

(1) 50

DECLARATIONS

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0000 1 .TITLE HLDPRINT - HLD PRINT ROUTINES
0000 2 .IDENT 'V04-000'
0000 3
0000 4
0000 5 :*****
0000 6 :*
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0000 24 :*
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0000 26 :*****
0000 27 :
0000 28
0000 29 :++
0000 30 : FACILITY: DECNET HOST LOADER (HLD)
0000 31
0000 32 : ABSTRACT:
0000 33 :
0000 34 : THIS MODULE IS RESPONSIBLE FOR FORMATTING AND PRINTING
0000 35 : MESSAGES TO THE LOG FILE.
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: 02-JUL-79
0000 43
0000 44 : MODIFICATIONS:
0000 45 :
0000 46 : V001 SGD0002 19-Mar-1984
0000 47 : Add error message for improper connect from SLD.
0000 48 : Make sure recursive errors don't occur.
0000 49 :--
0000 50 : .SBTTL DECLARATIONS
0000 51
0000 52 :
0000 53 : INCLUDE FILES:
0000 54 :
0000 55 :
0000 56 : MACROS:
0000 57 :

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	00000182'	00C8	99	.ADDRESS	BIG_PART
	000001A9'	00CC	100	.ADDRESS	BAD_REQST
		00D0	101		
		00D0	102	NULL: .ASCIC //	; NOTHING HERE
		00D0			
6F 72 72 65 20 74 61 6D 72 6F 66 00'		00D1	103	FORMAT: .ASCIC /format error in HLD.DAT/	
54 41 44 2E 44 4C 48 20 6E 69 20 72		00DD			
		00D1			
6F 72 72 65 20 78 61 74 6E 79 73 00'		00E9	104	SYNTAX: .ASCIC /syntax error in HLD.DAT/	
54 41 44 2E 44 4C 48 20 6E 69 20 72		00F5			
		00E9			
6E 20 65 6D 61 6E 20 68 73 61 74 00'		0101	105	SEARCH: .ASCIC /task name not found/	
		010D			
		0101			
69 20 72 65 64 61 65 68 20 6F 6E 00'		0115	106	NO_HEADER: .ASCIC /no header in task file/	
65 6C 69 66 20 68 73 61 74 20 6E		0121			
		0115			
68 73 61 74 20 64 65 70 70 61 6D 00'		012C	107	NOT_4K: .ASCIC /mapped task not on 'k boundary/	
62 20 68 34 20 6E 6F 20 74 6F 6E 20		0138			
		0144			
		012C			
61 70 20 64 65 70 70 61 6D 6E 75 00'		014B	108	BAD_PART: .ASCIC /unmapped partition mismatch/	
6D 73 69 6D 20 6E 6F 69 74 69 74 72		0157			
		0163			
		014B			
69 62 20 6F 6F 74 20 65 6C 69 66 00'		0167	109	BIG_FILE: .ASCIC /file too big for partition/	
74 69 74 72 61 70 20 72 6F 66 20 67		0173			
		017F			
		0167			
74 20 6E 6F 69 74 69 74 72 61 70 00'		0182	110	BIG_PART: .ASCIC /partition too big for checkpoint space/	
63 20 72 6F 66 20 67 69 62 20 6F 6F		018E			
70 73 20 74 6E 69 6F 70 68 63 65 68		019A			
		01A6			
		0182			
6E 6F 63 20 6C 61 67 65 6C 6C 69 00'		01A9	111	BAD_REQST: .ASCIC /illegal connect request from SLD/	
74 73 65 75 71 65 72 20 74 63 65 6E		01B5			
		01C1			
		01A9			

```

00000000 113      .PSECT  HLD$CODE          NOSHR,EXE,RD,NOWRT
0000 114
0000 115 : **
0000 116 : FUNCTIONAL DESCRIPTION:
0000 117 :
0000 118 :         HLD$PRINT - FORMATS AND PRINTS A MESSAGE TO THE HLD LOG FILE.
0000 119 :         THE MESSAGE INCLUDE A NODE NAME, A TASK NAME, A
0000 120 :         REQUEST TYPE (POSSIBLY "INVALID"), AND AN ERROR
0000 121 :         INDICATION, IF ANY.
0000 122 :
0000 123 : CALLING SEQUENCE:
0000 124 :
0000 125 :         BSB/JSB HLD$PRINT
0000 126 :
0000 127 : INPUT PARAMETERS:
0000 128 :
0000 129 :         HLD$GT_OPER - ADDRESS OF OPERATION(REQUEST) TYPE MESSAGE COUNTED STRING
0000 130 :         HLD$GB_ERRORFLG - ERROR MESSAGE NUMBER OR 0
0000 131 :
0000 132 : IMPLICIT INPUTS:
0000 133 :
0000 134 :         NONE
0000 135 :
0000 136 : OUTPUT PARAMETERS:
0000 137 :
0000 138 :         NONE
0000 139 :
0000 140 : IMPLICIT OUTPUTS:
0000 141 :
0000 142 :         FORMATTED MESSAGE TO LOG FILE
0000 143 :
0000 144 : COMPLETION CODES:
0000 145 :
0000 146 :         NONE
0000 147 :
0000 148 : SIDE EFFECTS:
0000 149 :
0000 150 :         NONE
0000 151 :
0000 152 : --
0000 153 :
0000 154 HLD$PRINT::
57 00D0'CF 9E 0000 155      MOVAB  W^NULL,R7          : ASSUME NO EXTRA ERROR MESSAGE
56 0000'CF 9A 0005 156      MOVZBL W^HLD$GB_ERRORFLG,R6 : GET ERROR CODE, IF ANY
05 13 000A 157      BEQL   10$          : IF EQL NO MORE TEXT
57 0042'CF 9E 000C 158      MOVAB  W^FAILED,R7       : ERROR INTRODUCTION
0011 159 10$:
56 00A8'CF46 D0 0011 160      MOVL   W^MSG_ARRAY[R6],R6 : GET ADDRESS OF ERPOR MESSAGE
0017 161      $FAO_S  CTRSTR= W^HLD ANNOUNCE- : FORMAT MESSAGE
0017 162      OUTLEN=W^HLD$GW_PRTLEN- :
0017 163      OUTBUF=W^HLD$GQ_PRTBUF- :
0017 164      P1=    W^HLD$GT_OPER- : REQUEST TYPE
0017 165      P2=    #HLD$GQ_NODEDESC- : NODENAME
0017 166      P3=    #HLD$AT_TSKBUF- : TASKNAME
0017 167      P4=    R7- : ERROR INTRODUCTION
0017 168      P5=    R6 : ERROR MESSAGE ADDRESS, IF ANY
003E 169 :

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```
0000'CF      003E 170 ; PRINT THE MESSAGE
0000'CF      003E 171 ;
B0           003E 172      MOVW  W^HLD$GW_PRTLEN,-      ; UPDATE BUFFER SIZE IN PRINT RAB
           0042 173      W^HLD$PRTRAB+RAB$W_RSZ ;
           0045 174      $PUT  RAB=W^HLD$PRTRAB      ; OUTPUT THE RECORD
05           0050 175      RSB                               ; DONE
           0051 176
           0051 177      .END
```


SS.TMP1	=	00000001		
SS.TMP2	=	000000CF		
SSI2	=	00000008		
BAD_PART		0000014B	R	01
BAD_REQST		000001A9	R	01
BIG_FILE		00000167	R	01
BIG_PART		00000182	R	01
FAICED		00000042	R	01
FORMAT		000000D1	R	01
HLD\$AT_REQ TYPE		00000062	RG	01
HLD\$AT_TSKBUF		*****	X	02
HLD\$GB_ERRORFLG		*****	X	02
HLD\$GQ_NODEDESC		*****	X	02
HLD\$GQ_PRTBUF		*****	X	02
HLD\$GT_INVALID		00000052	RG	01
HLD\$GT_OPER		*****	X	02
HLD\$GW_PRTLEN		*****	X	02
HLD\$PRINT		00000000	RG	02
HLD\$PRTRAB		*****	X	02
HLD_ANNOUNCE		00000000	R	01
HLD_CHKREAD		00000087	R	01
HLD_CHKWRT		00000097	R	01
HLD_LOAD		0000007A	R	01
HLD_OVERLAY		00000072	R	01
MSG_ARRAY		000000A8	R	01
NOT_4K		0000012C	R	01
NO HEADER		00000115	R	01
NUCL		000000D0	R	01
RAB\$W_RSZ		*****	X	02
SEARCH		00000101	R	01
SYNTAX		000000E9	R	01
SYSSFAO		*****	X	02
SYSSPUT		*****	GX	02

! Psect synopsis !

PSECT name	Allocation	PSECT No.	Attributes										
ABS	00000000 (0.)	00 (0.)	NOPIC USR	CON	ABS	LCL	NOSHR	NOEXE	NORD	NOWRT	NOVEC	BYTE	
HLD\$PURE	000001CA (458.)	01 (1.)	NOPIC USR	CON	REL	LCL	NOSHR	NOEXE	RD	NOWRT	NOVEC	LONG	
HLD\$CODE	00000051 (81.)	02 (2.)	NOPIC USR	CON	REL	LCL	NOSHR	EXE	RD	NOWRT	NOVEC	BYTE	

! Performance indicators !

Phase	Page faults	CPU Time	Elapsed Time
Initialization	29	00:00:00.08	00:00:00.94
Command processing	109	00:00:00.59	00:00:03.55
Pass 1	127	00:00:01.15	00:00:05.65
Symbol table sort	0	00:00:00.02	00:00:00.02
Pass 2	53	00:00:00.50	00:00:01.95
Symbol table output	5	00:00:00.04	00:00:00.11
Psect synopsis output	1	00:00:00.02	00:00:00.12

Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	326	00:00:02.40	00:00:12.35

The working set limit was 900 pages.
4913 bytes (10 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 33 non-local and 1 local symbols.
177 source lines were read in Pass 1, producing 14 object records in Pass 2.
6 pages of virtual memory were used to define 4 macros.

! Macro library statistics !

Macro library name	Macros defined
-----	-----
_S255\$DUA28:[HLD.OBJ]HLD.MLB;1	0
_S255\$DUA28:[SYSLIB]STARLET.MLB;2	4
TOTALS (all libraries)	4

70 GETS were required to define 4 macros.

There were no errors, warnings or information messages.

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

The image displays a grid of 100 small technical diagrams or code snippets, arranged in 10 rows and 10 columns. Each cell contains a different diagram, many with titles such as 'INIT', 'HLOPRINT LIS', 'IMGOMPDEF SDL', 'HLDATA LIS', 'HLDMAIN LIS', 'ANALIMDMP LIS', 'IMGOMP', 'ANALIMDMP MAP', 'IMGOMP MAP', 'HLDIO LIS', 'DISPIMDMP LIS', 'HLOFILE LIS', 'HLDTASK LIS', 'WLET', and 'INITALL LIS'. The diagrams consist of various lines of text, some in bold, and some with small graphical elements like rectangles and arrows.