

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  MM      MM  PPPPPPPP  RRRRRRRR
NN      NN      CCCCCCCC  PPPPPPPP  SSSSSSSS  TTTTTTTTTT  AAAAAA  MM      MM  PPPPPPPP  RRRRRRRR
NN      NN      CC        PP          PP  SS          TT          AA          AA  MMMM  MMMM  PP          PP  RR          RR
NN      NN      CC        PP          PP  SS          TT          AA          AA  MMMM  MMMM  PP          PP  RR          RR
NNNN    NN      CC        PP          PP  SS          TT          AA          AA  MM  MM  MM  PP          PP  RR          RR
NNNN    NN      CC        PP          PP  SS          TT          AA          AA  MM  MM  MM  PP          PP  RR          RR
NN  NN  NN      CC        PPPPPPPP  SSSSSS          TT          AA          AA  MM      MM  PPPPPPPP  RRRRRRRR
NN  NN  NN      CC        PPPPPPPP  SSSSSS          TT          AA          AA  MM      MM  PPPPPPPP  RRRRRRRR
NN      NNNN    CC        PP          SS          TT          AAAAAAAAAA  MM      MM  PP          RR  RR
NN      NNNN    CC        PP          SS          TT          AAAAAAAAAA  MM      MM  PP          RR  RR
NN      NN      CC        PP          SS          TT          AA          AA  MM      MM  PP          RR  RR
NN      NN      CC        PP          SS          TT          AA          AA  MM      MM  PP          RR  RR
NN      NN      CCCCCCCC  PP          SSSSSSSS  TT          AA          AA  MM      MM  PP          RR  RR
NN      NN      CCCCCCCC  PP          SSSSSSSS  TT          AA          AA  MM      MM  PP          RR  RR

```

....
....
....
....

```

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 'X.25 Protocol Module Parsing'
0002 0 MODULE NCPSTAMPR (IDENT = 'V04-000',LIST(NOOBJECT)) =
0003 1 BEGIN
0004 1
0005 1
0006 1 *****
0007 1 *
0008 1 *   COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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0024 1 *   SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
0025 1 *
0026 1 *
0027 1 *****
0028 1
0029 1
0030 1 ++
0031 1 FACILITY:      Network Control Program (NCP)
0032 1
0033 1 ABSTRACT:
0034 1
0035 1       States and data for the parsing of NCP X.25 protocol
0036 1       module parameters.
0037 1
0038 1 ENVIRONMENT:   VAX/VMS Operating System
0039 1
0040 1 AUTHOR:        Tim Halvorsen, July 1981
0041 1
0042 1 MODIFIED BY:
0043 1
0044 1       V03-006 RPG0006      Bob Grosso      04-Nov-1982
0045 1       Change 'MAXIMUM CIRCUIT seconds' prompt to
0046 1       'MAXIMUM CIRUIT count'.
0047 1
0048 1       V03-004 RPG0004      Bob Grosso      15-Sep-1982
0049 1       Flag when qualifier has been parsed so that ALL check
0050 1       in NCPVRBACT will work properly.
0051 1
0052 1       V03-004 TMH0004      Tim Halvorsen   19-Aug-1982
0053 1       Make CLEAR X-P GROUP FRED DTE 123 work.
0054 1
0055 1       V03-003 RPG0003      Bob Grosso      02-Aug-1982
0056 1       Add X-P MAX CIRCUITS.
0057 1       Add X-P MULTI-NETWORK SUPPORT.
```


:	58	0058	1	:		Add new ALL prompts for CLEAR DTE and CLEAR GROUP.
:	59	0059	1	:		
:	60	0060	1	:	V03-002	RPG0002 Bob Grosso 28-Jun-1982
:	61	0061	1	:		Change prompting of CLEAR X-P GROUP ABC to only
:	62	0062	1	:		prompt for ALL, and CLEAR X-P DTE 1234 to prompt
:	63	0063	1	:		for ALL instead of LINE.
:	64	0064	1	:		Change parameter type of CHN from SAD to RNGL.
:	65	0065	1	:		
:	66	0066	1	:	V001	TMH0001 Tim Halvorsen 05-Apr-1982
:	67	0067	1	:		Fix prompting.
:	68	0068	1	:		--


```
: 70      0069 1 %SBTTL 'Definitions'
: 71      0070 1
: 72      0071 1
: 73      0072 1 INCLUDE FILES:
: 74      0073 1
: 75      0074 1
: 76      0075 1     LIBRARY 'LIB$:NMALIBRY';
: 77      0076 1     LIBRARY 'LIB$:NCPLIBRY';
: 78      0077 1     LIBRARY 'SYSS$LIBRARY:TPAMAC';
: 79      0078 1
: 80      0079 1
: 81      0080 1 EXTERNAL REFERENCES:
: 82      0081 1
: 83      0082 1     ACT_DFN           ! Action routine externals
: 84      0083 1 EXTERNAL
: 85      0084 1     NCP$GL_QUALPRS;
: 86      0085 1
: 87      0086 1
: 88      0087 1 OWN STORAGE:
: 89      0088 1
: 90      0089 1
: 91      0090 1 OWN
: 92      0091 1     GROUP_SPECIFIED;   ! Flag to indicate if GROUP specified or not
: 93      0092 1
: 94      0093 1
: 95      0094 1 LITERALS
: 96      0095 1
: 97      0096 1
: 98      0097 1 LITERAL
: 99      0098 1     QUALPRESENT = 1;   ! Qualifier was present on command line
```

```
101 0099 1 %SBTTL 'Set Parameter blocks'
102 0100 1
103 0101 1
104 0102 1 SET X25-PROTOCOL Parameter Blocks
105 0103 1
106 0104 1
107 P 0105 1 BUILD_PCL
108 P 0106 1
109 P 0107 1 (MPR, ! Module X25-PROTOCOL
110 P 0108 1
111 P 0109 1 DTE, TKN, PCXP_DTE,
112 P 0110 1 GRP, TKN, PCXP_GRP,
113 P 0111 1
114 P 0112 1 STA, NUMB, PCXP_STA,
115 P 0113 1 CTM, NUMW, PCXP_CTM,
116 P 0114 1 NET, TKN, PCXP_NET,
117 P 0115 1 LIN, TKN, PCXP_LIN,
118 P 0116 1 CHN, RNGL, PCXP_CHN,
119 P 0117 1 MCH, NUMW, PCXP_MCH,
120 P 0118 1 DBL, NUMW, PCXP_DBL,
121 P 0119 1 DWI, NUMB, PCXP_DWI,
122 P 0120 1 MBL, NUMW, PCXP_MBL,
123 P 0121 1 MWI, NUMB, PCXP_MWI,
124 P 0122 1 MCL, NUMB, PCXP_MCL,
125 P 0123 1 MRS, NUMB, PCXP_MRS,
126 P 0124 1 MST, NUMB, PCXP_MST,
127 P 0125 1 CAT, NUMB, PCXP_CAT,
128 P 0126 1 CLT, NUMB, PCXP_CLT,
129 P 0127 1 RST, NUMB, PCXP_RST,
130 P 0128 1 STT, NUMB, PCXP_STT,
131 P 0129 1 GDT, TKN, PCXP_GDT,
132 P 0130 1 GNM, NUMW, PCXP_GNM,
133 P 0131 1 GTY, NUMB, PCXP_GTY,
134 P 0132 1
135 P 0133 1 MNS, NUMB, PCXP_MNS,
136 P 0134 1 MCI, NUMW, PCXP_MCI,
137 P 0135 1
138 P 0136 1 , END, , ,
139 P 0137 1 )
140 0138 1
141 0139 1
142 P 0140 1 BUILD_PBK
143 P 0141 1
144 P 0142 1 (MPR, ! Module X25-PROTOCOL
145 P 0143 1
146 P 0144 1 STAON, LITB, NMASC_XPRST_ON, MPR_STA,
147 P 0145 1 STAOFF, LITB, NMASC_XPRST_OFF, MPR_STA,
148 P 0146 1 STASHU, LITB, NMASC_XPRST_SHU, MPR_STA,
149 P 0147 1 CTM, NUMW, ,
150 P 0148 1 DTE, TKN, ,
151 P 0149 1 KDT, LITB, NMASC_ENT_KNO, MPR_DTE, ! KNOWN DTES
152 P 0150 1 GRP, TKN, ,
153 P 0151 1 KGR, LITB, NMASC_ENT_KNO, MPR_GRP, ! KNOWN GROUPS
154 P 0152 1 NET, TKN, ,
155 P 0153 1 LIN, TKN, ,
156 P 0154 1 CHN, RNGL, ,
157 P 0155 1 MCH, NUMW, ,
```



```
: 158 P 0156 1 DBL, NUMW, , ,
: 159 P 0157 1 DWI, NUMB, , ,
: 160 P 0158 1 MBL, NUMW, , ,
: 161 P 0159 1 MWI, NUMB, , ,
: 162 P 0160 1 MCL, NUMB, , ,
: 163 P 0161 1 MRS, NUMB, , ,
: 164 P 0162 1 MST, NUMB, , ,
: 165 P 0163 1 CAT, NUMB, , ,
: 166 P 0164 1 CLT, NUMB, , ,
: 167 P 0165 1 RST, NUMB, , ,
: 168 P 0166 1 STT, NUMB, , ,
: 169 P 0167 1 GDT, TKN, , ,
: 170 P 0168 1 GNM, NUMW, , ,
: 171 P 0169 1 GTYBIL, LITB, NMASC_XPRTY_BIL, MPR_GTY,
: 172 P 0170 1
: 173 P 0171 1 MNSENA, LITB, NMASC_XPRMN_ENA, MPR_MNS,
: 174 P 0172 1 MNSDIS, LITB, NMASC_XPRMN_DIS, MPR_MNS,
: 175 P 0173 1 MCI, NUMW, , ,
: 176 P 0174 1
: 177 0175 1 )
: 178 0176 1
: 179 0177 1 BIND PDBSG_MPR_ENT = ! Protocol entity name
: 180 0178 1 UPLIT_BYTE(0, %ASCIC 'X25-PROTOCOL');
: 181 0179 1
: 182 P 0180 1 BUILD_SDB
: 183 P 0181 1
: 184 0182 1 (MPR, NMASC_ENT_MOD, MPR_ENT, MPR)
```



```
186 0183 1 XSBTTL 'Clear Parameter blocks'
187 0184 1
188 0185 1
189 0186 1
190 0187 1
191 0188 1
192 P 0189 1 BUILD_PCL
193 P 0190 1
194 P 0191 1 (CPR, ! Module X25-PROTOCOL
195 P 0192 1
196 P 0193 1 DTE, TKN, PCXP_DTE, ;
197 P 0194 1 GRP, TKN, PCXP_GRP, ;
198 P 0195 1
199 P 0196 1 STA, LITB, PCXP_STA, ;
200 P 0197 1 CTM, LITB, PCXP_CTM, ;
201 P 0198 1 NET, LITB, PCXP_NET, ;
202 P 0199 1 LIN, LITB, PCXP_LIN, ;
203 P 0200 1 CHN, LITB, PCXP_CHN, ;
204 P 0201 1 MCH, LITB, PCXP_MCH, ;
205 P 0202 1 DBL, LITB, PCXP_DBL, ;
206 P 0203 1 DWI, LITB, PCXP_DWI, ;
207 P 0204 1 MBL, LITB, PCXP_MBL, ;
208 P 0205 1 MWI, LITB, PCXP_MWI, ;
209 P 0206 1 MCL, LITB, PCXP_MCL, ;
210 P 0207 1 MRS, LITB, PCXP_MRS, ;
211 P 0208 1 MST, LITB, PCXP_MST, ;
212 P 0209 1 CAT, LITB, PCXP_CAT, ;
213 P 0210 1 CLT, LITB, PCXP_CLT, ;
214 P 0211 1 RST, LITB, PCXP_RST, ;
215 P 0212 1 STT, LITB, PCXP_STT, ;
216 P 0213 1 GDT, TKN, PCXP_GDT, ;
217 P 0214 1 GNM, LITB, PCXP_GNM, ;
218 P 0215 1 GTY, LITB, PCXP_GTY, ;
219 P 0216 1
220 P 0217 1 MNS, LITB, PCXP_MNS, ;
221 P 0218 1 MCI, LITB, PCXP_MCI, ;
222 P 0219 1
223 P 0220 1 , END, , ,
224 P 0221 1 )
225 0222 1
226 0223 1
227 P 0224 1 BUILD_PBK
228 P 0225 1
229 P 0226 1 (CPR, ! Module X25-PROTOCOL
230 P 0227 1
231 P 0228 1 ALL, LITB, 0, VRB_ALL,
232 P 0229 1
233 P 0230 1 STA, LITB, 0, ;
234 P 0231 1 CTM, LITB, 0, ;
235 P 0232 1 DTE, TKN, ; DTE is a qualifier
236 P 0233 1 KDT, LITB, NMASC_ENT_KNO, CPR_DTE, ; KNOWN DTES
237 P 0234 1 GRP, TKN, ; Group is a qualifier
238 P 0235 1 KGR, LITB, NMASC_ENT_KNO, CPR_GRP, ; KNOWN GROUPS
239 P 0236 1 NET, LITB, 0, ;
240 P 0237 1 LIN, LITB, 0, ;
241 P 0238 1 CHN, LITB, 0, ;
242 P 0239 1 MCH, LITB, 0, ;
```

```

: 243 P 0240 1 DBL, LITB, 0, ;
: 244 P 0241 1 DWI, LITB, 0, ;
: 245 P 0242 1 MBL, LITB, 0, ;
: 246 P 0243 1 MWI, LITB, 0, ;
: 247 P 0244 1 MCL, LITB, 0, ;
: 248 P 0245 1 MRS, LITB, 0, ;
: 249 P 0246 1 MST, LITB, 0, ;
: 250 P 0247 1 CAT, LITB, 0, ;
: 251 P 0248 1 CLT, LITB, 0, ;
: 252 P 0249 1 RST, LITB, 0, ;
: 253 P 0250 1 STT, LITB, 0, ;
: 254 P 0251 1 GDT, TKN, ;
: 255 P 0252 1 GNM, LITB, 0, ;
: 256 P 0253 1 GTY, LITB, 0, ;
: 257 P 0254 1
: 258 P 0255 1 MNS, LITB, 0, ;
: 259 P 0256 1 MCI, LITB, 0, ;
: 260 P 0257 1
: 261 P 0258 1 )
: 262 P 0259 1
: 263 P 0260 1 BUILD_SDB
: 264 P 0261 1
: 265 0262 1 (CPR, NMASC_ENT_MOD, MPR_ENT, CPR)
```

! GROUP DTE is a qualifier


```
267 0263 1 %SBTTL 'Prompt strings'
268 0264 1
269 0265 1
270 0266 1 Build prompt strings
271 0267 1
272 0268 1
273 0269 1 BIND
274 0270 1
275 P 0271 1 PROMPT_STRINGS
276 P 0272 1 (MPR,
277 P 0273 1
278 P 0274 1 DAT, ' (DTE number, GROUP name, or KNOWN): ',
279 P 0275 1 KWN, ' (DTES, GROUPS): ',
280 P 0276 1
281 P 0277 1 CAT, 'Call timer (1-255 seconds): ',
282 P 0278 1 CLT, 'Clear timer (1-255 seconds): ',
283 P 0279 1 DBL, 'Default data (1-65535 bytes): ',
284 P 0280 1 DWI, 'Default window (1-255 blocks): ',
285 P 0281 1 MBL, 'Maximum data (1-65535 bytes): ',
286 P 0282 1 MCL, 'Maximum clears (1-255): ',
287 P 0283 1 MRS, 'Maximum resets (1-255): ',
288 P 0284 1 MST, 'Maximum restarts (1-255): ',
289 P 0285 1 MWI, 'Maximum window (1-255 blocks): ',
290 P 0286 1 NET, 'Network name (1-16 characters): ',
291 P 0287 1 RST, 'Reset timer (1-255 seconds): ',
292 P 0288 1 STT, 'Restart timer (1-255 seconds): ',
293 P 0289 1
294 P 0290 1 DTE, 'DTE number (1-16 digits): ',
295 P 0291 1 CHN, 'Channel list (delimited by commas): ',
296 P 0292 1 CTM, 'Counter timer (1-65535 seconds): ',
297 P 0293 1 LIN, 'Line name (dev-c-u.t): ',
298 P 0294 1 STA, 'State (ON, OFF, SHUT): ',
299 P 0295 1
300 P 0296 1 GRP, 'Group name (1-16 characters): ',
301 P 0297 1 GDT, 'Group DTE number (1-16 digits): ',
302 P 0298 1 GNM, 'Group number (0-9999): ',
303 P 0299 1 GTY, 'Group type (BILATERAL): ',
304 P 0300 1
305 P 0301 1 MNS, 'Multi-network support (ENABLE, DISABLE): ',
306 P 0302 1 MCI, 'Maximum circuits (1-65535 count): ',
307 0303 1 ),
308 0304 1
309 P 0305 1 PROMPT_STRINGS
310 P 0306 1 (CPR,
311 P 0307 1
312 P 0308 1 DAT, ' (DTE number, GROUP name, or KNOWN): ',
313 P 0309 1 KWN, ' (DTES, GROUPS): ',
314 P 0310 1
315 P 0311 1 ALL, 'All X.25 protocol parameters (Y, N): ',
316 P 0312 1 ALL2, 'All X.25 protocol group parameters (Y, N): ',
317 P 0313 1 ALL3, 'All X.25 protocol DTE parameters (Y, N): ',
318 P 0314 1 CAT, 'Call timer (Y, N): ',
319 P 0315 1 CLT, 'Clear timer (Y, N): ',
320 P 0316 1 MCL, 'Maximum clears (Y, N): ',
321 P 0317 1 MRS, 'Maximum resets (Y, N): ',
322 P 0318 1 MST, 'Maximum restarts (Y, N): ',
323 P 0319 1 MWI, 'Maximum window (Y, N): ',
```

:	324	P	0320	1	RST, 'Reset timer	(Y, N): ';
:	325	P	0321	1	STT, 'Restart timer	(Y, N): ';
:	326	P	0322	1		
:	327	P	0323	1	DTE, 'DTE number	(Y, N): ';
:	328	P	0324	1	CTM, 'Counter timer	(Y, N): ';
:	329	P	0325	1	LIN, 'Line name	(Y, N): ';
:	330	P	0326	1		
:	331	P	0327	1	GRP, 'Group name	(Y, N): ';
:	332	P	0328	1	GDT, 'Group DTE number	(Y, N): ';
:	333	P	0329	1	GTY, 'Group type	(Y, N): ';
:	334	P	0330	1		
:	335	P	0331	1	MNS, 'Multi-network support	(Y, N): ';
:	336	P	0332	1	MCI, 'Maximum circuits	(Y, N): ';
:	337	P	0333	1		
:	338		0334	1	);	


```
: 340 0335 1 %SBTTL 'Declare entry points to TPARSE tables'
: 341 0336 1
: 342 0337 1
: 343 0338 1
: 344 0339 1
: 345 0340 1
: 346 0341 1 $INIT_STATE (NCP$G_STTBL_MPR, NCP$G_KYTBL_MPR);
: 347 0342 1
: 348 0343 1 FORWARD
: 349 0344 1     ST_MPRDTE:      VECTOR [0],      ! Set X25-Protocol DTE
: 350 0345 1     ST_MPRGRP:    VECTOR [0],      ! Set X25-Protocol GROUP
: 351 0346 1     ST_CPRDTE:    VECTOR [0],      ! Clear X25-Protocol DTE
: 352 0347 1     ST_CPRGRP:    VECTOR [0],      ! Clear X25-Protocol GROUP
: 353 0348 1     ST_CPR:      VECTOR [0];      ! Clear X25-Protocol
: 354 0349 1
: 355 0350 1 GLOBAL BIND
: 356 0351 1     NCP$G_STTBL_MPRDTE = ST_MPRDTE,
: 357 0352 1     NCP$G_KYTBL_MPRDTE = NCP$G_KYTBL_MPR,
: 358 0353 1     NCP$G_STTBL_MPRGRP = ST_MPRGRP,
: 359 0354 1     NCP$G_KYTBL_MPRGRP = NCP$G_KYTBL_MPR,
: 360 0355 1     NCP$G_STTBL_CPR = ST_CPR,
: 361 0356 1     NCP$G_KYTBL_CPR = NCP$G_KYTBL_MPR,
: 362 0357 1     NCP$G_STTBL_CPRDTE = ST_CPRDTE,
: 363 0358 1     NCP$G_KYTBL_CPRDTE = NCP$G_KYTBL_MPR,
: 364 0359 1     NCP$G_STTBL_CPRGRP = ST_CPRGRP,
: 365 0360 1     NCP$G_KYTBL_CPRGRP = NCP$G_KYTBL_MPR;
```

```
367 0361 1 %SBTTL 'SET X25-PROTOCOL Module Parameters'
368 0362 1
369 0363 1
370 0364 1 SET/DEFINE MODULE X25-PROTOCOL parameter states
371 0365 1
372 0366 1
373 P 0367 1 $STATE (ST_MPR,
374 P 0368 1 ((ST_MPR_INIT))
375 0369 1 );
376 0370 1
377 P 0371 1 $STATE (
378 P 0372 1 (TPAS_EOS, ST_MPR_PMT_DAT),
379 P 0373 1 (TPAS_LAMBDA, ST_MPR_DAT)
380 0374 1 );
381 0375 1
382 0376 1
383 0377 1 Dispatch to here from NCPSTAVRB if SET DTE parsed
384 0378 1
385 P 0379 1 $STATE (ST_MPRDTE,
386 P 0380 1 ((ST_MPR_INIT), ST_MPR_DAT_DTE)
387 0381 1 );
388 0382 1
389 0383 1
390 0384 1 Dispatch to here from NCPSTAVRB if SET GROUP parsed
391 0385 1
392 P 0386 1 $STATE (ST_MPRGRP,
393 P 0387 1 ((ST_MPR_INIT), ST_MPR_DAT_GRP)
394 0388 1 );
395 0389 1
396 0390 1
397 P 0391 1 $STATE (ST_MPR_INIT,
398 P 0392 1 (TPAS_LAMBDA, TPAS_EXIT, ACT$CLRLONG, ., ! Mark GROUP not specified yet
399 0393 1 GROUP_SPECIFIED));
400 0394 1
401 0395 1
402 0396 1 Determine which protocol sub-database we are talking about
403 0397 1 (due to grouping restrictions, the command must not mix
404 0398 1 sub-database parameters). The sub-database may be either
405 0399 1 protocol, closed user group, or DTE parameters.
406 0400 1
407 0401 1
408 P 0402 1 $STATE (ST_MPR_PMT_DAT,
409 0403 1 (TPAS_LAMBDA, ACT$PRMPT, PMT$G_MPR_DAT));
410 0404 1
411 P 0405 1 $STATE (ST_MPR_DAT, ! Determine whether GROUP or DTE parameters
412 P 0406 1 ('GROUP', ST_MPR_DAT_GRP),
413 P 0407 1 ('DTE', ST_MPR_DAT_DTE),
414 P 0408 1 ('KNOWN', ST_MPR_DAT_KWN),
415 0409 1 (TPAS_LAMBDA));
416 0410 1
417 0411 1
418 0412 1 Prompt for protocol parameters
419 0413 1
420 0414 1
421 P 0415 1 $STATE (
422 P 0416 1 (TPAS_EOS),
423 0417 1 (TPAS_LAMBDA, ST_MPR_PRC));
```



```

424      0418 1
425      P 0419 1      PROMPT_STATES
426      P 0420 1      (MPR,
427      P 0421 1      CAT, CLT, DBL, DWI, MBL, MCL, MRS, MST, MWI, NET, RST, MNS,
428      0422 1      STT)
429      0423 1
430      P 0424 1 $STATE (
431      0425 1      (TPAS_LAMBDA, ST_MPR_DOIT));
432      0426 1
433      0427 1      !
434      0428 1      !
435      0429 1      !
436      0430 1      Prompt for closed user group parameters
437      P 0431 1 $STATE (ST_MPR_DAT_GRP,
438      0432 1      ((SE_GRP_NAME),, ACT$SAVPRM, QUALPRESENT, NCP$GL_QUALPRS, PBK$G_MPR_GRP));
439      0433 1
440      P 0434 1 $STATE (ST_MPR_PMT_GRP,
441      0435 1      (TPAS_LAMBDA,,, TRUE, GROUP_SPECIFIED)); ! Mark GROUP specified
442      0436 1
443      P 0437 1 $STATE (
444      P 0438 1      (TPAS_EOS),
445      0439 1      (TPAS_LAMBDA,ST_MPR_PRC));
446      0440 1
447      P 0441 1      PROMPT_STATES
448      P 0442 1      (MPR,
449      0443 1      GDT, GNM, GTY)
450      0444 1
451      P 0445 1 $STATE (
452      0446 1      (TPAS_LAMBDA, ST_MPR_DOIT));
453      0447 1
454      0448 1      !
455      0449 1      !
456      0450 1      !
457      0451 1
458      P 0452 1 $STATE (ST_MPR_DAT_DTE,
459      0453 1      ((SE_DTE_NUMBER),, ACT$SAVPRM, QUALPRESENT, NCP$GL_QUALPRS, PBK$G_MPR_DTE));
460      0454 1
461      P 0455 1 $STATE (ST_MPR_PMT_DTE,
462      P 0456 1      (TPAS_EOS),
463      0457 1      (TPAS_LAMBDA,ST_MPR_PRC));
464      0458 1
465      P 0459 1      PROMPT_STATES
466      P 0460 1      (MPR,
467      0461 1      CHN, CTM, LIN, STA, MCI)
468      0462 1
469      P 0463 1 $STATE (ST_MPR_DOIT,
470      P 0464 1      (TPAS_EOS, TPAS_EXIT, ACT$VRB_UTILITY, , , SDB$G_MPR),
471      0465 1      );
472      0466 1
473      0467 1      !
474      0468 1      !
475      0469 1      !
476      0470 1
477      P 0471 1 $STATE (ST_MPR_DAT_KWN,
478      0472 1      (TPAS_LAMBDA));
479      0473 1
480      P 0474 1      COMMAND_PROMPT
```

NCPSTAMPR
V04-000

X.25 Protocol Module Parsing
SET X25-PROTOCOL Module Parameters

L 11
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[NCP.SRC]NCPSTAMPR.B32;1

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```
: 481      P 0475 1      (MPR, KWN, NCP$ INVKEY,  
: 482      P 0476 1  
: 483      P 0477 1      ('DTES', ST_MPR_PMT_DTE, ACT$SAVPRM, , PBK$G_MPR_KDT)  
: 484      P 0478 1      ('GROUP$', ST_MPR_PMT_GRP, ACT$SAVPRM, , , PBK$G_MPR_KGR)  
: 485      0479 1      )
```



```

: 487      0480 1
: 488      0481 1
: 489      0482 1
: 490      0483 1
: 491      0484 1
: 492      P 0485 1 $STATE (ST_MPR_PRC,
: 493      P 0486 1
: 494      P 0487 1 ((SE_ALL), ST_MPR_DOIT),
: 495      P 0488 1
: 496      P 0489 1 DISPATCH_STATES
: 497      P 0490 1 (MPR,
: 498      P 0491 1
: 499      P 0492 1 CAT, 'CALL',
: 500      P 0493 1 CLT, 'CLEAR',
: 501      P 0494 1 CHN, 'CHANNELS',
: 502      P 0495 1 CTM, 'COUNTER',
: 503      P 0496 1 DEF, 'DEFAULT',
: 504      P 0497 1 DTEX, 'DTE',
: 505      P 0498 1 GRP, 'GROUP',
: 506      P 0499 1 KWN, 'KNOWN',
: 507      P 0500 1 LIN, 'LINE',
: 508      P 0501 1 MAX, 'MAXIMUM',
: 509      P 0502 1 MUL, 'MULTI',
: 510      P 0503 1 NET, 'NETWORK',
: 511      P 0504 1 GNM, 'NUMBER',
: 512      P 0505 1 RST, 'RESET',
: 513      P 0506 1 STT, 'RESTART',
: 514      P 0507 1 STA, 'STATE',
: 515      P 0508 1 GTY, 'TYPE',
: 516      P 0509 1
: 517      P 0510 1 )
: 518      P 0511 1 (TPAS_EOS, ST_MPR_DOIT)
: 519      0512 1 );
```

```
521 0513 1
522 0514 1
523 0515 1
524 0516 1
525 0517 1
526 P 0518 1 $STATE (ST_MPR_PRC_KWN,
527 0519 1 ((SE_MPR_KWN), ST_MPR_PRC));
528 0520 1
529 P 0521 1 $STATE (SE_MPR_KWN,
530 P 0522 1
531 P 0523 1 KEYWORD_STATE
532 P 0524 1 (MPR,
533 P 0525 1
534 P 0526 1 KDT, 'DTES',
535 P 0527 1 KGR, 'GROUPS',
536 P 0528 1
537 0529 1 ));
538 0530 1
539 0531 1
540 0532 1
541 0533 1
542 0534 1
543 P 0535 1 $STATE (ST_MPR_PRC_MAX,
544 P 0536 1
545 P 0537 1 DISPATCH_STATES
546 P 0538 1 (MPR,
547 P 0539 1
548 P 0540 1 MBL, 'DATA',
549 P 0541 1 MCI, 'CIRCUITS',
550 P 0542 1 MCL, 'CLEARS',
551 P 0543 1 MRS, 'RESETS',
552 P 0544 1 MST, 'RESTARTS',
553 P 0545 1 MWI, 'WINDOW',
554 P 0546 1
555 P 0547 1 )
556 0548 1 );
557 0549 1
558 0550 1
559 0551 1
560 0552 1
561 0553 1
562 P 0554 1 $STATE (ST_MPR_PRC_DEF,
563 P 0555 1
564 P 0556 1 DISPATCH_STATES
565 P 0557 1 (MPR,
566 P 0558 1
567 P 0559 1 DBL, 'DATA',
568 P 0560 1 DWI, 'WINDOW',
569 P 0561 1
570 P 0562 1 )
571 0563 1 );
572 0564 1
573 0565 1
574 0566 1
575 0567 1
576 0568 1
577 P 0569 1 $STATE (ST_MPR_PRC_MUL,
```



```
: 578      P 0570 1      ('-'),
: 579      P 0571 1      (TPAS_LAMBDA, ST_MPR_PRC_MNS),
: 580      P 0572 1      );
: 581      P 0573 1 $STATE (
: 582      P 0574 1      ('NETWORK', ST_MPR_PRC_MNS),
: 583      P 0575 1      (TPAS_LAMBDA, ST_MPR_PRC_MNS),
: 584      P 0576 1      );
: 585      P 0577 1
: 586      P 0578 1
: 587      P 0579 1
: 588      P 0580 1      Dispatch on DTE keyword. Decide if this is a DTE database qualifier
: 589      P 0581 1      or a DTE parameter qualifier by GROUP (GDT). In both cases, the
: 590      P 0582 1      keyword is the same, so we must decide the NICE code by context.
: 591      P 0583 1
: 592      P 0584 1 $STATE (ST_MPR_PRC_DTEX,
: 593      P 0585 1      (TPAS_LAMBDA, ST_MPR_PRC_GDT, ACT$TESTLONG,,, GROUP_SPECIFIED),
: 594      P 0586 1      (TPAS_LAMBDA, ST_MPR_PRC_DTE));
```

```

: 596      0587 1
: 597      0588 1
: 598      0589 1
: 599      0590 1
600      0591 1
601      P 0592 1
602      P 0593 1
603      P 0594 1
604      P 0595 1
605      P 0596 1
606      P 0597 1
607      P 0598 1
608      P 0599 1
609      P 0600 1
610      P 0601 1
611      P 0602 1
612      P 0603 1
613      P 0604 1
614      P 0605 1
615      P 0606 1
616      P 0607 1
617      P 0608 1
618      P 0609 1
619      P 0610 1
620      P 0611 1
621      P 0612 1
622      P 0613 1
623      P 0614 1
624      P 0615 1
625      P 0616 1
626      P 0617 1
627      P 0618 1
628      P 0619 1
629      0620 1

Process states - call subexpressions to store value

PROCESS_STATES
(MPR,

STA,
CTM, 'TIMER',
DTE,
GRP,
NET,
LIN,
CHN,
DBL,
DWI,
MBL,
MWI,
MCL,
MRS,
MST,
CAT, 'TIMER',
CLT, 'TIMER',
RST, 'TIMER',
STT, 'TIMER',
GDT,
GNM,
GTY,

MNS, 'SUPPORT',
MCI,

)

! From DEF
! From DEF
! From MAX
! From MAX
! From MAX
! From MAX
! From MAX
! From MAX
! From MAX
! From MAX
```


:	631	0621	1	
:	632	0622	1	
:	633	0623	1	
:	634	0624	1	
:	635	0625	1	
:	636	P 0626	1	
:	637	P 0627	1	
:	638	P 0628	1	
:	639	P 0629	1	
:	640	P 0630	1	
:	641	P 0631	1	
:	642	P 0632	1	
:	643	P 0633	1	
:	644	P 0634	1	
:	645	P 0635	1	
:	646	P 0636	1	
:	647	P 0637	1	
:	648	P 0638	1	
:	649	P 0639	1	
:	650	P 0640	1	
:	651	P 0641	1	
:	652	P 0642	1	
:	653	P 0643	1	
:	654	P 0644	1	
:	655	P 0645	1	
:	656	P 0646	1	
:	657	P 0647	1	
:	658	P 0648	1	
:	659	0649	1	

Sub_expressions

SUB_EXPRESSIONS

(MPR,

CTM, TPAS_DECIMAL,

DTE, (SE_DTE_NUMBER),

GRP, (SE_GRP_NAME),

NET, (SE_NET_NAME),

LIN, (SE_LINE_ID),

CHN, (SE_RNG_LIST),

DBL, TPAS_DECIMAL,

DWI, TPAS_DECIMAL,

MBL, TPAS_DECIMAL,

MWI, TPAS_DECIMAL,

MCL, TPAS_DECIMAL,

MRS, TPAS_DECIMAL,

MST, TPAS_DECIMAL,

CAT, TPAS_DECIMAL,

CLT, TPAS_DECIMAL,

RST, TPAS_DECIMAL,

STT, TPAS_DECIMAL,

GDT, (SE_DTE_NUMBER),

GNM, TPAS_DECIMAL,

MCI, TPAS_DECIMAL,

)

```

: 661      0650 1 |
: 662      0651 1 |
: 663      0652 1 |
: 664      0653 1 |
: 665      P 0654 1 $STATE (ST_MPR_STA,
: 666      P 0655 1
: 667      P 0656 1 KEYWORD_STATE
: 668      P 0657 1 (MPR,
: 669      P 0658 1
: 670      P 0659 1 STAOFF, 'OFF',
: 671      P 0660 1 STAON, 'ON',
: 672      P 0661 1 STASHU, 'SHUT',
: 673      P 0662 1
: 674      0663 1 ));
: 675      0664 1
: 676      0665 1 |
: 677      0666 1 |
: 678      0667 1 |
: 679      0668 1 |
: 680      P 0669 1 $STATE (ST_MPR_GTY,
: 681      P 0670 1
: 682      P 0671 1 KEYWORD_STATE
: 683      P 0672 1 (MPR,
: 684      P 0673 1
: 685      P 0674 1 GTYBIL, 'BILATERAL',
: 686      P 0675 1
: 687      0676 1 ));
: 688      0677 1 |
: 689      0678 1 |
: 690      0679 1 |
: 691      0680 1 |
: 692      0681 1 |
: 693      P 0682 1 $STATE (ST_MPR_MNS,
: 694      P 0683 1
: 695      P 0684 1 KEYWORD_STATE
: 696      P 0685 1 (MPR,
: 697      P 0686 1
: 698      P 0687 1 MNSENA, 'ENABLED',
: 699      P 0688 1 MNSDIS, 'DISABLED',
: 700      P 0689 1
: 701      0690 1 ));
```



```
: 703      0691 1 %SBTTL 'CLEAR X25-PROTOCOL Module Parameters'
: 704      0692 1
: 705      0693 1
: 706      0694 1
: 707      0695 1
: 708      0696 1
: 709      P 0697 1 $STATE (ST_CPR,
: 710      P 0698 1 ((ST_CPR_INIT))
: 711      0699 1 );
: 712      0700 1
: 713      P 0701 1 $STATE (
: 714      P 0702 1 (TPAS_EOS, ST_CPR_PMT_DAT),
: 715      P 0703 1 (TPAS_LAMBDA, ST_CPR_DAT)
: 716      0704 1 );
: 717      0705 1
: 718      0706 1
: 719      0707 1
: 720      0708 1
: 721      P 0709 1 $STATE (ST_CPRDTE,
: 722      P 0710 1 ((ST_CPR_INIT), ST_CPR_DAT_DTE)
: 723      0711 1 );
: 724      0712 1
: 725      0713 1
: 726      0714 1
: 727      0715 1
: 728      P 0716 1 $STATE (ST_CPRGRP,
: 729      P 0717 1 ((ST_CPR_INIT), ST_CPR_DAT_GRP)
: 730      0718 1 );
: 731      0719 1
: 732      0720 1
: 733      P 0721 1 $STATE (ST_CPR_INIT,
: 734      P 0722 1 (TPAS_LAMBDA, TPAS_EXIT, ACT$CLRLONG,,, ! Mark GROUP not specified yet
: 735      0723 1 GROUP_SPECIFIED));
: 736      0724 1
: 737      0725 1
: 738      0726 1
: 739      0727 1
: 740      0728 1
: 741      0729 1
: 742      0730 1
: 743      0731 1
: 744      P 0732 1 $STATE (ST_CPR_PMT_DAT,
: 745      0733 1 (TPAS_LAMBDA,, ACT$PRMPT,,, PMT$G_CPR_DAT));
: 746      0734 1
: 747      P 0735 1 $STATE (ST_CPR_DAT, ! Determine whether GROUP or DTE parameters
: 748      P 0736 1 ('GROUP', ST_CPR_DAT_GRP),
: 749      P 0737 1 ('DTE', ST_CPR_DAT_DTE),
: 750      P 0738 1 ('KNOWN', ST_CPR_DAT_KWN),
: 751      0739 1 (TPAS_LAMBDA));
: 752      0740 1
: 753      0741 1
: 754      0742 1
: 755      0743 1
: 756      0744 1
: 757      P 0745 1 $STATE (
: 758      P 0746 1 (TPAS_EOS),
: 759      0747 1 (TPAS_LAMBDA, ST_CPR_PRC));
```

```
760      0748 1
761      P 0749 1      QUERY_STATES
762      P 0750 1      (CPR,
763      0751 1      ALL, CAT, CLT, MCL, MRS, MST, RST, STT, MNS)
764      0752 1
765      P 0753 1 $STATE (
766      0754 1      (TPAS_LAMBDA, ST_CPR_DOIT));
767      0755 1
768      0756 1      |
769      0757 1      |      Prompt for closed user group parameters
770      0758 1      |
771      0759 1
772      P 0760 1 $STATE (ST_CPR_DAT_GRP,
773      0761 1      ((SE_GRP_NAME),, ACT$SAVPRM,,, PBK$G_CPR_GRP));
774      0762 1
775      P 0763 1 $STATE (ST_CPR_PMT_GRP,
776      0764 1      (TPAS_LAMBDA,,, TRUE, GROUP_SPECIFIED)); ! Mark GROUP specified
777      0765 1
778      P 0766 1 $STATE (
779      P 0767 1      (TPAS_EOS),
780      0768 1      (TPAS_LAMBDA,ST_CPR_PRC));
781      0769 1
782      P 0770 1      QUERY_STATES_S
783      P 0771 1      (CPR,
784      P 0772 1      ALL, ALL2,
785      0773 1      GDT, GDT)
786      0774 1
787      P 0775 1 $STATE (
788      0776 1      (TPAS_LAMBDA, ST_CPR_DOIT));
789      0777 1
790      0778 1      |
791      0779 1      |      Prompt for DTE parameters
792      0780 1      |
793      0781 1
794      P 0782 1 $STATE (ST_CPR_DAT_DTE,
795      0783 1      ((SE_DTE_NUMBER),, ACT$SAVPRM,,, PBK$G_CPR_DTE));
796      0784 1
797      P 0785 1 $STATE (ST_CPR_PMT_DTE,
798      P 0786 1      (TPAS_EOS),
799      0787 1      (TPAS_LAMBDA,ST_CPR_PRC));
800      0788 1
801      P 0789 1      QUERY_STATES_S
802      P 0790 1      (CPR,
803      P 0791 1      ALL, ALL3,
804      0792 1      CTM, CTM)
805      0793 1
806      P 0794 1 $STATE (ST_CPR_DOIT,
807      P 0795 1      (TPAS_EOS, TPAS_EXIT, ACT$VRB_UTILITY, , , SDB$G_CPR),
808      0796 1      );
809      0797 1
810      0798 1      |
811      0799 1      |      Dispatch on KNOWN keyword during prompting
812      0800 1      |
813      0801 1
814      P 0802 1 $STATE (ST_CPR_DAT_KWN,
815      0803 1      (TPAS_LAMBDA));
816      0804 1
```


NCPSTAMPR
V04-000

X.25 Protocol Module Parsing
CLEAR X25-PROTOCOL Module Parameters

H 12
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[NCP.SRC]NCPSTAMPR.B32;1

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```
: 817      P 0805 1      COMMAND PROMPT
: 818      P 0806 1      (CPR, KQN, NCP$ INVKEY,
: 819      P 0807 1
: 820      P 0808 1      ('DTES', ST_CPR_PMT_DTE, ACT$SAVPRM,,, PBK$G_CPR_KDT),
: 821      P 0809 1      ('GROUPS', ST_CPR_PMT_GRP, ACT$SAVPRM,,, PBK$G_CPR_KGR)
: 822      0810 1      )
```

```

: 824      0811 1
: 825      0812 1
: 826      0813 1
: 827      0814 1
: 828      0815 1
: 829      P 0816 1 $STATE (ST_CPR_PRC,
: 830      P 0817 1
: 831      P 0818 1 DISPATCH_STATES
: 832      P 0819 1 (CPR,
: 833      P 0820 1
: 834      P 0821 1 ALL, 'ALL',
: 835      P 0822 1 CAT, 'CALL',
: 836      P 0823 1 CLT, 'CLEAR',
: 837      P 0824 1 CHN, 'CHANNELS',
: 838      P 0825 1 CTM, 'COUNTER',
: 839      P 0826 1 DEF, 'DEFAULT',
: 840      P 0827 1 DTEX, 'DTE',
: 841      P 0828 1 GRP, 'GROUP',
: 842      P 0829 1 KWN, 'KNOWN',
: 843      P 0830 1 LIN, 'LINE',
: 844      P 0831 1 MAX, 'MAXIMUM',
: 845      P 0832 1 MUL, 'MULTI',
: 846      P 0833 1 NET, 'NETWORK',
: 847      P 0834 1 GNM, 'NUMBER',
: 848      P 0835 1 RST, 'RESET',
: 849      P 0836 1 STT, 'RESTART',
: 850      P 0837 1 STA, 'STATE',
: 851      P 0838 1 GTY, 'TYPE',
: 852      P 0839 1 )
: 853      P 0840 1 , (TPAS_EOS, ST_CPR_DOIT)
: 854      0841 1 );
```



```

: 856      0842 1
: 857      0843 1
: 858      0844 1
: 859      0845 1
: 860      0846 1
: 861      P 0847 1 $STATE (ST_CPR_PRC_KWN,
: 862      0848 1 ((SE_CPR_KWN), ST_CPR_PRC));
: 863      0849 1
: 864      P 0850 1 $STATE (SE_CPR_KWN,
: 865      P 0851 1
: 866      P 0852 1 KEYWORD_STATE
: 867      P 0853 1 (CPR,
: 868      P 0854 1
: 869      P 0855 1 KDT, 'DTES',
: 870      P 0856 1 KGR, 'GROUPS',
: 871      P 0857 1
: 872      0858 1 ));
: 873      0859 1
: 874      0860 1
: 875      0861 1
: 876      0862 1
: 877      0863 1
: 878      P 0864 1 $STATE (ST_CPR_PRC_MAX,
: 879      P 0865 1
: 880      P 0866 1 DISPATCH_STATES
: 881      P 0867 1 (CPR,
: 882      P 0868 1
: 883      P 0869 1 MBL, 'DATA',
: 884      P 0870 1 MCI, 'CIRCUITS',
: 885      P 0871 1 MCL, 'CLEARS',
: 886      P 0872 1 MRS, 'RESETS',
: 887      P 0873 1 MST, 'RESTARTS',
: 888      P 0874 1 MWI, 'WINDOW',
: 889      P 0875 1
: 890      P 0876 1 )
: 891      0877 1 );
: 892      0878 1
: 893      0879 1
: 894      0880 1
: 895      0881 1
: 896      0882 1
: 897      P 0883 1 $STATE (ST_CPR_PRC_DEF,
: 898      P 0884 1
: 899      P 0885 1 DISPATCH_STATES
: 900      P 0886 1 (CPR,
: 901      P 0887 1
: 902      P 0888 1 DBL, 'DATA',
: 903      P 0889 1 DWI, 'WINDOW',
: 904      P 0890 1
: 905      P 0891 1 )
: 906      0892 1 );
: 907      0893 1
: 908      0894 1
: 909      0895 1
: 910      0896 1
: 911      0897 1
: 912      P 0898 1 $STATE (ST_CPR_PRC_MUL,
```

```
: 913      P 0899 1      ('-'),
: 914      P 0900 1      (TPAS_LAMBDA, ST_CPR_PRC_MNS),
: 915      P 0901 1      );
: 916      P 0902 1  $STATE (
: 917      P 0903 1      ('NETWORK', ST_CPR_PRC_MNS),
: 918      P 0904 1      (TPAS_LAMBDA, ST_CPR_PRC_MNS),
: 919      P 0905 1      );
: 920      P 0906 1
: 921      P 0907 1
: 922      P 0908 1      Dispatch on DTE keyword. Decide if this is a DTE database qualifier
: 923      P 0909 1      or a DTE parameter qualifier by GROUP (GDT). In both cases, the
: 924      P 0910 1      keyword is the same, so we must decide the NICE code by context.
: 925      P 0911 1
: 926      P 0912 1
: 927      P 0913 1  $STATE (ST_CPR_PRC_DTEX,
: 928      P 0914 1      (TPAS_LAMBDA, ST_CPR_PRC_GDT, ACT$TESTLONG,,, GROUP_SPECIFIED),
: 929      P 0915 1      (TPAS_LAMBDA, ST_CPR_PRC_DTE));
```



```

0916 1
0917 1
0918 1
0919 1
0920 1
0921 1
0922 1
0923 1
0924 1
0925 1
0926 1
0927 1
0928 1
0929 1
0930 1
0931 1
0932 1
0933 1
0934 1
0935 1
0936 1
0937 1
0938 1
0939 1
0940 1
0941 1
0942 1
0943 1
0944 1
0945 1
0946 1
0947 1
0948 1
0949 1
0950 1
0951 1
0952 1
0953 1
0954 1
0955 1
0956 1
0957 1
0958 1
0959 1
0960 1
0961 1
0962 1
0963 1
0964 1

```

```
! From DEF  
! From DEF  
! From MAX  
! From MAX  
! From MAX  
! From MAX  
! From MAX  
! From MAX
```

```
: 966      0950 1
: 967      0951 1
: 968      0952 1
: 969      0953 1
: 970      0954 1
: 971      P 0955 1
: 972      P 0956 1
: 973      P 0957 1
: 974      P 0958 1
: 975      P 0959 1
: 976      P 0960 1
: 977      P 0961 1
: 978      P 0962 1
: 979      P 0963 1
: 980      P 0964 1
: 981      P 0965 1
: 982      P 0966 1
: 983      P 0967 1
: 984      P 0968 1
: 985      P 0969 1
: 986      P 0970 1
: 987      P 0971 1
: 988      P 0972 1
: 989      P 0973 1
: 990      P 0974 1
: 991      P 0975 1
: 992      P 0976 1
: 993      P 0977 1
: 994      P 0978 1
: 995      P 0979 1
: 996      P 0980 1
: 997      P 0981 1
: 998      P 0982 1
: 999      0983 1
```

Sub_expressions

SUB_EXPRESSIONS
(CPR,

ALL, TPAS_EOS,

STA, TPAS_LAMBDA,
CTM, TPAS_LAMBDA,
DTE, (SE_DTE_NUMBER),
GRP, (SE_GRP_NAME),
NET, TPAS_LAMBDA,
LIN, TPAS_LAMBDA,
CHN, TPAS_LAMBDA,
DBL, TPAS_LAMBDA,
DWI, TPAS_LAMBDA,
MBL, TPAS_LAMBDA,
MWI, TPAS_LAMBDA,
MCL, TPAS_LAMBDA,
MRS, TPAS_LAMBDA,
MST, TPAS_LAMBDA,
CAT, TPAS_LAMBDA,
CLT, TPAS_LAMBDA,
RST, TPAS_LAMBDA,
STT, TPAS_LAMBDA,
GDT, (SE_DTE_NUMBER),
GNM, TPAS_LAMBDA,
GTY, TPAS_LAMBDA,
MNS, TPAS_LAMBDA,
MCI, TPAS_LAMBDA,
)

: 1001	0984	1	%SBTTL	'Define Subexpressions'	
: 1002	0985	1			
: 1003	0986	1			
: 1004	0987	1			
: 1005	0988	1			
: 1006	0989	1			
: 1007	0990	1			
: 1008	0991	1	SEM_ALL		! All parameter
: 1009	0992	1	SEM_LINE_ID		! Device name string
: 1010	0993	1	SEM_DTE_NUMBER		! DTE call number string
: 1011	0994	1	SEM_GRP_NAME		! Group name
: 1012	0995	1	SEM_NET_NAME		! Network name
: 1013	0996	1	SEM_RNG_LIST		! Range lists
			SEM_QUERY		! Query state subexpressions

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X.25 Protocol Module Parsing
Define Subexpressions

: 1015
: 1016

0997 1 END
0998 0 ELUDOM

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16-Sep-1984 00:54:06
14-Sep-1984 12:48:29

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