

NNN		NNN	MMM	MMM	LLL
NNN		NNN	MMM	MMM	LLL
NNN		NNN	MMM	MMM	LLL
NNN		NNN	MMMMMM	MMMMMM	LLL
NNN		NNN	MMMMMM	MMMMMM	LLL
NNN		NNN	MMMMMM	MMMMMM	LLL
NNNNNN		NNN	MMM	MMM	LLL
NNNNNN		NNN	MMM	MMM	LLL
NNNNNN		NNN	MMM	MMM	LLL
NNN	NNN	NNN	MMM	MMM	LLL
NNN	NNN	NNN	MMM	MMM	LLL
NNN	NNN	NNN	MMM	MMM	LLL
NNN	NNNNNN	NNN	MMM	MMM	LLL
NNN	NNNNNN	NNN	MMM	MMM	LLL
NNN	NNNNNN	NNN	MMM	MMM	LLL
NNN	NNNNNN	NNN	MMM	MMM	LLL
NNN	NNN	NNN	MMM	MMM	LLL
NNN	NNN	NNN	MMM	MMM	LLL
NNN	NNN	NNN	MMM	MMM	LLL
NNN	NNN	NNN	MMM	MMM	LLLLLLLLLLLLLLLL
NNN	NNN	NNN	MMM	MMM	LLLLLLLLLLLLLLLL
NNN	NNN	NNN	MMM	MMM	LLLLLLLLLLLLLLLL

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```

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
LLLLLLLLLLLL IIIIII          SSSSSSSS
LLLLLLLLLLLL IIIIII          SSSSSSSS

```



```
0001 0 %TITLE 'NML PURGE permanent parameter module'
0002 0 MODULE NML$PURGE (
0003 0     LANGUAGE (BLISS32),
0004 0     ADDRESSING_MODE (NONEXTERNAL=GENERAL),
0005 0     ADDRESSING_MODE (EXTERNAL=GENERAL),
0006 0     IDENT = 'V04-000'
0007 0 ) =
0008 1 BEGIN
0009 1
0010 1 *****
0011 1 *
0012 1 *  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
0013 1 *  DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.
0014 1 *  ALL RIGHTS RESERVED.
0015 1 *
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0028 1 *  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
0029 1 *
0030 1 *****
0031 1
0032 1
0033 1
0034 1 ++
0035 1 FACILITY: DECnet-VAX V2.0 Network Management Listener
0036 1
0037 1 ABSTRACT:
0038 1
0039 1     This module contains routines for processing NCP PURGE commands.
0040 1
0041 1 ENVIRONMENT: VAX/VMS Operating System
0042 1
0043 1 AUTHOR: Distributed Systems Software Engineering
0044 1
0045 1 CREATION DATE: 30-DEC-1979
0046 1
0047 1 MODIFIED BY:
0048 1
0049 1     V03-006 MKP0006      Kathy Perko      2-July-1984
0050 1     If doing a PURGE KNOWN NODES, and there is no executor
0051 1     don't return an error message to NCP.
0052 1
0053 1     V03-005 MKP0005      Kathy Perko      5-Feb-1984
0054 1     Fix key initialization for PURGE KNOWN entities.
0055 1
0056 1     V03-004 MKP0004      Kathy Perko      4-Aug-1983
0057 1     Make changes to change the node permanent database to use
```

NML\$PURGE
V04-000

NML PURGE permanent parameter module

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:	58	0058	1	!	multiple ISAM keys. This is for performance reasons.
:	59	0059	1	!	
:	60	0060	1	!	V03-003 MKP0003 Kathy Perko 14-Sept-1982
:	61	0061	1	!	When the logging sink node id the executor, use a node
:	62	0062	1	!	address of zero. This allows the logging database to be
:	63	0063	1	!	transportable.
:	64	0064	1	!	
:	65	0065	1	!	V03-002 MKP0002 Kathy Perko 29-June-1982
:	66	0066	1	!	Modify PURGE KNOWN processing to be able to purge multiple
:	67	0067	1	!	entries with the same entity ID (for X25-PROTOCOL GROUPS).
:	68	0068	1	!	Change qualifier handling to use entity qualifier Parameter
:	69	0069	1	!	semantic Table (PST) address instead of Network Management
:	70	0070	1	!	parameter code.
:	71	0071	1	!	
:	72	0072	1	!	V03-001 MKP0001 Kathy Perko 16-June-1982
:	73	0073	1	!	Add entity qualifier handling.
:	74	0074	1	!--	
:	75	0075	1	!	


```

77 0076 1 %SBTTL 'Declarations'
78 0077 1
79 0078 1
80 0079 1 : TABLE OF CONTENTS:
81 0080 1
82 0081 1
83 0082 1 FORWARD ROUTINE
84 0083 1     NML$PURGEKNOWN      : NOVALUE,
85 0084 1     NML_PURKNOWN      : NOVALUE,
86 0085 1     NML$PURGE_KNOWN_NODES: NOVALUE,
87 0086 1     NML_PURGE_KNOWN_NODES: NOVALUE,
88 0087 1     NML$PURLOGGING    : NOVALUE,
89 0088 1     NML$PARENTITY     : NOVALUE,
90 0089 1     NML_PARENTITY     : NOVALUE,
91 0090 1     NML_PURLOGGING    : NOVALUE,
92 0091 1     NML_PURLOGALL;
93 0092 1
94 0093 1
95 0094 1 : INCLUDE FILES:
96 0095 1
97 0096 1
98 0097 1 LIBRARY 'LIB$:NMLLIB.L32';
99 0098 1 LIBRARY 'SHRLIB$:NMLIBRY.L32';
100 0099 1 LIBRARY 'SYSS$LIBRARY:STARLET.L32';
101 0100 1
102 0101 1
103 0102 1 : EQUATED SYMBOLS:
104 0103 1
105 0104 1
106 0105 1
107 0106 1 : Data base entity matching function codes.
108 0107 1
109 0108 1 LITERAL
110 0109 1     NML$C_ALWAYS = 0,      ! Always match
111 0110 1     NML$C_MATCH = 1,    ! Match if parameter is present
112 0111 1     NML$C_NOMATCH = 2;  ! Match if parameter is not present
113 0112 1
114 0113 1
115 0114 1 : OWN STORAGE:
116 0115 1
117 0116 1
118 0117 1
119 0118 1 : Event logging parameter buffer.
120 0119 1
121 0120 1 OWN
122 0121 1     NML$T_EVTBUFFER : VECTOR [NML$K_RECBFLEN, BYTE];
123 0122 1 BIND
124 0123 1     NML$Q_EVTBFDSC = UPLIT (NML$K_RECBFLEN, NML$T_EVTBUFFER) : VECTOR [2];
125 0124 1
126 0125 1 : Entity buffer and descriptor.
127 0126 1
128 0127 1 OWN
129 0128 1     NML$T_ENTBUFFER : BBLOCK [NML$K_ENTBUFLEN],
130 0129 1     NML$Q_ENTBFDSC : VECTOR [2];
131 0130 1
132 0131 1
133 0132 1 : EXTERNAL REFERENCES:
```

NML\$PURGE
V04-000

NML PURGE permanent parameter module
Declarations

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```

: 134      0133 1  !
: 135      0134 1
: 136      0135 1 $NML_EXTDEF;
: 137      0136 1
: 138      0137 1 EXTERNAL LITERAL
: 139      0138 1     NML$_RECDELET;
: 140      0139 1
: 141      0140 1 EXTERNAL ROUTINE
: 142      0141 1     NML$SEARCHFLD,
: 143      0142 1     NML$ADDEVENTS,
: 144      0143 1     NML$ADDFILTERS,
: 145      0144 1     NML$BLD_REPLY,
: 146      0145 1     NML$DEL_FIELDS,
: 147      0146 1     NML$DELETRECORD,
: 148      0147 1     NML$GETNXTSNK,
: 149      0148 1     NML$GETREOWNER,
: 150      0149 1     NML$MATCHRECORD,
: 151      0150 1     NML$READ_KNOWN_NODE_REC,
: 152      0151 1     NML$READRECORD,
: 153      0152 1     NML$REMSRC,
: 154      0153 1     NML$SAVEEVENTS,
: 155      0154 1     NML$SEND,
: 156      0155 1     NML$WRITE RECORD;
: 157      0156 1

```



```
159 0157 1 %SBTTL 'NML$PURGEKNOWN Purge parameters for known entities'
160 0158 1 GLOBAL ROUTINE NML$PURGEKNOWN (ENTITY, ENTITY_LEN, ENTITY_ADR) : NOVALUE =
161 0159 1
162 0160 1 !++
163 0161 1 FUNCTIONAL DESCRIPTION:
164 0162 1
165 0163 1 This routine removes the a set of parameters from the permanent
166 0164 1 data base entry for each entity of the specified type.
167 0165 1
168 0166 1 FORMAL PARAMETERS:
169 0167 1
170 0168 1 ENTITY Entity type code.
171 0169 1 ENTITY_LEN Entity ID length (used only for X25-PROTOCOL GROUPS).
172 0170 1 ENTITY_ADR Entity ID address (used only for X25-PROTOCOL GROUPS).
173 0171 1
174 0172 1 IMPLICIT INPUTS:
175 0173 1
176 0174 1 NML$GL_PRS_FLGS Message parsing flags.
177 0175 1
178 0176 1 SIDE EFFECTS:
179 0177 1
180 0178 1 Signals errors.
181 0179 1
182 0180 1 --
183 0181 1
184 0182 2 BEGIN
185 0183 2
186 0184 2 LOCAL
187 0185 2 deleteflg, ! Record delete flag
188 0186 2 fid, ! File id code
189 0187 2 matchflg, ! Record matching flag
190 0188 2 prm; ! Parameter code
191 0189 2
192 0190 2 fid = .nml$ab_entitydata [.entity, eit$b_fileid];
193 0191 2 matchflg = nm[$c_always];
194 0192 2
195 0193 2 If it's a PURGE ALL command, set a flag so the entity will be completely
196 0194 2 removed from the permanent database.
197 0195 2
198 0196 2 IF .nml$gl_prs_flg [nml$v_prs_all] THEN
199 0197 2 deleteflg = true
200 0198 2
201 0199 2 ELSE
202 0200 2 deleteflg = false;
203 0201 2
204 0202 2 SELECTONEU .fid OF
205 0203 2 SET
206 0204 2 [nma$c_opn_log]:
207 0205 2 BEGIN
208 0206 2 ! Purge parameters for all logging sink types.
209 0207 2
210 0208 2 nml$purlogging (.entity, nma$c_snk_con, 0); ! Console
211 0209 2 nml$purlogging (.entity, nma$c_snk_fil, 0); ! File
212 0210 2 nml$purlogging (.entity, nma$c_snk_mon, 0); ! Monitor
213 0211 2 END;
214 0212 2
215 0213 2 [nma$c_opn_x25,
```

NML\$PURGE
V04-000

NML PURGE permanent parameter module
NML\$PURGEKNOWN Purge parameters for known enti

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```
: 216      0214      2      nma$c_opn_x29]:
: 217      0215      2      BEGIN
: 218      0216      2      matchflg = nml$c_match;
: 219      0217      2      prm = .nml$ab_entitydata [.entity, eit$w_key];
: 220      0218      2      nml_purknown (.fid, .entity, .entity_len, .entity_adr,
: 221      0219      2      .matchflg, .deleteflg, .prm);
: 222      0220      2      END;
: 223      0221      2
: 224      0222      2      [OTHERWISE]:
: 225      0223      2      BEGIN
: 226      0224      2      nml_purknown (.fid, .entity, 0, 0, .matchflg, .deleteflg, 0);
: 227      0225      2      END;
: 228      0226      2      TES;
: 229      0227      2
: 230      0228      1      END;
```

! End of NML\$PURGEKNOWN

.TITLE NML\$PURGE NML PURGE permanent parameter module
.IDENT \V04-000\

.PSECT \$PLITS\$,NOWRT,NOEXE,2

00000400 00000 P.AAA: .LONG 1024
00000000 00004 .ADDRESS NML\$T_EVTBUFFER

.PSECT \$OWNS\$,NOEXE,2

00000 NML\$T_EVTBUFFER:
 .BKLB 1024
00400 NML\$T_ENTBUFFER:
 .BKLB 64
00440 NML\$Q_ENTBFDSC:
 .BKLB 8

NML\$Q_EVTBFDSC= P.AAA
 .EXTRN NML\$GB_EVTSRCTYP
 .EXTRN NML\$GQ_EVTSRCDSC
 .EXTRN NML\$GW_EVTCLASS
 .EXTRN NML\$GB_EVTMSKTYP
 .EXTRN NML\$GQ_EVTMSKDSC
 .EXTRN NML\$GW_EVTSNKADR
 .EXTRN NML\$GW_ACP_CHAN
 .EXTRN NML\$GL_LOGMASK, NML\$GQ_ENTSTRDSC
 .EXTRN NML\$AB_QIOBUFFER
 .EXTRN NML\$GQ_QIOBFDSC
 .EXTRN NML\$AB_EXEBUFFER
 .EXTRN NML\$GL_EXEDATPTR
 .EXTRN NML\$GQ_EXEDATDSC
 .EXTRN NML\$GQ_EXEBFDSC
 .EXTRN NML\$AB_RCVBUFFER
 .EXTRN NML\$GQ_RCVBFDSC
 .EXTRN NML\$AB_SNDBUFFER
 .EXTRN NML\$GQ_SNDBFDSC
 .EXTRN NML\$GL_RCVDATLEN
 .EXTRN NML\$AB_CPTABLE, NML\$AB_MSGBLOCK
 .EXTRN NML\$AB_ENTITY_ID
 .EXTRN NML\$AB_QUALIFIER_ID

					.EXTRN NML\$AB_ENTITYDATA		
					.EXTRN NML\$AB_NML_NMV, NML\$AB_PRMSEM		
					.EXTRN NML\$AB_RECBUF, NML\$AL_ENTINF TAB		
					.EXTRN NML\$AL_PERMINF TAB		
					.EXTRN NML\$AW_PRM_DES, NML\$GB_CMD_VER		
					.EXTRN NML\$GB_ENTITY_CODE		
					.EXTRN NML\$GB_ENTITY_FORMAT		
					.EXTRN NML\$GL_QUALIFIER_PST		
					.EXTRN NML\$GB_QUALIFIER_FORMAT		
					.EXTRN NML\$GB_FUNCTION		
					.EXTRN NML\$GB_INFO, NML\$GB_OPTIONS		
					.EXTRN NML\$GL_PRCODE, NML\$GL_PRS_FLGS		
					.EXTRN NML\$GL_NML_ENTITY		
					.EXTRN NML\$GQ_NETNAM DSC		
					.EXTRN NML\$GQ_REC BFDSC		
					.EXTRN NML\$GW_PRMDESCNT		
					.EXTRN NML\$ RECDELET, NML\$SEARCHFLD		
					.EXTRN NML\$ADDEVENTS, NML\$ADDFILTERS		
					.EXTRN NML\$BLD_REPLY, NML\$DEL_FIELDS		
					.EXTRN NML\$DELETRECORD		
					.EXTRN NML\$GETNXTSNK, NML\$GETRE COWNER		
					.EXTRN NML\$MATCHRECORD		
					.EXTRN NML\$READ_KNOWN_NODE_REC		
					.EXTRN NML\$READRECORD, NML\$REMSRC		
					.EXTRN NML\$SAVEEVENTS, NML\$SEND		
					.EXTRN NML\$WRITERECORD		
					.PSECT \$CODE\$,NOWRT,2		
					.ENTRY NML\$PURGEKNOWN, Save R2,R3,R4,R5,R6,R7		0158
					MOVAB NML\$PURLOGGING, R7		
52					MOVL ENTITY, R4		0190
					MULL3 #44, R4, R2		
					MOVZBL NML\$AB_ENTITYDATA[R2], FID		
					CLRL MATCHFLG		0191
					BBC #1, NML\$GL_PRS_FLGS, 1\$		0196
05 00000000G					MOVL #1, DELETEFLG		0197
					BRB 2\$		
					CLRL DELETEFLG		0199
					CMPL FID, #2		0203
					BNEQ 3\$		
					MOVQ #1, -(SP)		0208
					PUSHL R4		
					CALLS #3, NML\$PURLOGGING		
					MOVQ #2, -(SP)		0209
					PUSHL R4		
					CALLS #3, NML\$PURLOGGING		
					MOVQ #3, -(SP)		0210
					PUSHL R4		
					CALLS #3, NML\$PURLOGGING		
					RET		0201
					CMPL FID, #5		0213
					BLSSU 4\$		
					CMPL FID, #6		
					BGTRU 4\$		
					MOVL #1, MATCHFLG		0216
					PUSHAB NML\$AB_ENTITYDATA+3[R2]		0217

NMLSPURGE
V04-000

NML PURGE permanent parameter module
NMLSPURGEKNOWN Purge parameters for known enti

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50	9E	3C	0005C	MOVZWL	@(SP)+, PRM	:	
	50	DD	0005F	PUSHL	PRM	:	0219
	53	DD	00061	PUSHL	DELETEFLG	:	
	56	DD	00063	PUSHL	MATCHFLG	:	
7E	08	AC	7D 00065	MOVQ	ENTITY_LEN, -(SP)	:	0218
	08	11	00069	BRB	5\$	:	
	7E	D4	0006B 4\$:	CLRL	-(SP)	:	0224
	53	DD	0006D	PUSHL	DELETEFLG	:	
	56	DD	0006F	PUSHL	MATCHFLG	:	
	7E	7C	00071	CLRQ	-(SP)	:	
	54	DD	00073 5\$:	PUSHL	R4	:	
	55	DD	00075	PUSHL	FID	:	
00000000V	00	07	FB 00077	CALLS	#7, NML_PURKNOWN	:	
		04	0007E	RET		:	0228

; Routine Size: 127 bytes, Routine Base: \$CODE\$ + 0000


```
232 0229 1 %SBTTL 'NML_PURKNOWN Purge parameters for known entities'
233 0230 1 ROUTINE NML_PURKNOWN (FID, ENTITY, ENTITY_LEN, ENTITY_ADR,
234 0231 1 MAT, DEL, PRM) : NOVALUE =
235 0232 1
236 0233 1 !++
237 0234 1 FUNCTIONAL DESCRIPTION:
238 0235 1 This routine is called for PURGE KNOWN operations for all entities
239 0236 1 except nodes. It deletes permanent data base information for each
240 0237 1 permanent database record that it matches.
241 0238 1
242 0239 1 FORMAL PARAMETERS:
243 0240 1
244 0241 1 FID File id code.
245 0242 1 ENTITY Entity type code.
246 0243 1 ENTITY_LEN Entity ID length (used only for X25-PROTOCOL GROUPS).
247 0244 1 ENTITY_ADR Entity ID address (used only for X25-PROTOCOL GROUPS).
248 0245 1 MAT Qualifier flag (match, nomatch, always).
249 0246 1 DEL Delete flag (TRUE=yes, FALSE=no).
250 0247 1 PRM Parameter code (if applicable).
251 0248 1
252 0249 1 SIDE EFFECTS:
253 0250 1
254 0251 1 Signals errors.
255 0252 1
256 0253 1 --
257 0254 1
258 0255 2 BEGIN
259 0256 2
260 0257 2 LOCAL
261 0258 2 fldadr,
262 0259 2 fldsize,
263 0260 2 msgsize, ! Message size
264 0261 2 key, ! Temporary record key buffer
265 0262 2 recdsc : VECTOR [2], ! Record descriptor
266 0263 2 status;
267 0264 2
268 0265 2 Add parameters to every entity in the permanent database file.
269 0266 2
270 0267 2 key = 0;
271 0268 2 WHILE nml$readrecord (.fid, key, 0, nml$gq_recbfdsc, recdsc, 0) DO
272 0269 2 BEGIN
273 0270 2 status = true;
274 0271 2 fldadr = 0;
275 0272 2 fldsize = 0;
276 0273 2
277 0274 2 IF .mat EQL nml$sc_match THEN
278 0275 2 BEGIN
279 0276 2 IF NOT nml$searchfld (recdsc, .prm, fldsize, fldadr) THEN
280 0277 2 status = false
281 0278 2 ELSE
282 0279 2
283 0280 2 If the entity takes a qualifier (e.g. X25-PROTOCOL GROUPS),
284 0281 2 it has more than one entry in the database). Use the
285 0282 2 supplied entity ID to identify all of the entity's entries.
286 0283 2
287 0284 2 BEGIN
288 0285 2 IF .entity_len GTR 0 THEN
```

NML\$PURGE
V04-000

NML PURGE permanent parameter module
NML_PURKNOWN Purge parameters for known entiti

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```

289      BEGIN
290      IF NOT CH$EQL (.entity_len, .entity_adr,
291                  .fldsize, .fldadr) THEN
292          status = false;
293      END;
294      END;
295      END;
296      IF .status THEN
297      BEGIN
298      nml_purentity (.entity, .del, recdsc, key, 0);
299      Build and send the response message.
300      nml$bld_reply (nml$ab_msgblock, msgsize);
301      nml$send (nml$ab_sndbuffer, .msgsize);
302      END;
303      key = .key + 1;
304      END;
305      ! INCREMENT RECORD KEY
306      ! End of NML_PURKNOWN

```

				001C 00000 NML_PURKNOWN:				
					WORD	Save R2,R3,R4		0230
	5E		18	C2 00002	SUBL2	#24, SP		
		08	AE	D4 00005	CLRL	KEY		0267
			7E	D4 00008	CLRL	-(SP)		0268
		14	AE	9F 0000A	PUSHAB	RECDSC		
			00	9F 0000D	PUSHAB	NML\$GQ_RECBFDSC		
			7E	D4 00013	CLRL	-(SP)		
		18	AE	9F 00015	PUSHAB	KEY		
		04	AC	DD 00018	PUSHL	FID		
	00000000G	00	06	FB 0001B	CALLS	#6, NML\$READRECORD		
		71	50	E9 00022	BLBC	R0, 5\$		
		54	01	D0 00025	MOVL	#1, STATUS		0270
			6E	7C 00028	CLRQ	FLDADR		0271
		01	14	AC	D1 0002A	CMPL	MAT, #1	0274
			28	12 0002E	BNEQ	3\$		
			5E	DD 00030	PUSHL	SP		0276
		08	AE	9F 00032	PUSHAB	FLDSIZE		
		1C	AC	DD 00035	PUSHL	PRM		
		1C	AE	9F 00038	PUSHAB	RECDSC		
	00000000G	00	04	FB 0003B	CALLS	#4, NMAS\$SEARCHFLD		
		11	50	E9 00042	BLBC	R0, 2\$		
			0C	AC	D5 00045	TSTL	ENTITY_LEN	0285
			0E	15 00048	BLEQ	3\$		
04	AE	00	10	BC	0C	AC	2D 0004A	0287
				00	BE		00052	
				02	13 00054	BEQL	3\$	
			54	D4 00056	CLRL	STATUS		0289
		35	54	E9 00058	BLBC	STATUS, 4\$		0294
			7E	D4 0005B	CLRL	-(SP)		0296
			0C	AE	9F 0005D	PUSHAB	KEY	

NML\$PURGE
V04-000

NML_PURGE permanent parameter module
NML_PURKNOWN Purge parameters for known entiti

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		18	AE	9F	00060	PUSHAB	RECDSC	:	
		18	AC	DD	00063	PUSHL	DEL	:	
		08	AC	DD	00066	PUSHL	ENTITY	:	
00000000V	00		05	FB	00069	CALLS	#5, NML_PURENTITY	:	
		0C	AE	9F	00070	PUSHAB	MSGSIZE	:	0300
		00000000G	00	9F	00073	PUSHAB	NML\$AB MSGBLOCK	:	
00000000G	00		02	FB	00079	CALLS	#2, NML\$BLD_REPLY	:	
		0C	AE	DD	00080	PUSHL	MSGSIZE	:	0301
		00000000G	00	9F	00083	PUSHAB	NML\$AB SNDBUFFER	:	
00000000G	00		02	FB	00089	CALLS	#2, NML\$SEND	:	
		08	AE	D6	00090	INCL	KEY	:	0304
		FF72	31	00093	BRW	1\$		:	0268
			04	00096	RET			:	0306

; Routine Size: 151 bytes, Routine Base: \$CODE\$ + 007F

```
0307 1 %SBTTL 'NML$PURGE KNOWN_NODES Purge known nodes'
0308 1 GLOBAL ROUTINE NML$PURGE_KNOWN_NODES (ENTITY, INF, DUM1, DUM2) : NOVALUE =
0309 1
0310 1 ++
0311 1 FUNCTIONAL DESCRIPTION:
0312 1 This routine purges all entries for nodes that are in the permanent
0313 1 data base. Remote nodes are then purged. Loop nodes are purged
0314 1 last. The executor node is purged last.
0315 1
0316 1 FORMAL PARAMETERS:
0317 1 ENTITY Entity type code.
0318 1 INF Information type code.
0319 1 DUM1 Not used.
0320 1 DUM2 Not used.
0321 1
0322 1 --
0323 1
0324 2 BEGIN
0325 2 IF NOT .nml$gl_prs_flg [nml$v_prs_loopg] THEN
0326 2
0327 2 Purge remote nodes.
0328 2
0329 2 nml_purge_known_nodes (nml$c_node);
0330 2
0331 2 Return loop nodes.
0332 2
0333 2 IF .nml$gl_prs_flg [nml$v_prs_loopg] OR
0334 2 .nml$gl_prs_flg [nml$v_prs_all] THEN
0335 2 nml_purge_known_nodes (nml$c_loopnode);
0336 2 IF NOT .nml$gl_prs_flg [nml$v_prs_loopg] THEN
0337 2
0338 2 Return executor node.
0339 2
0340 2 nml$purentity (nml$c_executor, 0, 0, 0, 0, 0);
0341 2
0342 1 END;
```

! End of NML\$PURGE_KNOWN_NODES

			000C 00000	.ENTRY	NML\$PURGE_KNOWN_NODES, Save R2,R3	: 0308
		53 00000000V	00 9E 00002	MOVAB	NML PURGE_KNOWN_NODES, R3	
		52 00000000G	00 9E 00009	MOVAB	NML\$GL_PRS_FLGS, R2	
0E	01	A2	03 E0 00010	BBS	#3, NML\$GL_PRS_FLGS+1, 1\$	: 0325
			03 DD 00015	PUSHL	#3	: 0329
		63	01 FB 00017	CALLS	#1, NML PURGE_KNOWN_NODES	
04	01	A2	03 E0 0001A	BBS	#3, NML\$GL_PRS_FLGS+1, 1\$	: 0333
05		62	01 E1 0001F	BBC	#1, NML\$GL_PRS_FLGS, 2\$	: 0334
			05 DD 00023 1\$:	PUSHL	#5	: 0335
		63	01 FB 00025	CALLS	#1, NML PURGE_KNOWN_NODES	
0E	01	A2	03 E0 00028 2\$:	BBS	#3, NML\$GL_PRS_FLGS+1, 3\$	: 0336
			7E 7C 0002D	CLRQ	-(SP)	: 0340
			7E 7C 0002F	CLRQ	-(SP)	
		7E	07 7D 00031	MOVQ	#7, -(SP)	
00000000V		00	06 FB 00034	CALLS	#6, NML\$PURENTITY	
			04 0003B 3\$:	RET		: 0342

NML\$PURGE
V04-000

NML PURGE permanent parameter module
NML\$PURGE_KNOWN_NODES Purge known nodes

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, Routine Size: 60 bytes, Routine Base: \$CODE\$ + 0116


```

348 0343 1 %SBTTL 'NML_PURGE_KNOWN_NODES Purge parameters for known nodes'
349 0344 1 ROUTINE NML_PURGE_KNOWN_NODES (ENTITY) : NOVALUE =
350 0345 1
351 0346 1 ++
352 0347 1 FUNCTIONAL DESCRIPTION:
353 0348 1 This routine deletes parameters from permanent data base information
354 0349 1 for known nodes or loopnodes.
355 0350 1
356 0351 1 FORMAL PARAMETERS:
357 0352 1 ENTITY Entity type code.
358 0353 1
359 0354 1 SIDE EFFECTS:
360 0355 1 Signals errors.
361 0356 1
362 0357 1 --
363 0358 1
364 0359 2 BEGIN
365 0360 2
366 0361 2 LOCAL
367 0362 2 deleteflg,
368 0363 2 recdsc: VECTOR [2],
369 0364 2 rewind_flag,
370 0365 2 msgsize;
371 0366 2
372 0367 2
373 0368 2 If processing a PURGE ALL command, set up to delete the entire record from
374 0369 2 the permanent database. Since the only valid parameter for loopnodes is
375 0370 2 CIRCUIT, purging CIRCUIT is the same as PURGE ALL for loopnodes.
376 0371 2
377 0372 2 IF .nml$gl_prs_flg [nml$pr_all] OR
378 0373 2 .nml$gl_prs_flg [nml$pr_loopg] THEN
379 0374 2 deleteflg = true
380 0375 2 ELSE
381 0376 2 deleteflg = false;
382 0377 2
383 0378 2 Add parameters to every record in the file.
384 0379 2
385 0380 2 rewind_flag = true;
386 0381 2 WHILE nml$read_known_node_rec (.entity,
387 0382 2 nml$gq_recbfdsc,
388 0383 2 recdsc,
389 0384 2 .rewind_flag) DO
390 0385 2 BEGIN
391 0386 2 rewind_flag = false;
392 0387 2 nml_purentity (.entity, .deleteflg, recdsc, UPLIT (0), 0);
393 0388 2
394 0389 2 Build and send the response message.
395 0390 2
396 0391 2 nml$bld_reply (nml$ab_msgblock, msgsize);
397 0392 2 nml$send (nml$ab_sndbuffer, .msgsize);
398 0393 2 END;
399 0394 1 END; ! End of NML_PURGE_KNOWN_NODES
```

.PSECT \$PLITS,NOWRT,NOEXE,2

NML\$PURGE
V04-000

NML PURGE permanent parameter module
NML_PURGE_KNOWN_NODES Purge parameters for kno

D 15

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00000000 00008 P.AAB: .LONG 0

.PSECT \$CODE\$,NOWRT,2

000C 00000 NML_PURGE_KNOWN_NODES:

				00C	C2	00002		WORD	Save R2,R3	:	0344
				01	E0	00005		SUBL2	#12, SP	:	
08	00000000G	00		03	E1	0000D		BBS	#1, NML\$GL_PRS_FLGS, 1\$	:	0372
05	00000000G	00		01	D0	00015	1\$:	BBC	#3, NML\$GL_PRS_FLGS+1, 2\$	:	0373
		53		02	11	00018		MOVL	#1, DELETEFLG	:	0374
				53	D4	0001A	2\$:	BRB	3\$	:	
		52		01	D0	0001C	3\$:	CLRL	DELETEFLG	:	0376
				52	DD	0001F	4\$:	MOVL	#1, REWIND_FLAG	:	0380
			08	AE	9F	00021		PUSHL	REWIND_FLAG	:	0384
			04	00000000G	00	9F	00024	PUSHAB	RECDSC	:	0381
				AC	DD	0002A		PUSHAB	NML\$GQ_RECBFDSC	:	
00000000G	00			04	FB	0002D		PUSHL	ENTITY	:	
	39			50	E9	00034		CALLS	#4, NML\$READ_KNOWN_NODE_REC	:	
				52	D4	00037		BLBC	R0, 5\$	:	
				7E	D4	00039		CLRL	REWIND_FLAG	:	0386
			00000000*	00	9F	0003B		CLRL	-(SP)	:	0387
			0C	AE	9F	00041		PUSHAB	P.AAB	:	
				53	DD	00044		PUSHAB	RECDSC	:	
			04	AC	DD	00046		PUSHL	DELETEFLG	:	
00000000V	00			05	FB	00049		PUSHL	ENTITY	:	
				5E	DD	00050		CALLS	#5, NML_PURENTITY	:	
			00000000G	00	9F	00052		PUSHL	SP	:	0391
00000000G	00			02	FB	00058		PUSHAB	NML\$AB_MSGBLOCK	:	
				6E	DD	0005F		CALLS	#2, NML\$BLD_REPLY	:	
			00000000G	00	9F	00061		PUSHL	MSGSIZE	:	0392
00000000G	00			02	FB	00067		PUSHAB	NML\$AB_SNDBUFFER	:	
				AF	11	0006E		CALLS	#2, NML\$SEND	:	
				04	00070	5\$:		BRB	4\$	:	0381
								RET		:	0394

; Routine Size: 113 bytes, Routine Base: \$CODE\$ + 0152

```

401 0395 1 %SBTTL 'NML$PURLOGGING Purge logging parameters'
402 0396 1 GLOBAL ROUTINE NML$PURLOGGING (ENTITY, SNK, DUM2) : NOVALUE =
403 0397 1
404 0398 1 ++
405 0399 1 FUNCTIONAL DESCRIPTION:
406 0400 1
407 0401 1 Add parameters to the permanent data base entry for the specified
408 0402 1 logging entity.
409 0403 1
410 0404 1 FORMAL PARAMETERS:
411 0405 1
412 0406 1 ENTITY Entity type code.
413 0407 1 SNK Logging sink type.
414 0408 1 DUM2 Not used.
415 0409 1
416 0410 1 IMPLICIT INPUTS:
417 0411 1
418 0412 1 NML$GL_PRS_FLGS Message parsing flags.
419 0413 1 NML$GW_EVT$SNKADR Sink node address.
420 0414 1
421 0415 1 --
422 0416 1
423 0417 2 BEGIN
424 0418 2
425 0419 2 LOCAL
426 0420 2 FID, ! File id code
427 0421 2 MSGFLG, ! Response message flag
428 0422 2 MSGSIZE, ! Message size
429 0423 2 KEY, ! Temporary record key buffer
430 0424 2 OWNER, ! Search key
431 0425 2 RECDSC : VECTOR [2]; ! Record descriptor
432 0426 2
433 0427 2
434 0428 2 If this is the event sink (ESI) parameter group then call the normal
435 0429 2 routine.
436 0430 2
437 0431 2 IF .NML$GL_PRS_FLGS [NML$V_PRS_ESIPG] THEN
438 0432 2 BEGIN
439 0433 2 NML$PURENTITY (NML$C_SINK, 1, SNK, 0, 0, 0);
440 0434 2 RETURN
441 0435 2 END;
442 0436 2
443 0437 2
444 0438 2 The event filter parameter group is handled specially.
445 0439 2
446 0440 2 NML$AB_MSGBLOCK [MSB$L_FLAGS] = 0; ! Initialize message flags
447 0441 2 FID = .NML$AB_ENTITYDATA [.ENTITY, EIT$B_FILEID]; ! Get file id
448 0442 2 OWNER = .NML$AB_ENTITYDATA [.ENTITY, EIT$W_KEY]; ! Get search key
449 0443 2 KEY = 0; ! Initialize record key
450 0444 2
451 0445 2 If this is all (no parameters) then purge all logging to the specified
452 0446 2 sink type (console, monitor, or file).
453 0447 2
454 0448 2 IF .NML$GL_PRS_FLGS [NML$V_PRS_ALL] THEN
455 0449 2 BEGIN
456 0450 2 MSGFLG = NML_PURLOGALL (.SNK);
457 0451 2 END
```



```

458 0452 2 ELSE
459 0453 2
460 0454 2 Purge the event filter (EFI) database.
461 0455 2
462 0456 2 BEGIN
463 0457 2
464 0458 2 If purging logging for the executor node, use a sink node address of
465 0459 2 zero. Using zero for the executor node allows the logging database
466 0460 2 to be transported to another node and have the events logged at the
467 0461 2 new executor.
468 0462 2
469 0463 2 IF .NML$GL_PRS_FLGS [NML$V_PRS_EXESNK] THEN
470 0464 2 NML$GW_EVT$NKADR = 0;
471 0465 2
472 0466 2 If there is a record in the logging database for the sink node specified
473 0467 2 in the NICE message, purge the logging filters.
474 0468 2
475 0469 2 IF .NML$MATCHRECORD (.FID,
476 0470 2 NML$GQ_RECBFDSC,
477 0471 2 KEY,
478 0472 2 .OWNER, 2, NML$GW_EVT$NKADR,
479 0473 2 0, 0, 0, ! No qualifier
480 0474 2 RECD$C) THEN
481 0475 2 BEGIN
482 0476 2 NML PURLOGGING (.SNK, .NML$GW_EVT$NKADR, RECD$C, KEY);
483 0477 2 MSGFLG = TRUE;
484 0478 2 END;
485 0479 2 END;
486 0480 2
487 0481 2 Set up to add entity id (sink type code) to NICE response message.
488 0482 2
489 0483 2 NML$Q_ENTBFDSC [0] = 1;
490 0484 2 NML$Q_ENTBFDSC [1] = NML$T_ENTBUFFER;
491 0485 2 NML$T_ENTBUFFER<0,8> = .SNR;
492 0486 2 NML$AB_MSGBLOCK [MSB$V_ENTD_FLD] = 1; ! Set entity descriptor flag
493 0487 2 NML$AB_MSGBLOCK [MSB$A_ENTITY] = NML$Q_ENTBFDSC; ! Add entity descriptor pointer
494 0488 2
495 0489 2 Build and send the NICE response message.
496 0490 2
497 0491 2 IF .MSGFLG THEN
498 0492 2 BEGIN
499 0493 2 NML$BLD_REPLY (NML$AB_MSGBLOCK, MSGSIZE);
500 0494 2 NML$SEND (NML$AB_SNDBUFFER, .MSGSIZE);
501 0495 2 END;
502 0496 2
503 0497 1 END; ! End of NML$PURLOGGING
```

		01FC 00000	.ENTRY	NML\$PURLOGGING, Save R2,R3,R4,R5,R6,R7,R8	: 0396
58	00000000G	00 9E 00002	MOVAB	NML\$GL_PRS_FLGS, R8	:
57	00000000G	00 9E 00009	MOVAB	NML\$GW_EVT\$NKADR, R7	:
56	00000000G	00 9E 00010	MOVAB	NML\$AB_MSGBLOCK, R6	:
55	00000000G	00 9E 00017	MOVAB	NML\$Q_ENTBFDSC, R5	:
5E		10 C2 0001E	SUBL2	#16, SP	:

NML\$PURGE
V04-000

NML PURGE permanent parameter module
NML\$PURLOGGING Purge logging parameters

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13	01	A8	04	E1	00021	BBC	#4, NML\$GL_PRS_FLGS+1, 1\$	: 0431
			7E	7C	00026	CLRQ	-(SP)	: 0433
			7E	D4	00028	CLRL	-(SP)	:
		08	AC	9F	0002A	PUSHAB	SNK	:
			01	DD	0002D	PUSHL	#1	:
			02	DD	0002F	PUSHL	#2	:
00000000V	00		06	FB	00031	CALLS	#6, NML\$PURITY	:
			04	00038	RET			: 0432
			66	D4	00039	CLRL	NML\$AB MSGBLOCK	: 0440
50	04	AC	2C	C5	0003B	MULL3	#4, ENTITY, R0	: 0441
		53	00000000G	0040	9A	00040	MOVZBL	NML\$AB_ENTITYDATA[R0], FID
			00000000G	0040	9F	00048	PUSHAB	NML\$AB_ENTITYDATA+3[R0]
		52		9E	3C	0004F	MOVZWL	@(SP)+, OWNER
			6E	D4	00052	CLRL	KEY	: 0443
OF		68		01	E1	00054	BBC	: 0448
			08	AC	DD	00058	PUSHL	: 0450
				01	FB	0005B	CALLS	#1, NML PURLOGALL
00000000V	00			50	D0	00062	MOVL	R0, MSGFLG
		54		3D	11	00065	BRB	4\$
		02		01	A8	E9	00067	2\$:
				67	B4	0006B	BLBC	NML\$GL_PRS_FLGS+1, 3\$
			08	AE	9F	0006D	3\$:	
				7E	7C	00070	CLRW	NML\$GW_EVT\$SNKADR
				7E	D4	00072	PUSHAB	RECDSC
				57	DD	00074	CLRQ	-(SP)
				02	DD	00076	CLRL	-(SP)
				52	DD	00078	PUSHL	R7
				AE	9F	0007A	PUSHL	#2
			1C	00	9F	0007D	PUSHL	OWNER
			00000000G	53	DD	00083	PUSHAB	KEY
				0A	FB	00085	PUSHAB	NML\$GQ_RECBFDSC
00000000G	00			50	E9	0008C	PUSHL	FID
	15			5E	DD	0008F	CALLS	#10, NML\$MATCHRECORD
				AE	9F	00091	BLBC	R0, 4\$
		0C		67	3C	00094	PUSHL	SP
				AC	DD	00097	PUSHAB	RECDSC
			08	04	FB	0009A	MOVZWL	NML\$GW_EVT\$SNKADR, -(SP)
00000000V	00			01	D0	000A1	PUSHL	SNK
	54			01	D0	000A4	CALLS	#4, NML PURLOGGING
	55			A5	9E	000A7	MOVL	#1, MSGFLG
		04		AC	90	000AC	MOVL	#1, NML\$Q_ENTBFDSC
		C0		10	88	000B1	MOVAB	NML\$T_ENTBUFFER, NML\$Q_ENTBFDSC+4
				65	9E	000B4	MOVB	SNK, NML\$T_ENTBUFFER
		14		54	E9	000B8	BISB2	#16, NML\$AB MSGBLOCK
				AE	9F	000BB	MOVAB	NML\$Q_ENTBFDSC, NML\$AB_MSGBLOCK+20
			04	56	DD	000BE	BLBC	MSGFLG, 5\$
				02	FB	000C0	PUSHAB	MSGSIZE
00000000G	00			AE	DD	000C7	PUSHL	R6
			04	00	9F	000CA	CALLS	#2, NML\$BLD_REPLY
			00000000G	02	FB	000D0	PUSHL	MSGSIZE
00000000G	00			04	000D7	5\$:	PUSHAB	NML\$AB_SNDBUFFER
							CALLS	#2, NML\$SEND
							RET	: 0497

; Routine Size: 216 bytes, Routine Base: \$CODE\$ + 01C3


```

: 505 0498 1 %SBTTL 'NML$PURITY Delete entity parameters'
: 506 0499 1 GLOBAL ROUTINE NML$PURITY (ENTITY, ENTITY_LEN, ENTITY_ADR,
: 507 0500 1 QUAL_PST, QUAL_LEN, QUAL_ADR) : NOVALUE =
: 508 0501 1
: 509 0502 1 !++
: 510 0503 1 FUNCTIONAL DESCRIPTION:
: 511 0504 1
: 512 0505 1 This routine removes a set of parameters from the permanent data
: 513 0506 1 base entry for the specified entity.
: 514 0507 1
: 515 0508 1 FORMAL PARAMETERS:
: 516 0509 1
: 517 0510 1 ENTITY Entity type code.
: 518 0511 1 ENTITY_LEN Byte count of entity id string.
: 519 0512 1 ENTITY_ADR Address of entity id string.
: 520 0513 1 QUAL_PST Address of Qualifier's Parameter Semantic Table (PST)
: 521 0514 1 address
: 522 0515 1 QUAL_LEN Byte count of qualifier id string
: 523 0516 1 QUAL_ADR Address of qualifier id string
: 524 0517 1
: 525 0518 1 IMPLICIT INPUTS:
: 526 0519 1
: 527 0520 1 NML$GL_PRS_FLGS Message parsing flags.
: 528 0521 1
: 529 0522 1 SIDE EFFECTS:
: 530 0523 1
: 531 0524 1 Signals errors.
: 532 0525 1
: 533 0526 1 !--
: 534 0527 1
: 535 0528 2 BEGIN
: 536 0529 2
: 537 0530 2 MAP
: 538 0531 2 nml$gb_entity_format : BYTE SIGNED;
: 539 0532 2
: 540 0533 2 LOCAL
: 541 0534 2 deleteflg,
: 542 0535 2 fid, ! File id code
: 543 0536 2 msgsize, ! Message size
: 544 0537 2 key, ! Temporary record key buffer
: 545 0538 2 key_value_dsc: VECTOR [2], ! ID of node being purged (not used
: 546 0539 2 ! for other entities.
: 547 0540 2 owner, ! Search key
: 548 0541 2 recdsc : VECTOR [2], ! Record descriptor
: 549 0542 2 temp,
: 550 0543 2 status;
: 551 0544 2
: 552 0545 2 Set the flag to indicate record deletion (or not).
: 553 0546 2
: 554 0547 2 IF .nml$gl_prs_flg [nml$v_prs_all] OR
: 555 0548 2 .nml$gl_prs_flg [nml$v_prs_loopg] THEN
: 556 0549 2 deleteflg = true
: 557 0550 2 ELSE
: 558 0551 2 deleteflg = false;
: 559 0552 2
: 560 0553 2 Add parameters to the entity record in the file.
: 561 0554 2
```

```
562 0555 2 fid = .nml$ab_entitydata [.entity, eit$b_fileid]; ! Get file id
563 0556 2 owner = .nml$ab_entitydata [.entity, eit$b_key]; ! Get search key
564 0557 2 key_value_dsc [0] = .entity_len;
565 0558 2 key_value_dsc [1] = .entity_adr;
566 0559 2
567 0560 2 Find the record in the file.
568 0561 2
569 0562 2 IF .fid NEQ nma$c_opn_node THEN
570 0563 2 BEGIN
571 0564 2 key = 0;
572 0565 2 status = nml$matchrecord (.fid,
573 0566 2 nml$gq_recbfdsc,
574 0567 2 key,
575 0568 2 .owner, .entity_len, .entity_adr,
576 0569 2 .qual_pst, .qual_len, .qual_adr,
577 0570 2 recdsc);
578 0571 2 END
579 0572 2 ELSE
580 0573 2
581 0574 2 Since the node permanent database is much larger than the others, it
582 0575 2 has a different structure using four ISAM keys instead of one.
583 0576 2
584 0577 2 BEGIN
585 0578 2 key = .owner;
586 0579 2 IF .owner EQL nmn$c_typ_key_ref THEN
587 0580 2 BEGIN
588 0581 2 key_value_dsc [0] = nmn$c_typ_key_len;
589 0582 2 key_value_dsc [1] = entity;
590 0583 2 END;
591 0584 2 status = nml$readrecord (.fid, owner, key_value_dsc,
592 0585 2 nml$gq_recbfdsc, recdsc, temp);
593 0586 2 END;
594 0587 2
595 0588 2 IF .status THEN
596 0589 2 nml_purity (.entity, .deleteflg, recdsc, key, key_value_dsc)
597 0590 2 ELSE
598 0591 2 BEGIN
599 0592 2
600 0593 2 No such entity found in data base.
601 0594 2 If processing a PURGE KNOWN NODES ALL, and there is no record for
602 0595 2 the executor, don't return an error message to NCP. Otherwise,
603 0596 2 return an error response.
604 0597 2
605 0598 2 IF .entity EQL nml$c_executor AND
606 0599 2 .status EQL rms$_rnf AND
607 0600 2 .nml$gb_entity_format EQL nma$c_ent_kno THEN
608 0601 2 RETURN;
609 0602 2 nml$ab_msgblock [msb$l_flags] = msb$m_det_flg; ! Message detail only
610 0603 2 nml$ab_msgblock [msb$b_code] = nma$c_sts_cmp; ! Add error code
611 0604 2 nml$ab_msgblock [msb$b_detail] =
612 0605 2 .nml$ab_entitydata [.entity, eit$b_detail];
613 0606 2 END;
614 0607 2
615 0608 2 Build and send the response message.
616 0609 2
617 0610 2 nml$bld_reply (nml$ab_msgblock, msgsize);
618 0611 2 nml$send (nml$ab_sndbuffer, .msgsize);
```


: 619
: 6200612 2
0613 1 END;

! End of NML\$PURITY

				00FC 00000	.ENTRY	NML\$PURITY, Save R2,R3,R4,R5,R6,R7	: 0499
		57	00000000G	00 9E 00002	MOVAB	NML\$GQ_RECBDSC, R7	
		56	00000000G	00 9E 00009	MOVAB	NML\$AB_ENTITYDATA, R6	
		55	00000000G	00 9E 00010	MOVAB	NML\$AB_MSGBLOCK, R5	
		5E		20 C2 00017	SUBL2	#32, SP	
08	00000000G	00		01 E0 0001A	BBS	#1, NML\$GL_PRS_FLGS, 1\$	: 0547
05	00000000G	00		03 E1 00022	BBC	#3, NML\$GL_PRS_FLGS+1, 2\$	: 0548
		54		01 D0 0002A	MOVL	#1, DELETEFLG	: 0549
				02 11 0002D	BRB	3\$	
				54 D4 0002F	CLRL	DELETEFLG	: 0551
52	04	AC		2C C5 00031	MULL3	#44, ENTITY, R2	: 0555
		53		6642 9A 00036	MOVZBL	NML\$AB_ENTITYDATA[R2], FID	
			03 A642	9F 0003A	PUSHAB	NML\$AB_ENTITYDATA+3[R2]	: 0556
	04	AE		9E 3C 0003E	MOVZWL	@(SP)+, OWNER	
	18	AE	08	AC 7D 00042	MOVQ	ENTITY_LEN, KEY_VALUE_DSC	: 0557
				53 D5 00047	TSTL	FID	: 0562
				24 13 00049	BEQL	4\$	
			08	AE D4 0004B	CLRL	KEY	: 0564
			10	AE 9F 0004E	PUSHAB	RECDSC	: 0565
		7E		14 AC 7D 00051	MOVQ	QUAL_LEN, -(SP)	: 0569
		7E		0C AC 7D 00055	MOVQ	ENTITY_ADR, -(SP)	: 0568
			08	AC DD 00059	PUSHL	ENTITY_LEN	
			1C	AE DD 0005C	PUSHL	OWNER	
			24	AE 9F 0005F	PUSHAB	KEY	: 0565
			0088	8F BB 00062	PUSHR	#^M<R3,R7>	
00000000G	00			0A FB 00066	CALLS	#10, NML\$MATCHRECORD	
				2A 11 0006D	BRB	6\$	: 0562
	08	AE	04	AE D0 0006F	MOVL	OWNER, KEY	: 0578
		01	04	AE D1 00074	CMPL	OWNER, #1	: 0579
				09 12 00078	BNEQ	5\$	
	18	AE		02 D0 0007A	MOVL	#2, KEY_VALUE_DSC	: 0581
	1C	AE	04	AC 9E 0007E	MOVAB	ENTITY, KEY_VALUE_DSC+4	: 0582
				5E DD 00083	PUSHL	SP	: 0584
			14	AE 9F 00085	PUSHAB	RECDSC	
				57 DD 00088	PUSHL	R7	
			24	AE 9F 0008A	PUSHAB	KEY_VALUE_DSC	
			14	AE 9F 0008D	PUSHAB	OWNER	
				53 DD 00090	PUSHL	FID	
00000000G	00			06 FB 00092	CALLS	#6, NML\$READRECORD	
	17			50 E9 00099	BLBC	STATUS, 7\$	: 0588
			18	AE 9F 0009C	PUSHAB	KEY_VALUE_DSC	: 0589
			0C	AE 9F 0009F	PUSHAB	KEY	
			18	AE 9F 000A2	PUSHAB	RECDSC	
				54 DD 000A5	PUSHL	DELETEFLG	
			04	AC DD 000A7	PUSHL	ENTITY	
00000000V	00			05 FB 000AA	CALLS	#5, NML_PURITY	
				28 11 000B1	BRB	9\$	
	07		04	AC D1 000B3	CMPL	ENTITY, #7	: 0598
				13 12 000B7	BNEQ	8\$	
000182B2	8F			50 D1 000B9	CMPL	STATUS, #98994	: 0599

NML\$PURGE
V04-000

NML PURGE permanent parameter module
NML\$PURITY Delete entity parameters

K 15
16-Sep-1984 00:27:19
14-Sep-1984 12:50:16

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FF	8F	00000000G	0A	12	000C0	BNEQ	8\$	:	0600
			00	91	000C2	CMPB	NML\$GB_ENTITY_FORMAT, #-1	:	
			2B	13	000CA	BEQL	10\$	:	
	65		02	D0	000CC	MOVL	#2, NML\$AB_MSGBLOCK	:	0602
04	A5		08	8E	000CF	MNEGB	#8, NML\$AB_MSGBLOCK+4	:	0603
		01	A642	9F	000D3	PUSHAB	NML\$AB_ENTITYDATA+1[R2]	:	0605
08	A5		9E	B0	000D7	MOVW	@(SP)+, NML\$AB_MSGBLOCK+8	:	
		0C	AE	9F	000DB	PUSHAB	MSGSIZE	:	0610
			55	DD	000DE	PUSHL	R5	:	
00000000G	00		02	FB	000E0	CALLS	#2, NML\$BLD_REPLY	:	
		0C	AE	DD	000E7	PUSHL	MSGSIZE	:	0611
		00000000G	00	9F	000EA	PUSHAB	NML\$AB_SNDBUFFER	:	
00000000G	00		02	FB	000F0	CALLS	#2, NML\$SEND	:	
			04	000F7	10\$:	RET		:	0613

; Routine Size: 248 bytes, Routine Base: \$CODE\$ + 029B


```
622 0614 1 %SBTTL 'NML_PURENTITY Purge entity parameters'
623 0615 1 ROUTINE NML_PURENTITY (ENTITY, DEL, RECDSC, KEY, KEY_VALUE_DSC) : NOVALUE =
624 0616 1
625 0617 1 ++
626 0618 1 FUNCTIONAL DESCRIPTION:
627 0619 1
628 0620 1 This routine removes permanent data base parameters for the specified
629 0621 1 line.
630 0622 1
631 0623 1 FORMAL PARAMETERS:
632 0624 1
633 0625 1 ENTITY Entity type code.
634 0626 1 DEL Record delete flag (TRUE=yes, FALSE=no).
635 0627 1 RECDSC Address of current record descriptor.
636 0628 1 KEY For all but node database - Current record key.
637 0629 1 KEY_VALUE_DSC Used only for node database - ID of node being purged
638 0630 1 --
639 0631 1
640 0632 2 BEGIN
641 0633 2
642 0634 2 MAP
643 0635 2 recdsc : REF VECTOR [2]; ! Record descriptor
644 0636 2
645 0637 2 LOCAL
646 0638 2 fid; ! File id code
647 0639 2
648 0640 2 fid = .nml$ab_entitydata [.entity, eit$b_fileid]; ! Get file id
649 0641 2 nml$ab_msgblock [msb$l_flags] = 0;
650 0642 2 nml$ab_msgblock [msb$b_code] = nma$c_sts_suc;
651 0643 2
652 0644 2 Delete parameters. If none specified then delete record.
653 0645 2
654 0646 2 IF NOT .del THEN
655 0647 2 BEGIN
656 0648 2
657 0649 2 Purge the parameters specified by the NICE message, and then write the
658 0650 2 record back to the permanent database file.
659 0651 2
660 0652 2 nml$del_fields (.recdsc);
661 0653 2 nml$writerecord (.fid, .entity, .key, .recdsc, nmn$c_update_rec);
662 0654 2 END
663 0655 2 ELSE
664 0656 2 BEGIN
665 0657 2
666 0658 2 Delete the entity's record from the permanent database. This is
667 0659 2 generally a PURGE ALL operation.
668 0660 2
669 0661 2 nml$deleterecord (.fid, .key, .key_value_dsc);
670 0662 2 nml$ab_msgblock [msb$l_flags] = msb$m_msg_fld;
671 0663 2 nml$ab_msgblock [msb$l_text] = nml$_recdelete;
672 0664 2 END;
673 0665 2
674 0666 2 Add entity id to message descriptor.
675 0667 2
676 0668 2 nml$q_entbfdsc [0] = nml$k_entbuflen;
677 0669 2 nml$q_entbfdsc [1] = nml$st_entbuffer;
678 0670 2
```

NML\$PURGE
V04-000

NML PURGE permanent parameter module
NML_PURENTITY Purge entity parameters

M 15
16-Sep-1984 00:27:19
14-Sep-1984 12:50:16

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```
: 679      0671 2 nml$getrecowner (.recdsc,  
: 680      0672 2      .entity,  
: 681      0673 2      nml$q_entbfdsc,  
: 682      0674 2      nml$q_entbfdsc [0]);  
: 683      0675 2  
: 684      0676 2 nml$ab_msgblock [msb$y_entd fld] = 1; ! Set entity descriptor flag  
: 685      0677 2 nml$ab_msgblock [msb$a_entity] = nml$q_entbfdsc; ! Add entity descriptor pointer  
: 686      0678 2  
: 687      0679 1 END;                                ! End of NML_PURENTITY
```

				001C 00000 NML_PURENTITY:		
		54	00000000'	00	9E 00002	.WORD Save R2,R3,R4 : 0615
		53	00000000G	00	9E 00009	MOVAB NML\$Q_ENTBFDSC, R4
50	04	AC		2C	C5 00010	MOVAB NML\$AB_MSGBLOCK, R3 : 0640
		52	00000000G00	40	9A 00015	MULL3 #44, ENTITY, R0
				63	D4 0001D	MOVZBL NML\$AB_ENTITYDATA[R0], FID : 0641
	04	A3		01	90 0001F	CLRL NML\$AB_MSGBLOCK : 0642
		20	08	AC	E8 00023	MOVB #1, NML\$AB_MSGBLOCK+4 : 0646
			0C	AC	DD 00027	BLBS DEL, 1\$: 0652
	00000000G	00		01	FB 0002A	PUSHL RECDSC
				02	DD 00031	CALLS #1, NML\$DEL_FIELDS : 0653
			0C	AC	DD 00033	PUSHL #2
			10	AC	DD 00036	PUSHL RECDSC
			04	AC	DD 00039	PUSHL KEY
				52	DD 0003C	PUSHL ENTITY
	00000000G	00		05	FB 0003E	PUSHL FID
				18	11 00045	CALLS #5, NML\$WRITERECORD
		7E	10	AC	7D 00047	BRB 2\$: 0646
				52	DD 0004B	MOVQ KEY, -(SP) : 0661
	00000000G	00		03	FB 0004D	PUSHL FID
		63		04	DD 00054	CALLS #3, NML\$DELETRECORD
	0C	A3	00000000G	8F	DD 00057	MOVL #4, NML\$AB_MSGBLOCK : 0662
		64	40	8F	9A 0005F	MOVL #NML\$ RECDELET, NML\$AB_MSGBLOCK+12 : 0663
	04	A4	C0	A4	9E 00063	MOVZBL #64, NML\$Q_ENTBFDSC : 0668
				54	DD 00068	MOVAB NML\$T_ENTBOFFER, NML\$Q_ENTBFDSC+4 : 0669
				54	DD 0006A	PUSHL R4 : 0674
			04	AC	DD 0006C	PUSHL R4 : 0671
			0C	AC	DD 0006F	PUSHL ENTITY : 0672
	00000000G	00		04	FB 00072	PUSHL RECDSC : 0671
		63		10	88 00079	CALLS #4, NML\$GETRECOWNER
	14	A3		64	9E 0007C	BISB2 #16, NML\$AB_MSGBLOCK : 0676
				04	00080	MOVAB NML\$Q_ENTBFDSC, NML\$AB_MSGBLOCK+20 : 0677
						RET : 0679

; Routine Size: 129 bytes, Routine Base: \$CODE\$ + 0393


```

: 689 0680 1 %SBTTL 'NML_PURLOGGING Purge logging parameters'
: 690 0681 1 ROUTINE NML_PURLOGGING (SNK, SNKADR, RECDSC, KEY) : NOVALUE =
: 691 0682 1
: 692 0683 1 !++
: 693 0684 1 FUNCTIONAL DESCRIPTION:
: 694 0685 1
: 695 0686 1 This routine performs common purge functions for both singular
: 696 0687 1 and plural requests.
: 697 0688 1
: 698 0689 1 FORMAL PARAMETERS:
: 699 0690 1
: 700 0691 1 SNK Logging sink type.
: 701 0692 1 SNKADR Sink node address.
: 702 0693 1 RECDSC Address of current record descriptor.
: 703 0694 1 KEY Address of current record key.
: 704 0695 1
: 705 0696 1 IMPLICIT INPUTS:
: 706 0697 1
: 707 0698 1 NONE
: 708 0699 1
: 709 0700 1 IMPLICIT OUTPUTS:
: 710 0701 1
: 711 0702 1 NONE
: 712 0703 1
: 713 0704 1 ROUTINE VALUE:
: 714 0705 1 COMPLETION CODES:
: 715 0706 1
: 716 0707 1 NONE
: 717 0708 1
: 718 0709 1 SIDE EFFECTS:
: 719 0710 1
: 720 0711 1 NONE
: 721 0712 1
: 722 0713 1 --
: 723 0714 1
: 724 0715 2 BEGIN
: 725 0716 2
: 726 0717 2 MAP
: 727 0718 2 SNKADR : WORD,
: 728 0719 2 RECDSC : REF VECTOR;
: 729 0720 2
: 730 0721 2 LOCAL
: 731 0722 2 FID, ! File id code
: 732 0723 2 FLD$SIZE,
: 733 0724 2 FLDADR,
: 734 0725 2 STATUS,
: 735 0726 2 UPDFLG; ! Data base update flag
: 736 0727 2
: 737 0728 2 FID = .NML$AB_ENTITYDATA [NML$C_LOGGING, EIT$B_FILEID]; ! Get file id
: 738 0729 2
: 739 0730 2 Add event flags.
: 740 0731 2
: 741 0732 2 IF NOT NML$ADDEVENTS (FALSE, .RECDSC, .SNK, .SNKADR, UPDFLG)
: 742 0733 2 THEN
: 743 0734 2 RETURN;
: 744 0735 2
: 745 0736 2 ! If the events parameter valid then write the record back to the file.
```


NML\$PURGE
V04-000

NML PURGE permanent parameter module
NML_PURLOGGING Purge logging parameters

B 16
16-Sep-1984 00:27:19
14-Sep-1984 12:50:16

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```

: 746      0737 2 ! Otherwise, delete the record.
: 747      0738 2 !
: 748      0739 2 IF .UPDFLG
: 749      0740 2 THEN
: 750      0741 2     NML$WRITERECORD (.FID,
: 751      0742 2     NML$C_LOGGING,
: 752      0743 2     .KEY,
: 753      0744 2     .RECDSC,
: 754      0745 2     NMNSC_UPDATE_REC) ! Write the record
: 755      0746 2 ELSE
: 756      0747 2     NML$DELETRECORD (.FID, .KEY, 0); ! Delete the record
: 757      0748 2
: 758      0749 2 NML$AB_MSGBLOCK [MSB$B_CODE] = NMASC_STS_SUC;
: 759      0750 2
: 760      0751 1 END; ! End of NML_PURLOGGING
```

```

                                0004 00000 NML_PURLOGGING:
                                .WORD Save R2
                                SUBL2 #4, SP
                                MOVZBL NML$AB_ENTITYDATA+44, FID
                                PL'SHL SP
                                MOVZWL SNKADR, -(SP)
                                PUSHL SNK
                                PUSHL RECDSC
                                CLRL -(SP)
                                CALLS #5, NML$ADDEVENTS
                                BLBC R0, 3$
                                BLBC UPDFLG, 1$
                                PUSHL #2
                                PUSHL RECDSC
                                PUSHL KEY
                                PUSHL #1
                                PUSHL FID
                                CALLS #5, NML$WRITERECORD
                                BRB 2$
                                CLRL -(SP)
                                PUSHL KEY
                                PUSHL FID
                                CALLS #3, NML$DELETRECORD
                                MOVBL #1, NML$AB_MSGBLOCK+4
                                RET

5E      04 C2 00002      .WORD Save R2
52 00000000G 00 9A 00005      SUBL2 #4, SP
      5E DD 0000C      MOVZBL NML$AB_ENTITYDATA+44, FID
      7E 08 AC 3C 0000E      PL'SHL SP
      04 AC DD 00012      MOVZWL SNKADR, -(SP)
      0C AC DD 00015      PUSHL SNK
      00 7E D4 00018      PUSHL RECDSC
      00 05 FB 0001A      CLRL -(SP)
      2D 50 E9 00021      CALLS #5, NML$ADDEVENTS
      15 6E E9 00024      BLBC R0, 3$
      0C 02 DD 00027      BLBC UPDFLG, 1$
      10 AC DD 00029      PUSHL #2
      01 AC DD 0002C      PUSHL RECDSC
      52 DD 0002F      PUSHL KEY
      00 52 DD 00031      PUSHL #1
      00 05 FB 00033      PUSHL FID
      0E 11 0003A      CALLS #5, NML$WRITERECORD
      7E D4 0003C 1$:      BRB 2$
      10 AC DD 0003E      CLRL -(SP)
      52 DD 00041      PUSHL KEY
      00 03 FB 00043      PUSHL FID
      00 01 90 0004A 2$:      CALLS #3, NML$DELETRECORD
      04 00051 3$:      MOVBL #1, NML$AB_MSGBLOCK+4
                                RET
```

; Routine Size: 82 bytes, Routine Base: \$CODE\$ + 0414


```

: 762 0752 1 %SBTTL 'NML_PURLOGALL Purge logging sink parameters'
: 763 0753 1 ROUTINE NML_PURLOGALL (SNK) =
: 764 0754 1
: 765 0755 1 ++
: 766 0756 1 FUNCTIONAL DESCRIPTION:
: 767 0757 1
: 768 0758 1 This routine performs common purge functions for both singular
: 769 0759 1 and plural requests.
: 770 0760 1
: 771 0761 1 FORMAL PARAMETERS:
: 772 0762 1
: 773 0763 1 SNK Sink type code.
: 774 0764 1
: 775 0765 1 IMPLICIT INPUTS:
: 776 0766 1
: 777 0767 1 NONE
: 778 0768 1
: 779 0769 1 IMPLICIT OUTPUTS:
: 780 0770 1
: 781 0771 1 NONE
: 782 0772 1
: 783 0773 1 ROUTINE VALUE:
: 784 0774 1 COMPLETION CODES:
: 785 0775 1
: 786 0776 1 TRUE is returned if any operations have been performed indicating
: 787 0777 1 that a status message should be sent. If no operations were
: 788 0778 1 performed then no data for the specified sink type was found so
: 789 0779 1 no status message should be sent.
: 790 0780 1
: 791 0781 1 SIDE EFFECTS:
: 792 0782 1
: 793 0783 1 NONE
: 794 0784 1
: 795 0785 1 --
: 796 0786 1
: 797 0787 2 BEGIN
: 798 0788 2
: 799 0789 2 LOCAL
: 800 0790 2 FID, ! File id code
: 801 0791 2 FLDSIZE,
: 802 0792 2 FLDADR,
: 803 0793 2 KEY, ! Record key
: 804 0794 2 MSGFLG : BYTE, ! Response message flag
: 805 0795 2 OWNER, ! Search key
: 806 0796 2 PRMDSC : VECTOR [2],
: 807 0797 2 RECDSC : VECTOR [2],
: 808 0798 2 SRCPTR, ! Pointer to source block
: 809 0799 2 STATUS;
: 810 0800 2
: 811 0801 2
: 812 0802 2 Purge the logging sink data.
: 813 0803 2
: 814 0804 2 MSGFLG = FALSE; ! No response messages
: 815 0805 2 FID = .NML$AB_ENTITYDATA [NML$C_SINK, EIT$B_FILEID]; ! Get file id
: 816 0806 2 OWNER = .NML$AB_ENTITYDATA [NML$C_SINK, EIT$W_KEY]; ! Get search key
: 817 0807 2 KEY = 0; ! Initialize record key
: 818 0808 2
```



```
0809 2 : Find the record in the file.
0810 2 :
0811 2 : IF NML$MATCHRECORD (.FID, NML$GQ_RECBFDSC, KEY,
0812 2 :     .OWNER, 1, SNK,
0813 2 :     0, 0, 0, ! No qualifier
0814 2 :     RECDSC)
0815 2 : THEN
0816 2 :     BEGIN
0817 2 :
0818 2 :     MSGFLG = TRUE; ! Set response message flag
0819 2 :     NML_PURENTITY (NML$C_SINK, TRUE, RECDSC, KEY);
0820 2 :
0821 2 :     END;
0822 2 :
0823 2 : Purge the logging filter data.
0824 2 :
0825 2 : FID = .NML$AB_ENTITYDATA [NML$C_LOGGING, EIT$B_FILEID]; ! Get file id
0826 2 : OWNER = .NML$AB_ENTITYDATA [NML$C_LOGGING, EIT$W_KEY]; ! Get search key
0827 2 : KEY = 0;
0828 2 :
0829 2 : WHILE NML$MATCHRECORD (.FID,
0830 2 :     NML$GQ_RECBFDSC,
0831 2 :     KEY,
0832 2 :     .OWNER, 0, 0,
0833 2 :     0, 0, 0, ! No qualifier
0834 2 :     RECDSC) DO
0835 2 :     BEGIN
0836 2 :
0837 2 : Find event parameter in record.
0838 2 :
0839 2 : FLDADR = 0;
0840 2 : STATUS = NML$SEARCHFLD (RECDSC,
0841 2 :     NML$C_PCLO_EVE,
0842 2 :     FLDSIZE,
0843 2 :     FLDADR);
0844 2 :
0845 2 : IF .STATUS
0846 2 : THEN
0847 2 :     BEGIN
0848 2 :
0849 2 :     CH$MOVE (.FLDSIZE, .FLDADR, .NML$Q_EVTBFDSC [1]);
0850 2 :     PRMDSC [0] = .FLDSIZE;
0851 2 :     PRMDSC [1] = .NML$Q_EVTBFDSC [1];
0852 2 :
0853 2 :     END
0854 2 : ELSE
0855 2 :     BEGIN
0856 2 :
0857 2 :     PRMDSC [0] = 0;
0858 2 :     PRMDSC [1] = .NML$Q_EVTBFDSC [1];
0859 2 :
0860 2 :     END;
0861 2 :
0862 2 : Clear event filters.
0863 2 :
0864 2 : SRCPTR = 0;
0865 2 : WHILE NML$GETNXTSNK (PRMDSC, .SNK, SRCPTR) DO
0866 2 :     BEGIN
```



```

: 876 0866 4
: 877 0867 4      MSGFLG = TRUE;      ! Set response message flag
: 878 0868 4      NML$REMSRC (PRMDSC, .SRCPTR);
: 879 0869 4
: 880 0870 3      END;
: 881 0871 3
: 882 0872 3      IF .MSGFLG
: 883 0873 3      THEN
: 884 0874 4          BEGIN
: 885 0875 4              IF NOT NML$SAVEEVENTS (NML$K_MAX_REC_DATA,
: 886 0876 4                  .PRMDSC [0],
: 887 0877 4                  .PRMDSC [1],
: 888 0878 4                  RECDSC)
: 889 0879 4              THEN
: 890 0880 4                  EXITLOOP;
: 891 0881 4
: 892 0882 4      ! If source was cleared successfully and there are still filters
: 893 0883 4      ! remaining for this sink node then write the record back to file.
: 894 0884 4
: 895 0885 4      IF .PRMDSC [0] EQLU 0
: 896 0886 4      THEN
: 897 0887 4          NML$DELETRECORD (.FID, KEY, 0)
: 898 0888 4      ELSE
: 899 0889 4          NML$WRITERECORD (.FID, NML$C_SINK, KEY, RECDSC, NMN$C_UPDATE_REC);
: 900 0890 4
: 901 0891 4          NML$AB_MSGBLOCK [MSB$B_CODE] = NMN$C_STS_SUC;
: 902 0892 4
: 903 0893 4      END;
: 904 0894 3
: 905 0895 3      KEY = .KEY + 1;
: 906 0896 3
: 907 0897 3      END;
: 908 0898 2
: 909 0899 2      RETURN .MSGFLG
: 910 0900 2
: 911 0901 2
: 912 0902 1      END;
                                ! End of NML_PURLOGALL
```

```

                                OFFC 00000 NML_PURLOGALL:
                                .WORD      Save R2,R3,R4,R5,R6,R7,R8,R9,R10,R11
5B 00000000G 00 9E 00002      MOVAB     NML$AB_ENTITYDATA+88, R11      : 0753
5E          20 C2 00009      SUBL2     #32, SP
          58 94 0000C      CLRB      MSGFLG
57          6B 9A 0000E      MOVZBL    NML$AB_ENTITYDATA+88, FID      : 0804
59          03 AB 3C 00011      MOVZWL    NML$AB_ENTITYDATA+91, OWNER  : 0805
          0C AE D4 00015      CLRL      KEY
          10 AE 9F 00018      PUSHAB    RECDSC
          7E 7C 0001B      CLRQ      -(SP)
          7E D4 0001D      CLRL      -(SP)
          04 AC 9F 0001F      PUSHAB    SNK
          01 DD 00022      PUSHL     #1
          59 DD 00024      PUSHL     OWNER
          28 AE 9F 00026      PUSHAB    KEY
                                : 0812
                                : 0811
```


		00000000G	00	9F	00029	PUSHAB	NML\$GQ_RECBFDSC		
			57	DD	0002F	PUSHL	FID		
00000000G	00		0A	FB	00031	CALLS	#10, NML\$MATCHRECORD		
	12		50	E9	00038	BLBC	R0, 1\$		
	58		01	90	0003B	MOVB	#1, MSGFLG		0818
		0C	AE	9F	0003E	PUSHAB	KEY		0819
		14	AE	9F	00041	PUSHAB	RECDSC		
			01	DD	00044	PUSHL	#1		
			02	DD	00046	PUSHL	#2		
FEE0	CF		04	FB	00048	CALLS	#4, NML_PURENTITY		
	57	D4	AB	9A	0004D	MOVZBL	NML\$AB_ENTITYDATA+44, FID		0825
	59	D7	AB	3C	00051	MOVZWL	NML\$AB_ENTITYDATA+47, OWNER		0826
		0C	AE	D4	00055	CLRL	KEY		0827
		10	AE	9F	00058	PUSHAB	RECDSC		0829
			7E	7C	0005B	CLRL	-(SP)		
			7E	7C	0005D	CLRL	-(SP)		
			7E	D4	0005F	CLRL	-(SP)		
		28	59	DD	00061	PUSHL	OWNER		0832
			AE	9F	00063	PUSHAB	KEY		0829
		00000000G	00	9F	00066	PUSHAB	NML\$GQ_RECBFDSC		
			57	DD	0006C	PUSHL	FID		
00000000G	00		0A	FB	0006E	CALLS	#10, NML\$MATCHRECORD		
	76		50	E9	00075	BLBC	R0, 7\$		
			6E	D4	00078	CLRL	FLDADR		0839
			5E	DD	0007A	PUSHL	SP		0840
		08	AE	9F	0007C	PUSHAB	FLDSIZE		
	7E	C9	8F	9A	0007F	MOVZBL	#201, -(SP)		
		1C	AE	9F	00083	PUSHAB	RECDSC		
00000000G	00		04	FB	00086	CALLS	#4, NML\$SEARCHFLD		
	5A		50	D0	0008D	MOVL	R0, STATUS		
	56	00000000'	00	D0	00090	MOVL	NML\$Q_EVTBFDSC+4, R6		0848
	0D		5A	E9	00097	BLBC	STATUS, 3\$		0844
66	00		04	AE	28	0009A	MOVC3	FLDSIZE, @FLDADR, (R6)	0848
	18	AE	04	AE	D0	000A0	MOVL	FLDSIZE, PRMDSC	0849
			03	11	000A5	BRB	4\$		0850
		18	AE	D4	0C0A7	CLRL	PRMDSC		0856
			56	D0	000AA	MOVL	R6, PRMDSC+4		0857
	1C	AE	08	AE	D4	000AE	CLRL	SRCPTR	0863
			08	AE	9F	000B1	PUSHAB	SRCPTR	0864
			04	AC	DD	000B4	PUSHL	SNK	
		20	AE	9F	000B7	PUSHAB	PRMDSC		
00000000G	00		03	FB	000BA	CALLS	#3, NML\$GETNXTSNK		
	12		50	E9	000C1	BLBC	R0, 6\$		
	58		01	90	000C4	MOVB	#1, MSGFLG		0867
		08	AE	DD	000C7	PUSHL	SRCPTR		0868
		1C	AE	9F	000CA	PUSHAB	PRMDSC		
00000000G	00		02	FB	000CD	CALLS	#2, NML\$REMSRC		
			DB	11	000D4	BRB	5\$		0864
	47		58	E9	000D6	BLBC	MSGFLG, 10\$		0872
		10	AE	9F	000D9	PUSHAB	RECDSC		0876
		20	AE	DD	000DC	PUSHL	PRMDSC+4		0878
		20	AE	DD	000DF	PUSHL	PRMDSC		0877
	7E	03F6	8F	3C	000E2	MOVZWL	#1014, -(SP)		0876
00000000G	00		04	FB	000E7	CALLS	#4, NML\$SAVEEVENTS		
	35		50	E9	000EE	BLBC	R0, 11\$		
		18	AE	D5	000F1	TSTL	PRMDSC		0886
			10	12	000F4	BNEQ	8\$		

NML\$PURGE
V04-000

NML PURGE permanent parameter module
NML_PURLOGALL Purge logging sink parameters

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DISK\$VMSMASTER:[NML.SRC]NMLPURGE.B32;1
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		7E D4 000F6	CLRL	-(SP)	: 0888
	10	AE 9F 000F8	PUSHAB	KEY	:
		57 DD 000FB	PUSHL	FID	:
00000000G	00	03 FB 000FD	CALLS	#3, NML\$DELETRECORD	:
		13 11 00104	BRB	9\$	:
		02 DD 00106	PUSHL	#2	: 0890
	14	AE 9F 00108	PUSHAB	RECDSC	:
	14	AE 9F 0010B	PUSHAB	KEY	:
		02 DD 0010E	PUSHL	#2	:
		57 DD 00110	PUSHL	FID	:
00000000G	00	05 FB 00112	CALLS	#5, NML\$WRITERECORD	:
00000000G	00	01 90 00119	MOVB	#1, NML\$AB_MSGBLOCK+4	: 0892
	0C	AE D6 00120	INCL	KEY	: 0896
		FF 32 31 00123	BRW	2\$	: 0829
	50	58 9A 00126	MOVZBL	MSGFLG, R0	: 0900
		04 00129	RET		: 0902

; Routine Size: 298 bytes, Routine Base: \$CODE\$ + 0466

NML\$PURGE
V04-000

NML PURGE permanent parameter module
NML_PURLOGALL Purge logging sink parameters

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: 914
: 915
: 916
0903 1 END
0904 1
0905 0 ELUDOM

! End of module

PSECT SUMMARY

Name	Bytes	Attributes
\$OWNS	1096	NOVEC, WRT, RD, NOEXE, NOSHR, LCL, REL, CON, NOPIC, ALIGN(2)
\$SPLITS	12	NOVEC, NOWRT, RD, NOEXE, NOSHR, LCL, REL, CON, NOPIC, ALIGN(2)
\$CODES	1424	NOVEC, NOWRT, RD, EXE, NOSHR, LCL, REL, CON, NOPIC, ALIGN(2)

Library Statistics

File	----- Total	Symbols Loaded	----- Percent	Pages Mapped	Processing Time
-\$255\$DUA28:[NML.OBJ]NMLLIB.L32;1	341	44	12	27	00:00.1
-\$255\$DUA28:[SHRLIB]NMLIBRY.L32;1	887	11	1	47	00:00.2
-\$255\$DUA28:[SYSLIB]STARLET.L32;1	9776	1	0	581	00:02.2

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/LIS=LIS\$:NMLPURGE/OBJ=OBJ\$:NMLPURGE MSRC\$:NMLPURGE/UPDATE=(ENH\$:NMLPURGE)

: Size: 1424 code + 1108 data bytes
: Run Time: 00:24.0
: Elapsed Time: 00:59.9
: Lines/CPU Min: 2264
: Lexemes/CPU-Min: 11467
: Memory Used: 141 pages
: Compilation Complete

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