


```

RRRRRRRR      EEEEEEEEEEE  MM      MM      AAAAAA      CCCCCCCC      PPPPPPPP      DDDDDDDD      AAAAAA      TTTTTTTTTT
RRRRRRRR      EEEEEEEEEEE  MM      MM      AAAAAA      CCCCCCCC      PPPPPPPP      DDDDDDDD      AAAAAA      TTTTTTTTTT
RR      RR      EE          MMMM  MMMM  AA      AA      CC          PP      PP      DD      DD      AA      AA      TT
RR      RR      EE          MMMM  MMMM  AA      AA      CC          PP      PP      DD      DD      AA      AA      TT
RR      RR      EE          MM  MM  MM  AA      AA      CC          PP      PP      DD      DD      AA      AA      TT
RR      RR      EE          MM  MM  MM  AA      AA      CC          PP      PP      DD      DD      AA      AA      TT
RRRRRRRR      EEEEEEEEEEE  MM      MM      AAAAAA      CCCCCCCC      PPPPPPPP      DDDDDDDD      AAAAAA      TTTTTTTTTT
RRRRRRRR      EEEEEEEEEEE  MM      MM      AAAAAA      CCCCCCCC      PPPPPPPP      DDDDDDDD      AAAAAA      TTTTTTTTTT
RR  RR      EE          MM      MM      AAAAAAAAAA  CCCCCCCC      PP          DD      DD      AAAAAAAAAA  TT
RR  RR      EE          MM      MM      AAAAAAAAAA  CCCCCCCC      PP          DD      DD      AAAAAAAAAA  TT
RR      RR      EE          MM      MM      AA      AA      CC          PP          DD      DD      AA      AA      TT
RR      RR      EE          MM      MM      AA      AA      CC          PP          DD      DD      AA      AA      TT
RR      RR      EEEEEEEEEEE  MM      MM      AA      AA      CCCCCCCC      PP          DDDDDDDD      AA      AA      TT
RR      RR      EEEEEEEEEEE  MM      MM      AA      AA      CCCCCCCC      PP          DDDDDDDD      AA      AA      TT

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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
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LL      II          SS
LL      II          SS
LL      II          SS
LLLLLLLLLLL  IIIIII      SSSSSSSS
LLLLLLLLLLL  IIIIII      SSSSSSSS

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```
0000 1 .TITLE REMACPDAT - GLOBAL DATA STORAGE FOR REMACP
0000 2 .IDENT 'V04-000'
0000 3
0000 4
0000 5 :*****
0000 6 :*
0000 7 :* COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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0000 24 :*
0000 25 :*
0000 26 :*****
0000 27
0000 28 :++
0000 29 : FACILITY: REMOTE I/O ACP
0000 30
0000 31 : ABSTRACT:
0000 32 : THIS MODULE CONTAINS ALL DATA USED GLOBALLY BY REMACP.
0000 33
0000 34 : ENVIRONMENT:
0000 35 : MODE = KERNEL
0000 36 :--
```

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0000 38
0000 39 : AUTHOR:          SCOTT G. DAVIS, CREATION DATE: 06-JUL-79
0000 40 :
0000 41 : MODIFIED BY:
0000 42 :
0000 43 : V02-003 DJD2001 Darrell Duffy  5-Mar-1981
0000 44 : Allow configuration of maxlinks at initialization time.
0000 45 : RTTDRIVER calls NETDRIVER directly for IO
0000 46 :
0000 47 : V02-002 SGD2001 Scott G. Davis  23-Sep-1980
0000 48 : Remove multiple devices, ignore unknown messages

```

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0000 50
0000 51
0000 52 :
0000 53 : INCLUDE FILES
0000 54 :
0000 55 :     $REMDEF
0000 56 :
0000 57 :
0000 58 : MACROS:
0000 59 :
0000 60 :
0000 61 :
0000 62 : EQUATED SYMBOLS:
0000 63 :
0000 64 :
0000 65 :
0000 66 : OWN STORAGE:
0000 67 :
0000 68 :
00000000 69 .PSECT REM_IMPURE NOSHR,NOEXE,RD,WRT
0000 70
00000004 0000 71 REM$GL_Q_HEAD:: .BLKL ; ACP QUEUE HEAD (IN AQB)
00000008 0004 72 REM$GL_TEMPLATE:: .BLKL ; UCB template address
0000 73
0000000C 0008 74 REM$GL_UCBVEC:: .BLKL ; POINTER TO UCB VECTOR
00000010 000C 75 REM$GL_RBUFVEC:: .BLKL ; POINTER TO RBUF VECTOR
00000014 0010 76 REM$GL_RIOSBVEC:: .BLKL ; POINTER TO RIOSB VECTOR
00000018 0014 77 REM$GL_MBX_UNITS:: .BLKL ; Pointer to mailbox unit vector
0000001C 0018 78 REM$GL_CHANVEC:: .BLKL ; POINTER TO CHAN VECTOR
00000020 001C 79 REM$GL_REJ_CHAN:: .BLKL ; I/O channel for connect rejects
0020 80 ; The address is here. The channel
0020 81 ; is at the end of the channel vector
0020 82
0020 83 ;*****
0020 84 ; The channel vector and the reject channel MUST be contiguous,
0020 85 ; since the search algorithms will want to find the reject channel.
0020 86 ;*****
0020 87
00000022 0020 88 REM$GW_MBX_CHAN:: .BLKW ; Mailbox channel
0022 89 ; Max links to remote terminals
00000000 0022 90 REM$GB_MAXLINKS:: .LONG ; Long to provide for result storage
0026 91 ; of a conversion routine
0026 92
00000000 93 .PSECT REM_PURE, NOWRT, NOEXE
0000 94
0000 95 :
0000 96 ; This vector controls building the various control vectors and
0000 97 ; setting their addresses in the above storage locations.
0000 98 ; The vector table is a string of pairs: The address of the start
0000 99 ; of a vector area and the length of each element of the vector.
0000 100 :
0000 101
0000 102 REM$GT_VECTBL::
00000004 00000008' 0000 103 .LONG REM$GL_UCBVEC, 4 ; UCB addresses
00000004 0000000C' 0008 104 .LONG REM$GL_RBUFVEC, 4 ; Vector of receive buffers
00000008 00000010' 0010 105 .LONG REM$GL_RIOSBVEC, 8 ; Vector of iosbs
00000002 00000014' 0018 106 .LONG REM$GL_MBX_UNITS, 2 ; Vector of mailbox units

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00000002 00000018' 0020 107 ; *** The next item must be last since we use its end to place the
00000000 0020 108 ; *** address of the REM$GL_REJ_CHAN
0020 109 .LONG REM$GL_CHANVEC, 2 ; Vector of channels
0028 110 .LONG 0
002C 111
00000014 002C 112 REM$GL_VECSIZE:: ; Sum of items required
002C 113 .LONG 4+4+8+2+2 ; Used to compute space
0030 114 ; to obtain for all
0030 115
0030 116
0030 117
0030 118 .END
```

REMACPDAT
Symbol table

- GLOBAL DATA STORAGE FOR REMACP E 5

16-SEP-1984 02:08:47 VAX/VMS Macro V04-00
5-SEP-1984 02:53:46 [REM.SRC]REMACPDAT.MAR;1

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RE
VO

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REMSC_CURECO      = 00000001
REMSC_CURVRS      = 00000001
REMSC_LNK_READ    = 00000002
REMSC_MAXDEVS     = 0000000A
REMSC_MAXLINKS    = 00000010
REMSC_MAXUNITS    = 00000010
REMSC_MBX_READ    = 00000001
REMSC_ST_ATTRIB   = 00000002
REMSC_ST_CONFIG   = 00000001
REMSGB_MAXLINKS   00000022 RG    01
REMSGL_CHANVEC    00000018 RG    01
REMSGL_MBX_UNITS  00000014 RG    01
REMSGL_Q_HEAD     00000000 RG    01
REMSGL_RBUFVEC    0000000C RG    01
REMSGL_REJ_CHAN   0000001C RG    01
REMSGL_RIOSBVEC   00000010 RG    01
REMSGL_TEMPLATE   00000004 RG    01
REMSGL_UCBVEC     00000008 RG    01
REMSGL_VEC_SIZE   0000002C RG    02
REMSGT_VECTBL     00000000 RG    02
REMSGW_MBX_CHAN   00000020 RG    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
REM_IMPURE	00000026 (38.)	01 (1.)	NOPIC USR CON REL LCL NOSHR NOEXE RD WRT NOVEC BYTE
REM_PURE	00000030 (48.)	02 (2.)	NOPIC USR CON REL LCL NOSHR NOEXE RD NOWRT NOVEC BYTE

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

Phase	Page faults	CPU Time	Elapsed Time
Initialization	46	00:00:00.10	00:00:00.50
Command processing	162	00:00:00.78	00:00:03.11
Pass 1	99	00:00:00.51	00:00:01.46
Symbol table sort	0	00:00:00.01	00:00:00.01
Pass 2	37	00:00:00.31	00:00:00.97
Symbol table output	5	00:00:00.03	00:00:00.03
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	353	00:00:01.77	00:00:06.11

The working set limit was 1050 pages.
1516 bytes (3 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 21 non-local and 0 local symbols.
118 source lines were read in Pass 1, producing 13 object records in Pass 2.
1 page of virtual memory was used to define 1 macro.

! Macro library statistics !

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

15 GETS were required to define 1 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LISS:REMACPDAT/OBJ=OBJ\$:REMACPDAT MSRCS:REMACPDAT/UPDATE=(ENHS:REMACPDAT)+EXECMLS/LIB+LIBS:REM/LIB

0312 AH-BT13A-SE
VAX/VMS V4.0

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