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RRRRRRRRRRRR		MMM	MMM	SSSSSSSSSSSS	
RRRRRRRRRRRR		MMM	MMM	SSSSSSSSSSSS	
RRR	RRR	MMMMMM	MMMMMM	SSS	
RRR	RRR	MMMMMM	MMMMMM	SSS	
RRR	RRR	MMMMMM	MMMMMM	SSS	
RRR	RRR	MMM	MMM	MMM	SSS
RRR	RRR	MMM	MMM	MMM	SSS
RRR	RRR	MMM	MMM	MMM	SSS
RRRRRRRRRRRR		MMM	MMM	SSSSSSSSSS	
RRRRRRRRRRRR		MMM	MMM	SSSSSSSSSS	
RRRRRRRRRRRR		MMM	MMM	SSSSSSSSSS	
RRR	RRR	MMM	MMM		SSS
RRR	RRR	MMM	MMM		SSS
RRR	RRR	MMM	MMM		SSS
RRR		MMM	MMM		SSS
RRR	RRR	MMM	MMM		SSS
RRR	RRR	MMM	MMM		SSS
RRR	RRR	MMM	MMM	SSSSSSSSSSSS	
RRR	RRR	MMM	MMM	SSSSSSSSSSSS	
RRR	RRR	MMM	MMM	SSSSSSSSSSSS	

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RRRRRRR      MM      MM      SSSSSSSS      000000      DDDDDDDD      EEEEEEEEEE      LL      EEEEEEEEEE      TTTTTTTTTT
RRRRRRR      MM      MM      SSSSSSSS      000000      DDDDDDDD      EEEEEEEEEE      LL      EEEEEEEEEE      TTTTTTTTTT
RR      RR      MMMM      MMMM      SS      00      00      DD      DD      EE      LL      EE      TT
RR      RR      MMMM      MMMM      SS      00      00      DD      DD      EE      LL      EE      TT
RR      RR      MM      MM      SS      00      0000      DD      DD      EE      LL      EE      TT
RR      RR      MM      MM      SS      00      0000      DD      DD      EE      LL      EE      TT
RRRRRRR      MM      MM      SSSSSS      00      00      00      DD      DD      EEEEEEEE      LL      EEEEEEEE      TT
RRRRRRR      MM      MM      SSSSSS      00      00      00      DD      DD      EEEEEEEE      LL      EEEEEEEE      TT
RR      RR      MM      MM      SS      0000      00      DD      DD      EE      LL      EE      TT
RR      RR      MM      MM      SS      0000      00      DD      DD      EE      LL      EE      TT
RR      RR      MM      MM      SS      00      00      DD      DD      EE      LL      EE      TT
RR      RR      MM      MM      SS      00      00      DD      DD      EE      LL      EE      TT
RR      RR      MM      MM      SSSSSSSS      000000      DDDDDDDD      EEEEEEEEEE      LLLLLLLLLL      EEEEEEEEEE      TT
RR      RR      MM      MM      SSSSSSSS      000000      DDDDDDDD      EEEEEEEEEE      LLLLLLLLLL      EEEEEEEEEE      TT

```

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LL      IIIII      SSSSSSSS
LL      IIIII      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      IIIII      SSSSSSSS
LLLLLLLLLL      IIIII      SSSSSSSS

```

(3) 67
(4) 89

DECLARATIONS
RMSDELETE - COMMON \$DELETE SETUP AND DISPATCH ROUTINE

```
0000 1          $BEGIN RMSODELET,000,RM$RMS,<DISPATCH FOR DELETE OPERATION>
0000 2
0000 3
0000 4 :*****
0000 5 :*
0000 6 :*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
0000 7 :*  DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.
0000 8 :*  ALL RIGHTS RESERVED.
0000 9 :*
0000 10 :*  THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED
0000 11 :*  ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE
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0000 13 :*  COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY
0000 14 :*  OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY
0000 15 :*  TRANSFERRED.
0000 16 :*
0000 17 :*  THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE
0000 18 :*  AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT
0000 19 :*  CORPORATION.
0000 20 :*
0000 21 :*  DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS
0000 22 :*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
0000 23 :*
0000 24 :*
0000 25 :*****
0000 26 :
```

```
0000 28 :++
0000 29 :
0000 30 : Facility: rms32
0000 31 :
0000 32 : Abstract:
0000 33 :           this routine is the highest level control
0000 34 :           routine to perform the $delete function.
0000 35 :
0000 36 :
0000 37 : Environment:
0000 38 :           star processor running starlet exec.
0000 39 :
0000 40 : Author: L F LAVERDURE,           Creation Date: 8-NOV-1977
0000 41 :
0000 42 : Modified By:
0000 43 :
0000 44 :           V03-005 JWT0141           Jim Teague           11-Nov-1983
0000 45 :           Change IFB$V_RUM to IFB$V_ONLY_RU
0000 46 :
0000 47 :           V03-004 KPL0001           Peter Lieberwirth     20-Jun-1983
0000 48 :           Change some references to JNLFLG to JNLFLG2.
0000 49 :
0000 50 :           V03-003 KBT0451           Keith B. Thompson     6-Jan-1983
0000 51 :           Fix broken branch
0000 52 :
0000 53 :           V03-002 JWH0153           Jeffrey W. Horn       8-Dec-1982
0000 54 :           Don't allow $DELETE if not in recovery unit and RU only
0000 55 :           specified for file.
0000 56 :
0000 57 :           V03-001 KBT0176           Keith B. Thompson     23-Aug-1982
0000 58 :           Reorganize psects
0000 59 :
0000 60 :           V02-005 CDS0005           C Saether            11-Dec-1981
0000 61 :           Fix broken branch.
0000 62 :
0000 63 : --
0000 64 :
0000 65 :
```

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```
0000 67          .SBTTL  DECLARATIONS
0000 68
0000 69 :
0000 70 : Include Files:
0000 71 :
0000 72 :
0000 73 :
0000 74 : Macros:
0000 75 :
0000 76
0000 77          $IFBDEF
0000 78          $RMSDEF
0000 79
0000 80 :
0000 81 : Equated Symbols:
0000 82 :
0000 83 :
0000 84 :
0000 85 : Own Storage:
0000 86 :
0000 87
```

```

0000 89      .SBTTL  RMS$DELETE - COMMON $DELETE SETUP AND DISPATCH ROUTINE
0000 90
0000 91      :++
0000 92      :
0000 93      : RMS$DELETE
0000 94      :
0000 95      : RMS$DELETE - this routine performs common rab function setup followed
0000 96      : by dispatch to organization-dependent $delete code
0000 97      :
0000 98      : Calling sequence:
0000 99      :
0000 100     : entered from exec as a result of user's calling sys$delete
0000 101     : (e.g., by using the $delete macro)
0000 102     :
0000 103     : Input Parameters:
0000 104     :
0000 105     : ap      user's argument list addr
0000 106     :
0000 107     : Implicit Inputs:
0000 108     :
0000 109     : the contents of the rab and related irab and ifab.
0000 110     :
0000 111     : Output Parameters:
0000 112     :
0000 113     : r1      destroyed
0000 114     : r0      status code
0000 115     :
0000 116     : Implicit Outputs:
0000 117     :
0000 118     : various fields of the rab are filled in to reflect
0000 119     : the status of the $delete operation. (see rms functional
0000 120     : spec for a complete list.)
0000 121     :
0000 122     : the irab is similarly deleted.
0000 123     :
0000 124     : a completion ast is queued if specified in the user arglist.
0000 125     :
0000 126     : Completion Codes:
0000 127     :
0000 128     : standard rms (see functional spec for list).
0000 129     :
0000 130     : Side Effects:
0000 131     :
0000 132     : none
0000 133     :
0000 134     :--
0000 135

```

```

0000 137 $ENTRY RMS$DELETE
0000 138 $STPT DELETE
0006 139 $RABSET FAC=IFB$V_DEL,CFLG=1 ; do common setup
000A 140 .show me ; returns to user on error
000A 141
OE 00A0 CA 00 E1 000A 142 BBC #IFB$V_ONLY_RU,IFB$B_JNLFLG(R10),10$ ; branch if not RU only
08 00A2 CA 02 E0 0010 143 BBS #IFB$V_RUP,IFB$B_JNLFLG2(R10),10$ ; branch if in RU
0016 144 RMSERR NRU
0016 RMSSTS NRU,RO
0016 .IF DF RMS$ NRU
00008700 0016 .IF EQ <RMS$ NRU&^XFF00>
0016 MOVZBL #<RMS$ NRU&^XFF>,RO
50 87FC 8F 3C 0016 .IFF
0016 MOVZWL #<RMS$ NRU&^XFFFF>,RO
001B .ENDC
001B .MEXIT
001B
FFE2' 31 001B 145 BRW RM$EXRMS
001E 146
001E 147
001E 148 ;
001E 149 ; dispatch to org-dependent code
001E 150 ;
001E 151
14 6A 3E E0 001E 152 10$: BBS #IFB$V_DAP,(R10),NTDEL ; branch if network operation
0022 153 CASE TYPE=B, SRC=IFB$B_ORGCASE(R10),-
0022 154 DISPLIST=<RMS$ERRIOP,DELETE2,RMS$DELETE3>
02' 00 23 AA 8F 0022 CASEB IFB$B_ORGCASE(R10),#0,S^#<<30001$-30000$>/2>-1
0027 30000$:
0027 .IRP EP,<RMS$ERRIOP,DELETE2,RMS$DELETE3>
0027 .SIGNED_WORD EP-30000$
0027 .ENDR
FFD9' 0027 .SIGNED_WORD RMS$ERRIOP-30000$
0029
0009' 0029 .SIGNED_WORD DELETE2-30000$
002B
FFD9' 002B .SIGNED_WORD RMS$DELETE3-30000$
002D
002D 30001$:
002D
002D
FFD0' 31 002D 155 BRW RM$ERRORG ; return to user with error
0030 156
0030 157
00000000'EF 17 0030 158 DELETE2:
0030 159 JMP RMS$DELETE2 ; Out of range delete
0036 160
00000000'EF 17 0036 161 NTDEL: JMP NT$DELETE ; delete record via remote fal
003C 162
003C 163 .END

```


RMSODELET
Symbol table

DISPATCH FOR DELETE OPERATION

K 9

16-SEP-1984 01:14:17
5-SEP-1984 16:24:45

VAX/VMS Macro V04-00
[RMS.SRC]RMSODELET.MAR;1

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(5)

```

$$PSECT_EP      = 00000000
$$RMSTEST      = 0000001A
$$RMS_PBUGCHK  = 00000010
$$RMS_TBUGCHK  = 00000008
$$RMS_UMODE    = 00000004
DELETE2        = 00000030 R 01
IFB$$_JNLFLG   = 000000A0
IFB$$_JNLFLG2  = 000000A2
IFB$$_ORGCASE  = 00000023
IFB$$V_DAP     = 0000003E
IFB$$V_DEL     = 00000002
IFB$$V_ONLY_RU = 00000000
IFB$$V_RUP     = 00000002
NT$DELETE      ***** X 01
NTDEL          00000036 R X 01
PIO$A TRACE    ***** X 01
RMS$DELETE2    ***** X 01
RMS$DELETE3    ***** X 01
RMSERRIOP      ***** X 01
RMSERRORG      ***** X 01
RMS$XRMS       ***** X 01
RMSRSET        ***** X 01
RMS$DELETE     = FFFFFFFE RG 01
RMS$NRU        = 000187FC
TPT$C_DELETE   ***** X 01

```

! Psect synopsis !

PSECT name	Allocation	PSECT No.	Attributes
. ABS .	00000000 (0.)	00 (0.)	NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
RMSRMS	0000003C (60.)	01 (1.)	PIC USR CON REL GBL NOSHR EXE RD NOWRT NOVEC BYTE
\$AB\$\$	00000000 (0.)	02 (2.)	NOPIC USR CON ABS LCL NOSHR EXE RD WRT NOVEC BYTE

! Performance indicators !

Phase	Page faults	CPU Time	Elapsed Time
Initialization	35	00:00:00.05	00:00:00.65
Command processing	132	00:00:00.75	00:00:04.00
Pass 1	199	00:00:04.09	00:00:13.60
Symbol table sort	0	00:00:00.42	00:00:00.46
Pass 2	46	00:00:00.81	00:00:03.08
Symbol table output	5	00:00:00.05	00:00:00.15
Psect synopsis output	1	00:00:00.02	00:00:00.13
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	420	00:00:06.20	00:00:22.08

The working set limit was 1350 pages.
21017 bytes (42 pages) of virtual memory were used to buffer the intermediate code.
There were 20 pages of symbol table space allocated to hold 406 non-local and 3 local symbols.
163 source lines were read in Pass 1, producing 13 object records in Pass 2.
17 pages of virtual memory were used to define 16 macros.

! Macro library statistics !

Macro library name	Macros defined
-----	-----
-\$255\$DUA28:[RMS.OBJ]RMS.MLB;1	8
-\$255\$DUA28:[SYS.OBJ]LIB.MLB;1	1
-\$255\$DUA28:[SYSLIB]STARLET.MLB;2	3
TOTALS (all libraries)	12

513 GETS were required to define 12 macros.

There were no errors, warnings or information messages.

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

