CSZ, NUMW, 'Command buffer size',
PCCN_RSZ, NUMW, 'Response buffer size',
PCCN_HWA, NIADR, 'Hardware address',
PCCN_DTY, LITB, NCP$GA_TBL_SVCDEV, 'Device type',
PCCN_SFI, ???, 'Software ID',
PCCN_SPR, LITB, NCP$GA_TBL_MCOPRC, 'System processor',
PCCN_DLK, LITB, NCP$GA_TBL_MCODAT, 'Data link type',
)

```

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

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

RSX-Specific Node (Executor) parameters

Server Base specific Node (Executor) parameters

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


```

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

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

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

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

NCPTABLES
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Text Tables
Parameter Text Tables

: 1347

1326 1

6 14
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1349	1327	1	
1350	1328	1	
1351	1329	1	
1352	1330	1	Parameter keyword tables
1353	1331	1	
1354	1332	1	
1355	1333	1	\$NCP_BLDTBL
1356	1334	1	
1357	1335	1	(CIRPOL,
1358	1336	1	! Circuit polling state
1359	1337	1	1. 'automatic',
1360	1338	1	2. 'active',
1361	1339	1	3. 'inactive',
1362	1340	1	4. 'dying',
1363	1341	1	5. 'dead',
1364	1342	1	
1365	1343	1)
1366	1344	1	
1367	1345	1	\$NCP_BLDTBL
1368	1346	1	
1369	1347	1	(CIRPLS,
1370	1348	1	! Circuit polling substate
1371	1349	1	1. 'active',
1372	1350	1	2. 'inactive',
1373	1351	1	3. 'dying',
1374	1352	1	4. 'dead',
1375	1353	1	
1376	1354	1)
1377	1355	1	
1378	1356	1	\$NCP_BLDTBL
1379	1357	1	
1380	1358	1	(CIRBLK,
1381	1359	1	! Circuit blocking
1382	1360	1	0. 'enabled',
1383	1361	1	1. 'disabled',
1384	1362	1	
1385	1363	1)
1386	1364	1	
1387	1365	1	\$NCP_BLDTBL
1388	1366	1	
1389	1367	1	(CIRUSE,
1390	1368	1	! Circuit usage
1391	1369	1	0. 'permanent',
1392	1370	1	1. 'incoming',
1393	1371	1	2. 'outgoing',
1394	1372	1	
1395	1373	1)
1396	1374	1	
1397	1375	1	\$NCP_BLDTBL
1398	1376	1	
1399	1377	1	(CIRTYP,
1400	1378	1	! Circuit type
1401	1379	1	0. 'DDCMP point',
1402	1380	1	1. 'DDCMP control',
1403	1381	1	2. 'DDCMP tributary',
1404	1382	1	3. 'X.25',
1405	1383	1	4. 'DDCMP DMC compatible',

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

```

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

```

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



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

```

```

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

```

```

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

```

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

```

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

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

```
: 1825  
: 1826  
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: 1840  
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: 1854  
: 1855
```

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

```
: 1857  
: 1858 P 1831 1  
: 1859 P 1832 1 $NCP BLDTBL ! Line counters  
: 1860 P 1833 1 (PH2CINCOU,  
: 1861 P 1834 1  
: 1862 P 1835 1 0. 'Seconds since last zeroed',  
: 1863 P 1836 1 1. 'Blocks received',  
: 1864 P 1837 1 2. 'Blocks sent',  
: 1865 P 1838 1 3. 'Retransmissions, line errors',  
: 1866 P 1839 1 4. 'Received line errors',  
: 1867 P 1840 1 5. 'Retransmissions, other than line errors and parity',  
: 1868 P 1841 1 6. 'Receive timeouts',  
: 1869 P 1842 1 7. 'Receive selection errors',  
: 1870 P 1843 1 8. 'Resource errors',  
: 1871 P 1844 1 64. 'Naks received--no buffer available',  
: 1872 P 1845 1 65. 'Naks received--bad buffer bcc',  
: 1873 P 1846 1 66. 'Naks received--bad data bcc',  
: 1874 P 1847 1 67. 'Naks send--no buffers available',  
: 1875 P 1848 1 68. 'Naks sent--bad header bcc',  
: 1876 P 1849 1 69. 'Naks sent--bad data bcc',  
: 1877 P 1850 1 70. 'Reps sent',  
: 1878 P 1851 1 71. 'Reps received',  
: 1879 P 1852 1  
: 1853 1 )
```


1881	1854	1		
1882	P 1855	1	\$NCP BLDTBL	! Line type codes
1883	P 1856	1	(PH2CINES,	
1884	P 1857	1		
1885	P 1858	1	0.	'DP'
1886	P 1859	1	2.	'DU'
1887	P 1860	1	6.	'DQ'
1888	P 1861	1	8.	'DA'
1889	P 1862	1	10.	'DUP'
1890	P 1863	1	12.	'DMC'
1891	P 1864	1	14.	'DLV'
1892	P 1865	1	18.	'KL'
1893	P 1866	1	20.	'DT'
1894	P 1867	1	22.	'DV'
1895	P 1868	1	24.	'DZ'
1896	P 1869	1	28.	'KDP'
1897	P 1870	1	30.	'KDZ'
1898	P 1871	1		
1899	1872	1)	

NCPTABLES
V04-000

Text Tables
Object Listing of Tables

H 15
16-Sep-1984 01:49:58
14-Sep-1984 12:48:33

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

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


