**TITLE DIRECTORY OPERATION DESCRIPTIONS**

- **L.NAM** EQU 5  
  - (L.NAME = 8) = MAXIMUM NUMBER OF CHARACTERS IN A NAME

- **L.SHIP** EQU 11  
  - MAXIMUM NUMBER OF LEVELS IN A LLD-FILE

**OPGROUP**  

- **DBUG** ACTION 0  
  - ENDACT

- **OPEN A DIRECTORY**  
  - **OPDR** ACTION 1  
    - **DIRECT** CAP ENDACT

- **CLOSE A DIRECTORY**  
  - **CLUD** ACTION 1  
    - **DIRECT** CAP ENDACT

**REGULAR ASSOCIATIVE ACCESS**  

- **UACC** ACTION 3  
  - **DIRECT** CAP NAME KEY CAP ENDACT

- **ACCESS VIA THE SCAN LIST**  
  - **ASCL** ACTION 2  
    - **SCAN** CAP NAME ENDACT

**CREATE A DISK FILE [NON-S3ATCH]**  

- **CRFI** ACTION 3  
  - **DIRECT** CAP ENDACT
* CREATE A DIRECTORY [NON-SCRATCH]

**CRDR**
**ACTION** 4

**DIRCT**  CAP  CA::DRCT,OA::CRDR
**NAME**  BLKD  L::NAME
**SIZE**  DAT  L::NAME
**ACBLK**  DAT  ENDACT

* CREATE A HARDLINK DIRECTORY ENTRY

**HDLK**
**ACTION** 3

**DIRCT**  CAP  CA::DRCT,OA::CRLK
**NAME**  BLKD  L::NAME
**DOBJ**  ANYC  0
**ENDACT**

* CREATE A SOFTLINK DIRECTORY ENTRY

**SFLK**
**ACTION** 5

**DIRCT**  CAP  CA::DRCT,OA::CRLK
**NAME**  BLKD  L::NAME
**DIR2**  CAP  CA::DRCT,OA::CRLK
**NAME2**  BLKD  L::NAME
**KEY2**  CAP  CA::ACKY
**ENDACT**

* REMOVE AN OWNERSHIP ENTRY

**RMME**
**ACTION** 3

**DIRCT**  CAP  CA::DRCT
**NAME**  BLKD  L::NAME
**KEY**  CAP  CA::ACKY

* REMOVE A LINK ENTRY

**RMLK**
**ACTION** 2

**DIRCT**  CAP  CA::DRCT,OA::DLE
**NAME**  BLKD  L::NAME
* CHANGE THE NAME OF AN ENTRY
CHNM  ACTION  3
DIRCT  CAP     CA*DRCT,OR*CHNM
NAME   RLKD    L.NAME
NWNAM  RLKD    L.NAME
ENDACT

* ADD AN ACCESS-PAIR TO AN ACCESS-LIST
ADPR  ACTION  5
DIRCT  CAP     CA*DRCT,OR*ADPR
NAME   RLKD    L.NAME
KEY    CAP     CA*ACKY,OR
NWKNY  DAT     CA*ACKY,OR
OPTS   DAT     ** OPTIONS
ENDACT

* DELETE AN ACCESS-PAIR FROM AN ACCESS-LIST
DLPR  ACTION  3
DIRCT  CAP     CA*DRCT,OR*DLPR
NAME   RLKD    L.NAME
KEYNO  DAT     ** KEY NUMBER OF PAIR TO DELETE
ENDACT

* SET SUCCESSOR LINK
SSUL  ACTION  2
DIRCT  CAP     CA*DRCT,OR*SSUL
SUCCD  CAP     CA*DRCT
ENDACT

* CLEAR SUCCESSOR LINK
CSUL  ACTION  1
DIRCT  CAP     CA*DRCT,OR*CSUL
ENDACT

* DISPLAY THE N-TH ENTRY OF A DIRECTORY
DSPN  ACTION  2
DIRCT  CAP     CA*DRCT
NUMB  DAT     Numb
* GET N-TH OWNED LLDOBJECT AS A DISK FILE [FOR DUMP/RECOVER]
  GNOO  ACTION  2
  DIRE  CAP  CA+DSKF
  NUMB  DAT  ENDACT

* GET N-TH OWNED DIRECTORY [FOR DUMP/RECOVER]
  GNOO  ACTION  2
  DIRE  CAP  CA+DSKF
  NUMB  DAT  ENDACT

* GET N-TH LLDOBJECT SPECIFIER [FOR LOAD]
  GNS  ACTION  2
  DIRE  CAP  CA+DSKF
  NUMB  DAT  ENDACT

* REPLACE N-TH LLDOBJECT SPECIFIER [FOR LOAD]
  RNS  ACTION  3
  DIRE  CAP  CA+DSKF
  NUMB  DAT  ENDACT
  OBSPC  DAT  ENDACT

* DISPLAY DIRECTORY ACCOUNTING BLOCK NUMBER
  DABN  ACTION  1
  DIRE  CAP  CA+DSKF
  ENDACT

* CREATE A STATIC NAME TAG
  CRSN  ACTION  0
  ENDACT
* DESTROY A STATIC NAME TAG

<table>
<thead>
<tr>
<th>DSSN</th>
<th>ACTION 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>STNT</td>
<td>CAP</td>
</tr>
<tr>
<td></td>
<td>END ACT</td>
</tr>
<tr>
<td></td>
<td>CA<em>STNT,NG</em>DSTRY</td>
</tr>
</tbody>
</table>

* OPEN A STATIC NAME TAG WITH AN ACCOMPANYING OBJECT

<table>
<thead>
<tr>
<th>OSN1</th>
<th>ACTION 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>STNT</td>
<td>CAP</td>
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<tr>
<td>OBJ</td>
<td>ANYC</td>
</tr>
<tr>
<td></td>
<td>END ACT</td>
</tr>
<tr>
<td></td>
<td>CA*STNT,OB,UP</td>
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* OPEN A STATIC NAME TAG WITHOUT AN ACCOMPANYING OBJECT

<table>
<thead>
<tr>
<th>OSN2</th>
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<tbody>
<tr>
<td>STNT</td>
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<tr>
<td>OBJ</td>
<td>ANYC</td>
</tr>
<tr>
<td></td>
<td>END ACT</td>
</tr>
<tr>
<td></td>
<td>CA*STNT,OB,OB</td>
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</tbody>
</table>

* CREATE A DYNAMIC NAME TAG

<table>
<thead>
<tr>
<th>CRON</th>
<th>ACTION 0</th>
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<tbody>
<tr>
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<td>END ACT</td>
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* OPEN A DYNAMIC NAME TAG WITH AN ACCOMPANYING OBJECT

<table>
<thead>
<tr>
<th>ODN1</th>
<th>ACTION 2</th>
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</thead>
<tbody>
<tr>
<td>DYN/</td>
<td>CAP</td>
</tr>
<tr>
<td>OBJ</td>
<td>ANYC</td>
</tr>
<tr>
<td></td>
<td>END ACT</td>
</tr>
<tr>
<td></td>
<td>CA*DYN,OB,OB</td>
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* OPEN A DYNAMIC NAME TAG WITHOUT AN ACCOMPANYING OBJECT

<table>
<thead>
<tr>
<th>ODN2</th>
<th>ACTION 1</th>
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</thead>
<tbody>
<tr>
<td>DYN/</td>
<td>CAP</td>
</tr>
<tr>
<td>OBJ</td>
<td>ANYC</td>
</tr>
<tr>
<td></td>
<td>END ACT</td>
</tr>
<tr>
<td></td>
<td>CA*DYN,OB,OB</td>
</tr>
</tbody>
</table>

* CLOSE A DYNAMIC NAME TAG

<table>
<thead>
<tr>
<th>OLDN</th>
<th>ACTION 1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>END ACT</td>
</tr>
</tbody>
</table>
* CLOSE ALL (UNWEDGED) LOCAL'LY OPENED DYNAMIC NAME TAGS

CLAD ACTION 0

ENDACT

OPGROUP AK1

* CREATE AN ACCESS KEY

CRK ACTION 0

ENDACT

OPGROUP DRI

* RETURN AND RESET DIRECTOY SYSTEM ELAPSED TIME CLOCKS

CLKS ACTION 0

ENDACT

* CREATE A DISK FILE OWNERSHIP ENTRY, SCRATCH

SCDF ACTION 5

DIRECT CAP CA(DIRECTOR*CREFL
NAME BLKD L1NAME
SHP BLKD L1SHP
KN1 DAT
OPT1 DAT
ENDACT

* CREATE A DIRECTORY OWNERSHIP ENTRY, SCRATCH

SCDR ACTION 6

DIRECT CAP CA(DIRECTOR*CRDR
NAME BLKD L1NAME
SIZE DAT
ACBLK DAT
KN2 DAT
OPT2 DAT
ENDACT

* DESTROY LLD-IMPLEMENTED PROJECT (FILE* DIRECT**, SUBP* DESC*)
<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSTR</td>
<td>ACTION 1</td>
</tr>
<tr>
<td>FOBJ</td>
<td>ANYC ENACT 0BDSTV</td>
</tr>
<tr>
<td>OPGROUP</td>
<td>SD!</td>
</tr>
</tbody>
</table>

* MAKE A SUBPROCESS DESCRİPTİON CAPABILITY FROM A DIRECTORY CAPABILITY

<table>
<thead>
<tr>
<th>Make</th>
<th>ACTION 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>DİRCT</td>
<td>CAP CA•DRCT ENACT</td>
</tr>
</tbody>
</table>

* CONVERT SUBPROCESS DESCRIPTION CAPABILITY INTO DIRECTORY CAPABILITY

<table>
<thead>
<tr>
<th>Conv</th>
<th>ACTION 1</th>
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</thead>
<tbody>
<tr>
<td>SRPD</td>
<td>CAP CA•SRPD ENACT</td>
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</table>

<table>
<thead>
<tr>
<th>OPGROUP</th>
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</thead>
</table>

* CLOSE ALL (WEDGED OR NOT) LOCALLY OPEN DYNAMIC NAME TAGS

<table>
<thead>
<tr>
<th>Claw</th>
<th>ACTION 0</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ENACT</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>OPGROUP</th>
<th>DA!</th>
</tr>
</thead>
</table>

* MOVE DISK SPACE BETWEEN DISK ACCOUNTİNG BLOCKS

<table>
<thead>
<tr>
<th>Mvsp</th>
<th>ACTION 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>S狄R</td>
<td>CAP CA•DRCT,OR,RAİVE</td>
</tr>
<tr>
<td>D狄R</td>
<td>CAP CA•DRCT,OR,GEİ</td>
</tr>
<tr>
<td>SPACE</td>
<td>DAT ENACT</td>
</tr>
</tbody>
</table>

* DISPLAY A DISK ACCOUNTİNG BLOCK

<table>
<thead>
<tr>
<th>DSP</th>
<th>ACTION 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>DİRCT</td>
<td>CAP CA•DRCT ENACT</td>
</tr>
</tbody>
</table>
**CHANGE THE CLOSE-SUPPRESS (WEDGE) FLAG OF A LOCALLY OPEN FILE**

<table>
<thead>
<tr>
<th>CRLG</th>
<th>OP GROUP</th>
<th>DNL</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTION</td>
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<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DYN T</th>
<th>CAP</th>
<th>CA•DYN I' N'B,FLG</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLAG</td>
<td>DAT</td>
<td></td>
</tr>
<tr>
<td>END ACT</td>
<td></td>
<td>DAI</td>
</tr>
<tr>
<td>OP GROUP</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**INCREMENT DISK CHARGE METERS**

<table>
<thead>
<tr>
<th>INC M</th>
<th>ACTION</th>
<th>2</th>
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</thead>
<tbody>
<tr>
<td>DRC T</td>
<td>CAP</td>
<td>CA•DRC T.0•INHTR</td>
</tr>
<tr>
<td>INCR</td>
<td>DAT</td>
<td></td>
</tr>
<tr>
<td>END ACT</td>
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**SET DISK ACCOUNTING BLOCK SETTABLE TAG**

<table>
<thead>
<tr>
<th>STAG</th>
<th>ACTION</th>
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</thead>
<tbody>
<tr>
<td>DRC T</td>
<td>CAP</td>
<td>CA•DRC T.0•SETAG</td>
</tr>
<tr>
<td>TAG</td>
<td>DAT</td>
<td></td>
</tr>
<tr>
<td>END ACT</td>
<td></td>
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