


```

RRRRRRRR      MM      MM      000000      DDDDDDDDD      UU      UU      MM      MM      MM      MM      YY      YY
RRRRRRRR      MM      MM      000000      DDDDDDDDD      UU      UU      MM      MM      MM      MM      YY      YY
RR      RR      MMMM      MMMM      00      00      DD      DD      UU      UU      MMMM      MMMM      YY      YY
RR      RR      MMMM      MMMM      00      00      DD      DD      UU      UU      MMMM      MMMM      YY      YY
RR      RR      MM      MM      MM      00      0000      DD      DD      UU      UU      MM      MM      MM      MM      YY      YY
RR      RR      MM      MM      MM      00      0000      DD      DD      UU      UU      MM      MM      MM      MM      YY      YY
RRRRRRRR      MM      MM      00      00      00      DD      DD      UU      UU      MM      MM      MM      MM      YY      YY
RRRRRRRR      MM      MM      00      00      00      DD      DD      UU      UU      MM      MM      MM      MM      YY      YY
RR      RR      MM      MM      MM      0000      00      DD      DD      UU      UU      MM      MM      MM      MM      YY      YY
RR      RR      MM      MM      MM      0000      00      DD      DD      UU      UU      MM      MM      MM      MM      YY      YY
RR      RR      MM      MM      MM      00      00      DD      DD      UU      UU      MM      MM      MM      MM      YY      YY
RR      RR      MM      MM      MM      00      00      DD      DD      UU      UU      MM      MM      MM      MM      YY      YY
RR      RR      MM      MM      MM      000000      DDDDDDDDD      UUUUUUUUUU      MM      MM      MM      MM      YY      YY
RR      RR      MM      MM      MM      000000      DDDDDDDDD      UUUUUUUUUU      MM      MM      MM      MM      YY      YY

```

```

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      IIIIII      SSSSSSSS
LLLLLLLLLLLL      IIIIII      SSSSSSSS
LLLLLLLLLLLL      IIIIII      SSSSSSSS

```

```

0000 1          $BEGIN RMODUMMY,000,RMSRMS0,<DUMMY ROUTINES>,<NOWRT,QUAD>
0000 2
0000 3
0000 4 :*****
0000 5 :*
0000 6 :*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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0000 8 :*  ALL RIGHTS RESERVED.
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0000 22 :*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
0000 23 :*
0000 24 :*
0000 25 :*****
0000 26
0000 27 Modified By:
0000 28
0000 29 V03-006 JAK0141          J A Krycka          10-Apr-1984
0000 30          Add four network related testpoints.
0000 31
0000 32 V03-005 RAS0236          Ron Schaefer          16-Jan-1984
0000 33          Make the RMS patch psect be at the end of RMS (again).
0000 34
0000 35 V03-004 RAS0217          Ron Schaefer          2-Dec-1983
0000 36          Make the RMS patch psect be at the end of RMS.
0000 37
0000 38 V03-003 KBT032x          Keith B. Thompson    10-Sep-1982
0000 39          Add RMS$GL_VERSION and RMS$VERSION globl symbols
0000 40
0000 41 V03-002 KBT0314          Keith B. Thompson    7-Sep-1982
0000 42          Fix bugcheck code
0000 43
0000 44 V03-001 KBT0152          Keith B. Thompson    20-Aug-1982
0000 45          Reorganize psects and rename entry point to single '$'
0000 46
0000 47 V02-036 TMK0023          Todd M. Katz          14-Dec-1981
0000 48          Change entry point from RM$ERRORG to RMS$ERRORG to fix
0000 49          broken branch.
0000 50
0000 51 V02-035 KPL0001          Peter Lieberwirth    6-July-1981
0000 52          Add a testpoint to count the number of times RMS
0000 53          waits on record lock conflict. Also add testpoints
0000 54          to count calls to RM$LOCK and RMSQUERY_LCK.
0000 55
0000 56 V02-034 REFORMAT          Frederick E. Deen, Jr. 25-Jul-1980
0000 57          This code was reformatted to adhere to RMS standards

```

```

0000 58 :
0000 59 : V033 JAK0026 J A Krycka 03-Oct-1979
0000 60 : Add, delete, and rearrange network testpoint counters.
0000 61 :
0000 62 : V032 JAK0006 J A Krycka 15-Jan-1978
0000 63 : Reserve TPT space for use by network file name parsing code.
0000 64 :
0000 65 : V031 RAN0003 R A Newell 19-Dec-1978
0000 66 : File sharing code enhancements
0000 67 :
0000 68 : REVISION HISTORY:
0000 69 :
0000 70 : C Saether 01-Nov-1978 10:00
0000 71 : X0001 - Make bug check non-fatal and delete process
0000 72 :
0000 73 :
0000 74 : $RMSDEF
0000 75 :
0000 76 : ++
0000 77 : RMSBUG - RMS bug check routine
0000 78 :
0000 79 : RMSERRORG - Error in file organization
0000 80 :
0000 81 : NOTE: The alignment of this code is critical in that the bugcheck
0000 82 : codes are not allowed to cause a page fault.
0000 83 : --
0000 84 :
0000 85 RMSBUG::
0000 86 :
0000 87 : PUSHL R2 ; free up a register
52 04 BE 98 0002 88 : CVTBL @4(SP),R2 ; get RMS error code
FEFF 0006 89 : BUGW ; log the bugcheck
0000 0008 90 : .WORD BUG$_RMSBUG ; with RMS bugcheck code
13 14 000A 91 : BGTR 10$ ; branch if not fatal (from cvtbl r2)
000C 92 : $DELPRC_S ; delete the process, should not return
50 00010001 8F D0 0017 93 : MOVL #RMS$_NORMAL,R0 ; if delprc returns we are in rundown
04 04 001E 94 : RET ; and a delprc was already called so
001F 95 : ; just return (at this point all is
001F 96 : ; lost).
001F 97 :
04 BA 001F 98 10$: POPR #^M<R2> ; restore r2
6E D6 0021 99 : INCL (SP) ; skip past bug code
05 0023 100 : RSB ; back to caller
0024 101 :
0024 102 :
0024 103 : Error in file organization
0024 104 :
0024 105 :
0024 106 RMSERRORG::
0024 107 : RMSTBUG FTL$_BADORGCASE
0028 108 :

```

```
00000000 110 .PSECT _RMS$PATCH,PAGE,NOWRT
0000 111 ;++
0000 112 ;
0000 113 : RMS$GL_VERSION - Version number for the RMS image.
0000 114 ;
0000 115 ;--
00000000 0000 116 RMS$_VERSION == 0 ; Default to zero if not redefined
0000 117
00000000 0000 118 RMS$GL_VERSION::
0000 119 .LONG RMS$_VERSION ; Defined at link time
0004 120
0004 121 ;++
0004 122 ;
0004 123 : RMS$GQ_PATCH - Space for patching the RMS image.
0004 124 ;
0004 125 ;--
0004 126
000007F4 0004 127 RMS$GQ_PATCH::
0000000C' 0008 128 .LONG <4*512>-12 ; 4 pages worth MINUS version longword
00000800 000C 129 .LONG +4 ; starting immediately
00000800 000C 130 .BLKB <4*512>-12
```

```

0800 132
0800 133 :++
0800 134 : Define testpoint offsets for counters in PIO segment.
0800 135 :--
0800 136
0800 137 .MACRO F NAM
0800 138 TPT$L 'NAM=..CNT
0800 139 ..CNT=..CNT+4
0800 140 .ENDM F
00000000 0800 141 ..CNT=0
0800 142
0800 143 F ACCESS : # of file access calls
0800 144 F ASTDSA : # of times ASTS disabled
0800 145 F CLOSE : # of times SYSSCLOSE function called
0800 146 F COMCLNU : # of DISCONNECT cleanups
0800 147 F CONNECT : # of times SYSSCONNECT function called
0800 148 F CONNECT2 : # of calls to RMSCONNECT2
0800 149 F CREATE : # of times SYSSCREATE function called
0800 150 F CREATE1 : # of calls to RMSCREATE1
0800 151 F CREATE2 : # of calls to RMSCREATE2
0800 152 F DEACCES : # of file DEACCESS calls
0800 153 : 10
0800 154 F DELETE : # of times SYSSDELETE function called
0800 155 F DELETE2 : # of calls to RMSDELETE2
0800 156 F DISCON0 : # of times SYSSDISCONNECT function called
0800 157 F DISCON1 : # of calls to RMSDISCONNECT1
0800 158 F DISCON2 : # of calls to RMSDISCONNECT2
0800 159 F DISPLAY : # of times SYSSDISPLAY function called
0800 160 F ERASE : # of times SYSSERASE function called
0800 161 F EXTEND : # of times SYSSEXTEND function called
0800 162 F FCPEXT : # of FCP extends
0800 163 F FCPFNC : # of FCP functions requested
0800 164 : 20
0800 165 F FCPFNCA : # of FCP functions requested (alternate en
0800 166 F FIND : # of times SYSSFIND function called
0800 167 F FIND1 : # of SEQ. org. FINDs
0800 168 F FIND2 : # of REL. org. FINDs
0800 169 F FLUSH : # of times SYSSFLUSH function called
0800 170 F FREE : # of times SYSSFREE function called
0800 171 F GET : # of times SYSSGET function called
0800 172 F GET1 : # of SEQ. org. GETs
0800 173 F GET2 : # of REL. org. GETs
0800 174 F GETBLKD : # of SEQ. org. GETs to block devices
0800 175 : 30
0800 176 F INDPPF : # of indirect opens of PPF'S
0800 177 F LOCK : # of times RMSLOCK called
0800 178 F MODIFY : # of times SYSSMODIFY function called
0800 179 F MODIFY2 : # of calls to 'escape' MODIFY
0800 180 F NXTBLK1 : # of calls to RMSNXTBLK1
0800 181 F NXTVOL : # of times SYSSNXTVOL function called
0800 182 F OPEN : # of times SYSSOPEN function called
0800 183 F OPEN1 : # of SEQ. org. OPENS
0800 184 F OPEN2 : # of REL. org. OPENS
0800 185 F PARSE : # of times SYSSPARSE function called
0800 186 : 40
0800 187 F PARSES : # of calls to PARSE STRING routine (RMOXPF
0800 188 F PUT : # of times SYSSPUT function called

```

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0800 189 F PUT1 : # of SEQ. org. puts
0800 190 F PUT2 : # of REL. org. puts
0800 191 F PUTBLD : # of SEQ. org. puts to block devices
0800 192 F PUTREC1 : # or SEQ. org. puts to unit record devices
0800 193 F PUTSET1 : # of calls to RMSPUTSET1
0800 194 F PUTSET2 : # of calls to RMSPUTSET2
0800 195 F QUERY_LCK : # of times RMSQUERY_LCK called
0800 196 F READ : # of times SYSSREAD function called
0800 197 : 50
0800 198 F REC_WAT : # of times waited on a record lock
0800 199 F RELBLK1 : # of calls to RMSRELBLK1
0800 200 F RELEASE : # of buffer RELEASEs
0800 201 F RELEASEO : # of times SYSSRELEASE function called
0800 202 F RENAME : # of times SYSSRENAME function called
0800 203 F REWIND : # of times SYSSREWIND function called
0800 204 F RUNDWN : # of times SYSSRMRUNDWN called
0800 205 F SEARCH : # of times SYSSSEARCH, SYSSREMOVE, and SYS
0800 206 F SEQRD : # of SEQ. org. READ QIO's
0800 207 F SEQWTBD : # of SEQ. org. WRITE QIO's for block devic
0800 208 : 60
0800 209 F SEQWTUR : # of SEQ. org. WRITES to unit record devic
0800 210 F SETDDIR : # of times SYSSSETDDIR function called
0800 211 F SETDFPROT : # of times SYSSSETDFPROT function called
0800 212 F SETDID : # of calls to RMSSETDID routine (directory
0800 213 F SPACE : # of times SYSSSPACE function called
0800 214 F STALAST : # of ASTs processed at RMSTHREADGO
0800 215 F STALL : # of RMS stalls
0800 216 F STALLAL : # of RMS stalls requiring asb allocation
0800 217 F STALLLOCK : # of times STALL LOCK is called
0800 218 F TRUNCATE : # of times SYSTRUNCATE function called
0800 219 : 70
0800 220 F UPDATE : # of times SYSSUPDATE function called
0800 221 F UPDATE1 : # of SEQ. org. updates
0800 222 F UPDATE2 : # of REL. org. updates
0800 223 F WAIT : # of times SYSSWAIT function called
0800 224 F WRITE : # of times SYSSWRITE function called
0800 225 F WTLST1 : # of calls to RMSWTLST1
0800 226 F XLATLOG : # of RMS logical device name translations
0800 227 F XPFN : # of calls to RMSXPFN
0800 228 :
0800 229 : network specific testpoints.
0800 230 :
0800 231 :
0800 232 F NTACC_DAP : # of network ACCESS calls at DAP level
0800 233 F NTACC_NSP : # of network ACCESS calls at NSP level
0800 234 : 80
0800 235 F NTCLOSE : # of network CLOSE function calls
0800 236 F NTCONN : # of network CONNECT function calls
0800 237 F NTCREATE : # of network CREATE function calls
0800 238 F NTDAP_DEC : # of network DAP message decodes
0800 239 F NTDAP_ENC : # of network DAP message encodes
0800 240 F NTDAP_RCV : # of network DAP message receive QIOs
0800 241 F NTDAP_XMT : # of network DAP message transmit QIOs
0800 242 F NTDEACCES : # of network DEACCESS calls
0800 243 F NTDELETE : # of network DELETE function calls
0800 244 F NTDISCON : # of network DISCONNECT function calls
0800 245 : 90

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0800	246		F	NTDISPLAY	: # of network DISPLAY function calls
0800	247		F	NTENTER	: # of network ENTER function calls
0800	248		F	ENTERASE	: # of network ERASE function calls
0800	249		F	NTEXTEND	: # of network EXTEND function calls
0800	250		F	NTFIND	: # of network FIND function calls
0800	251		F	NTFLUSH	: # of network FLUSH function calls
0800	252		F	NTFREE	: # of network FREE function calls
0800	253		F	NTGET	: # of network GET function calls
0800	254		F	NTNXTVOL	: # of network NXTVOL function calls
0800	255		F	NTOPEN	: # of network OPEN function calls
0800	256	: 100			
0800	257		F	NTPUT	: # of network PUT function calls
0800	258		F	NTREAD	: # of network READ function calls
0800	259		F	NTRELEASE	: # of network RELEASE function calls
0800	260		F	NTREMOVE	: # of network REMOVE function calls
0800	261		F	NTRENAME	: # of network RENAME function calls
0800	262		F	NTREWIND	: # of network REWIND function calls
0800	263		F	NTSEARCH	: # of network SEARCH function calls
0800	264		F	NTSPACE	: # of network SPACE function calls
0800	265		F	NTTRUNC	: # of network TRUNCATE function calls
0800	266		F	NTUPDATE	: # of network UPDATE function calls
0800	267	: 110			
0800	268		F	NTWRITE	: # of network WRITE function calls
0800	269		F	NTXLATLOG	: # of RMS logical node name translations (r
0800	270	: 112			
0800	271				
0800	272			.END	

RMODUMMY
Symbol table

DUMMY ROUTINES

H 7

16-SEP-1984 00:18:29 VAX/VMS Macro V04-00
5-SEP-1984 16:21:38 [RMS.SRC]RMODUMMY.MAR;1

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RMC
V04

\$\$PSECT EP	=	00000000			TPT\$\$_NTDAP_XMT	=	00000158	G
\$\$RMSTEST	=	0000001A			TPT\$\$_NTDEACCESS	=	0000015C	G
\$\$RMS_PBUGCHK	=	00000010			TPT\$\$_NTDELETE	=	00000160	G
\$\$RMS_TBUGCHK	=	00000008			TPT\$\$_NTDISCON	=	00000164	G
\$\$RMS_UMODE	=	00000004			TPT\$\$_NTDISPLAY	=	00000168	G
..CNT	=	000001C0			TPT\$\$_NTENTER	=	J0C0016C	G
BUG\$RMSBUG	=	*****	X	01	TPT\$\$_NTERASE	=	00000170	G
FTL\$BADORGCASE	=	FFFFFFFFB			TPT\$\$_NTEXTEND	=	00000174	G
RMSBUG	=	00000000	RG	01	TPT\$\$_NTFFIND	=	00000178	G
RMSERRORG	=	00000024	RG	01	TPT\$\$_NTFLUSH	=	0000017C	G
RMS\$GL_VERSION	=	00000000	RG	03	TPT\$\$_NTFREE	=	00000180	G
RMS\$GQ_PATCI.	=	00000004	RG	03	TPT\$\$_NTGET	=	00000184	G
RMS\$NORMAL	=	00010001			TPT\$\$_NTNXTVOL	=	00000188	G
RMS\$VERSION	=	00000000	G		TPT\$\$_NTOPEN	=	0000018C	G
SYSDDELPRC	=	*****	GX	01	TPT\$\$_NTPUT	=	00000190	G
TPT\$\$_ACCESS	=	00000000	G		TPT\$\$_NTREAD	=	00000194	G
TPT\$\$_ASTDSA	=	00000004	G		TPT\$\$_NTRELEASE	=	00000198	G
TPT\$\$_CLOSE	=	00000008	G		TPT\$\$_NTREMOVE	=	0000019C	G
TPT\$\$_COMCLNU	=	0000000C	G		TPT\$\$_NTRENAME	=	000001A0	G
TPT\$\$_CONNECT	=	00000010	G		TPT\$\$_NTREWIND	=	000001A4	G
TPT\$\$_CONNECT2	=	00000014	G		TPT\$\$_N`SEARCH	=	000001A8	G
TPT\$\$_CREATE	=	00000018	G		TPT\$\$_NTSPACE	=	000001AC	G
TPT\$\$_CREATE1	=	0000001C	G		TPT\$\$_NTTRUNC	=	000001B0	G
TPT\$\$_CREATE2	=	00000020	G		TPT\$\$_NTUPDATE	=	000001B4	G
TPT\$\$_DEACCESS	=	00000024	G		TPT\$\$_NTWRITE	=	000001B8	G
TPT\$\$_DELETE	=	00000028	G		TPT\$\$_NTXLATLOG	=	000001BC	G
TPT\$\$_DELETE2	=	0000002C	G		TPT\$\$_NXTBLK1	=	00000088	G
TPT\$\$_DISCON0	=	00000030	G		TPT\$\$_NXTVOL	=	0000008C	G
TPT\$\$_DISCON1	=	00000034	G		TPT\$\$_OPEN	=	00000090	G
TPT\$\$_DISCON2	=	00000038	G		TPT\$\$_OPEN1	=	00000094	G
TPT\$\$_DISPLAY	=	0000003C	G		TPT\$\$_OPEN2	=	00000098	G
TPT\$\$_ERASE	=	00000040	G		TPT\$\$_PARSE	=	0000009C	G
TPT\$\$_EXTEND	=	00000044	G		TPT\$\$_PARSES	=	000000A0	G
TPT\$\$_FCPEXT	=	00000048	G		TPT\$\$_PUT	=	000C00A4	G
TPT\$\$_FCPFNC	=	0000004C	G		TPT\$\$_PUT1	=	000000A8	G
TPT\$\$_FCPFNCA	=	00000050	G		TPT\$\$_PUT2	=	000000AC	G
TPT\$\$_FIND	=	00000054	G		TPT\$\$_PUTBLD	=	000000B0	G
TPT\$\$_FIND1	=	00000058	G		TPT\$\$_PUTREC1	=	000000B4	G
TPT\$\$_FIND2	=	0000005C	G		TPT\$\$_PUTSET1	=	000000B8	G
TPT\$\$_FLUSH	=	00000060	G		TPT\$\$_PUTSET2	=	000000BC	G
TPT\$\$_FREE	=	00000064	G		TPT\$\$_QUERY_LCK	=	000000C0	G
TPT\$\$_GET	=	00000068	G		TPT\$\$_READ	=	000000C4	G
TPT\$\$_GET1	=	0000006C	G		TPT\$\$_REC_WAT	=	000000C8	G
TPT\$\$_GET2	=	00000070	G		TPT\$\$_RELBLK1	=	000000CC	G
TPT\$\$_GETBLKD	=	00000074	G		TPT\$\$_RELEASE	=	000000D0	G
TPT\$\$_INDPPF	=	00000078	G		TPT\$\$_RELEASE0	=	000000D4	G
TPT\$\$_LOCK	=	0000007C	G		TPT\$\$_RENAME	=	000000D8	G
TPT\$\$_MODIFY	=	00000080	G		TPT\$\$_REWIND	=	000000DC	G
TPT\$\$_MODIFY2	=	00000084	G		TPT\$\$_RUNDWN	=	000000E0	G
TPT\$\$_NTACC_DAP	=	00000138	G		TPT\$\$_SEARCH	=	000000E4	G
TPT\$\$_NTACC_NSP	=	0000013C	G		TPT\$\$_SEQRD	=	000000E8	G
TPT\$\$_NTCLOSE	=	00000140	G		TPT\$\$_SEQWTBD	=	000000EC	G
TPT\$\$_NTCONN	=	00000144	G		TPT\$\$_SEQWTUR	=	000000F0	G
TPT\$\$_NTCREATE	=	00000148	G		TPT\$\$_SETDDIR	=	000000F4	G
TPT\$\$_NTDAP_DEC	=	0000014C	G		TPT\$\$_SETDFPROT	=	000000F8	G
TPT\$\$_NTDAP_ENC	=	00000150	G		TPT\$\$_SETDID	=	000000FC	G
TPT\$\$_NTDAP_RCV	=	00000154	G		TPT\$\$_SPACE	=	00000100	G

```
TPTSL_STALAST = 00000104 G
TPTSL_STALL   = 00000108 G
TPTSL_STALLAL = 0000010C G
TPTSL_STALLLOCK = 00000110 G
TPTSL_TRUNCATE = 00000114 G
TPTSL_UPDATE  = 00000118 G
TPTSL_UPDATE1 = 0000011C G
TPTSL_UPDATE2 = 00000120 G
TPTSL_WAIT    = 00000124 G
TPTSL_WRITE   = 00000128 G
TPTSL_WTLST1  = 0000012C G
TPTSL_XLATLOG = 00000130 G
TPTSL_XPFN    = 00000134 G
```

! Psect synopsis !

PSECT name	Allocation	PSECT No.	Attributes
. ABS .	00000000 (0.)	00 (0.)	NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
RMSRMSO	00000028 (40.)	01 (1.)	PIC USR CON REL GBL NOSHR EXE RD NOWRT NOVEC QUAD
\$ABSS	00000000 (0.)	02 (2.)	NOPIC USR CON ABS LCL NOSHR EXE RD WRT NOVEC BYTE
_RMS\$PATCH	00000800 (2048.)	03 (3.)	NOPIC USR CON REL LCL NOSHR EXE RD NOWRT NOVEC PAGE

! Performance indicators !

Phase	Page faults	CPU Time	Elapsed Time
Initialization	29	00:00:00.10	00:00:01.20
Command processing	110	00:00:00.79	00:00:05.82
Pass 1	198	00:00:04.17	00:00:14.42
Symbol table sort	0	00:00:00.44	00:00:00.74
Pass 2	69	00:00:00.99	00:00:03.45
Symbol table output	16	00:00:00.11	00:00:00.11
Psect synopsis output	2	00:00:00.02	00:00:00.02
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	427	00:00:06.65	00:00:25.76

The working set limit was 1200 pages.
 22029 bytes (44 pages) of virtual memory were used to buffer the intermediate code.
 There were 20 pages of symbol table space allocated to hold 389 non-local and 1 local symbols.
 272 source lines were read in Pass 1, producing 20 object records in Pass 2.
 15 pages of virtual memory were used to define 14 macros.

! Macro library statistics !

Macro library name	Macros defined
-----	-----
-\$255\$DUA28:[RMS.OBJ]RMS.MLB;1	4
-\$255\$DUA28:[SYS.OBJ]LIB.MLB;1	0
-\$255\$DUA28:[SYSLIB]STARLET.MLB;2	5
TOTALS (all libraries)	9

364 GETS were required to define 9 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$:RMODUMMY/OBJ=OBJ\$:RMODUMMY MSRC\$:RMODUMMY/UPDATE=(ENH\$:RMODUMMY)+EXECMLS/LIB+LIB\$:RMS/LIB

The image displays a grid of 100 small terminal window screenshots, arranged in 10 rows and 10 columns. Each window shows a different command-line interface or data display from the VAX/VMS system. The windows are organized into several groups, each with a common title:

- RMØDIRSCH LIS**: Located in the second row, second column.
- RMØCRECOM LIS**: Located in the second row, third column.
- RMØEXTRMS LIS**: Located in the first row, fifth column.
- RMØFABCHK LIS**: Located in the second row, sixth column.
- RMØCHKSUM LIS**: Located in the third row, first column.
- RMØWASET LIS**: Located in the seventh row, eighth column.
- RMØEXTEND LIS**: Located in the eighth row, fifth column.
- RMØFSETI LIS**: Located in the eighth row, seventh column.
- RMØFSET LIS**: Located in the ninth row, sixth column.
- RMØCOMCLN LIS**: Located in the tenth row, first column.
- RMØDUMM LIS**: Located in the tenth row, fourth column.
- RMØFLFNC LIS**: Located in the tenth row, sixth column.

Other windows show various data tables, command prompts, and system status information. The text is small and difficult to read in many of the windows, but the overall layout is consistent across the grid.