

F 1
+
-
= 0
ag

```

DDDDDDDD      SSSSSSSS  TTTTTTTTTT  DDDDDDDD      EEEEEEEEEEE  FFFFFFFFFFFF
DDDDDDDD      SSSSSSSS  TTTTTTTTTT  DDDDDDDD      EEEEEEEEEEE  FFFFFFFFFFFF
DD      DD  SS          TT          DD      DD  EE          FF
DD      DD  SS          TT          DD      DD  EE          FF
DD      DD  SS          TT          DD      DD  EE          FF
DD      DD  SS          TT          DD      DD  EE          FF
DD      DD  SSSSSS     TT          DD      DD  EEEEEEEEE  FFFFFFFFFF
DD      DD  SSSSSS     TT          DD      DD  EEEEEEEEE  FFFFFFFFFF
DD      DD          SS    TT          DD      DD  EE          FF
DD      DD          SS    TT          DD      DD  EE          FF
DD      DD          SS    TT          DD      DD  EE          FF
DD      DD          SS    TT          DD      DD  EE          FF
DDDDDDDD      SSSSSSSS  TT          DDDDDDDD      EEEEEEEEEEE  FF
DDDDDDDD      SSSSSSSS  TT          DDDDDDDD      EEEEEEEEEEE  FF

```

```

SSSSSSSS  DDDDDDDD  LL
SSSSSSSS  DDDDDDDD  LL
SS      DD      DD  LL
SS      DD      DD  LL
SS      DD      DD  LL
SS      DD      DD  LL
SSSSSS  DD      DD  LL
SSSSSS  DD      DD  LL
SS      DD      DD  LL
SS      DD      DD  LL
SS      DD      DD  LL
SS      DD      DD  LL
SSSSSSSS  DDDDDDDD  LLLLLLLLLL
SSSSSSSS  DDDDDDDD  LLLLLLLLLL

```

{++

DSTDEF.MDL
Definition of dst type DST\$K_DTYPE_CAD command mnemonics
Version 'V03-000'

```

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```

FACILITY:

ABSTRACT:

For more information on the use of the items defined in this document refer to specifications of debug symbol table entries generated by the language processors and the SRM for a description of the VAX standard descriptors.

ENVIRONMENT:

Author: Terrell Mitchell October 4, 1979

Version: V04-000

MODIFIED BY:

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{ 1-001 - Original. IM 4-Oct-1979

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en

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no

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```
( Following is the SDL definition of the mnemonics for the
( address calculation commands found in DSC$K_DTYPE_CAD
( dst records. They are processed by DEBUG32.
```

```
( The commands operate on a longword stack maintained by the debugger.
( This type of dst record is specified for items which need address
( calculation at runtime. It was originally designed for handling
( register based record items.
```

```
module $DSTDEF;
```

```
constant LOCOMMAND      equals 0  prefix DST tag $K; /* Use a K to indicate constant
constant STA_R00        equals 0  prefix DST tag $K; /* Low value for range checking
constant STA_R01        equals 1  prefix DST tag $K; /* Stack contents of R0
constant STA_R02        equals 2  prefix DST tag $K; /* Stack contents of R1
constant STA_R03        equals 3  prefix DST tag $K; /* Stack contents of R2
constant STA_R04        equals 4  prefix DST tag $K; /* Stack contents of R3
constant STA_R05        equals 5  prefix DST tag $K; /* Stack contents of R4
constant STA_R06        equals 6  prefix DST tag $K; /* Stack contents of R5
constant STA_R07        equals 7  prefix DST tag $K; /* Stack contents of R6
constant STA_R08        equals 8  prefix DST tag $K; /* Stack contents of R7
constant STA_R09        equals 9  prefix DST tag $K; /* Stack contents of R8
constant STA_R10        equals 10 prefix DST tag $K; /* Stack contents of R9
constant STA_R11        equals 11 prefix DST tag $K; /* Stack contents of R10
constant STA_R12        equals 12 prefix DST tag $K; /* Stack contents of R11
constant STA_R13        equals 13 prefix DST tag $K; /* Stack contents of R12 (AP)
constant STA_R14        equals 14 prefix DST tag $K; /* Stack contents of R13 (FP)
constant STA_R15        equals 15 prefix DST tag $K; /* Stack contents of R14 (SP)
constant STA_IMM_B      equals 16 prefix DST tag $K; /* Stack contents of R15 (PC)
constant STA_IMM_W      equals 17 prefix DST tag $K; /* Stack contents of byte operand
constant STA_IMM_L      equals 18 prefix DST tag $K; /* sign extending to longword
constant OPR_ADD         equals 19 prefix DST tag $K; /* Stack contents of word operand
constant STA_REP_B      equals 20 prefix DST tag $K; /* sign extending to longword
constant STA_REP_W      equals 21 prefix DST tag $K; /* Stack contents of longword operand
constant STA_REP_L      equals 22 prefix DST tag $K; /* Pop two operands, add
constant OPR_STOP       equals 23 prefix DST tag $K; /* stack longword result
constant HICOMMAND      equals 23 prefix DST tag $K; /* Pop top item and stack sign extended
constant STA_IMM_B      equals 20 prefix DST tag $K; /* byte at that address
constant STA_REP_W      equals 21 prefix DST tag $K; /* Pop top item and stack sign extended
constant STA_REP_L      equals 22 prefix DST tag $K; /* word at that address
constant OPR_STOP       equals 23 prefix DST tag $K; /* Pop top item and stack longword at
constant HICOMMAND      equals 23 prefix DST tag $K; /* that address
constant OPR_STOP       equals 23 prefix DST tag $K; /* Terminate command string. Longword
constant HICOMMAND      equals 23 prefix DST tag $K; /* at top of stack contains address
constant HICOMMAND      equals 23 prefix DST tag $K; /* of data item.
constant HICOMMAND      equals 23 prefix DST tag $K; /* Hi value for range checking
end_module $DSTDEF;
```

