



```

SSSSSSSS  TTTTTTTTT  000000  PPPPPPPP  RRRRRRRR  EEEEEEEEE  MM  MM
SSSSSSSS  TTTTTTTTT  000000  PPPPPPPP  RRRRRRRR  EEEEEEEEE  MM  MM
SS      TT      00      00  PP      PP  RR      RR  EE      EE  MMMM  MMMM
SS      TT      00      00  PP      PP  RR      RR  EE      EE  MMMM  MMMM
SS      TT      00      00  PP      PP  RR      RR  EE      EE  MM  MM  MM
SS      TT      00      00  PP      PP  RR      RR  EE      EE  MM  MM  MM
SSSSSS  TT      00      00  PPPPPPPP  RRRRRRRR  EEEEEEEE  MM  MM  MM
SSSSSS  TT      00      00  PPPPPPPP  RRRRRRRR  EEEEEEEE  MM  MM  MM
      SS  TT      00      00  PP      RR  RR  EE      EE  MM  MM  MM
      SS  TT      00      00  PP      RR  RR  EE      EE  MM  MM  MM
      SS  TT      00      00  PP      RR  RR  EE      EE  MM  MM  MM
      SS  TT      00      00  PP      RR  RR  EE      EE  MM  MM  MM
SSSSSSSS  TT      000000  PP      RR  RR  EEEEEEEEE  MM  MM  MM
SSSSSSSS  TT      000000  PP      RR  RR  EEEEEEEEE  MM  MM  MM

```

```

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

```

```

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

```

\_3  
 Ps  
 --  
 \$S  
 NF  
 NH  
 NK  
 RM

```

0000 1 .TITLE STOPREM - Stop REMACP
0000 2 .IDENT 'V04-000'
0000 3
0000 4
0000 5 :*****
0000 6 :*
0000 7 :* COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *
0000 8 :* DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS. *
0000 9 :* ALL RIGHTS RESERVED. *
0000 10 :*
0000 11 :* THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED *
0000 12 :* ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE *
0000 13 :* INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER *
0000 14 :* COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY *
0000 15 :* OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY *
0000 16 :* TRANSFERRED. *
0000 17 :*
0000 18 :* THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE *
0000 19 :* AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT *
0000 20 :* CORPORATION. *
0000 21 :*
0000 22 :* DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS *
0000 23 :* SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL. *
0000 24 :*
0000 25 :*
0000 26 :*****
0000 27
0000 28 :++
0000 29
0000 30 : FACILITY: REMACP - REMOTE I/O ACP
0000 31
0000 32 : ABSTRACT:
0000 33
0000 34 : This program stops operation of REMACP.
0000 35
0000 36 : ENVIRONMENT:
0000 37
0000 38 : VAX/VMS, INCLUDING PRIVILEGED SYSTEM SERVICES
0000 39 : AND INTERNAL EXEC ROUTINE.
0000 40
0000 41 : AUTHOR: Scott G. Davis, CREATION DATE: 12-Oct-1979 15:31
0000 42
0000 43 : MODIFIED BY:
0000 44
0000 45 : V03-003 JLV0343 Jake VanNoy 8-APR-1984
0000 46 : Fix too-low IPL bug in calling SCH$WAKE directly.
0000 47
0000 48 : V03-002 CWH1002 CW Hobbs 24-Feb-1983
0000 49 : Modify to call the internal SCH$WAKE routine rather
0000 50 : than the $WAKE service, since the ACPPID stored in
0000 51 : the AQB is already an internal pid.
0000 52
0000 53 : V03-001 KDM0002 Kathleen D. Morse 28-Jun-1982
0000 54 : Added $PRDEF.
0000 55 :--
0000 56
0000 57

```

STOPREM  
V04-000

- Stop REMACP

L 12

16-SEP-1984 02:14:05 VAX/VMS Macro V04-00  
5-SEP-1984 02:54:22 [REM.SRC]STOPREM.MAR;1

Page 2  
(1)

	0000	58		\$AQBDEF	
	0000	59		\$IPLDEF	
	0000	60		\$PRDEF	
	0000	61			
	00000000	62		.PSECT	OWN,WRT
	0000	63			
00000071'00000000'	0000	64	start_end:	.address	STOP_REMACP,STOP_REMACP_END
	0008	65			

```

0008 67 :++
0008 68 :
0008 69 : FUNCTIONAL DESCRIPTION:
0008 70 :
0008 71 :     This routine looks up the AQB for REMACP and clears the mount count.
0008 72 :
0008 73 : CALLING SEQUENCE:
0008 74 :
0008 75 : INPUT PARAMETERS:
0008 76 :
0008 77 : SIDE EFFECTS:
0008 78 :
00000000 79 :     .PSECT INSTR,NOWRT
0000 80 :
0000 81 :--
0000 82 :
0000 83 STOP_REMACP::
0000 84     .WORD 0
0002 85     $LKWSET_S INADR = start_end ; so IPL can be raised
OC 50 E9 0013 86     BLBC R0,10$
0016 87
0016 88     $CMKRNL_S B^STARTUP ; Do in REMACP
04 0022 89 10$: RET ; Return with status
0023 90
0023 91
0000 0023 92 STARTUP:
54 00000000*GF D0 0025 93     MOVL G^SCH$GL_CURPCB,R4 ; ENTRY POINT
00000000*GF 16 002C 94     JSB G^SCH$IOLOCKW ; GET OWN PCB ADDRESS
51 00000000*GF 9E 0032 95     MOVAB G^IOCS$GL_AQLIST,R1 ; Lock the database
56 61 D0 0039 96     MOVL (R1),R6 ; GET THE LIST ADDRESS
003C 97 70$: ; GET FIRST AQB POINTER
05 15 A6 91 003C 98     CMPB AQB$B_ACPTYPE(R6),#AQB$K_REM ; IS THIS IT?
15 13 0040 99     BEQL 80$ ; IF EQL YES
56 10 A6 D0 0042 100     MOVL AQB$L_LINK(R6),R6 ; GET LINK
F4 12 0046 101     BNEQ 70$ ; If NEQ keep looking
00000000*GF 16 0048 102     JSB G^SCH$IOUNLOCK ; Unlock I/O database
50 0000*8F 3C 0051 103     SETIPL #0 ; Restore IPL
04 0056 104     MOVZWL #SS$_NONEXPR,R0 ; Couldn't find REMACP
0057 105     RET ; Go back
0057 106 80$:
OB A6 94 0057 107     CLRB AQB$B_MNTCNT(R6) ; Mark as finished
00000000*GF 16 005A 108     JSB G^SCH$IOUNLOCK ; Unlock I/O database
0060 109     SETIPL #IPL$_SYNCH ; Up IPL for call
51 OC A6 D0 0063 110     MOVL AQB$L_ACPPID(R6),R1 ; Get the internal PID
00000000*GF 16 0067 111     JSB G^SCH$WAKE ; Wake up REMACP
006D 112     SETIPL #0 ; Bring down the IPL
04 0070 113     RET ; Go back, wake status in R0
0071 114
0071 115 STOP_REMACP_END::
0071 116     .END STOP_REMACP

```

STOPREM  
Symbol table

- Stop REMACP

N 12

16-SEP-1984 02:14:05 VAX/VMS Macro V04-00  
5-SEP-1984 02:54:22 [REM.SRC]STOPREM.MAR;1

Page 4  
(1)

```

AQBSB_ACPTYPE = 00000015
AQBSB_MNTCNT  = 0000000B
AQBSK_REM     = 00000005
AQBSL_ACPPID  = 0000000C
AQBSL_LINK    = 00000010
IOCSGC_AQBLIST ***** X 03
IPLS_SYNCH    = 00000008
PRS_IPL       = 00000012
SCH$GL_CURPCB ***** X 03
SCH$IOCOCKW   ***** X 03
SCH$IOUNLOCK  ***** X 03
SCH$WAKE      ***** X 03
SS$NONEXPR    ***** X 03
STARTUP       00000023 R 03
START_END     00000000 R 02
STOP_REMACP   00000000 RG 03
STOP_REMACP_END 00000071 RG 03
SYSS$MKRNL    ***** GX 03
SYSS$LKWSET   ***** GX 03

```

-----  
! Psect synopsis !  
-----

PSECT name	Allocation	PSECT No.	Attributes
. ABS .	00000000 ( 0.)	00 ( 0.)	NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
\$ABSS	00000000 ( 0.)	01 ( 1.)	NOPIC USR CON ABS LCL NOSHR EXE RD WRT NOVEC BYTE
OWN	00000008 ( 8.)	02 ( 2.)	NOPIC USR CON REL LCL NOSHR EXE RD WRT NOVEC BYTE
INSTR	00000071 ( 113.)	03 ( 3.)	NOPIC USR CON REL LCL NOSHR EXE RD NOWRT NOVEC BYTE

-----  
! Performance indicators !  
-----

Phase	Page faults	CPU Time	Elapsed Time
Initialization	35	00:00:00.06	00:00:00.32
Command processing	132	00:00:00.68	00:00:02.46
Pass 1	150	00:00:02.01	00:00:05.83
Symbol table sort	0	00:00:00.13	00:00:00.13
Pass 2	40	00:00:00.48	00:00:00.93
Symbol table output	2	00:00:00.05	00:00:00.08
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	364	00:00:03.44	00:00:09.80

The working set limit was 1050 pages.  
8707 bytes (18 pages) of virtual memory were used to buffer the intermediate code.  
There were 10 pages of symbol table space allocated to hold 135 non-local and 3 local symbols.  
116 source lines were read in Pass 1, producing 15 object records in Pass 2.  
14 pages of virtual memory were used to define 13 macros.



