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0000 1 .TITLE HLDDATA - HLD DATA STORAGE
0000 2 .IDENT 'V04-000'
0000 3
0000 4
0000 5 :*****
0000 6 :*
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0000 27 :
0000 28 :
0000 29 :++
0000 30 : FACILITY: DECNET HOST LOADER (HLD)
0000 31 :
0000 32 : ABSTRACT:
0000 33 :
0000 34 : HLD IS A COMPONENT OF DECNET-VAX. IT PROVIDES ACCESS TO
0000 35 : RSX11S TASK IMAGES STORED ON A VAX/VMS SYSTEM.
0000 36 :
0000 37 : ENVIRONMENT:
0000 38 :
0000 39 : THE HLD IMAGE EXECUTES IN THE CONTEXT OF A PROCESS CREATED BY
0000 40 : NETACP. IT RUNS IN USER MODE AND REQUIRES NETWORK PRIVILEGE.
0000 41 :
0000 42 : AUTHOR: SCOTT G. DAVIS, CREATION DATE: 11-MAY-79
0000 43 :
0000 44 : MODIFICATIONS:
0000 45 :
0000 46 :--
0000 47 :
0000 48 :
0000 49 : INCLUDE FILES:
0000 50 :
0000 51 :
0000 52 : MACROS:
0000 53 :
0000 54 : NONE
0000 55 :
00000000 56 : .PSECT HLD$PURE NOSHR,NOEXE,RD,NOWRT, LONG
0000 57 :

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0000 58 ; EQUATED SYMBOLS:
0000 59 ;
00000200 0000 60 HLD_DISK_SIZE = 512 ;
0000 61 ;
00000000 0000 62 HLD$T_TASK == 0 ; OPDATA offset to task name
00000000 0000 63 HLD$W_XFR_SIZE == 0 ; OPTDATA offset to transfer size
00000002 0000 64 HLD$B_NLUNS == 2 ; OPTDATA offset to number of luns to fix
00000004 0000 65 HLD$W_PART_ADDR == 4 ; OPDATA OFFSET TO PARTITION ADDRESS
00000006 0000 66 HLD$W_PART_SIZE == 6 ; OPDATA OFFSET TO PARTITION SIZE
00000008 0000 67 HLD$B_LUN_FLAG == 8 ; OPDATA OFFSET TO LUN-FIXING FLAG
00000009 0000 68 HLD$B_REQUEST == 9 ; OPDATA OFFSET TO REQUEST TYPE
0000000A 0000 69 HLD$L_OVL_VBN == 10 ; OVERLAY REQUEST VBN
0000 70 ;
0000 71 ; GLOBAL STORAGE:
0000 72 ;
0000 73 ; DEVICE NAME AND LOGICAL NAME DESCRIPTOR BLOCKS WITH TEXT
0000 74 ;
0000 75 ;
3A 54 45 4E 5F 00000008'010E0000' 0000 76 HLD$GQ_LNKNAM:: ; DEVICE NAME DESCRIPTOR BLOCK
0000 77 .ASCID /_NET:/ ; FOR THE LINK
000D 78 HLD$GQ_SYSNAM:: ; LOGICAL NAME DESCRIPTOR BLOCK
45 4E 24 53 59 53 00000015'010E0000' 000D 79 .ASCID /SYS$NET/ ; FOR SYS$NET
001B 80 ;
001C 81 .PSECT HLD$IMPURE NOSHR,NOEXE,RD,WRT,LONG
00000000 0000 82 ;
00000008 0000 83 HLD$GQ_NCBDESC:: .BLKQ 1 ; NCB DESCRIPTOR
00000048 0008 84 HLD$GT_NCBBUF:: .BLKB 64 ; NCB BUFFER
0000004C 0048 85 HLD$GQ_NODEDESC:: .BLKL 1 ; NODE NAME DESCRIPTOR
00000008' 004C 86 .ADDRESS HLD$GT_NCBBUF ; NODE IS IN BUFFER
00000058 0050 87 HLD$GQ_LNKIOSB:: .BLKQ 1 ; LOGICAL LINK IOSB
000000C8 0058 88 HLD$GQ_PRTBUF:: .LONG 200 ; PRINT BUFFER DESCRIPTOR
000002D0' 005C 89 .ADDRESS HLD_AB_PRTBUF
00000062 0060 90 HLD$GW_LNKCHN:: .BLKW 1 ; LOGICAL LINK CHANNEL
0000' 0062 91 HLD$GW_IOFUNC:: .WORD IOS_ACCESS ; HOLDS I/O FUNCTION - START WITH CONFIRM
0000' 0064 92 HLD$GW_SAVEFUNC:: .WORD IOS_WRITEVBLK ; HOLD NETWORK READ/WRITE FUNCTION
00000000' 0066 93 HLD$GL_IOROUT 1:: ;
00000000' 0066 94 .ADDRESS HLD$DISK_READ ; ADDRESS OF I/O ROUTINE 1
00000000' 006A 95 HLD$GL_IOROUT 2:: ;
00000000' 006A 96 .ADDRESS HLD$NET_IO ; ADDRESS OF I/O ROUTINE 2
00000000 006E 97 HLD$GL_IOPARAM1:: .LONG 0 ; HOLDS I/O P1
00000076 0072 98 HLD$GL_IOPARAM2:: .BLKL 1 ; HOLDS I/O P2
0000007A 0076 99 HLD$GT_OPER:: .BLKA 1 ; HOLDS ADDRESS OF REQUEST TYPE
0000007C 007A 100 HLD$GW_PRTLEN:: .BLKW 1 ; LENGTH OF PRINT BUFFER
0200 007C 101 HLD$GW_IOLEN:: .WORD 512 ; Length of non-overlay block transfer
00 007E 102 HLD$GB_ERRORFLG:: .BYTE 0 ; NUMBER OF ERROR MESSAGE, IF ANY
00 007F 103 HLD$GB_MAPFLAG:: .BYTE 0 ; TASK FLAG - 0=>MAP (DEFAULT)
0080 104 ; ; 1=>UNM
01 0080 105 HLD$GB_GPFLAG:: .BYTE 1 ; General purpose task flag - 1=>GP
00 0081 106 HLD$GB_LUNFLAG:: .BYTE 0 ; Lun-fixing flag
06 0082 107 HLD$AT_TSKBUF:: .BYTE 6 ; FIXED LENGTH OF TASK NAME
00000089 0083 108 .BLKB 6 ; FOR HOLDING COUNTED DECODED TASK NAME
0089 109 ;
0089 110 ;
0089 111 .ALIGN LONG ; REQUIRED FOR FABS AND RABS
008C 112 ;
008C 113 HLD$TSKFAB:: ; FAB FOR TASK FILE

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! Psect synopsis !

PSECT name	Allocation	PSECT No.	Attributes
. ABS .	00000000 (0.)	00 (0.)	NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
HLDSPURE	0000001C (28.)	01 (1.)	NOPIC USR CON REL LCL NOSHR NOEXE RD NUWRT NOVEC LONG
HLDSIMPURE	00000598 (1432.)	02 (2.)	NOPIC USR CON REL LCL NOSHR NOEXE RD WRT NOVEC LONG
\$ABSS	00000000 (0.)	03 (3.)	NOPIC USR CON ABS LCL NOSHR EXE RD WRT NOVEC BYTE
\$RMSNAM	00000020 (32.)	04 (4.)	NOPIC USR CON REL LCL NOSHR EXE RD WRT NOVEC BYTE

! Performance indicators !

Phase	Page faults	CPU Time	Elapsed Time
Initialization	35	00:00:00.08	00:00:01.23
Command processing	132	00:00:00.60	00:00:03.67
Pass 1	193	00:00:04.66	00:00:14.55
Symbol table sort	0	00:00:00.37	00:00:00.64
Pass 2	55	00:00:00.89	00:00:03.30
Symbol table output	12	00:00:00.08	00:00:00.20
Psect synopsis output	4	00:00:00.03	00:00:00.05
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	434	00:00:06.71	00:00:23.f4

The working set limit was 900 pages.
20804 bytes (41 pages) of virtual memory were used to buffer the intermediate code.
There were 20 pages of symbol table space allocated to hold 354 non-local and 0 local symbols.
160 source lines were read in Pass 1, producing 20 object records in Pass 2.
17 pages of virtual memory were used to define 12 macros.

! Macro library statistics !

Macro library name	Macros defined
\$_\$255\$DUA28:[HLD.OBJ]HLD.MLB;1	0
\$_\$255\$DUA28:[SYSLIB]STARLET.MLB;2	9
TOTALS (all libraries)	9

499 GETS were required to define 9 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$:HLDDATA/OBJ=OBJ\$:HLDDATA MSRC\$:HLDDATA/UPDATE=(ENH\$:HLDDATA)+LIB\$:HLD/LIB

