## APPENDIX J

# SWITCH SUMMARIES

#### J.1 DSKINT Switches

| Switch     | Name                  | Example                     | Operation   |
|------------|-----------------------|-----------------------------|---|
|            |                       | ****NORMAL MODE SWITCHES*** | **  |
| /L         | List                  | <u>#</u> DPØ:/L             | Lists the contents of the BADB.SYS file at the printer for the specified RPØ3 disk.   |
| - /м       | Enter<br>MARK<br>Mode | <u>#</u> DP1:/M             | Changes DSKINT to MARK mode;<br>DSKINT indicates MARK mode<br>with * at the terminal. The<br>RPØ3 will also be initialized.   |
| /R         | Retain                | <u>#</u> DP2:/V/R           | Retains BADB.SYS file on<br>an initialized disk, and<br>includes that informa-<br>tion in the new BADB.SYS<br>file when re-initializ-<br>ing the disk.                                  |
| <b>/</b> V | Verify                | <u>#</u> DP:/V              | Verifies and zeroes an entire disk.   |
| /z         | Zero                  | <u>#</u> DP3:/Z             | Performs basic disk initialization:  a. Verify blocks Ø and  1, and any other   |
|            | •                     |                             | blocks reserved for DOS/BATCH file structure.  b. Zero the entire disk. c. Write file directories, bit maps, and BADB. SYS onto the disk. Enter [1,1] and the current UIC into the MFD. |
|            |                       | ****MARK MODE SWITCHES****  | •   |
| /D         | Done                  | <u>*</u> 65/M/D             | Causes DSKINT to leave MARK mode, but continue disk initialization; at completion, control returns to Monitor.  |

<sup>\*\*</sup>Used in the following formats: bbbbbbb/M (or U) and ccc:tt:ss/M (or U) where bbbbbb is an octal block address; and ccc, tt, and ss are octal cylinder, track, and sector addresses.

| Switch          | Name               | Example  | Operation  |
|-----------------|--------------------|--|--|
| /L              | List               | *DPØ:/L  | Lists contents of BADB.<br>SYS file at printer for<br>the specified disk.  |
| /M <sup>1</sup> | Mark               | *43/M<br>*43:32:3/M  | Directs DSKINT to enter<br>the BADB.SYS file at the<br>specified address.  |
| /U <sup>1</sup> | Unmark             | *64/U<br>*47:4:2/U<br>*73/M/U  | Deletes a specified address from the BADB.SYS file, or ignores a previously specified /M switch on a command line.   |
| *               |                    |  | e e e e e e e e e e e e e e e e e e e  |
| J.2 FILC        | OM Switches        |  |  |
| Switch          | Name               | Example  | Operation Operation  |
|                 |                    | ****LOCAL SWITCHES****   |  |
| /BL             | Blank Lines        |  | When OFF, blank lines are compared in files; when ON, blank lines are ignored during comparison.   |
| /DE             | Delete<br>Existing |  | When present, existing dataset of same name as that specified in command is deleted; when not present, deletion is not performed.  |
| /мв             | Multiple<br>Blanks |  | When present, reduces multiple blanks to a single space during comparison; when not present, multiple blanks are compared individually.  |
| /SC             | Source<br>Compare  |  | Specifies the number of consecutive lines to be compared to establish a successful comparison.   |
| /TR             | TRailing<br>Blanks |  | When ON, trailing blanks are ignored during comparison; when OFF, trailing blanks are compared.  |
|                 |                    | ****GLOBAL SWITCHES****  | ar each and a second a second and a second a second and a second a second and a second a second and a second a second and a second and a second and a second a second and a second a second a second a second a second and a second and a secon |
| /DF             | Define<br>DeFault  |  | Allows user to specify default conditions for one or more LOCAL switches.  |
|                 |                    | No. of the control of |  |

<sup>&</sup>lt;sup>1</sup>Used in the following formats: bbbbbb/M (or U) and ccc:tt:ss/M (or U) where bbbbbb is an octal block address; and ccc, tt, and ss are octal cylinder, track, and sector addresses.

| Switch | Name                 | Example | Operation  |
|--------|----------------------|---------|--|
| /IN    | INdirect<br>commands |         | Specifies dataset containing file to be read and interpreted as FILCOM commands. |
| /LO    | LOg dataset          |         | Specifies log dataset for subsequent commands.                                   |
| /LS    | LiSt dataset         |         | Specifies list dataset for subsequent commands.                                  |

## J.3 FILDMP Switches

#### \*\*\*\*INPUT SWITCHES\*\*\*\*

|        |                       |   | j.   |
|--------|-----------------------|---|--|
| Switch | Name                  | Example   | Operation  |
| /BL    | BLock "               | LP: <dt1: bl:3:7<="" td=""><td>Dumps blocks 3, 4, 5, 6, and 7 from DTl to line</td></dt1:>  | Dumps blocks 3, 4, 5, 6, and 7 from DTl to line  |
|        |                       |   | <pre>printer in octal word format.</pre>   |
| /CH    | CHain                 | KB: <dkø:file ch<="" td=""><td>Lists the numbers of the blocks which FILE occupies.</td></dkø:file>   | Lists the numbers of the blocks which FILE occupies.   |
| /FA    | Formatted<br>ASCII    | LP: <dkø:file fa<="" td=""><td>Dumps FILE to the line printer in octal word format, but reads FILE in formatted ASCII mode.</td></dkø:file>   | Dumps FILE to the line printer in octal word format, but reads FILE in formatted ASCII mode.   |
| /FB    | Formatted<br>Binary   | LP: <df:file fb<="" td=""><td>Dumps FILE to the line printer in octal word format, but reads FILE in formatted binary mode.</td></df:file>  | Dumps FILE to the line printer in octal word format, but reads FILE in formatted binary mode.  |
| none   | Unformatted<br>Binary | LP: <dfø:file ****output="" switches****<="" td=""><td>Dumps FILE to the line printer in octal word format, but reads FILE in unformatted binary mode.</td></dfø:file>              | Dumps FILE to the line printer in octal word format, but reads FILE in unformatted binary mode.                                      |
| /AS    | ASCII                 | LP:/AS <df:file< td=""><td>Reads FILE in unformat-<br/>ted binary mode and dumps<br/>to the line printer in<br/>ASCII mode; i.e., one<br/>ASCII character per byte.</td></df:file<> | Reads FILE in unformat-<br>ted binary mode and dumps<br>to the line printer in<br>ASCII mode; i.e., one<br>ASCII character per byte. |
| /вұ    | Octal<br>BYtes        | LP:/BY <dkø:file< td=""><td>Reads FILE in unformat-<br/>ted binary mode and<br/>dumps to the line prin-<br/>ter as a sequence of<br/>octal bytes.</td></dkø:file<>                  | Reads FILE in unformat-<br>ted binary mode and<br>dumps to the line prin-<br>ter as a sequence of<br>octal bytes.                    |

| Switch   | Name                 | Example  | Operation  |
|----------|----------------------|--|--|
| /0C<br>~ | Octal<br>words       | LP:/OC <df:file< td=""><td>Reads FILE in unformatted<br/>binary mode and dumps it to<br/>the line printer as a<br/>sequence of octal words.</td></df:file<>  | Reads FILE in unformatted<br>binary mode and dumps it to<br>the line printer as a<br>sequence of octal words.  |
| /RA      | Unpacked<br>Radix-5Ø | LP:/RA <dkø:file< td=""><td>Reads FILE in unformat-<br/>ted binary mode and dumps<br/>it to the line printer in<br/>unpacked Radix-50 form<br/>format, i.e., 3 charac-<br/>ters per word.</td></dkø:file<> | Reads FILE in unformat-<br>ted binary mode and dumps<br>it to the line printer in<br>unpacked Radix-50 form<br>format, i.e., 3 charac-<br>ters per word. |
| None     | Octal Words          | LP: <dkø:file< td=""><td>Same as /OC.</td></dkø:file<>   | Same as /OC.   |

## J.4 FORTRAN Switches

/AS and /LI may appear only on the output side of a FORTRAN command string. All other switches must appear only on the input side.

| Switch  | Name               | Example                 | Operation  |
|---------|--------------------|-------------------------|--|
| ·       |                    | ****QUTPUT SWITCHES**** |  |
| /AS     | Assembly<br>Output |                         | Produces assembly code.<br>output instead of an<br>object module; default<br>filename extension is<br>.PAL, not .OBJ.  |
| /LI:n , | List<br>Control    |                         | Default, n=1. n=0, lists block sum- maries only; n=1, source listing and block summaries; n=2, assembly code, source listing, and block summaries; n=3, symbol table, as- sembly code, source listing, and block |
|         |                    |                         | summaries.   |
|         |                    | ****INPUT SWITCHES****  |  |
| /CK     | Check Bounds       |                         | Checks all array sub-<br>scripts for <u>upper</u> bound,<br>as dimensioned in pro-<br>gram.  |
| /CO:n   | Continuation       |                         | Sets maximum allowable continuation lines; $\emptyset \le n \le 99$ ; default, n=5.  |

| Switch | Name Example             | Operation   |
|--------|--------------------------|---|
| /ER    | Special Error<br>Listing | Prints special advisory diagnostics (S codes) on questionable or certain non-ANSI statements.                                     |
| /GO    | Go                       | Calls LINK after compila-   |
|        |                          | tion for compile-load-<br>go; any F error during<br>compilation aborts this<br>action and gives the<br>message EXECUTION DELETED. |
| /ON    | One                      | Allocates one storage   |
|        |                          | word (instead of two) for all integer and logi- cal variables. (PDP-11 FORTRAN integers have                                      |
|        |                          | only one word of precision, even if two are   |
|        |                          | allocated.) Use this switch carefully relative to EQUIVALENCE statements.   |
| /OP:n  | Optimization             | Generates code for the most efficient hardware use; default, n=1.   |
|        |                          | n=Ø, no optimization; use with TRACE.   |
|        |                          | n=1, optimizes integer<br>add and subtract  |
|        |                          | operations, and array references.   |
|        |                          | <pre>n=2, optimizes integer   add, subtract, mul-   tiply, and divide   operations (requires</pre>                                |
|        |                          | PDP-11/10, or PDP-<br>11/20 with Extended   |
|        |                          | Arithmetic Element,<br>or PDP-11/40 with Ex-  |
|        |                          | tended Instruction<br>Set, or PDP-11/45).   |
|        |                          | n=3, optimizes floating-<br>point arithmetic  |
|        |                          | operations (requi-<br>res PDP-11/45 with  |
|        |                          | Floating-point Pro-<br>cessor), and inte-   |
|        |                          | ger operations.   |

Suppresses statement sequence numbers; saves two storage words per statement. Run-time error messages identify subroutine but not line number.

ger operations.

/SU

Suppress

#### J.5 LIBR Switches

| Switch         | Name           | Example  | Operation  |
|----------------|----------------|--|--|
| /D<br>/D:vl:vn | Delete         | #DT1:LIBR.1 <dt2:libr.ø d:m1:m2<="" td=""><td>Deletes one or more object modules (vlvn) from the input library; do not use with /I or /R.</td></dt2:libr.ø>  | Deletes one or more object modules (vlvn) from the input library; do not use with /I or /R.  |
| /I<br>/I:v     | Insert         |  | :2,FIL.2/I Inserts one or more object modules into the input library; v is a decimal integer relative to the input library; modules are inserted starting at position v, |
| /LO            | List<br>Object |  | otherwise they are appended to the end of the input library.  Produces an object mod-  |
|                | Module         |  | ule listing to compare against an input library directory listing.   |
| /R             | Replace        | #DT1:LIBR.1 <dt2:libr.ø,fil.1 r<="" td=""><td>Replaces one or more object modules in the input library; the object modules must have the same name as the ones they replace.</td></dt2:libr.ø,fil.1> | Replaces one or more object modules in the input library; the object modules must have the same name as the ones they replace.   |

#### J.6 LINK Switches

LINK switches comprise three groups: input, map and load module output. The input switches are B, CC, E, EX, GO, IN, L MP, O, OD, T, and TR; the map switches are CR, LG, and SH; and the load module output switches are CO and SQ.

Any extraneous value assigned to a switch is ignored. No switch except /OD should appear alone in an input specification; i.e., /E is illegal, but filename /E is legal.

| Switch | Name   | Example                | <u>Operation</u>   |
|--------|--------|------------------------|--|
|        |        | ****INPUT SWITCHES**** |  |
| /B:n   | Bottom |                        | Controls placement or relocation of object program; n=unsigned octal number that defines the bottom address of the object program. |

|   | <i>j</i>      |               |  | ·  |
|---|---------------|---------------|--|--|
|   |               |               |  |  |
|   | Switch        | Name          | Example  | Operation  |
|   | /cc           | Concatenate   |  | Indicates that a file is                           |
|   | ,             | -             |  | a concatenation of sev-                            |
|   |               |               |  | eral files.  |
|   | /E            | End           | S. Carlotte and Ca | Indicates end of input;                            |
|   |               |               |  | should appear with last input file; should not     |
|   |               | •             |  | be used with /GO.                                  |
|   | /EX:xxxxxx    | Exclude       | LIBRY/IN:ABC/EX:QKQ  | Excludes specified li-                             |
|   | / LA · AAAAAA | Lactude       | DIDNIT, INVIDO, DITEN  | brary modules on library                           |
|   |               |               |  | files; no effect if specified for nonlibrary       |
|   |               |               |  | files.   |
|   | (30           | a-            |  | Indicates end of input,                            |
|   | /GO           | Go            |  | and, after linking, the                            |
|   |               |               |  | loading and execution of                           |
|   |               | •             |  | the load module; should appear with the last in-   |
|   |               |               |  | put file, and should not                           |
|   |               | •             |  | be used with /E.                                   |
|   | /IN:xxxxxx    | Include       | FTNLIB/IN: \$PSHØl   | Includes specified li-                             |
|   |               |               |  | brary modules on library                           |
|   |               |               |  | files; no effect if specified for nonlibrary       |
|   |               |               |  | files.   |
|   | /L            | Library       |  | Indicates that an input                            |
|   | ,             |               |  | file is a library; not                             |
|   |               | v             |  | needed for correct li-<br>brary functioning with   |
|   |               |               |  | LINK; provides compati-                            |
|   |               |               |  | bility with old linker.                            |
|   | /MP           | Overlay Map-  |  | Specifies the associated                           |
|   | •             | ping Descrip- |  | file as an ASCII overlay                           |
|   |               | tion          |  | description; no other input files, values, or      |
|   |               |               |  | switches (other than /E                            |
|   |               |               |  | are allowed in a command string with this switch.  |
|   |               |               |  |  |
|   | /0            | Option        |  | Specifies that LINK op-<br>tions are required; re- |
|   | •             |               |  | places /E.   |
|   | (OD           | ODT           | SY:DEBUG.LDA <sy:odt.obj[1,1] od<="" td=""><td>Links ODT with user's</td></sy:odt.obj[1,1]>  | Links ODT with user's                              |
|   | /OD           | ODI S         | 51.525000.15A 51.051.050 (1,1]/UD  | object modules; identi-                            |
|   |               |               |  | fies associated input file as ODT for transfer     |
|   |               |               |  | addresses. Example shows                           |
| • | •             |               |  | equivalent of \(^/\text{OD}\) appear-              |
|   |               | •             |  | ing alone as an input file.                        |
|   |               |               |  |  |
|   |               |               |  |  |
|   |               | •             |  |  |
|   | -             |               |  |  |
|   |               |               | J-7  |  |
|   |               |               |  |  |
|   |               |               |  |  |
|   |               |               |  |  |
|   |               |               |  |  |

| Switch                     | Name                         | Example                          | Operation   |
|----------------------------|------------------------------|----------------------------------|---|
| /T:n                       | Top                          |                                  | Controls placement or re-<br>location of object pro-<br>gram; n-unsigned octal<br>number that defines ad-<br>dress of object program;<br>default=top of available<br>core.  |
| /TR<br>/TR:n<br>/TR:xxxxxx | Transfer<br>Address          |                                  | Without a value, directs LINK to take the trans- fer address (even or odd) of the first object mod- ule in the associated file as the transfer ad- dress of the load module. With n, uses value of n as transfer address of load module. With xxxxxx (global symbol), uses value of symbol as trans- fer address of load mod- ule. (If xxxxxx does not exist, transfer ad- dress=1 and an error message is issued.) |
|                            |                              | ****MAP SWITCHES****             |   |
| /CR                        | Global<br>Cross<br>Reference |                                  | Produces global cross-<br>reference table on map<br>listing device.   |
| /LG                        | Long Map                     |                                  | Produces long map form on specified map file; includes entry points, globals, and externals referenced by the module.   |
| /SH                        | Short Map                    |                                  | Produces short map on specified map file; includes only heading, program size description, and section allocation synopsis.   |
|                            | ***                          | **LOAD MODULE OUTPUT SWITCHES*** | **  |
| /CO<br>/CO:n               | Contiguous<br>Output         |                                  | Specifies load module output file in contiguous format; required with overlaid programs.  |
|                            |                              |                                  | Using n (n=multiple of 64) generates a contiguous file for another device whose blocksize does not equal the blocksize of the current output device.  |

| Switch | Name                             | Example | Operation   |
|--------|----------------------------------|---------|---|
| /sQ    | Program<br>Section<br>Sequencing |         | Stores program sections (.PSECT, .CSECT) in the order encountered by LINK, instead of alphabetically. |

## J.7 MACRO Switches

Switch options specified on the output side apply to both the object and listing files. Switch options specified on the input side apply to the file that precedes the switch and all subsequent files.

| Switch   | Name                | Example  | Operation   |
|----------|---------------------|--|---|
| /LI      | List                | #OBJFIL,LP:/LI <dt1:abc< td=""><td>Lists any source code normally suppressed.</td></dt1:abc<>  | Lists any source code normally suppressed.  |
| /LI:arg  | List                | #OBJFIL,KB/LI:SRC <df:srcfil< td=""><td>Formats the assembly listing to the argument specified.</td></df:srcfil<>  | Formats the assembly listing to the argument specified.   |
| /NL      | Nolist              | #OBJFIL,SYM/NL <abc< td=""><td>Suppresses assembly listing.</td></abc<>  | Suppresses assembly listing.  |
| /NL:arg  | Nolist              | #OBJFIL,KB:/NL:BEX:COM<  | Deletes the portion of<br>the listing indicated by<br>the argument.   |
| /EN:arg  | Enable              |  | Overrides any arguments specified on a .ENABL directive.  |
| /DS:arg  | Disable             |  | Overrides any arguments specified on a .DSABL directive.  |
| /CRF     | Cross-<br>Reference | #,LP:/CRF <file1,file2< td=""><td>Calls CREF immediately after assembly; prints both assembly and CREF listing at line printer</td></file1,file2<>   | Calls CREF immediately after assembly; prints both assembly and CREF listing at line printer                                      |
| /CRF:arg | Cross-<br>Reference | #,LP:/CRF:NG <file1,file2< td=""><td>Postpones CREF action;<br/>prints only assembly<br/>listing and saves CREF<br/>listing creates FILE2.CRF<br/>containing CREF listing.</td></file1,file2<> | Postpones CREF action;<br>prints only assembly<br>listing and saves CREF<br>listing creates FILE2.CRF<br>containing CREF listing. |
| /PA:1    | Pass 1              |  | Assembles file during pass 1 only.  |
| /PA:2    | Pass 2              |  | Assembles file during pass 2 only.  |

## J.8 PIP Switches

| Switch | Name                    | Example   | Operation   |
|--------|-------------------------|---|---|
| /AL    | Allocate                | #DF:FILE/AL:1Ø  | 640 (10 x 64) contiguous words of file storage is allocated on disk.  |
| /BR    | Brief<br>Directory      | <u>#</u> DTØ:/BR  | Lists all filenames and extensions in directory for DECtape $\emptyset$ on the user's teleprinter.  |
| /CK    | Checksum                | #DT:/DI/CK  | Adds checksum information to each line of directory listings.   |
| /co    | Contiguous              | #DTØ: <abc co<="" td=""><td>Transfers file ABC as contiguous file from system disk to DECtape Ø.</td></abc>   | Transfers file ABC as contiguous file from system disk to DECtape Ø.  |
| ,      |                         | #DTØ:AD/CO <abc,def< td=""><td>Merges files ABC and DEF (on system disk) as one contiguous file on DEC-tape <math>\emptyset</math>.</td></abc,def<> | Merges files ABC and DEF (on system disk) as one contiguous file on DEC-tape $\emptyset$ .  |
| /DE    | Delete                  | #MAIN/DE  | Deletes file MAIN from system disk.   |
|        |                         | #DTØ:ABC,DT1:DEF/DE   | Deletes files ABC and DEF from DECtapes Ø and l respectively.   |
| /DI    | Directory               | #DTØ:/DI  | Lists all filenames, ex-<br>tensions, size, creation<br>date, and protection<br>codes in directory for<br>DECtape Ø onto the user's<br>teleprinter. |
| /EN    | Enter                   | #DF:/EN   | Enters current user's UIC in MFD on the specified disk (device).  |
| /FA    | Formatted<br>ASCII      | #LP:/FA <dtø:abc< td=""><td>Copies file ABC from DEC-<br/>tape Ø to line printer<br/>in formatted ASCII mode.</td></dtø:abc<>                       | Copies file ABC from DEC-<br>tape Ø to line printer<br>in formatted ASCII mode.   |
| /FB    | Formatted<br>Binary     | #DTØ: <abc fb<="" td=""><td>Copies file ABC from system disk to DECtape <math>\emptyset</math> in formatted binary mode.</td></abc>                 | Copies file ABC from system disk to DECtape $\emptyset$ in formatted binary mode.   |
| /FC    | Fast Copy               | <u>#DTl:<dt2: fc<="" u=""></dt2:></u>   | Data on DECtape #2 is fast copied onto DECtape #1.  |
| /FC/VE | Fast Copy<br>and Verify | <u>#</u> DT1: <dt2: fc="" td="" ve<=""><td>Data on DECtape #2 is<br/>fast copied and verified<br/>onto DECtape #1.</td></dt2:>                      | Data on DECtape #2 is<br>fast copied and verified<br>onto DECtape #1.   |
| /FR    | Free                    | #DTl:/FR  | Lists the number of free blocks remaining on DEC-tape unit 1.   |

| Switch | Name                  | Example   | Operation   |
|--------|-----------------------|---|---|
| /IN    | Inspect               | <u>#</u> *.*/DE/IN  | Used in conjunction with file transfers and /SU, /DE, and /RE switches. Allows user to selectively perform the primary function. (User gives Y to perform action on the displayed file or types the RETURN key to leave |
|        | •                     |   | file intact.)   |
| /PR    | Protect               | #ABC/PR:355   | Change protection code of system disk file ABC to 355.  |
| /RE    | Rename                | #ABC/RE <def< td=""><td>Rename file DEF to ABC.</td></def<>   | Rename file DEF to ABC.   |
|        |                       | #DTØ:GHI/RE <dtø:jkl< td=""><td>Rename DECtape <math>\emptyset</math> file JKL to GHI.</td></dtø:jkl<>  | Rename DECtape $\emptyset$ file JKL to GHI.   |
| /RU    | Rewind and<br>Unload  | #MTl:/RU  | Causes the tape on mag-<br>tape unit #1 to be wound<br>back on its reel and the<br>unit to be switched off-<br>line.  |
| /RW    | Rewind                | #MTl:/RW  | Causes the tape on mag-<br>tape unit #1 to be wound<br>back on its reel. The<br>unit can still be address-<br>ed.   |
| /su    | Supersede             | #dev: <devl:a,b,c su<="" td=""><td>Causes files on the input<br/>side (DEV1) to replace<br/>files of the same name<br/>which may already be on<br/>the output device (dev).</td></devl:a,b,c> | Causes files on the input<br>side (DEV1) to replace<br>files of the same name<br>which may already be on<br>the output device (dev).  |
| /UA    | Unformatted<br>ASCII  | #LP:/UA <dtø:abc< td=""><td>Copies file ABC from DECtape <math>\emptyset</math> to line printer in unformatted ASCII mode.</td></dtø:abc<>  | Copies file ABC from DECtape $\emptyset$ to line printer in unformatted ASCII mode.   |
| /UB    | Unformatted<br>Binary | #DTØ: <abc td="" ub<=""><td>Copies file ABC from system disk to DECtape <math>\emptyset</math> in unformatted binary mode.</td></abc>   | Copies file ABC from system disk to DECtape $\emptyset$ in unformatted binary mode.   |
| /UN    | Unlock                | #DF:FILE.OLD/UN   | Unlocks FILE.OLD after a system failure so that FILE.OLD can be accessed.   |
| /VE    | Verify                | <u>#</u> DT1: <dt2: td="" ve<=""><td>Data on DECtape #1 and DECtape #2 are compared block-by-block; disagreements are shown by printing block and word numbers at the console.</td></dt2:>    | Data on DECtape #1 and DECtape #2 are compared block-by-block; disagreements are shown by printing block and word numbers at the console.   |
| /VW    | Verified<br>Write     | #CT:VW <ctl:file.mac< td=""><td>Verify a write opera-<br/>tion by reading it after<br/>writing it.</td></ctl:file.mac<>   | Verify a write opera-<br>tion by reading it after<br>writing it.  |
| /ZE    | Zero                  | #DTØ:/ZE  | Erases all files from directory of DECtape Ø by initializing the file structure.  |
|        |                       |   | •   |

#### J.9 ROLLIN SWITCHES

| Switch        | Name       | Example       | Operation  |
|---------------|------------|---------------|--|
| /BO:dev       | Bootstrap  | #_/BO:DK      | Bootstraps DOS/BATCH; loads the first 256 words of core from the specified device and branches to location $\emptyset$ .   |
| /DA:dd-mmm-yy | Date       | #/DA:1-FEB-74 | Enters specified date in FILE LABEL on magtape.  |
| /FI           | Find       |               | Magtape use only: when reading, /FI rewinds the tape and searches for the specified file; when dumping, /FI skips all previously written files.  |
| /FO           | Format     |               | Used on the output side of a transfer command string to format a DECpack cartridge on an RKØ3/Ø5 disk drive, or a disk pack on an RP11-C/RPØ3 disk drive before the transfer operation begins. |
| /не           | Help       |               | Types a brief explanation of ROLLIN options on the console.  |
| /NO           | Nolabel    |               | When dumping disk to DECtape this switch inhibits the REEL LABEL from being written.   |
| /NU:n         | Number     |               | n specifies the total number of units<br>of disk space to transfer; a unit is<br>lK processor words (K=1Ø24); n may<br>assume a maximum value as shown here.                                   |
|               |            |               | RC11 64<br>RF11 256<br>RKØ3/Ø5 12ØØ<br>RPØ3 2ØØØØ  |
| /PL:n         | Platters   |               | With RF11 and RC11 disks only, n is<br>the number of disk platters to load or<br>dump; default, n=1.   |
| /RW           | Rewind     |               | Rewinds magtape before reading or writing.   |
| /SK:n         | Skip       |               | Skips past n end-of-file marks before starting to read or write on magtape.  |
| /TR:n         | Track      |               | n specifies the unit of disk space at which to begin a transfer operation; see /NU for values n may assume; default, n=0.  |
| /VE           | Verify     | -             | Used in image copy operations to ensure a correct and readable copy.   |
| /WL           | Write Lock |               | Used with a DECpack device designator to force a write lock on an input drive unit.  |