

HHH	HHH	LLL	DDDDDDDDDDDDDD	
HHH	HHH	LLL	DDDDDDDDDDDDDD	
HHH	HHH	LLL	DDDDDDDDDDDDDD	
HHH	HHH	LLL	DDD	DDD
HHH	HHH	LLL	DDD	DDD
HHH	HHH	LLL	DDD	DDD
HHH	HHH	LLL	DDD	DDD
HHH	HHH	LLL	DDD	DDD
HHH	HHH	LLL	DDD	DDD
HHHHHHHHHHHHHHHHHH	LLL	DDD	DDD	
HHHHHHHHHHHHHHHHHH	LLL	DDD	DDD	
HHHHHHHHHHHHHHHHHH	LLL	DDD	DDD	
HHH	HHH	LLL	DDD	DDD
HHH	HHH	LLL	DDD	DDD
HHH	HHH	LLL	DDD	DDD
HHH	HHH	LLL	DDD	DDD
HHH	HHH	LLL	DDD	DDD
HHH	HHH	LLL	DDD	DDD
HHH	HHH	LLL	DDD	DDD
HHH	HHH	LLLLLLLLLLLLLLLL	DDDDDDDDDDDDDD	
HHH	HHH	LLLLLLLLLLLLLLLL	DDDDDDDDDDDDDD	
HHH	HHH	LLLLLLLLLLLLLLLL	DDDDDDDDDDDDDD	

[illegible]


```

0000 1      .TITLE  HLDC5TA - HLD RAD50 CONVERSION
0000 2      .IDENT  'V04-000'
0000 3
0000 4
0000 5 *****
0000 6 *****
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0000 24
0000 25 *****
0000 26 *****
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-11. IT PROVIDES ACCESS TO
0000 35      RSX11S TASK IMAGES STORED ON A VAX 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: 22-MAY-79
0000 43
0000 44      MODIFICATIONS:
0000 45
0000 46      --
0000 47
0000 48      MACROS
0000 49

```



```

00000000 51      .PSECT  HLD$CODE      NOSHR,EXE,RD,NOWRT
0000 52
0000 53
0000 54      :++
0000 55      : FUNCTIONAL DESCRIPTION:
0000 56      :       HLD$C5TA CONVERTS A LONGWORD OF RAD50 TASK NAME TO 6 ASCII CHARACTERS
0000 57
0000 58      : CALLING SEQUENCE:
0000 59
0000 60      :       BSBW      HLD$C5TA
0000 61
0000 62      : INPUT PARAMETERS:
0000 63
0000 64      :       R1 CONTAINS THE ADDRESS OF RAD50 VALUE OF THE TASK NAME
0000 65
0000 66      : IMPLICIT INPUTS:
0000 67
0000 68      :       NONE
0000 69
0000 70      : OUTPUT PARAMETERS:
0000 71
0000 72      :       NONE
0000 73
0000 74      : IMPLICIT OUTPUTS:
0000 75
0000 76      :       R2,R3,R4,R10,R11 DESTROYED
0000 77      :       HLD$AT_TSKBUF IS FILLED WITH THE ASCII TASK NAME
0000 78
0000 79      : COMPLETION CODES:
0000 80
0000 81      :       NONE
0000 82
0000 83      : SIDE EFFECTS:
0000 84
0000 85      :       NONE
0000 86
0000 87      :--
0000 88
0000 89  HLD$C5TA::
53  FFFE' 5B  D4 0000 90      CLRL      R11      ; RESET HIGH ORDER DIVIDEND
      CF  9E 0002 91      MOVAB     W^HLD$AT_TSKBUF-2,R3 ; INIT TASK NAME BFR PTR
      00 10 0007 92      BSBB      CVT      ; CONVERT 1ST 3 CHARS
0009 93      ; FALL THROUGH TO CONVERT 2ND 3 CHARS
0009 94  CVT:
      5A 81 3C 0009 95      MOVZWL   (R1)+,R10      ; GET NEXT WORD (3 CHARS)
      53 06 C0 000C 96      ADDL      #6,R3      ; POINT BEYOND END OF 3 CHAR PIECE
      54 03 D0 000F 97      MOVL      #3,R4      ; SET UP TO LOOP
0012 98 10$:
52  5A 5A 28 7B 0012 99      EDIV      #^050,R10,R10,R2 ; REMAINING ENDMOST CHARACTER TO R2
      52 B5 0017 100     TSTW      R2      ; BLANK?
      10 13 0019 101     BEQL      40$      ; IF EQL YES
      1B 52 B1 001B 102     CMPW      R2,#^033 ; TEST MIDDLE OF RANGE
      08 19 001E 103     BLSS      30$      ; IF LSS ALPHA
      52 03 13 0020 104     BEQL      20$      ; IF EQL DOLLAR SIGN
      09 A0 0022 105     ADDW      #^022-^011,R2 ; ADJUST
      52 37 A2 0025 106 20$:      SUBW      #^0100-^011,R2
      52 20 A0 0028 107 30$:      ADDW      #^0100-^040,R2

```


HLDC5TA
V04-000

- HLD RAD50 CONVERSION

C 1

16-SEP-1984 01:40:10 VAX/VMS Macro V04-00
5-SEP-1984 01:28:13 [HLD.SRC]HLDC5TA.MAR;1

Page 3
(1)

52	20	A0	002B	108	40\$:	ADDW	#^040,R2	:	
73	52	90	002E	109		MOVB	R2,-(R3)	:	STORE CHAR IN BUFFER
	DE	F5	0031	110		SOBGTR	R4,10\$	:	LOOP
		05	0034	111		RSB		:	RETURN
			0035	112					
			0035	113		.END			

HLDC5TA
Symbol table

- HLD RAD50 CONVERSION

D 1

16-SEP-1984 01:40:10 VAX/VMS Macro V04-00
5-SEP-1984 01:28:13 [HLD.SRC]HLDC5TA.MAR;1

Page 4
(1)

CVT 00000009 R 01
HLD\$AT TSKBUF ***** X 01
HLD\$C5TA 00000000 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
HLD\$CODE	00000035 (53.)	01 (1.)	NOPIC USR CON REL LCL NOSHR EXE RD NOWRT NOVEC BYTE

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

Phase	Page faults	CPU Time	Elapsed Time
Initialization	48	00:00:00.11	00:00:01.27
Command processing	153	00:00:00.70	00:00:05.10
Pass 1	75	00:00:00.40	00:00:01.47
Symbol table sort	0	00:00:00.00	00:00:00.00
Pass 2	35	00:00:00.31	00:00:01.00
Symbol table output	2	00:00:00.01	00:00:00.14
Psect synopsis output	1	00:00:00.01	00:00:00.23
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	317	00:00:01.56	00:00:09.31

The working set limit was 900 pages.
1415 bytes (3 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 3 non-local and 4 local symbols.
113 source lines were read in Pass 1, producing 11 object records in Pass 2.
0 pages of virtual memory were used to define 0 macros.

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

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

0 GETS were required to define 0 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$:HLDC5TA/OBJ=OBJ\$:HLDC5TA MSRC\$:HLDC5TA/UPDATE=(ENH\$:HLDC5TA)+LIB\$:HLD/LIB

0185

AH-BT13A-SE
VAX/VMS V4.0

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