

RRRRRRRRRR	MMM	MMM	SSSSSSSSSSSSSS		
RRRRRRRRRR	MMM	MMM	SSSSSSSSSSSSSS		
RRRRRRRRRR	MMM	MMM	SSSSSSSSSSSSSS		
RRR	RRR	MMMMM	MMMMM	SSS	
RRR	RRR	MMMMM	MMMMM	SSS	
RRR	RRR	MMMMM	MMMMM	SSS	
RRR	RRR	MMM	MMM	MMM	SSS
RRR	RRR	MMM	MMM	MMM	SSS
RRR	RRR	MMM	MMM	MMM	SSS
RRRRRRRRRR	MMM	MMM	SSSSSSSSSS		
RRRRRRRRRR	MMM	MMM	SSSSSSSSSS		
RRRRRRRRRR	MMM	MMM	SSSSSSSSSS		
RRR	RRR	MMM	MMM	SSS	
RRR	RRR	MMM	MMM	SSS	
RRR	RRR	MMM	MMM	SSS	
RRR	RRR	MMM	MMM	SSS	
RRR	RRR	MMM	MMM	SSS	
RRR	RRR	MMM	MMM	SSS	
RRR	RRR	MMM	MMM	SSS	
RRR	RRR	MMM	MMM	SSS	
RRR	RRR	MMM	MMM	SSS	
RRR	RRR	MMM	MMM	SSSSSSSSSSSSSS	
RRR	RRR	MMM	MMM	SSSSSSSSSSSSSS	
RRR	RRR	MMM	MMM	SSSSSSSSSSSSSS	

NT  
NT  
NT  
NT  
NT

NT  
NT  
NT  
NT  
NT  
NT  
NT  
NT  
NT  
NT  
NT  
NT  
NT  
NT  
NT  
NT  
NT  
NT  
NT  
NT  
NT  
NT  
NT  
NT

NT  
NT  
NT  
NT  
PI













```

004B 184
004B 185 :++
004B 186 :
004B 187 : RAB for $WAIT and original operation are different.
004B 188 : All set if IRAB not busy, else clear STS and cause WAIT.
004B 189 :
004B 190 :--
004B 191
14 69 20 E1 004B 192 DIFRAB: BBC #IRB$V_BUSY,(R9),SUCXIT ; branch if not busy
08 54 D6 004F 193 INCL R4 ; set flag for different RABS
08 A8 D4 0051 194 CLRL RAB$L_STS(R8) ; zero STS for WAIT
D3 11 0054 195 BRB CHKASY ; go check SYNC/ASYNC
0056 196 ; operation & STALL
0056 197
0056 198 :++
0056 199 :
0056 200 : Bad ISI value. Assume DISCONNECT has occurred.
0056 201 : Leave STS unchanged unless it is zero, in which case declare success.
0056 202 :
0056 203 :--
0056 204
50 08 A8 D0 0056 205 DISCONNECT:
8001 8F 07 13 005A 206 MOVL RAB$L_STS(R8),R0 ; get status
005C 207 BEQL SUCXIT ; branch if zero
0061 208 CMPW R0,#RMS$_STALL&^XFFFF ; did user set a weird
03 12 0061 209 ; value in here?
FF97' 31 0061 210 BNEQ EXIT ; branch if not (o.k.)
0063 211 SUCXIT: RMSSUC ; show normal success
0066 212 EXIT: BRW RMSEX_NOSTR ; no need to WAIT (already done)
0069 213
0069 214 :++
0069 215 :
0069 216 : Internal RMS problem - IRAB table pointed to an INVALID IRAB
0069 217 :
0069 218 :--
0069 219
0069 220 ERRBUG: RMSTBUG FTL$_BADIFAB
0070 221
0070 222
0070 223 .END

```

R  
V  
T  
4  
T  
4  
1  
M  
-  
-  
-  
T  
9  
T  
M



RMSOWAIT  
Symbol table

WAIT FOR AYNC OPERATION COMPLETION <sup>B 5</sup>

16-SEP-1984 01:34:48 VAX/VMS Macro V04-00  
5-SEP-1984 16:25:38 [RMS.SRC]RMSOWAIT.MAR;1

Page 6  
(6)

```

$$PSECT EP           = 00000000
$$RMSTEST           = 0000001A
$$RMS_PBUGCHK      = 00000010
$$RMS_TBUGCHK      = 00000008
$$RMS_UMODE        = 00000004
CHKASY             00000029 R    01
DIFRAB            0000004B R    01
DISCONNECT        00000056 R    01
ERRBUG           00000069 R    01
EXIT             00000066 R    01
FTLS_BADIFAB     = FFFFFFFD
IFBSB_EFN        = 0000000B
IFBSV_ASYNC      = 00000023
IMPSC_ASYEFN     = 0000001E
IMPSL_IRABTBL    = 0000001C
IRBSB_BID        = 00000008
IRBSB_EFN        = 0000000B
IRBSC_BID        = 0000000A
IRBSL_LAST_RAB  = 00000024
IRBSV_ASYNC      = 00000023
IRBSV_ASYNCWAIT = 00000024
IRBSV_BUSY       = 00000020
PIOSA_TRACE      ***** X    01
RABSL_STS        = 00000008
RMSBUG           ***** X    01
RMSENBAST        ***** X    01
RMSEX_NOSTR      ***** X    01
RMSGTIADR        ***** X    01
RMSRABCHK        ***** X    01
RMS$WAIT         = FFFFFFFE RG   01
RMS$ STALL       = 00018001
SETSTALL         0000003D R    01
SUCXIT          00000063 R    01
SYNC_STALL       00000045 R    01
SYSS$CLREF       ***** GX   01
TPTSL_WAIT       ***** 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	00000070 ( 112.)	01 ( 1.)	PIC USR CON REL GBL NOSHR EXE RD NOWRT NOVEC BYTE
SABSS	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	29	00:00:00.08	00:00:01.08
Command processing	116	00:00:00.78	00:00:04.89
Pass 1	261	00:00:07.42	00:00:20.83
Symbol table sort	0	00:00:01.00	00:00:01.94

Pass 2	53	00:00:01.32	00:00:03.76
Symbol table output	5	00:00:00.06	00:00:00.06
Psect synopsis output	1	00:00:00.02	00:00:00.02
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	467	00:00:10.68	00:00:32.58

The working set limit was 1200 pages.  
39866 bytes (78 pages) of virtual memory were used to buffer the intermediate code.  
There were 40 pages of symbol table space allocated to hold 794 non-local and 1 local symbols.  
223 source lines were read in Pass 1, producing 13 object records in Pass 2.  
23 pages of virtual memory were used to define 22 macros.

-----  
! Macro library statistics !  
-----

Macro Library name	Macros defined
-\$255\$DUA28:[RMS.OBJ]RMS.MLB;1	12
-\$255\$DUA28:[SYS.OBJ]LIB.MLB;1	1
-\$255\$DUA28:[SYSLIB]STARLET.MLB;2	5
TOTALS (all libraries)	18

926 GETS were required to define 18 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$:RMSOWAIT/OBJ=OBJ\$:RMSOWAIT MSRC\$:RMSOWAIT/UPDATE=(ENHS\$:RMSOWAIT)+EXECMLS/LIB+LIBS\$:RMS/LIB



0331 AH-BT13A-SE  
VAX/VMS V4.0

DIGITAL EQUIPMENT CORPORATION  
CONFIDENTIAL AND PROPRIETARY

