StorageTek Enterprise Library Software

Syntax Quick Reference

Release 7.3 for MVS

E60544-07

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StorageTek Enterprise Library Software Syntax Quick Reference, Release 7.3 for MVS

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Preface

This publication provides syntax for commands, control statements, and utilities provided by Oracle's StorageTek Enterprise Library Software (ELS).

This software solution consists of the following software:

Base software:

- Oracle's StorageTek Storage Management Component (SMC)

  (includes the product formerly known as StorageTek HTTP Server)

- Oracle's StorageTek Host Software Component (HSC)

- Oracle's StorageTek Virtual Tape Control Software (VTCS)

- Oracle's StorageTek Concurrent Disaster Recovery Test (CDRT)

Additional supportive software:

- Oracle's StorageTek Library Content Manager (LCM). LCM includes an enhanced version of the product formerly known as Offsite Vault Feature.

- Oracle's StorageTek Client System Component for MVS Environments (MVS/CSC)

- Oracle's StorageTek LibraryStation

Audience

This document is intended for storage administrators, system programmers and operators responsible for configuring and maintaining ELS.

To perform the tasks described in this publication, you should already understand the following:

- z/OS operating system

- JES2 or JES3

- Enterprise Library Software (ELS)

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

Access to Oracle Support

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Related Documents

Visit the Oracle Technical Network (OTN) at the following URL to access related documentation for StorageTek libraries, tape drives, and associated software and hardware:

`http://docs.oracle.com`

Conventions

The following text conventions are used in this document:

Typographic Conventions

Typographic conventions include the following:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Syntax Conventions

Syntax flow diagramming conventions include the following:

Flow Lines

Syntax diagrams consist of a horizontal base line, horizontal and vertical branch lines, and the text for a command, control statement, macro, or utility. Diagrams are read left to right, and top to bottom. Arrows indicate flow and direction. For example:

```
►►─COMMAND/MACRO/UTILITY──┬─Item 1─┬──────────────────────────────►◄
                          │─Item 2─│
                          └─Item 3─┘
```

Single Required Choice

Branch lines (without repeat arrows) indicate that a single choice must be made. If one of the items to choose from is positioned on the baseline of the diagram, one item must be selected. For example:

```
 ►►─┬─Item 1─┬──────────────────────────────────────────────────────────►◄
    ├─Item 2─┤
    └─Item 3─┘
```

Single Optional Choice

If the first item is positioned on the line below the baseline, one item may be optionally selected. For example:

```
 ►►──────────────────────────────────────────────────────────────────────►◄
    ├─Item 1─┤
    ├─Item 2─┤
    └─Item 3─┘
```

Defaults

Default values and parameters appear above the baseline. For example:

```
       ┌─Default─┐
 ►►────┴─────────┴─────────────────────────────────────────────────────────►◄
```

Some keyword parameters provide a choice of values in a stack. When the stack contains a default value, the keyword and the value choices are placed below the base line to indicate that they are optional, and the default value appears above the keyword line. For example:

```
 ►►──────────────────────────────────────────────────────────────────────►◄
    │            ┌─Default Value─┐        │
    └─Keyword────┼─Value2────────┤
                 └─Value3────────┘
```

Repeat

A repeat symbol indicates that more than one choice can be made or that a single choice can be made more than once. The following example indicates that a comma is required as the repeat delimiter. For example:

```
       ┌─,──────────┐
 ►►────▼─variable───┴────────────────────────────────────────────────────►◄
```

Keywords

All command keywords are shown in all upper case or in mixed case. When commands are not case sensitive, mixed case implies that the lowercase letters may be omitted to form an abbreviation.

Variables

Italic type indicates a variable.

Alternatives

A bar (|) separates alternative parameter values.

Optional

Brackets [ ] indicate that a command parameter is optional.

Delimiters

If a comma (,), a semicolon (;), or other delimiter is shown with an element of the syntax diagram, it must be entered as part of the statement.

Ranges

An inclusive range is indicated by a pair of elements of the same length and data type, joined by a dash. The first element must be strictly less than the second element.

A hexadecimal range consists of a pair of hexadecimal numbers (for example, 0A2-0AD, or 000-0FC).

A decimal range consists of a pair of decimal numbers (that is, 1-9, or 010-094). Leading zeros are not required. The decimal portion is an incremental range. The character positions of the incremental portion of both range elements must match, and the non incremental characters of the first element must be identical to those of the second element.

A numeric VOLSER range (vol-range) consists of a pair of VOLSER elements containing a decimal numeric portion of 1 to 6 digits (for example, ABC012-ABC025, or X123CB-X277CB). The decimal portion is an incremental range. The following additional restrictions apply:

- The character positions of the incremental portion of both range elements must match.

- The non incremental characters of the first element must be identical to those of the second element.

- You cannot increment two portions of a range element. If 111AAA is the first element, you cannot specify 112AAB for the second element.

- If a VOLSER range contains more than one decimal portion, any portion is valid as the incremental range. For example:

    - A<u>00</u>B<u>00</u> - The largest range that can be specified is A00B00 through A99B99.

    - A<u>0</u>B<u>0</u>CC - The largest range that can be specified is A0B0CC through A9B9CC.

    - <u>000</u>XXX - The largest range that can be specified is 000XXX through 999XXX.

An alphabetic VOLSER range (vol-range) consists of a pair of VOLSER elements containing an incremental portion of 1 to 6 characters (for example, 000<u>AAA</u>-000<u>ZZZ</u>, or 9<u>AAA</u>55-9<u>ZZZ</u>55). This portion is an incremental range. The following additional restrictions apply:

- The character positions of the incremental portion of both range elements must match.

- The non incremental characters of the first element must be identical to those of the second element.

- You cannot increment two portions of a range element. If 111AA<u>A</u> is the first element, you cannot specify 11<u>2</u>AA<u>B</u> for the second element.

- The alphabetic portion of the VOLSER range is defined as being from character A to Z. To increment multi-character sequences, each character increments to Z. For instance, ACZ is part of the AAA-AMM range. Examples are:

  – A<u>00</u>A0-A<u>99</u>A0

  increments VOLSERs A00A0 through A09A0, then A10A0 through A99A0.

  – 9<u>AA</u>9A-9<u>ZZ</u>9A

  increments VOLSERs 9AA9A through 9AZ9A, then 9BA9A through 9ZZ9A.

  – 111<u>AAA</u>-111<u>ZZZ</u>

  increments VOLSERs 111AAA through 111AAZ, then 111ABA through 111ZZZ

  – 999<u>AM</u>8-999<u>CM</u>8

  increments VOLSERs 999AM8 through 999AZ8, then 999BA8 through 999CM8

  – A3<u>BZZ</u>9-A3<u>CDE</u>9

  increments VOLSERs A3BZZ9 through A3CAA9, then A3CAB9 through A3CDE9

  – <u>AAAAAA</u>-<u>AAACCC</u>

  increments VOLSERs AAAAAA through AAAAAZ, then AAAABA through AAACCC

  – <u>CCCNNN</u>-<u>DDDNNN</u>

  increments VOLSERs CCCNNN through CCCNNZ, then CCCNOA through DDDNNN. This is a very large range.

The number of volumes in an alphabetic VOLSER range depends on the number of elements in the incrementing portion of the VOLSER range. For an A to Z range in each character position, the number of volumes can be calculated by 26 to the power of the number of positions that are being incremented.

  – A-Z is equivalent to 26^1 or 26 volumes.

  – AA-ZZ is equivalent to 26^2 or 676 volumes.

  – AAA-ZZZ is equivalent to 26^3 or 17,576 volumes.

  – AAAA-ZZZZ is equivalent to 26^4 or 456,976 volumes.

  – AAAAA-ZZZZZ is equivalent to 26^5 or 11,881,376 volumes.

  – AAAAAA-ZZZZZZ is equivalent to 26^6 or 308,915,776 volumes.

Lists

A list consists of one or more elements. If more than one element is specified, the elements must be separated by a comma or a blank space, and the entire list must be enclosed in parentheses.

Blanks

Keyword parameters and values may be separated by any number of blanks.

Control Statement Conventions

The standard syntax conventions for control statements are as follows:

- The only valid control statement information area is from column 1 to column 72. Columns 73-80 are ignored.

- Parameters may be separated by one or more blanks or a comma.

- A value is associated with a parameter by an equal (=) sign or by enclosing the value in parentheses, and concatenating it immediately after the parameter.

- Case (upper or lower) is ignored in actual control statements.

- Continuations are supported by including a plus (+) sign at the end of the line to be continued. A control statement is terminated if the statement is not continued.

- Use /* and */ to enclose comments in the job stream. HSC PARMLIB members and definition data sets must specify comments in this format.

    - A comment is not required as the first control statement of any PARMLIB member.

    - Comments can be continued over multiple lines, but cannot be nested.

- The maximum length for any control statement is 1024 characters.

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SMC Commands and Control Statements

This chapter contains syntax for SMC commands and control statements. Interface and subsystem requirement information is included with each command.

Control statements that are loaded by an operator command are described along with that command.

For detailed information about the commands and control statements included in this publication, and the interfaces used to issue them, refer to the *ELS Command, Control Statement, and Utility Reference*.

ALLOCDef

Interfaces:

- Console, utility, `SMCCMDS` data set, or `SMCPARMS` data set
- UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required, or may be input to the `SMCUSIM` utility

Figure 1–1 ALLOCDef syntax

ALLOCJob

Interfaces:

- Console, utility, SMCCMDS data set, or SMCPARMS data set
- UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

Figure 1–2   ALLOCJob syntax

```
►►──ALLOCJob─┬─LISt─────────────────┬──────────────────────────────────────────►◄
             └─Optional Parameters──┘

Optional Parameters:

├──┬───────┬──┬─JOBname(jobname)─┬──────────────────────────────┬─────────────────►
   └─OFF──┘                     └─STEPname(stepname)─┬──────────────────────────┘
                                                     └─PROCstep(procstep)──┘

►──┬─────────┬──────────────────────────────────────────────────────────┬─LISt─┬──┤
   └─BYPass──┘  └─MINLvl(─┬─2────────┬─)─┘   └─SEPLvl(─┬─MAX──────┬─)─┘
                          └─minlevel─┘                 ├─MIN──────┤
                                                       └─seplevel─┘
```

Note: BYPass cannot be specified with the MINLvl or SEPLvl parameter.
It is only valid when JOBname is also specified.

CMDDef

Interfaces:

- Console, utility, or SMCPARMS data set
- UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required

Figure 1–3   CMDDef syntax

```
►►──CMDDef─┬─LISt───────────────────────┬──────────────────────────────────────►◄
           └─PREFix(command-prefix)──┘
```

COLlector

Interfaces:

- Console, SMCCMDS data set, or SMCPARMS data set
- UUI Support: No

Subsystem Requirements:

Active SMC required

Figure 1–4   COLlector syntax

COMMtest

Interfaces:

- Console, utility, SMCCMDS data set, or SMCPARMS data set
- UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

Figure 1–5 COMMtest syntax

```
►►──COMMtest──┬──────────────────────────────────────────────────────────────┬──►
              │   ┌─TAPEPlex(name)─┬────────────────────┬──┬─────────────┐    │
              │                    ├─SERVer(name)─┤       └─ANYSTATus─┘    │
              │                    ├─LOCalpath────┤                        │
              │                    └─ALLpaths─────┘                        │
              │   └─STORMNGR(name)─┬────────────────────┬──┬─────────────┐ │
              │                    ├─SERVer(name)─┤       └─ANYSTATus─┘    │
              │                    └─ALLpaths─────┘                        │

►──┬──────────────────────────────────────┬──►◄
   └─PORTrange(─┬──────────────┬─)─┘
                ├─nnnnn────────┤
                └─nnnnn-nnnnn──┘
```

Note: PORTrange cannot be specified with the LOCalpath or ALLpaths parameter.

DISMount

Interfaces:

- Console or utility
- UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

Figure 1–6 DISMount syntax

```
►►──DISMOunt──┬──────────┬──devaddr──┬─────────┬──►◄
              └─volser───┘            └─FOrce──┘
```

Display DRive

Interfaces:

- Console, utility, SMCCMDS data set, or SMCPARMS data set
- UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

Figure 1–7   Display DRive syntax

```
►►─┬─Display─┬─DRive─┬───────────────────────┬──────────────────┬─IDentity─┬─►◄
   └─Query───┘       ├─(─┬─devnum───────┬─)──┤                  └──────────┘
                     │   ├─devnum range─┤                       ┌─ALL─────┐
                     │   │   ┌─,────────┐│                       
                     │   └──▼─devnum list─┘                      
                     ├─TAPEPlex(name)─┬─ALL─────┬─┐    ┌─ACTive─┐
                     │                ├─Real────┤ │    └────────┘
                     │                └─Virtual─┘ │
                     ├─Real and Virtual─┐
                     │   (No Nonlib)     │
                     ├─Real────┤
                     ├─Virtual─┤
                     ├─Nonlib──┤
                     └─ALL─────┘
```

Display POLicy

Interfaces:

- Console, utility, SMCCMDS data set, or SMCPARMS data set
- UUI Support: Yes (supports XML and CSV)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

Figure 1–8   Display POLicy syntax

```
►►─┬─Display─┬─POLicy─┬─name───────┬──────────────────────────────────────►◄
   └─Query───┘        └─NAme(name)─┘
```

Display RC

Interfaces:

- Console, utility, SMCCMDS data set, or SMCPARMS data set
- UUI Support: Yes (supports XML and CSV)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

Figure 1–9   Display RC syntax

```
►►─┬─Display─┬─┬─RC────┬─┬─────┬─┬─nnnn────────┬────┬───────┬─►◄
   └─Query───┘ └─REASon┘ ├─X───┤ └─(nnnn-nnnn)─┘    └─DETail┘
                         ├─HEX─┤
                         └─ALL─────────────┘
```

Display SERVer

Interfaces:

■ Console, utility, SMCCMDS data set, or SMCPARMS data set

■ UUI Support: Yes (supports XML and CSV)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

Figure 1–10   Display SERVer syntax

```
►►─┬─Display─┬─SERVer─┬─name───────┬──────────────────────────►◄
   └─Query───┘        └─NAme(name)─┘
```

Display SMC

Interfaces:

■ Console, utility, SMCCMDS data set, or SMCPARMS data set

■ UUI Support: Yes (supports XML and CSV)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

Figure 1–11   Display SMC syntax

```
►►─┬─Display─┬─SMC──────────────────────────────────────────────►◄
   └─Query───┘
```

Display STORMNGR

Interfaces:

■ Console, utility, SMCCMDS data set, or SMCPARMS data set

■ UUI Support: Yes (supports XML and CSV)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

Figure 1–12   Display STORMNGR syntax

```
►►──┬─Display─┬──STORMNGR──┬─name────────┬────────────────────────────►◄
    └─Query───┘            └─NAme(name)──┘
```

Display TAPEPlex

Interfaces:

■   Console, utility, SMCCMDS data set, or SMCPARMS data set

■   UUI Support: Yes (supports XML and CSV)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

Figure 1–13   Display TAPEPlex syntax

```
►►──┬─Display─┬──TAPEPlex──┬─name────────┬───────────────────────────►◄
    └─Query───┘            └─NAme(name)──┘
```

Display Volume

Interfaces:

■   Console, utility, SMCCMDS data set, or SMCPARMS data set

■   UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

Figure 1–14   Display Volume syntax

```
►►──┬─Display─┬──Volume(──┬─volser────────┬──)──┬──────────────┬──►◄
    └─Query───┘           ├─volser-range──┤     └─ALLtapeplex──┘
                          │   ┌─────────┐ │
                          └───┴─volser-list─┘
```

DRIVemap

Interfaces:

■   Console, utility, SMCCMDS data set, or SMCPARMS data set

■   UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

Figure 1–15   DRIVemap syntax

Help

Interfaces:

- Console, utility, SMCCMDS data set, or SMCPARMS data set
- UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

Figure 1–16   Help syntax

HTTP

Interfaces:

- Console, utility, SMCCMDS data set, or SMCPARMS data set
- UUI Support: All (No XML/CSV output)

Subsystem Requirements:

Active SMC required

Figure 1–17   HTTP syntax

```
►►─HTTP──────────────────────────────────────────────────────────►◄
        ├─LIst─────┬──────────────────────────────────────┤
        │    └─DETail─┘                                    │
        ├─STArt─┬───────────────────────┬──────────────────┬─────────┤
        │       │          ┌─8080─┐     │ ┌─Tuning Parameters─┐ ┌─LIst─┐│
        │       └─PORT(─┴─nnnn─┴─)─┘ └─────────────────┘ └─────┘│
        ├─STOp──────────────────────────────────────────────┤
        │    └─FORCE─┘                                       │
        │          ┌─ON──┐                                   │
        ├─XSECurity─┼─────┼──────────────────────────────────┤
        │          └─OFF─┘                                   │
        └─Tuning Parameters──────────────────────────────────┘
                  └─LIst─┘
```

```
Tuning Parameters:
```

Note: May be included with STArt or after HTTP startup

```
├──────────────────────────────────────────────────────────────┤
           ┌─4─┐                  ┌─100─┐
   └─HSIOtasks(─┴─n─┴─)─MAXClients(─┴─nnn─┴─)─┘
```

IDAX

Interfaces:

■   Console, utility, SMCCMDS data set, or SMCPARMS data set

■   UUI Support: All (No XML/CSV output)

Subsystem Requirements:

Active SMC required

Figure 1−18   IDAX syntax

```
         ┌─LIst───────────────────────┐
►►─IDAX──┤                            ├──────────────────────►◄
         ├─OFF─────┐                  │
         │      ┌─LIst─┐              │
         │      └──────┘              │
         └─Optional Parameters────────┘


Optional Parameters:

├───────────────────────────────────────────────────────────────┤
 │          ┌─OFF─┐        │ │            ┌─LAST──┐   │ │       ┌─OFF─┐     │
 └─POLicy(──┼─ON──┼──)─────┘ └─SEQuence(──┼─FIRST─┼─)─┘ └─MOD(──┼─ON──┼──)──┘
            └─────┘                       └───────┘            └─────┘
```

LIMIT

Interfaces:

■   Console, utility, SMCCMDS data set, or SMCPARMS data set

■   UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required. Not allowed as input to the SMCUSIM utility.

Figure 1−19   LIMIT syntax

```
          ┌─LIst─────────────────────┐
►►─LIMIT──┤                          ├──────────────────────►◄
          ├─┤ Optional Parameters ├──┤
          └─OFf──────────────────────┘


Optional Parameters:

├──────────────────────────────────────────────────────────────────►
 │             ┌─nnn─┐   │ │               ┌─nnn─┐   │ │           ┌─ON──┐   │
 └─MAXTasks(───┼─────┼─)─┘ └─MAXClients(───┼─────┼─)─┘ └─MAXIdle(──┼─────┼─)──┘
               └─OFf─┘                     └─OFf─┘                 └─OFf─┘

►──────────────────────────────────────────────────────────────────┤
 │         ┌─ON──┐   │ │                        │
 └─AUTO(───┼─────┼─)─┘ └─LIst──────────────┐
           └─OFf─┘            └─DETail─┘
```

LIst

Interfaces:

- Console, utility, SMCCMDS data set, or SMCPARMS data set
- UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

Figure 1–20   LIst syntax

```
                                                    ┌─100──┐
►►──LIst──┬─Address(address)────────Length(──┴─length──┴──)──┬──────────────►◄
          ├─CB(control-block-name)────────────────────────────┤
          ├─TASKs──────────────────────────────────────────────┤
          └─FUNIT(──┬─uuuu────────┬──)──┘
                    └─uuuu──uuuu──┘
```

LOG

Interfaces:

- Console, utility, SMCCMDS data set, or SMCPARMS data set
- UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required

Figure 1–21   LOG syntax

```
                    ┌─List───────────────┐
►►──LOG─┬───────────────────────────────────┬──►◄
        ├─OFF─────────────────┐
        │    └─LIst───────┘
        └─Optional Parameters─┐
                         └─List─┘


Optional Parameters:

├──┬─────────────────────────┬──┬──────────────────┬──┬──────────────────────┬──►
   │        ┌─,──────────┐    │  │    ┌─OFF─┐       │  │         ┌─OFF─┐      │
   └─Type(──▼─record-type─┴─)─┘  └─LRECL(─┴─lrecl─┴─)─┘  └─EOFREstart(─┴─ON──┴─)─┘

►──┬─STart──────────────┬──────────────────────────────────────────────────────┤
   │       └─APPend─┘    │
   └─STOp───────────────┘
```

METAdata

Interfaces:

- Utility only
- UUI Support: Yes

Subsystem Requirements:

Active SMC required

Figure 1–22   METAdata syntax

```
►►──METAdata─┬──────────────┬──►◄
             └─command-name─┘
```
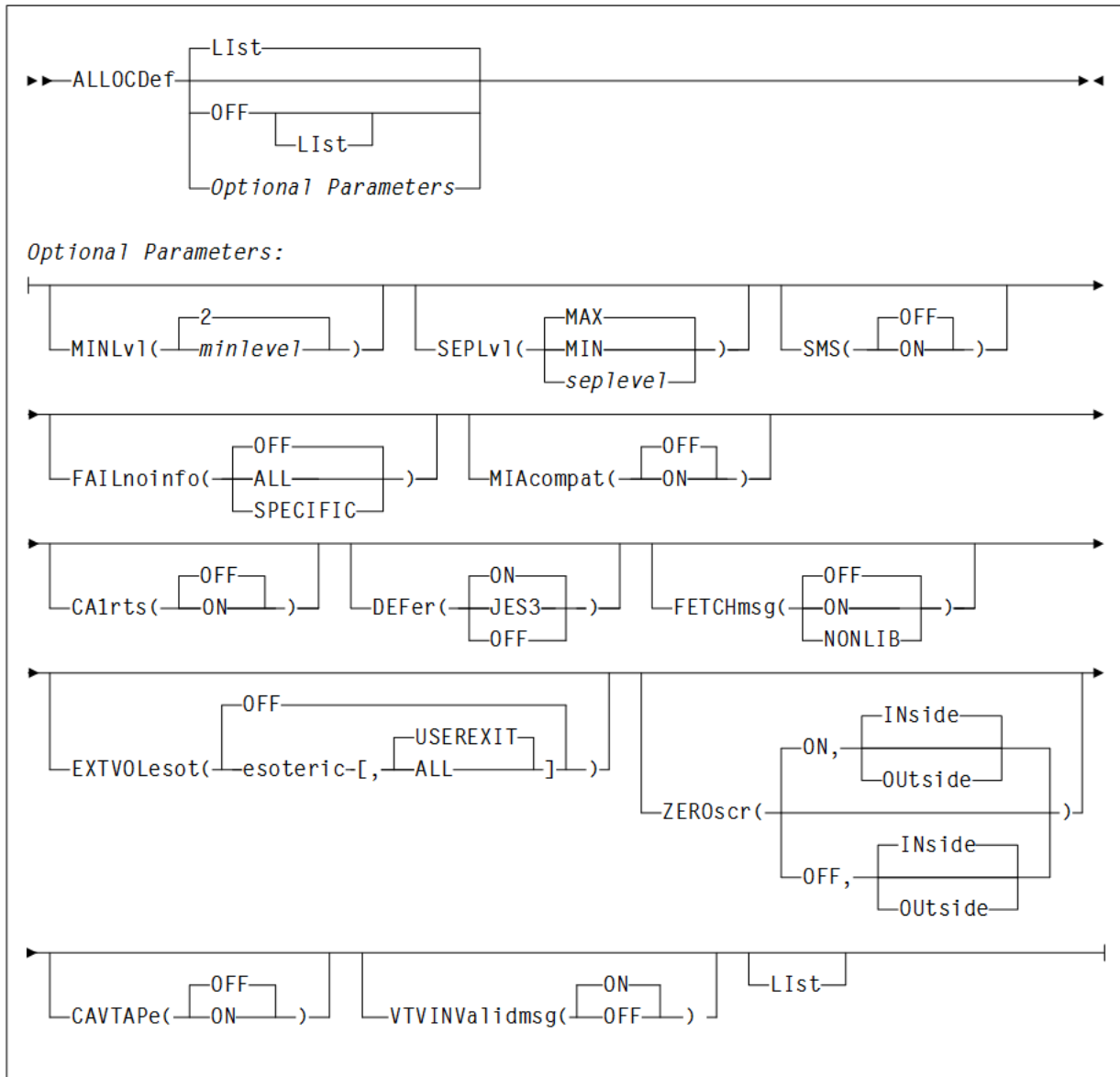
MONitor

Interfaces:

- Console, utility, SMCCMDS data set, or SMCPARMS data set
- UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

- Active SMC required
- Cannot be input to the SMCUSIM utility

Figure 1–23   MONitor syntax

MOunt

Interfaces:

- Console or utility
- UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

Figure 1–24   MOunt syntax

MOUNTDef

Interfaces:

- Console, utility, SMCCMDS data set, or SMCPARMS data set
- UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility
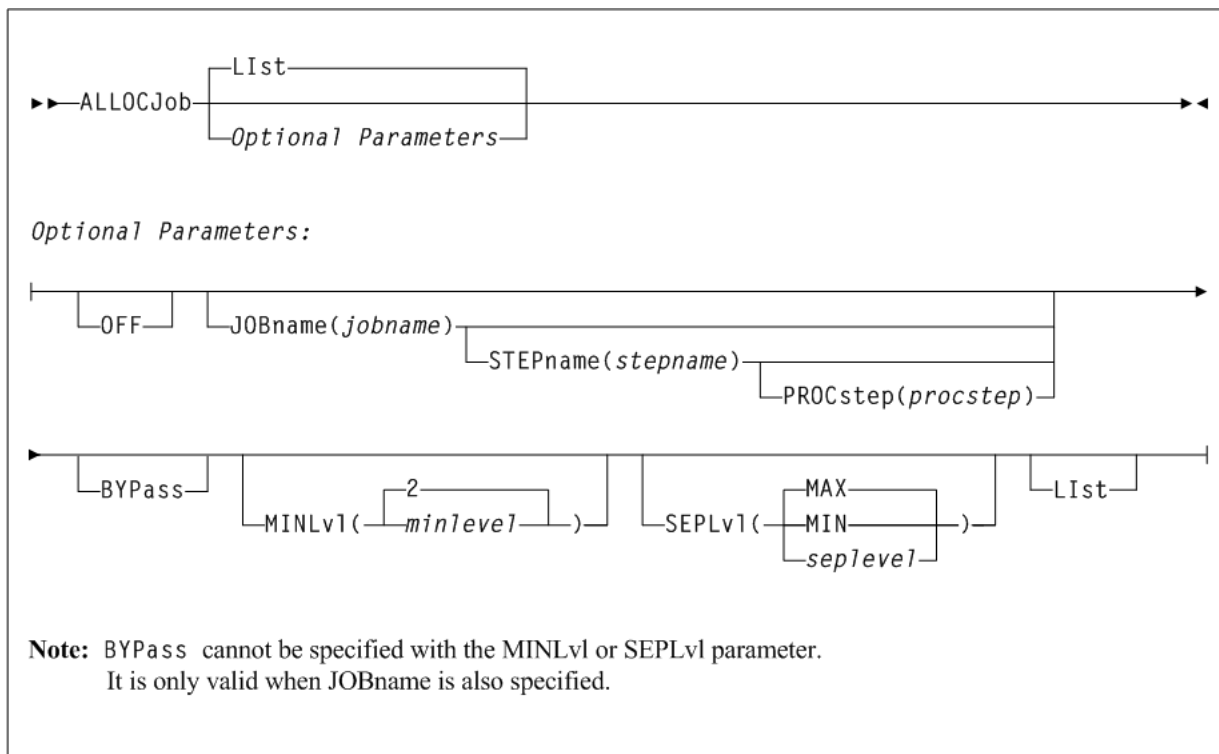
Figure 1–25   MOUNTDef syntax

MSGDef

Interfaces:

- Console, utility, SMCCMDS data set, or SMCPARMS data set
- UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

Figure 1–26   MSGDef syntax

MSGJob

Interfaces:

- Console, utility, SMCCMDS data set, or SMCPARMS data set
- UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility
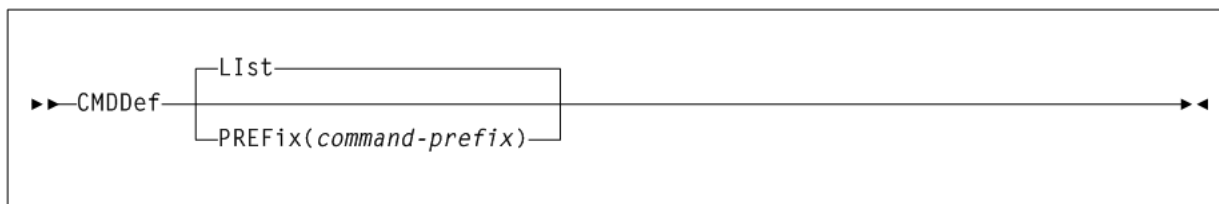
Figure 1–27   MSGJob syntax

```
►►─MSGJob─┬─────LIst──────────────────────────────────────────►◄
          └─Optional Parameters─┘


Optional Parameters:

├─┬───────────────────────────────────────────────────────────►
  │                                                      ┌──8──┐
  └─JOBname(jobname)─┬──────────────────┬────────LVL(─┴─level─┴─)─┘
                     └─STEPname(stepname)─┬──────────────────┐
                                          └─PROCstep(procstep)─┘

►─┬───────┬─┬───────┬───────────────────────────────────────────┤
  └─OFF──┘ └─LIst──┘
```

POLicy

Interfaces:

■   Console, utility, SMCCMDS data set, or SMCPARMS data set

■   UUI Support: Yes (supports XML and CSV)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

Figure 1–28   POLicy syntax

```
►►─POLicy───────────────────────────────────────────────────────►◄
           ├─LIst──────────────────────────────────────────────┤
           │       └─NAme(name)─┘ ┌─DETail─┐ ┌─ERRor─┐  ┌─Scratch──┐
           │                      ├─TERse──┘           ├─VOLType(─┼─Specific─┼─)─┘
           │                                           └─Nonspec──┘
           │
           ├─VALidate──────────────────────────────────────────┤
           │         └─NAme(name)─┘           ┌─Scratch──┐  ┌─LIst─┐
           │                       └─VOLType(─┼─Specific─┼─)─┘
           │                                  └─Nonspec──┘
           │
           └─NAme(name)────────────────────────────────────────┘
                                  ┌─Scratch──┐         ┌─Named Policy Parameters─┐
                       └─VOLType(─┼─Specific─┼─)─┘
                                  └─Nonspec──┘
```

Named Policy Parameters:

```
├─────────────────────────────────────────────────────────────►
  └─NOne─┘                                      ┌◄──────────────┐
         └─MEDia(─┼◄─media type─┼─)─┘  └─RECtech(─┴─recording-technique─┴─)─┘
                                                 ┌◄──────────┐
                                       └─MODel(─┴─model-type─┴─)─┘

├─────────────────────────────────────────────────────────────►
  └─SUBPool(subpool-name)─┘  └─ESOTeric(esoteric-list)─┘

├─────────────────────────────────────────────────────────────►
  └─PREFer(─┬─Location─┬─)─┘  └─MGMTclas(mgmt-class-name)─┘
            ├─Esoteric─┤
            └─Count────┘

├─────────────────────────────────────────────────────────────►
  ├─TAPEPlex(tapeplex-name)─┤  └─IDAXESOTeric(esoteric-name)─┘
  └─NOTAPEPlex──────────────┘

├─────────────────────────────────────────────────────────────►
  ├─IDAXEXPDT(yyyyddd)─┤  └─IDAXVOLcnt(volume-count)─┘
  └─IDAXRETPD(nnnn)────┘

├─────────────────────────────────────────────────────────────►
  └─IDAXSUBsys(subsystem-name)─┬───────────────────────────┐
                               └─IDAXPROGram(program-name)─┘

├─────────────────────────────────────────────────────────────┤
  └─EXTVOLesot(esoteric-list)─┘  ┌─OFF─┐          └─ALLOCFail─┘
                      └─SPLITvolref(─┼─────┼─)─┘
                                     └─ON──┘
```
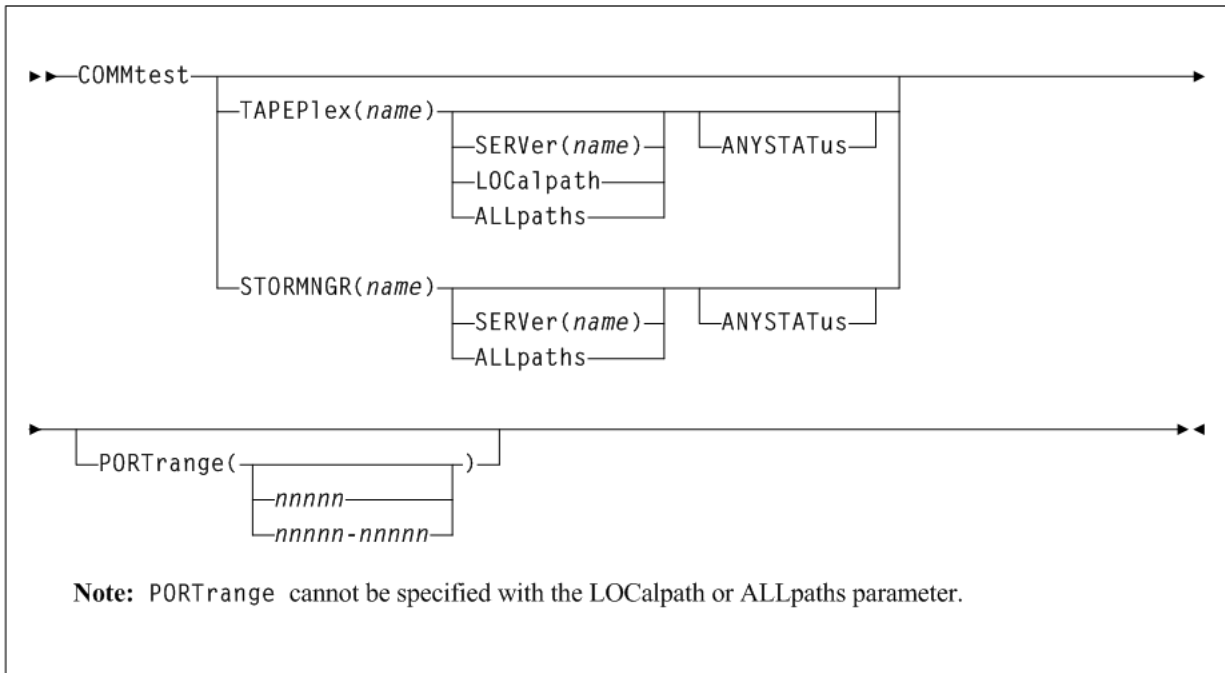
READ

Interfaces:

- Console, utility, SMCCMDS data set, or SMCPARMS data set
- UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility
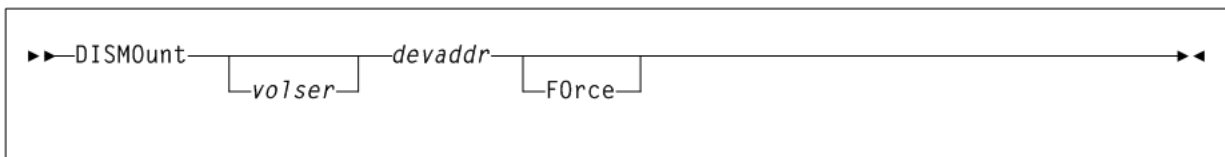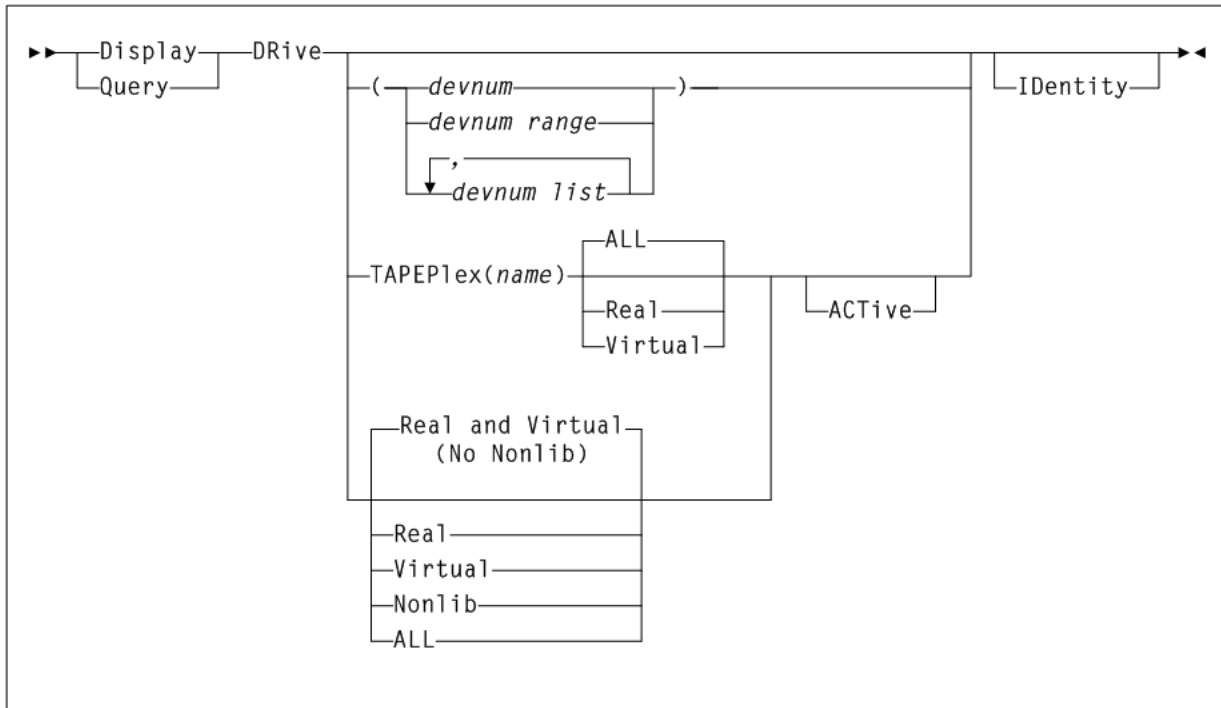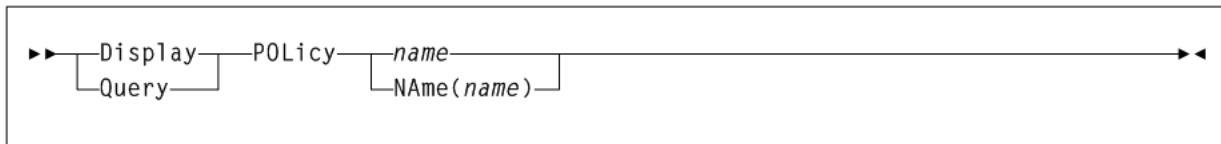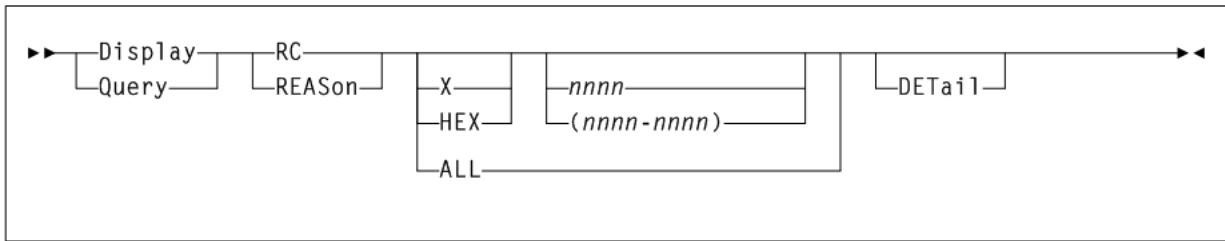
Figure 1–29   READ syntax

RESYNChronize

Interfaces:

- Console, utility, SMCCMDS data set, or SMCPARMS data set
- UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

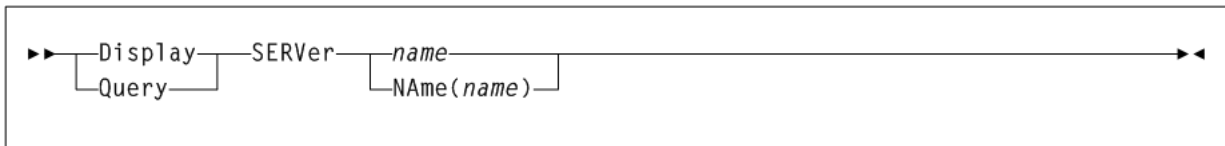*Figure 1–30   RESYNChronize syntax*

Route

Interfaces:

- Console, utility, SMCCMDS data set, or SMCPARMS data set
- UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required

Figure 1–31 Route syntax

```
►►─Route──┬─tapeplex-name─┬──command-string────────────────────────►◄
          └─stormngr-name─┘
```
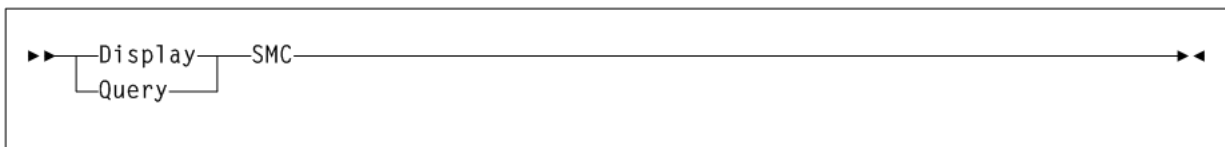
SERVer

Interfaces:

■ Console, utility, SMCCMDS data set, or SMCPARMS data set

■ UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

Figure 1–32 SERVer syntax

```
                  ┌─LIst─────────────────────────────────────────┐
►►─SERVer─────────┼──────────────────────────────────────────────┼─►◄
                  ├─┬─name───────┬──┬────────────────────────┬──┬─LIst─┤
                  │ └─Name(name)─┘  └─Named Server Parameters─┘  │
                  └─LIst─┬────────────┬───────────────────────────┘
                         ├─name───────┤
                         └─Name(name)─┘


Named Server Parameters:

      ┌─ENAble──┐
├──────┼─────────┼──┬─TAPEPlex(name)──┬──┬─────────────┬──┬─HOst(hostname)────┬──►
       └─DISable─┘  └─STORMNGR(name)──┘  └─HSCSUB(ssss)─┘  └─IPaddress(address)─┘

   ┌─POrt(8080)─┐  ┌─WAit(60)────REtry(3)──────┐
►──┼────────────┼──┼───────────────────────────┼──┬──────┬──┤
   └─POrt(nnnn)─┘  └─WAit(nnnn)──REtry(nnnn)────┘  └─LIst─┘
```

Note: TAPEPlex(*name*) or STORMNGR(*name*) is required when the SERVer NAME is first defined.
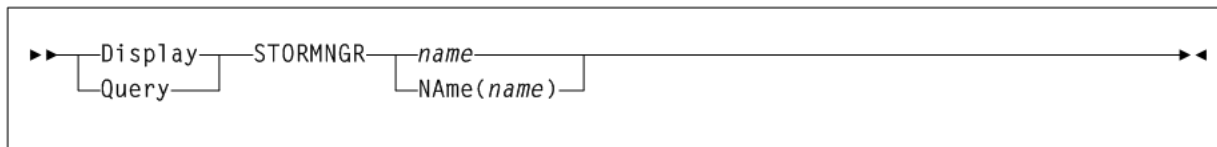
SIMulate

Interfaces:

■ Console, utility, SMCCMDS data set, or SMCPARMS data set

- UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

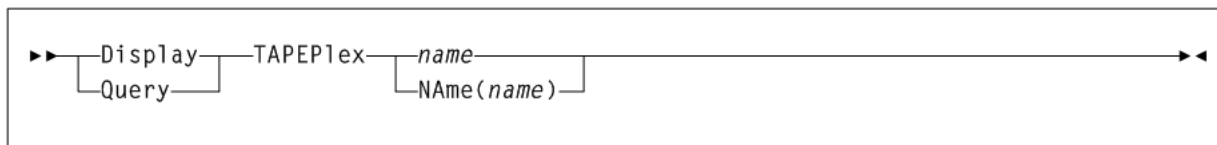*Figure 1–33   SIMulate syntax*

SMSDef

Interfaces:

- Console, utility, SMCCMDS data set, or SMCPARMS data set
- UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

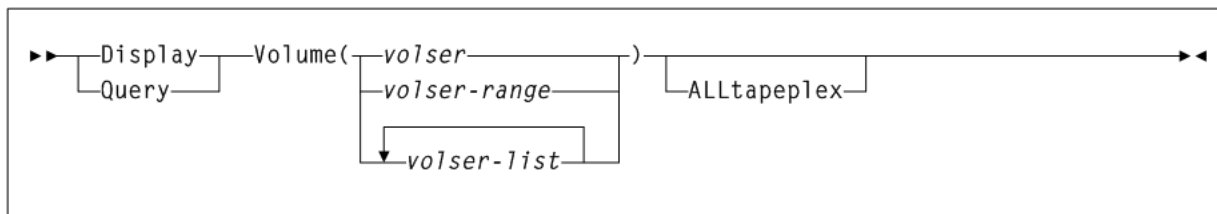*Figure 1–34   SMSDef syntax*

STORMNGR

Interfaces:

- Console, utility, SMCCMDS data set, or SMCPARMS data set
- UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

Figure 1–35   STORMNGR syntax

```
►►─STORMNGR─┬──────────────────────────────────────────────┬─►◄
            │              ┌─LIst─────────┐                 │
            │              │  ┌─ENAble─┐   │                 │
            ├─┬─name───────┼──┤        ├───┤                 │
            │ └─NAme(name)─┘  └─DISable─┘  │                 │
            ├─LIst────────────────────────┤                 │
            │      ┌─name───────┐          │                 │
            │      └─NAme(name)─┘          │                 │
            ├─SERVerlist──────────────────┤                 │
            │          ┌─name───────┐      │                 │
            │          └─NAme(name)─┘      │                 │
            └─STATus───────────────────────┘                 │
                   ┌─name───────┐
                   └─NAme(name)─┘
```
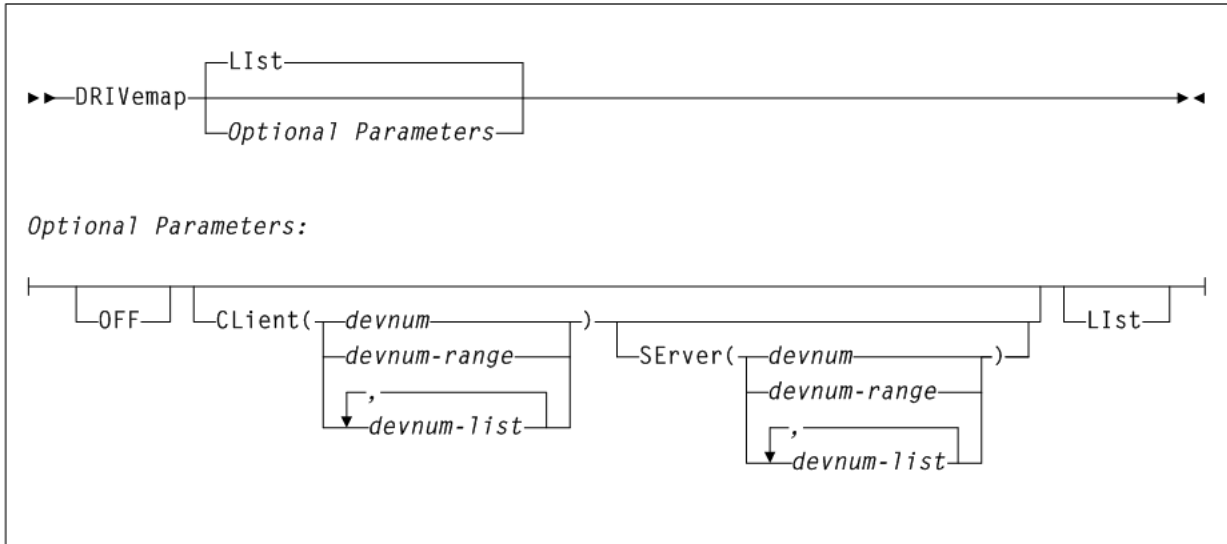
TAPEPlex

Interfaces:

- Console, utility, SMCCMDS data set, or SMCPARMS data set
- UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

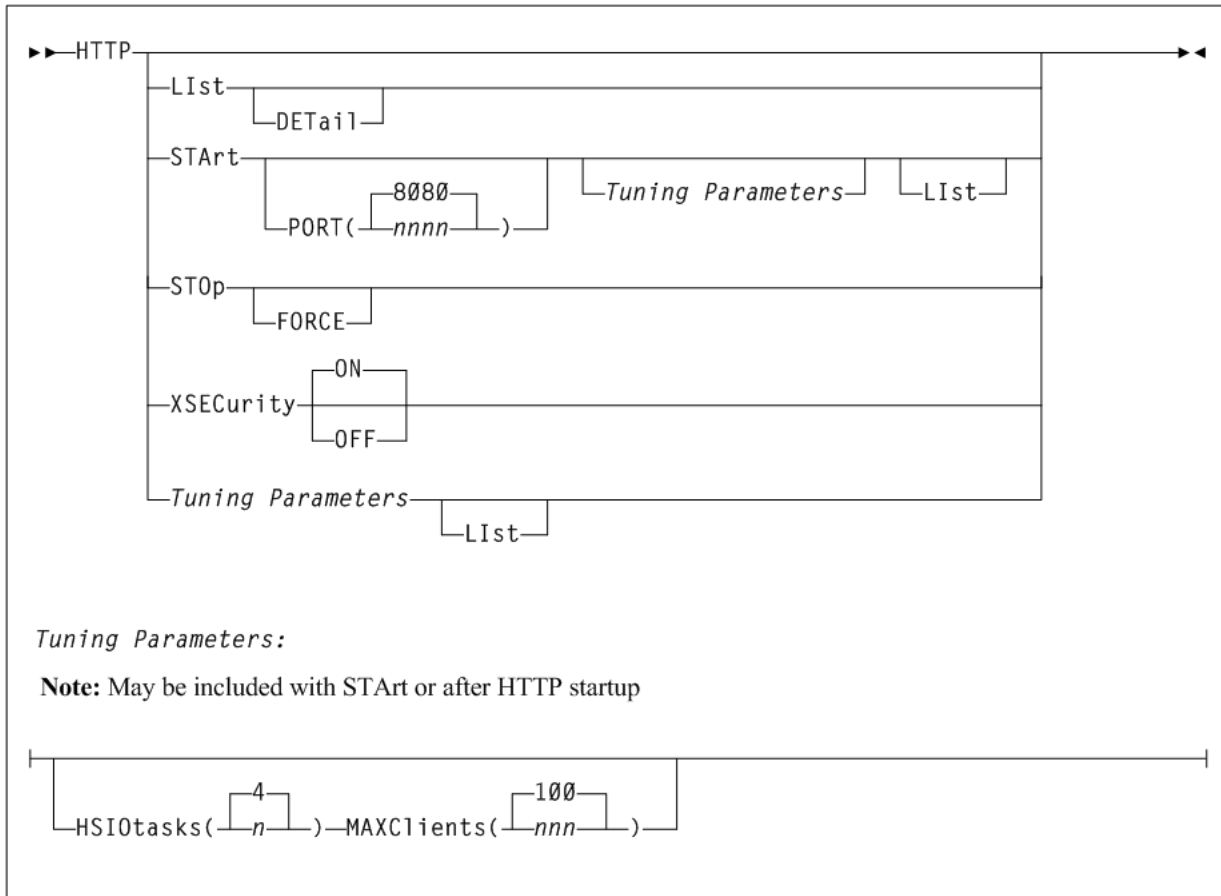*Figure 1–36 TAPEPlex syntax*

TCPip

Interfaces:

- Console, utility, SMCCMDS data set, or SMCPARMS data set
- UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

Figure 1–37   TCPip syntax

```
                ┌─List──────────┐
►►─TCPip──┬──────────────────────┬────────────────────────────────►◄
          ├─OFF──────────────────┤                  ┌─OFF─┐
          ├─XSECUSERname(username)┤        ┌─RERESolve(─┴─ON──┴─)─┐
          └─TCPIP Parameters──────┘
                        └─LISt─┘
```

TCPIP Parameters:

```
          ┌─none─┐            ┌─none─┐               ┌─OFF──────────┐
├──TCPname(─┴─name─┴─)──ADSname(─┴─name─┴─)──PORTrange(─┴─nnnnn-nnnnn─┴─)──────────┤
```
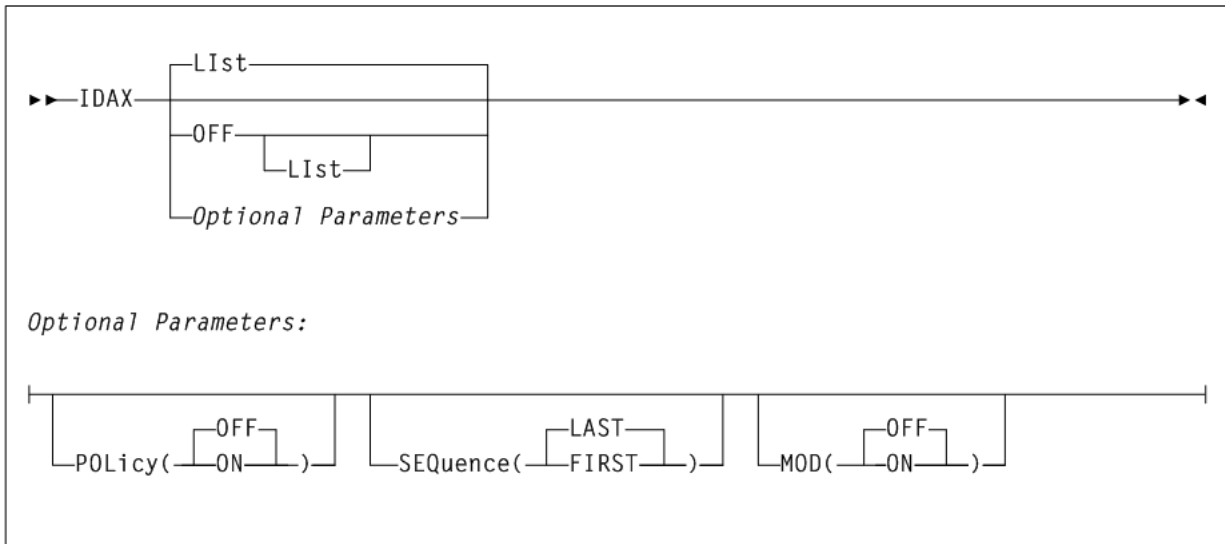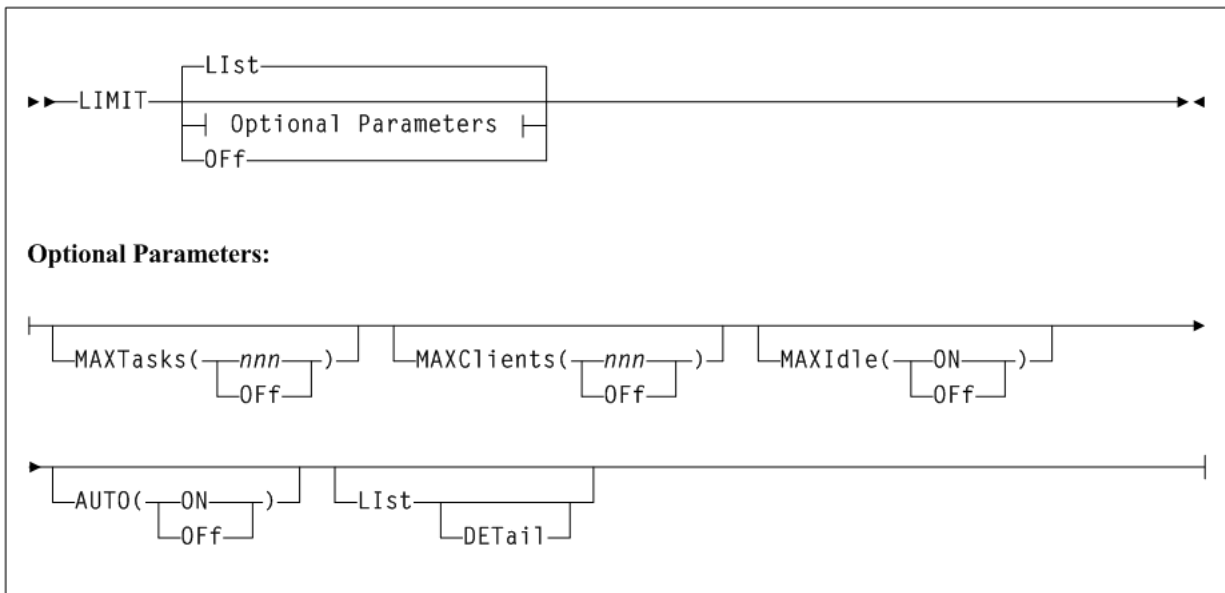
TRace

Interfaces:

- Console, utility, SMCCMDS data set, or SMCPARMS data set
- UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

Figure 1–38   TRace syntax

```
►►─TRace─┬──────────LIst────────────────────────────────────────────────►◄
         ├─OFF─┬──────────┬─
         │     └──LIst────┘
         ├─Jobname/Component Parameters─┬──────────┬─
         │                              └──LIst────┘
         │        ┌──ON──┐
         └─COMPact─┴──────┴─
                  └─OFF──┘

Jobname/Component Parameters:

  ├─┬─SUbsys─┬──────────ALLProc──────────────────────────────────────┤
  │          │      ┌───,────┐
  │          ├──────▼─AScomm──┴─
  │          ├─CGi──────
  │          ├─CMd──────
  │          ├─HTtp─────
  │          └─INitterm──
  │
  └─JOBname─┬───────────────────────────────────────┬─
            │                            ┌─ALLProc───┐
            └─(jobname)─┬──────────┬─┬────────────────┤
                        │ Optional │ │    ┌───,────┐
                        │  Parms   │ ├────▼─ALLOc────┴─
                        └──────────┘ ├─MSghandler──
                                     ├─REmote──────
                                     └─UTility─────

Optional Parameters:

  ├─┬────────────────────────────────────────────────────┬─┤
    └─STEPname(stepname)─┬──────────────────────────┬─
                         └─PROCstep(procstep)───────┘
```
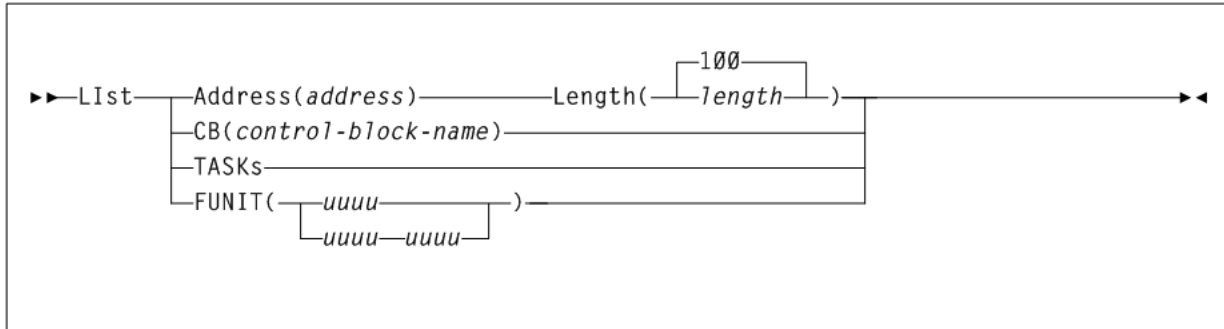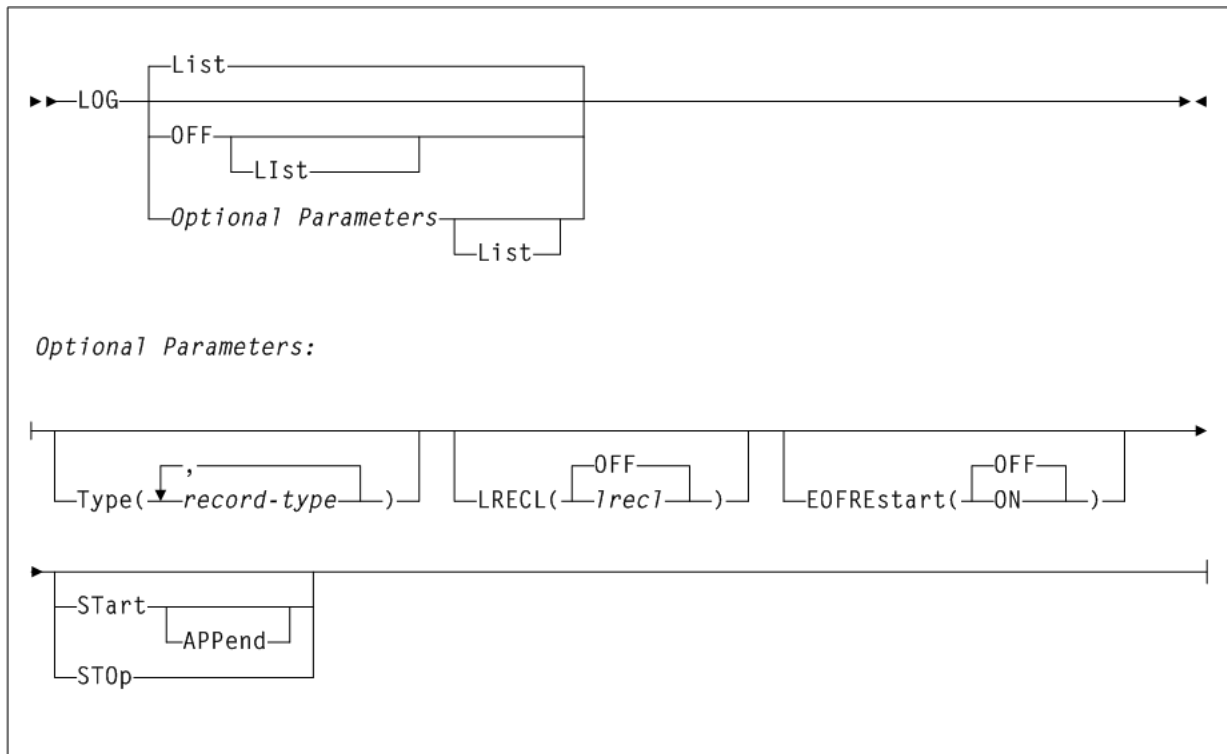
TREQDef

Interfaces:

- Console, utility, SMCCMDS data set, or SMCPARMS data set
- UUI Support: Yes (No XML/CSV output)
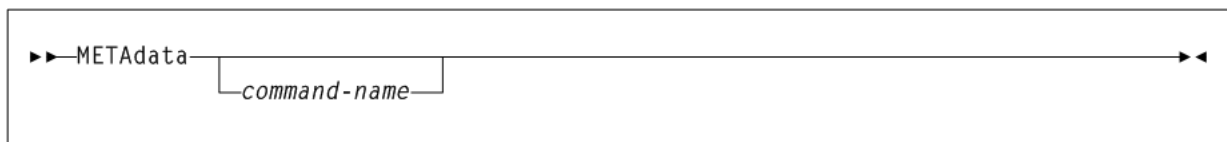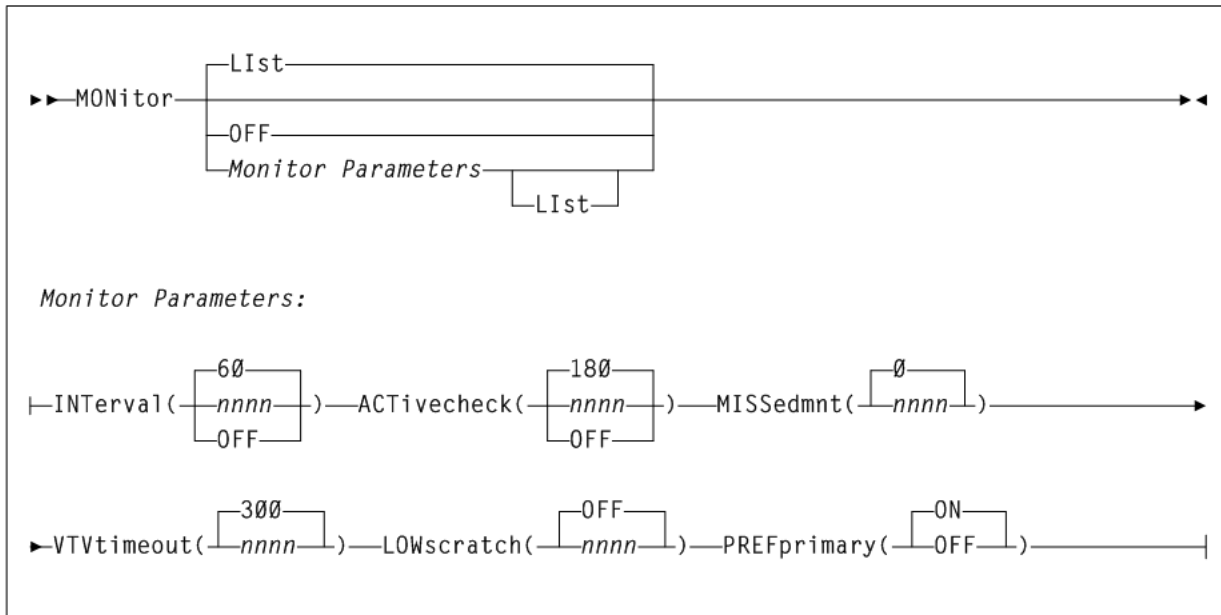
Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

Figure 1–39   TREQDef syntax

TAPEREQ Control Statement

Figure 1–40   TAPEREQ syntax

```
►►─TAPEREQ──────────────────────────────────────────────────────►
           │                    *               │  │            *          │
           └─JOBname(──┬─jobname─┬──)─┘  └─STEPname(──┬─stepname─┬──)─┘

►──────────────────────────────────────────────────────────────►
   │                      *                  │  │                 *              │
   ├─PROGram(──┬─program-name─┬──)─┤  ├─DATASET(──┬─dataset-name─┬──)─┤
   └─PGMname(program-name)──────────┘  └─DSN(dataset-name)────────────┘

►──────────────────────────────────────────────────────────────►
   │                *            │  ┌─RETPD(──┬─GE─┬──,retention-period )─┐
   └─DDname(──┬─DD-name─┬──)─┘  │         ├─EQ─┤                         │
                                 │         ├─NE─┤                         │
                                 │         ├─GT─┤                         │
                                 │         ├─LT─┤                         │
                                 │         └─LE─┘                         │
                                 │                                        │
                                 └─EXPDT(──┬─GE─┬──,expiration-date )─────┘
                                           ├─EQ─┤
                                           ├─NE─┤
                                           ├─GT─┤
                                           ├─LT─┤
                                           └─LE─┘

►──────────────────────────────────────────────────────────────►
   │              *                  │  │              *             │
   └─VOLSer(──┬─volser───────┬──)─┘  └─LABEL(──┬─label-type─┬──)─┘
             └─volser-range─┘

►──────────────────────────────────────────────────────────────►
   │                *                 │  │                *               │
   └─JCLESOT(──┬─esoteric-name─┬──)─┘  └─ACTRECT(──┬─rectech-name─┬──)─┘

►─────────────────────────────────────────────────────────────►◄
   └─POLicy(policy-name)─┘
```

UEXit

Interfaces:

- Console, utility, SMCCMDS data set, or SMCPARMS data set
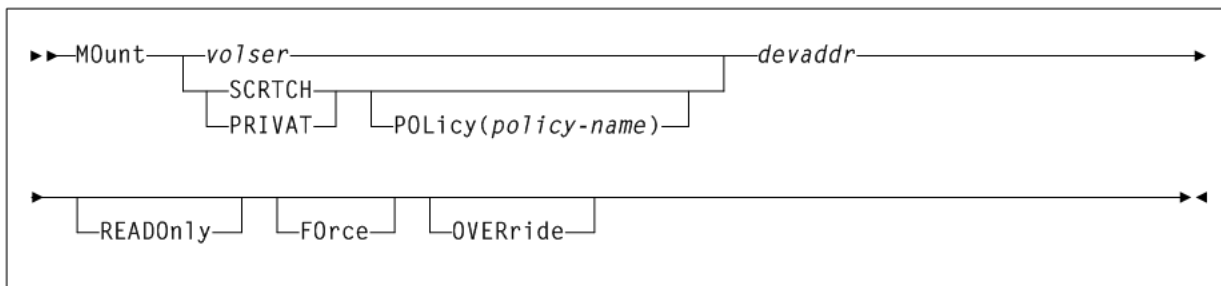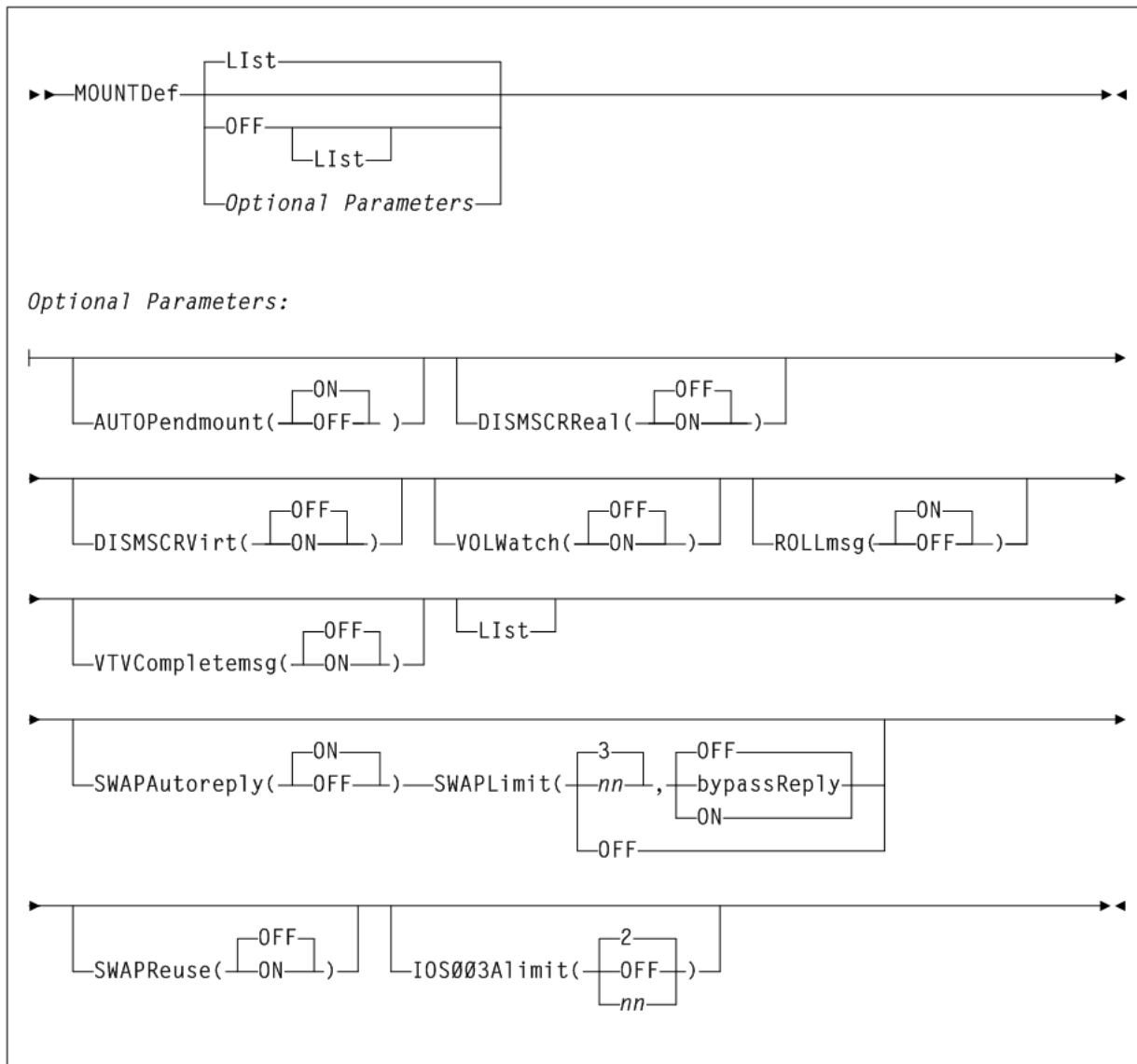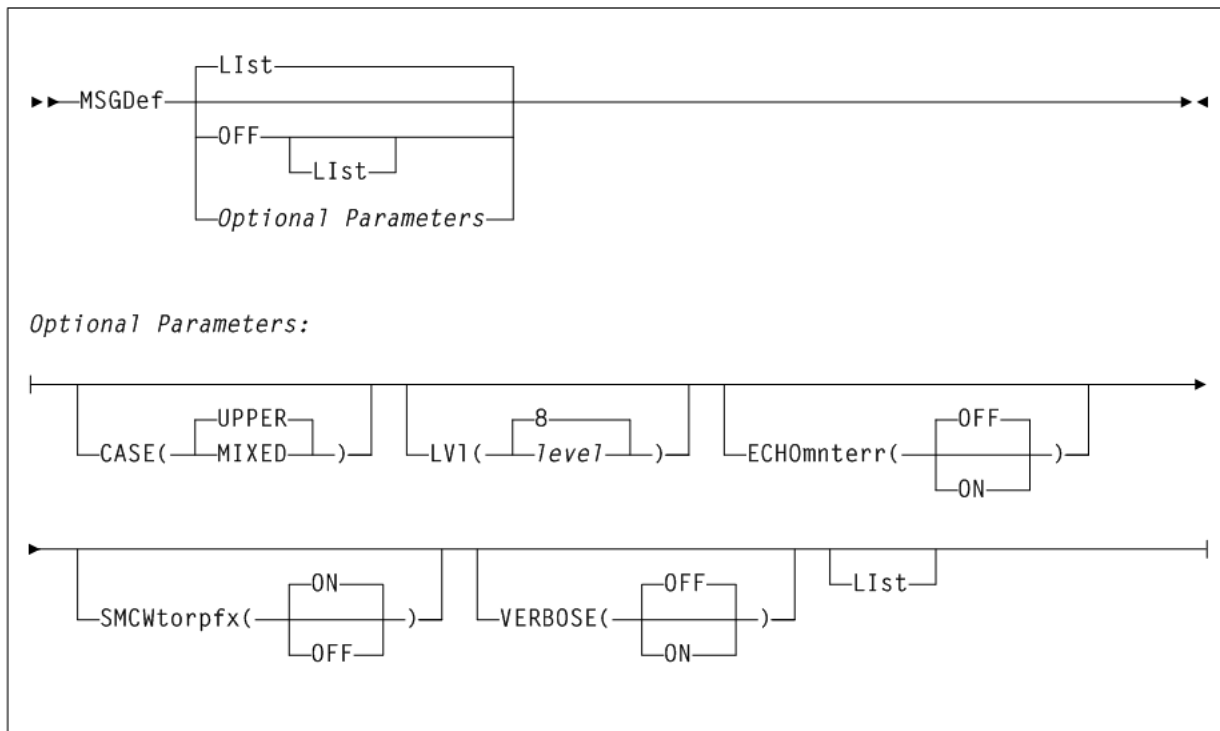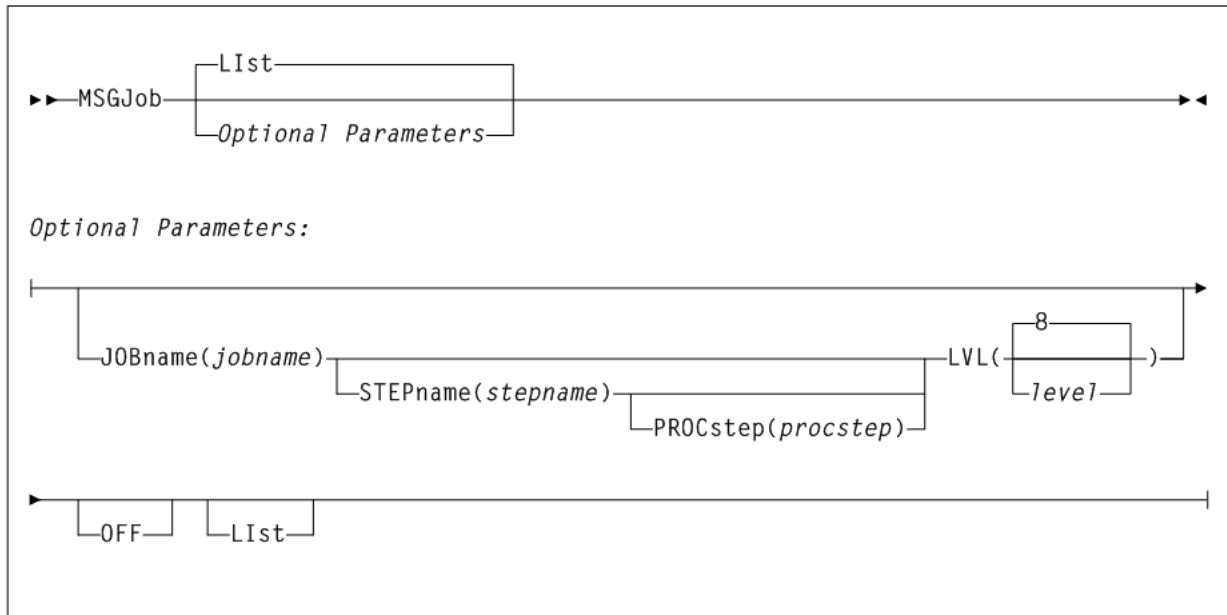- UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

Figure 1–41   UEXit syntax

```
                     ┌─LIst─────────────────────────────────────────────┐
►►──UEXit──┬─────────┴──────────────────────────────────────────┬──────────►◄
           │                                                     │  ┌─LIst─┐
           └─number──┬──────────────────────────────────────────┤
                     │                      ┌─HSC─┐       ┌─ENAble─┐
                     ├─NAME(name)──FORMat(───┴─CSC─┴───)──LOAD─────┘
                     ├─ENAble────────────────────────────────────
                     └─DISable───────────────────────────────────
```

UNITAttr

Interfaces:

■   Console or SMCCMDS data set

■   UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

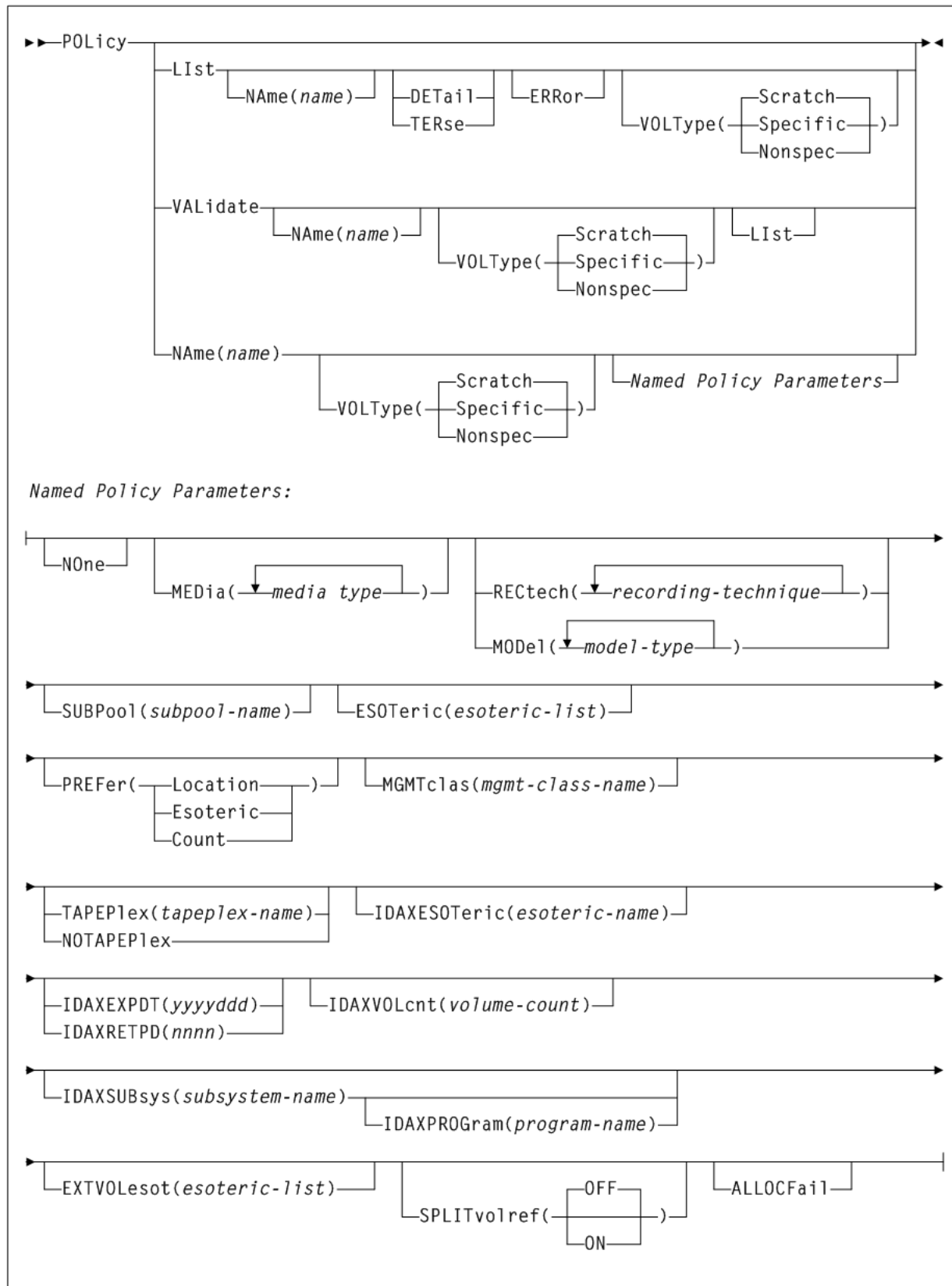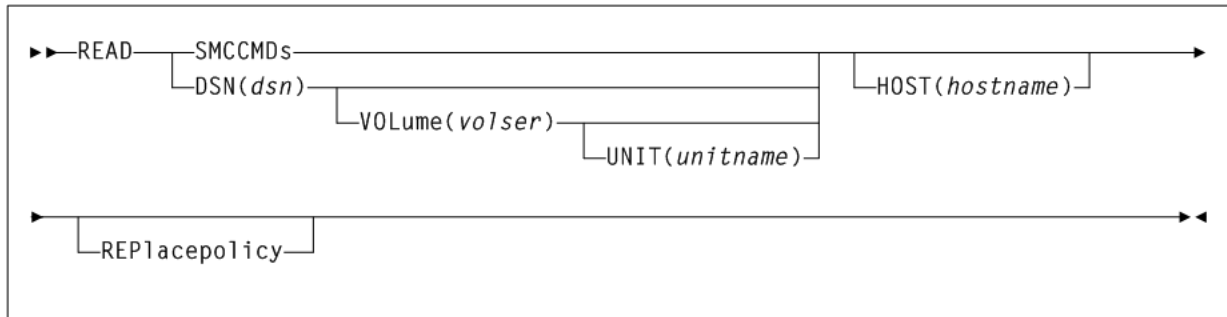Active SMC required, or may be input to the SMCUSIM utility

Figure 1–42   UNITAttr syntax

```
                ┌─LIst───────────────────────────────────────────────┐
►►──UNITAttr────┤                                                     ├──►◄
                ├─ADDRess(──┬─devnum───────────┬──)──┬─Device Attributes─┬─┬─LIst─┐
                │           ├─devnum-range──────┤     └─OFF───────────────┘
                │           │   ┌─,──────────┐  │
                │           └───┴─devnum-list─┘  │
                │
                └─ESOTeric(esoteric-name)────┬─Device Attributes─┬──┬─LIst─┐
                                             └─OFF───────────────┘

Device Attributes:

├──MODEL(model-type)─────────────────────────────────────────────────┤
                     ├─TAPEPlex(──┬─tapeplex-name──┬─)─┤
                     │            └─NONE───────────┘
                     └─NOTAPEPlex──────────────────

Note: TAPEPlex is required when MOdel(VIRTUAL) is specified.
```

USERMsg

Interfaces:

- Console or SMCPARMS data set
- UUI Support: Yes (No XML/CSV output)

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

Figure 1–43   USERMsg syntax

```
 ►►─USERMsg─┬──LISt──────┬─────────────────────────────────────────►◄
            └─ID(msgid)──┘
```
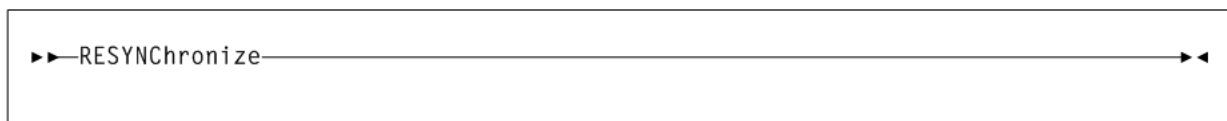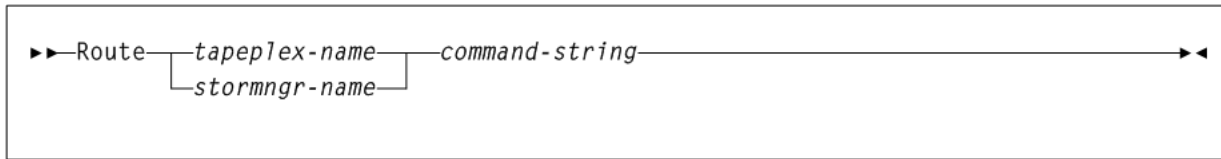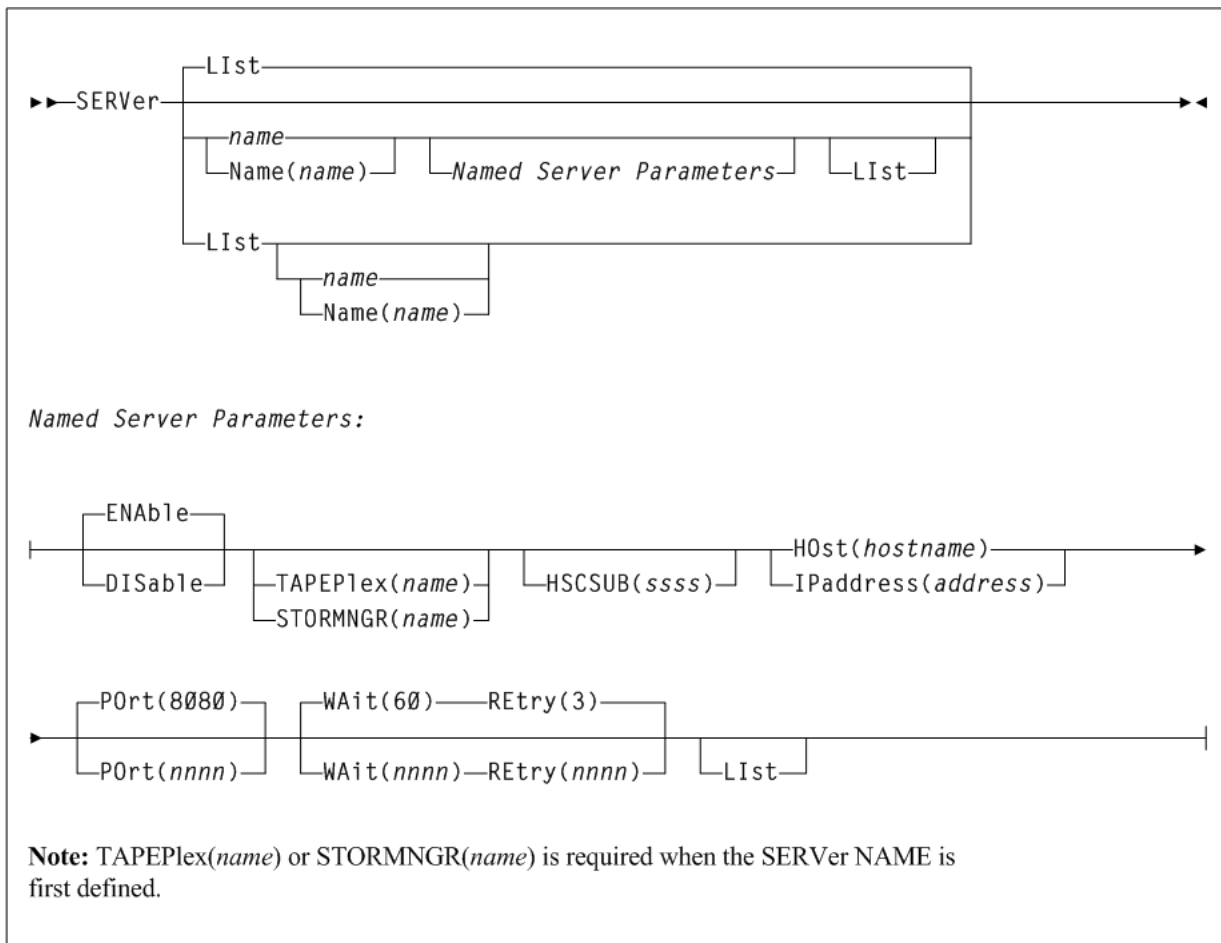
VMSG

Interfaces:

- Console, utility, SMCCMDS or SMCPARMS data set
- UUI Support: Yes (no XML/CSV output)

Subsystem Requirements:

Active SMC required

Figure 1–44   VMSG syntax

```
►►─VMSG─┬─────────────────────────────────────────────────────────────┬─►◄
        │       ┌─LIst─┐                                               │
        ├───────┴──────┴──────────────────────────────────────────────┤
        ├─STArt SERVER SSSSSSSS─┬───────────────────┬──────────────────┤
        │                       └┤ STArt Parameters ├┘                 │
        │                                                              │
        ├─STOp SERVER SSSSSSSS──────────────────────────────────────────┤
        ├─PREfix PPPPPPPP──SERVER SSSSSSSS───────────────────────────────┤
        └─LIst─┬─────────────────────┬──────────────────────────────────┘
               └─SERVER SSSSSSSS──────┘
```

STArt Parameters:

```
├─┬─────────────────────────┬──┬───────────────────┬─┤
  │        ┌─ALL────┐        │  └─PREfix PPPPPPPP────┘
  └─TYpe─┬─┴────────┴─┬──────┘
         ├─WTO────────┤
         ├─WTOR───────┤
         ├─HILITE─────┤
         └─ALL────────┘
```

XCLIENT

Interfaces:

- Console, utility, SMCCMDS data set, or SMCPARMS data set
- UUI Support: Yes, supports XML and CSV

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

Figure 1–45   XCLIENT syntax

```
          ┌─LIst──────────────┐
►►─XCLIENT─┼───────────────────┼──┬──────────────────┬──┬──────────────┬─►◄
          ├─HOst(HHHHHHHH)─────┤  ├─NAme(CCCCC)───────┤  └─PROTver(Ø|1)─┘
          └─IPaddress(NN.NN.NN.NN)─┘  └─PORTrange(N-N)─┘
```
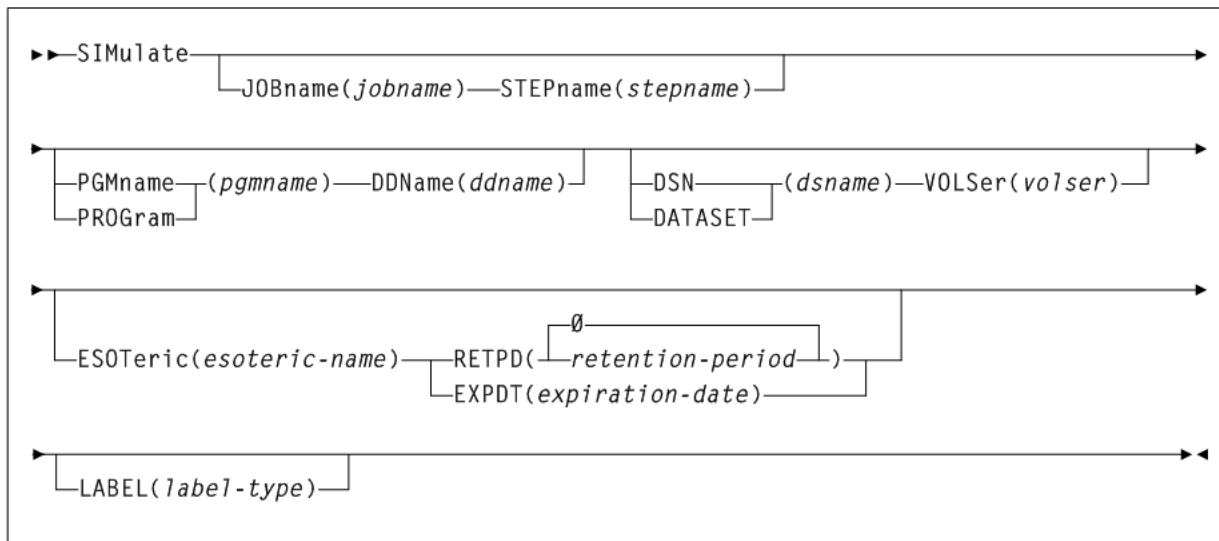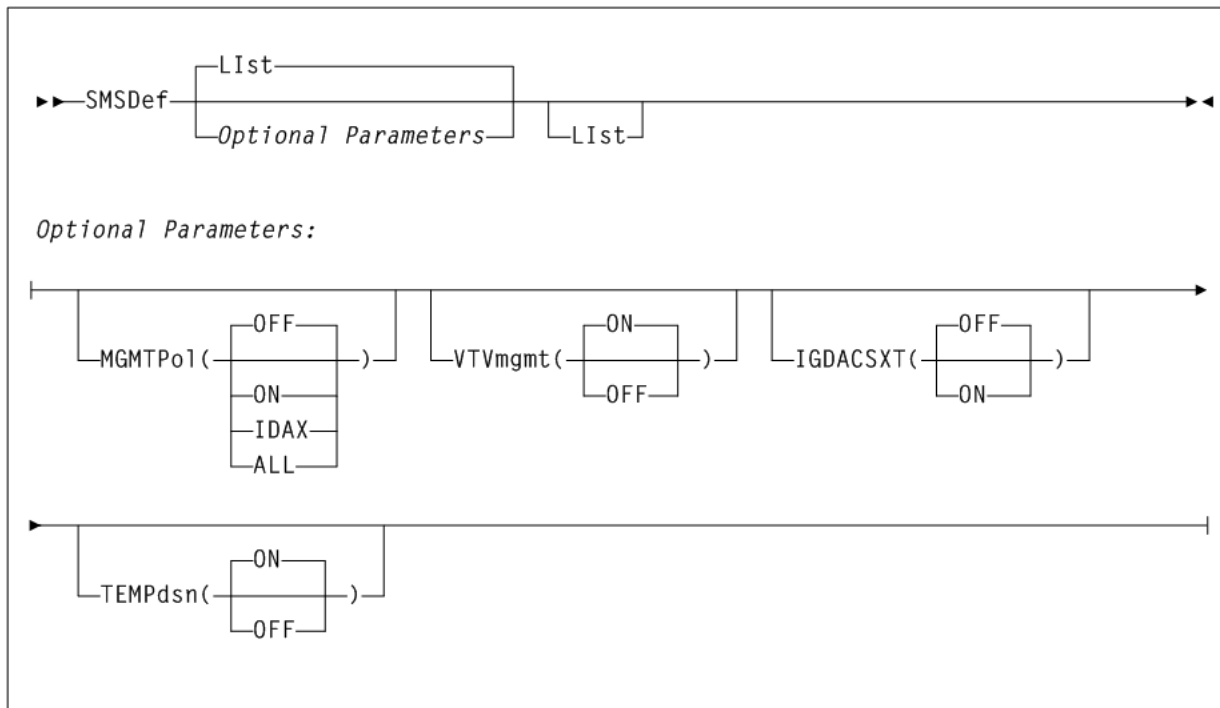
XUDB

Interfaces:

- Console, utility, SMCCMDS data set, or SMCPARMS data set
- UUI Support: Yes, supports XML and CSV

Subsystem Requirements:

Active SMC required, or may be input to the SMCUSIM utility

Figure 1–46   XUDB syntax

```
                   ┌─LIst─────────────────────────────────────────┐
►►─XUDB────────────┼──────────────────────────────────────────────┼──►◄
                   ├─ADD────────USER(UUUUUUUU)─PASSword(PPPPPP)─────┤
                   ├─UPDate──────USER(UUUUUUUU)─PASSword(PPPPPP)────┤
                   ├─DELete─────USER(UUUUUUUU)──────────────────────┤
                   └─List───────USER(UUUUUUUU)──────────────────────┘
```

2

HSC and VTCS Commands and Control Statements

This chapter contains syntax for HSC and VTCS commands and control statements. Interface and subsystem requirement information is included with each command.

Control statements that are loaded by an operator command are described along with that command.

For detailed information about the commands and control statements included in this publication, and the interfaces used to issue them, refer to the *ELS Command, Control Statement, and Utility Reference*.

ACTIvities

Interfaces:

■ `SLUADMIN` utility only

■ UUI Support: No

Subsystem Requirements:

Active HSC not required

Figure 2–1 ACTIvities syntax

```
►►──ACTIvities──────────────────────────────────────────────────►◄
                  ┌─TODAY──────┐  ┌─00:00:00──────┐
                  └─BEGIN(─┴─begin-date─┴─,─┴─begin-time─┴─)─┘


  ►───────────────────────────────────────────────────────────►◄
                ┌─TODAY──────┐  ┌─00:00:00──────┐
                └─END(─┴─end-date─┴─,─┴─end-time─┴─)─┘
```

ACTMVCgn

Interfaces:

■ `SLUADMIN` utility only

■ UUI Support: Yes

Subsystem Requirements:

Active HSC required only when specifying the MVCPOOL parameter

Figure 2–2   ACTMVCgn syntax

```
►►─ACTMVCgn─┬─────────────────────────┬──┬──────────────────────────────┬──►
            │        ┌─,─┐             │  │         ┌─,─┐                │
            ├─ACS(───┴─acs-id─┴─)──────┤  └─MVCPOOL(─┴─mvcpool-name─┴─)─┘
            │        ┌─,─┐             │
            └─STORMNGR(─┴─stormngr─┴─)─┘
►─┬───────┬──────────────────────────────────────────────────────────────►◄
  └─ALL──┘
```

ARCHive

Interfaces:

- Utility only
- UUI Support: Yes

Subsystem Requirements:

Active HSC not required

Figure 2–3   ARCHive syntax

```
►►─ARCHive─┬───────────────────────────────────────────────┬──►
           ├─MGMTclas(mgmt-class-name1...mgmt-class-namen)─┤
           └─VTVid(vtv-list | vtv-range)──────────────────┘
►─┬───────────┬──┬──────────┬──┬────────────┬──┬─POLICYdd(ddname)─┬──►◄
  └─MAXMVC(nn)─┘  └─CONMVC(nn)─┘  └─ELAPSE(nnnn)─┘  └─MOVEVTV────────┘
```

AUDit

Interfaces:

- Utility only
- Yes, when MVC or VTSS is specified

Subsystem Requirements:

- Active HSC/VTCS (AUDit MVC, VTSS, or INVLDMIR)
- Active HSC at FULL service level (all others)

Figure 2–4 AUDit syntax

BACKup

Interfaces:

- `SLUADMIN` utility only
- UUI Support: No

Subsystem Requirements:

Active HSC not required

Note: Backup to tape is not supported.

Figure 2–5   BACKup syntax

```
►►──BACKup──────────────────────────────────────────────────────────►◄
```

CANcel

Interfaces:

■ Console or utility

■ UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–6   CANcel syntax

```
►►──CANcel──┬──ID(process-id)──────────────────────────────►◄
            └──Type(──┬──ALL──────┬──)──┘
                      ├──MIGrate──┤
                      ├──RECAll───┤
                      └──RECLaim──┘
```

CAPPref

Interfaces:

■ Console or PARMLIB

■ UUI Support: No

Subsystem Requirements:

Active HSC at FULL service level

Figure 2–7   CAPPref syntax

```
►►──CAPPref─prefvlue──┬──lsm-id──────┬──┬────────┬──┬────────┬──►◄
                      ├──cap-id──────┤  └─host-id─┘  ├──AUTO───┤
                      ├──cap-range───┤               └──MANual─┘
                      │    ┌──,───┐  │
                      └──(─▼─cap-list─┴─)─┘
```

CDs

Interfaces:

■ Console or PARMLIB

■ UUI Support: No

Subsystem Requirements:

Active HSC at BASE or FULL service level

Figure 2–8 CDs syntax

```
►►─CDs─┬─Enable─DSn(dsn)──────────────────────────────────────────────────┬─►◄
       │                ├─NEWLoc─┤   └─NEWVol(volser),NEWUnit(unitname)─┘   │
       │                                                                   │
       ├─Disable─┬─DSn(dsn)──┬────────────────────────────────────────────┤
       │         ├─Primary───┤                                            │
       │         ├─SEcndry───┤                                            │
       │         └─STandby───┘                                            │
       │                                                                   │
       └─EXpand──────────────────────────────────────────────────────────┘
```

CDSCREat

Interfaces:

- SLUADMIN utility only

- UUI Support: Yes

Subsystem Requirements:

None.

Figure 2–9 CDSCREat syntax

```
                                                        ┌─255─┐
►►─CDSCREat─HOSTid(hostid-list)──┬──────────────┬─SMF─┴─nnn─┴──────────────►
                                 └─COMPRFX(hh)─┘

       ┌─SL──┐                                         ┌─NONE────┐
►──SCRLABL(─┼─AL──┼─)─DRVHOST(hostname)─TCHNIQE(─┼─SHADOW──┼─)──────────────►
       ├─NL──┤                                         └─STANDBY─┘
       └─NSL─┘

       ┌─STKALSQN─┐
►──MAJNAME(─┴─name─────┴─)─TAPEPLEX(tapeplex-name)─OVRLAYOK──────────────►◄
```

CDSDAta

Interfaces:

- Utility only

- UUI Support: Yes

Subsystem Requirements:

Active HSC not required

Figure 2–10   CDSDAta syntax

```
►►─CDSDAta──TYPE(───VOLPOOL──)────────────────────────────►◄
                  ├─MVCPOOL─┤
                  ├─SCRPOOL─┤
                  ├─CDS─────┤
                  ├─CAP─────┤
                  ├─LSM─────┤
                  └─DRV─────┘
```

CDSDEF

Interfaces:

- `PARMLIB` only
- UUI Support: No

Subsystem Requirements:

None.

Figure 2–11   CDSDEF syntax

```
►►──CDSDEF───DSN1(dataset-name)──────────────────────────────►
                           └─,VOL1(volser),UNIT1(unitname)─┘

►───,DSN2(dataset-name)───────────────────────────────────────►
                     └─,VOL2(volser),UNIT2(unitname)─┘

►───,DSN3(dataset-name)───────────────────────────────────────►◄
                     └─,VOL3(volser),UNIT3(unitname)─┘  └─,DISABLE─┘
```

CLean

Interfaces:

- Console or `PARMLIB`
- UUI Support: No

Subsystem Requirements:

Active HSC at `FULL` service level

Figure 2–12   CLean syntax

```
►►─CLean─┬─dev-id────────┬──┬────────┬──┬──────┬─────────────────────►◄
         ├─dev-range─────┤  └─host-id─┘  └─IMMED─┘
         │      ┌─,──────┐│
         └─(─▼─dev-list──┴─)─┘
```

COMMPath

Interfaces:

- Console or `PARMLIB` only

- UUI Support: No

Subsystem Requirements:

Active HSC at `BASE` or `FULL` service level

Figure 2–13   COMMPath syntax

```
►►─COMMPath───HOSTid(host-id)────────────────────────────────────────────►

 ►─METHod(──┬─CDS──────────┬──)────────────────────────────────────────►◄
 │          │─LMU─┐        │    └─path-def(s)─┘
 │          │     └─,acs-id─┘
 │          │─VTAM─────────┤
 │          └─TCP──────────┘
 │
 └─DELete──┬─────────────┐
           └─path-def(s)─┘


path-def(s) can be one or more of the following:

├──┬─LMUpath(─┬─acs-id────┬──)─┐──────────────────────────────────────────┤
   │          │─acs_range─┤    │
   │          │    ┌─,──┐ │    │
   │          └─◄──acs-list─┘  │

├──┬─VTAMpath(applid)─┐───────────────────────────────────────────────────┤

├──┬─TCPpath(─┬─hostname──────┬──)─┐──────────────────────────────────────┤
   │          │       └─/port─┘    │
   │          │─ipaddress─────┤    │
   │          │       └─/port─┘    │
   │          └─*─┐               │
   │            └─/port─┘          │
```

CONFIg

Interfaces:

- Utility only
- UUI Support: Yes

Subsystem Requirements:

Active HSC not required, and must be down on all hosts when running CONFIG RESET.

Figure 2–14 CONFIg syntax

```
►►─CONFIg────────────────────────────────────────────────────────────────►◄
            └─RESET─┘  └─CDSLEVEL(──┬─V61ABOVE───┬─)─┘   └─NOUPDATE─┘
                                    ├─V62ABOVE───┤
                                    ├─V71ABOVE───┤
                                    └─V73ABOVE───┘
```

CONFIg CLINK

Figure 2–15 CONFIg CLINK syntax

```
►►─CLINK────────────────┬─CHANIF=ci|ci:p─┬──────────────────────────────────►◄
            └─VTSS=name─┘  └─IPIF=ci:p──────┘  └─REMPlex=name─┘  └─PARTner=name─┘
```

CONFIg CLUSTER

Figure 2–16 CONFIg CLUSTER syntax

```
►►─CLUSTER──NAME=nnnnnnnn──VTSSs(vtss-list)──────────────────────────────────►◄
```

CONFIg GLOBAL

Figure 2–17   CONFIg CLOBAL syntax

CONFIg HOST

Figure 2–18   CONFIg HOST syntax

```
►►─HOST───NAME=xxxx──────────────────────────────────────────────────────►◄
                        └─NOMIGRAT─┘  └─NORECLAM─┘         ┌─CHANNEL─┐
                                               └─CMDCONN=──┤         ├─
                                                           └─TCPIP───┘
```

CONFIg MVCVOL

Figure 2–19   CONFIg MVCVOL syntax

```
►──MVCVOL──LOW=xxxxxx──HIGH=xxxxxx──────────────────────────────────────►◄
```

CONFIg RECLAIM

Figure 2–20   CONFIg RECLAIM syntax

```
►►─RECLAIM───────────────────────────────────────────────────────────────►
           └─THRESHLD=nn─┘ └─VLTHRES=nn─┘ └─MAXMVC=nn─┘ └─START=nn─┘

►───────────────────────────────────────────────────────────────────────►◄
     └─CONMVC=nn─┘ └─INPLACE=──YES──────────────────┘ └─PROTECT=nn─┘
                            └─NO──┘ └─INPTHRSH=nn─┘
```

CONFIg RTDpath

Figure 2–21   CONFIg RTDpath syntax

```
►►─RTDpath─NAME=xxxxxxxx──────────────────────────────────────────────────►◄
                          └─STORMNGR=stormngr─┘ └─IPIF=ci:p──────────────┘
                                                └─DEVNO=nnnn──CHANIF=ci|ci:p─┘
```

CONFIg STORMNGR

Figure 2–22   CONFIg STORMNGR syntax

```
►►─STORMNGR──NAME=name───────────────────────────────────────────►◄
                        └─VLEDEV(device-id-list)─┘
```

CONFIg TAPEPLEX

Figure 2–23   CONFIg TAPEPLEX syntax

```
►►─TAPEPLEX──THISPLEX=name───────────────────────────────────────►
                         └─RECVPLEX(tapeplex-list)─┘

►────────────────────────────────────────────────────────────────►◄
    └─STORMNGR(stormngr-list)─┘
```

CONFIg VTD

Figure 2–24   CONFIg VTD syntax

```
►►─VTD──LOW=xxxx──HIGH=xxxx──────────────────────────────────────►◄
                          └─CUADDR=xx─┘  └─NOVERIFY─┘
```

CONFIg VTSS

Figure 2–25   CONFIg VTSS syntax

```
►►─VTSS──NAME=xxxxxxxx──────────────────────────────────────────────►
                      └─DEFLTACS=acs-id─┘ └─LOW=nn─┘ └─HIGH=nn─┘

►──────────────────────────────────────────────────────────────────►◄
  └─MAXMIG=n─┘  └─MINMIG=n─┘  └─RETAIN=nn─┘  └─NOERLYMT─┘

►──────────────────────────────────────────────────────────────────►◄
  ┌─────────┐                                             
  └─CMDCONN=─┬─CHANNEL─┬─┘  └─IPCONN=(namelist)─┘  └─NOGT256─┘
            └─TCPIP───┘
```

CONFIg VTVVOL

Figure 2–26   CONFIg VTVVOL syntax

```
►──VTVVOL──LOW=xxxxxx──HIGH=xxxxxx──────────────────────────────────────►◄
                                        └─SCRATCH─┘
```

CONSolid

Interfaces:

■   Console or utility

■   UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–27   CONSolid syntax

```
►►──CONSolid─────────────────────────────────────────────────────────►◄
              ┌─VTV(──┬─volser────┬──)─────────┐      ┌──NO──┐
              │       ├─vol-range──┤            │      └─RECALWER(─┼──────┼─)─┘
              │       │  ┌─,─┐     │                           └─YES─┘
              │       └──▼─vol-list─┘            │
              │                                  │
              └─MGMTclas(──┬─mgmt-class-name──────┬──)─┘
                           │   ┌─,─┐              │
                           └──▼─mgmt-class-list──┘
```

DBSERVer

Interfaces:

■   Console or Utility only

■   UUI Support: No

Subsystem Requirements:

Active HSC required. VTCS must not be active.

Figure 2–28 DBSERVer syntax

```
►►──DBSERVer───────────────────────────────────────────────────►◄
           ├─LIST──────┤
           ├─RESET─────┤
           ├─START─────┤
           │      └─start options─┘
           └─STOP──────┤
                  └─FORCE─┘


start options:

├───────────────────────────────────────────────────────────────►
     └─PORT(nnnn)─┘  └─TASKS(nn)─┘  └─RTIMEOUT(nnnnn)─┘  └─RTMSG(nnnnn)─┘

►───────────────────────────────────────────────────────────────┤
     └─MAXDATA(nnnn)─┘
```

DEComp

Interfaces:

■ Utility only

■ UUI Support: Yes

Subsystem Requirements:

Active HSC not required

Figure 2–29   DEComp syntax

```
►►──DEComp──────────────────────────────────────────────────────►◄
        └─FLATdd(ddname)─┘  └─LISTDELR─┘
```

DELETSCR

Interfaces:

■ Utility only

■ UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–30   DELETSCR syntax

DIRBLD

Interfaces:

- Utility only
- UUI Support: No

Subsystem Requirements:

Active HSC not required

Figure 2–31   DIRBLD syntax

DISMount

Interfaces:

- Console or utility
- UUI Support: Yes

Subsystem Requirements:

Active HSC at FULL service level

Figure 2–32   DISMount syntax

Display Acs

Interfaces:

- Console or utility
- UUI Support: Yes

Subsystem Requirements:

Active HSC at FULL service level

Figure 2–33   Display Acs syntax

```
►►─┬─Display─┬─Acs──────────────────────────────────────►◄
   └─Query───┘   ├─acs-id──────┤
                 ├─acs-range───┤
                 │      ┌─,──────┐  │
                 └─(─▼─acs-list─┴─)─┘
```

Display ACTive

Interfaces:

- Console or utility
- UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–34   Display ACTive syntax

```
►►─┬─Display─┬─ACTive────────────────────────────────────►◄
   └─Query───┘       └─DETail─┬──────────────────┘
                             └─VTSS(vtss-name)─┘
```

Display ALI

Interfaces:

- Console or PARMLIB only
- UUI Support: No

Subsystem Requirements:

Active HSC at FULL service level

Figure 2–35   Display ALI syntax

```
►►──┬─Display─┬──AL1──────────────────────────────────────────►◄
    └─Query───┘
```

Display Cap

Interfaces:

- Console or utility
- UUI Support: Yes

Subsystem Requirements:

Active HSC at FULL service level

Figure 2–36   Display Cap syntax

```
                    ┌─(all CAPs)─┐
►►──┬─Display─┬──Cap─┤            ├─────────────────────────────►◄
    └─Query───┘      ├─acs-id─────┤
                     ├─lsm-id─────┤
                     └─cap-id─────┘
```

Display CDS

Interfaces:

- Console or utility
- UUI Support: Yes

Subsystem Requirements:

Active HSC at BASE or FULL service level

Figure 2–37   Display CDS syntax

```
►►──┬─Display─┬──CDS──────────────────────────────────────────►◄
    └─Query───┘
```

Display CLlnk

Interfaces:

- Console or utility
- UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–38   Display CLInk syntax

```
►►──┬─Display─┬──CLInk────────────────────────────────────────────►◄
    └─Query───┘      └─FROMvtss(vtss-name)─┘    ┬─INuse─┬
                                                └─ERror─┘
```

Display CLUster

Interfaces:

■   Console or utility

■   UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–39   Display CLUster syntax

```
►►──┬─Display─┬──CLUster──────────────────────────────────────────►◄
    └─Query───┘
```

Display CMD

Interfaces:

■   Console or utility

■   UUI Support: Yes

Subsystem Requirements:

Active HSC at BASE or FULL service level

Figure 2–40   Display CMD syntax

```
►►──┬─Display─┬──┬─CMD──────┬─────────────────────────────────────►◄
    └─Query───┘  └─COmmand──┘    └─command-name─┘
```

Display COMMPath

Interfaces:

■   Console or PARMLIB only

■   UUI Support: No

Subsystem Requirements:

Active HSC at `BASE` or `FULL` service level

Figure 2–41   Display COMMPath syntax

```
►►──┬─Display─┬──COMMPath──────────────────────────────────────►◄
    └─Query───┘        ┌──*───┐
                └─HOSTid(─┬─ALL──────┬───)
                         ├─host-id──┤
                         │ ┌──────┐ │
                         └─▼host-list─┘
```

Display CONFIG

Interfaces:

■   Console or utility

■   UUI Support: Yes

Subsystem Requirements:

Active HSC at `FULL` service level

Figure 2–42   Display CONFIG syntax

```
►►──┬─Display─┬──CONFIG─────────────────────────────────────────►◄
    └─Query───┘
```

Display DRives

Interfaces:

■   Console or utility

■   UUI Support: Yes

Subsystem Requirements:

Active HSC at `FULL` service level

Figure 2–43   Display DRives syntax

```
          ┌─Library─────┐  ┌─ACtive─┐  ┌─BYDrive──┐
►►─┬─Display─┬─DRives─┼─ACS(acs-id)──┼──┼─Idle───┼──┼─BYLoc────┼──────────►
   └─Query───┘         └─LSM(lsm-id)─┘  └─ALl────┘  └─SHOWSlot─┘  ┌─DETail───┐
                                                                 ├─IDEntity─┤
                                                                 └──────────┘

►──┬────────────────────┬──┬─RECtech(recording-technique)─┬──────────────────►
   └─MEDia(media-type)──┘  └─MODel(model-type)────────────┘

►──┬──────────────────────────────┬─────────────────────────────────────────►◄
   └─Unit(─┬─unit-address───────┬─)─┘
           └─unit-address range─┘
```

Display DRIVE_INFO

Interfaces:

■   Console or utility

■   UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–44   Display DRIVE_INFO syntax

```
►►─┬─Display─┬──┬─DRIVE_INFO─┬──────────────────────────────────►◄
   └─Query───┘  └─DRV_Info───┘

►─┬─────────────────────────────────────────────────────────┬─►◄
  └─ACtive─┬─LIBRARY───────────────────────────────────────┐
           ├─LSMloc(lsm-id)────────────────────────────────┤
           │    └─MODel(─▼─model-type─┬─)───────────────────┤
           │    └─RECTech(─▼─recording-technique─┬─)────────┤
           │
           ├─MODel(─▼─model-type─┬─)──────────────────────────┤
           ├─RECTech(─▼─recording-technique─┬─)───────────────┤
           ├─VIRTual───────────────────────────────────────┘
           │
           ├─DEVADDR(device-address)──────────────────────────
           ├─DRVLOC(drive-location)───────────────────────────
           ├─LIBLOC(drive-id)─────────────────────────────────
           │
           ├─MODel(─▼─model-type─┬─)──────────────────────────
           │                          └─LSMloc(lsm-id)─┘
           └─RECTech(─▼─recording-technique─┬─)───────────────
```

Display EXceptns

Interfaces:

- Console or `PARMLIB` only
- UUI Support: No

Subsystem Requirements:

Active HSC at `FULL` service level

Figure 2–45   Display EXceptns syntax

```
►►─┬─Display─┬──┬─EXceptns─┬──────────────────────────────────►◄
   └─Query───┘  └─X────────┘
```
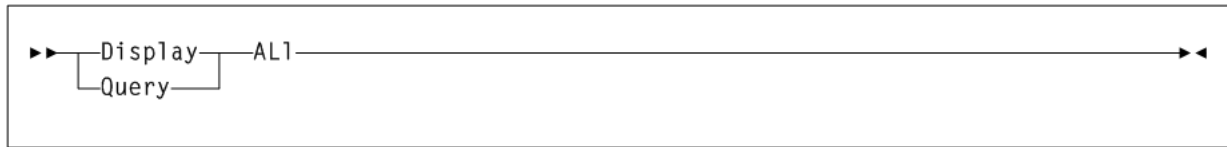
Display LINKSto

Interfaces:

- Console or `PARMLIB`
- UUI Support: No

Subsystem Requirements:

Active HSC at BASE or FULL service level

Figure 2–46   Display LINKSto syntax

```
►►──┬─Display─┬──LINKSto──────────────┬──────────────────────────┬──┬─INuse─┬──►◄
    └─Query───┘        └─vtss-name─┘       └─FROMvtss(vtss-name)─┘  └─ERror─┘
```

Display LMUPDEF

Interfaces:

- Console or PARMLIB only
- UUI Support: No

Subsystem Requirements:

Active HSC at BASE or FULL service level

Figure 2–47   Display LMUPDEF syntax

```
►►──┬─Display─┬──LMUPDEF─────────────────────────────────────────────────────►◄
    └─Query───┘
```

Display LOCKs

Interfaces:

- Console or utility
- UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–48   Display LOCKs syntax

```
►►──┬─Display─┬──LOCKs──────────────────────────────────────────────────────►◄
    └─Query───┘
```
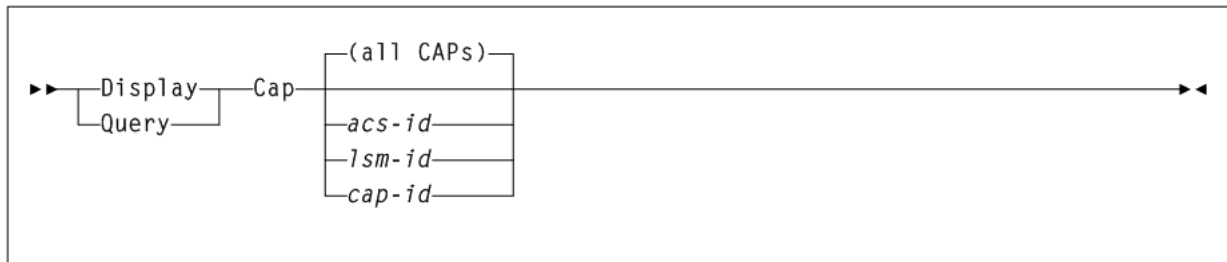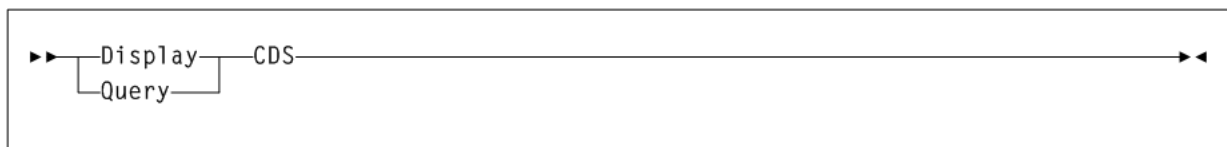
Display Lsm

Interfaces:

- Console or utility
- UUI Support: Yes

Subsystem Requirements:

Active HSC at FULL service level

Figure 2–49   Display Lsm syntax

```
►►──┬─Display─┬──Lsm──┬─────────────┬──┬──────────────────┬──►◄
    └─Query───┘       ├─lsm-id──────┤  └─DETail(─┬─Yes─┬─)─┘
                      ├─lsm-range───┤            └─No──┘
                      │    ┌─,─────┐│
                      └─(──▼─lsm-list─┴─)─┘
```

Display Message

Interfaces:

■ Console or utility

■ UUI Support: Yes

Subsystem Requirements:

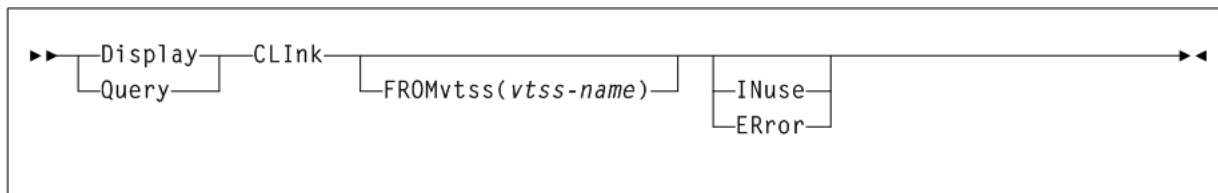Active HSC at BASE or FULL service level

Figure 2–50   Display Message syntax

```
►►──┬─Display─┬──┬─Message─┬──┬─msgnum─────┬────────────────────►◄
    └─Query───┘  └─Msg─────┘  ├─msg-range──┤
                              │ ┌─────────┐│
                              └─▼─msg-list─┴┘
```

Note: *msg-range* and *msg-list* are only valid when the Display Message command is issued from a utility or programmatic interface.

Display MGMTDEF

Interfaces:

■ Console or PARMLIB only

■ UUI Support: No

Subsystem Requirements:

Active HSC at BASE or FULL service level

Figure 2–51   Display MGMTDEF syntax

```
►►──┬─Display─┬──MGMTDEF───────────────────────────────────────►◄
    └─Query───┘
```

Display MIGrate

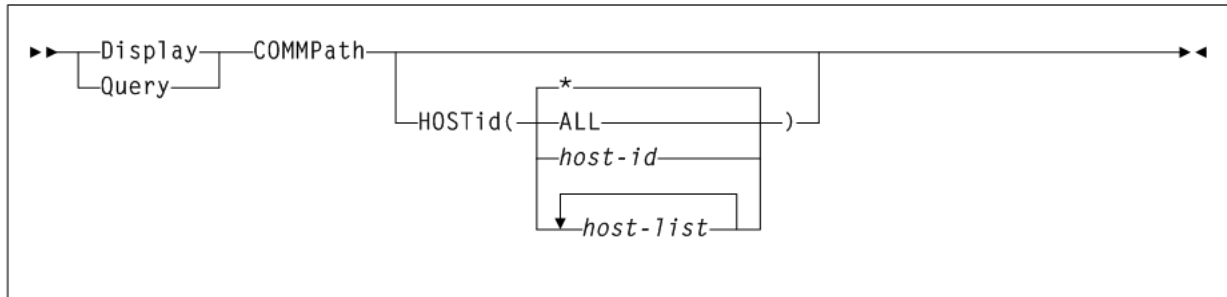**Interfaces:**

■ Console or utility

■ UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–52   Display MIGrate syntax

```
►►──┬─Display─┬──MIGrate──┬───────────────────────────────────────────────────────►◄
    └─Query───┘           ├─VTSS(vtss-name)─────────┐
    │                     │                  └─DETail─┘
    │                     ├─DETail──────────────────────────────────────────────┐
    │                     ├─AUTO(stor-clas-name)────────VTSS(vtss-name)─LISTVTVS──┤
    │                     └─DELAY(stor-clas-name)──┘
```

Display MNTD

Interfaces:

■ Console or `PARMLIB` only

■ UUI Support: No

Subsystem Requirements:

Active HSC at `BASE` or `FULL` service level

Figure 2–53   Display MNTD syntax

```
►►──┬─Display─┬──MNTD────────────────────────────────────────────────────────────►◄
    └─Query───┘
```

Display MONitor

Interfaces:

■ Console or `PARMLIB` only

■ UUI Support: No

Subsystem Requirements:

Active HSC at `BASE` or `FULL` service level
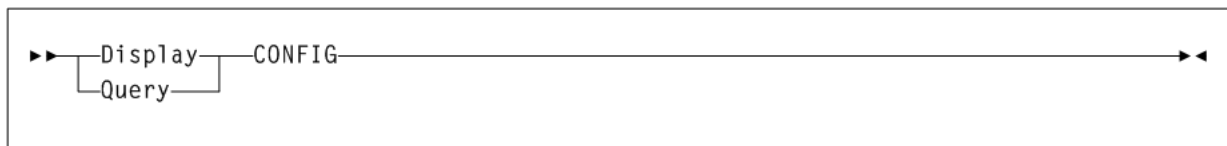
Figure 2–54   Display MONitor syntax

```
►►─┬─Display─┬─MONitor─┬──────┬──┬──────────────────┬──────────────►◄
   └─Query───┘         └─,PGMI┘  └─,L(─┬─cc───┬─)──┘
                                       └─name─┘
```

Display MVC

Interfaces:

■ Console or utility

■ UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–55   Display MVC syntax

```
►►─┬─Display─┬──MVC(volser)────────────────────────────────────►◄
   └─Query───┘
```

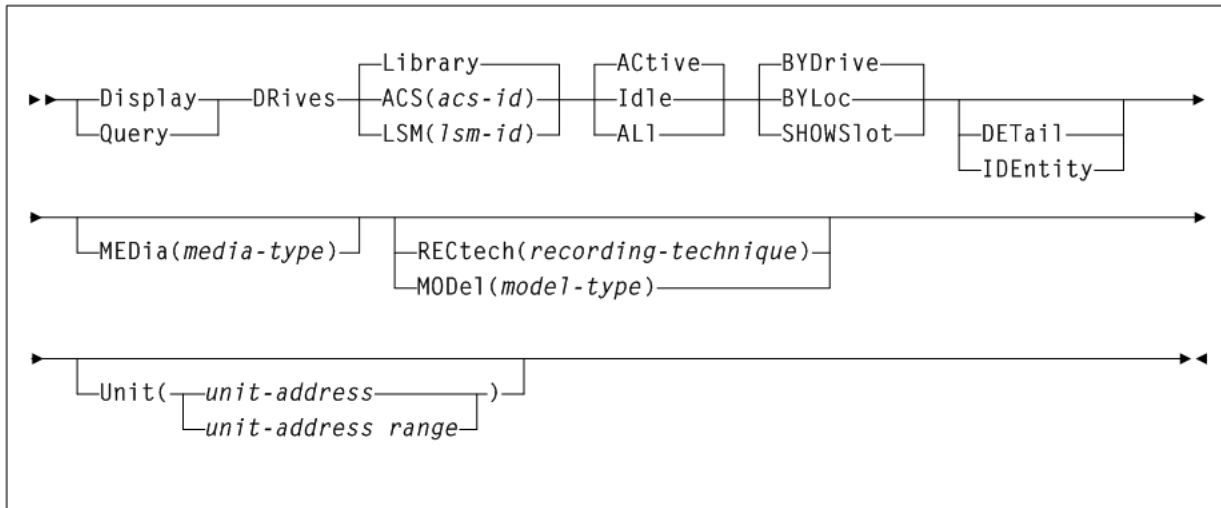# Display MVCPool

Interfaces:

■ Console or utility

■ UUI Support: Yes

Subsystem Requirements:

Active HSC at FULL service level

Figure 2–56   Display MVCPool syntax

```
►►─┬─Display─┬──MVCPool─┬────────────────┬──┬─────────────────────────┬────►
   └─Query───┘          └─NAME(poolname)─┘  └─STORCLAS(stor-clas-name)─┘

   ►──┬─────────┬──────────────────────────────────────────────────────────►◄
      ├─SPACE──┤
      └─COUNTS─┘
```
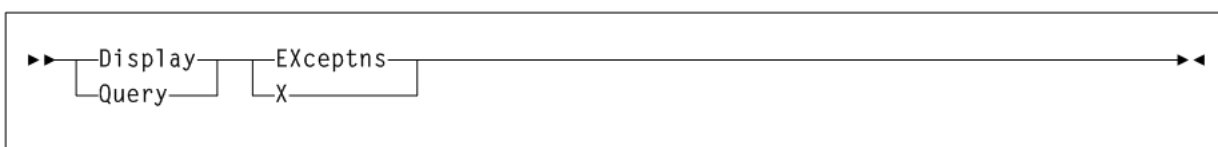
Display OPTion

Interfaces:

■ Console or PARMLIB only

■ UUI Support: No

Subsystem Requirements:

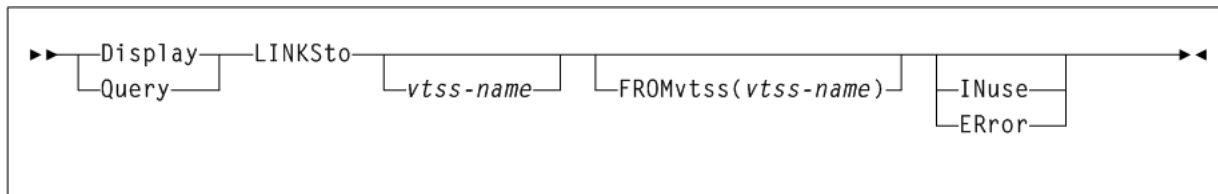Active HSC at BASE or FULL service level

Figure 2–57   Display OPTion syntax

```
►►──┬─Display─┬──OPTion────────────────────────────────►◄
    └─Query───┘
```

Display PATH

Interfaces:

■   Console or PARMLIB only

■   UUI Support: No

Subsystem Requirements:

Active HSC/VTCS

Figure 2–58   Display PATH syntax

```
►►──┬─Display─┬──PATH──┬─(─┬─rtd-name──────┬─)─┬──┬─CLINK─┬──►◄
    └─Query───┘        │   └◄─rtdname-list──┘   │  └───────┘
                       └─VTSS(vtss-name)────────┘
```

Display Queue

Interfaces:

■   Console or utility

■   UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–59   Display Queue syntax

```
►►──┬─Display─┬──Queue──┬─DETail───────────────┬──►◄
    └─Query───┘         └─VTSS(vtss-name)───────┘
```

Display REPlicat

Interfaces:

- Console or utility
- UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

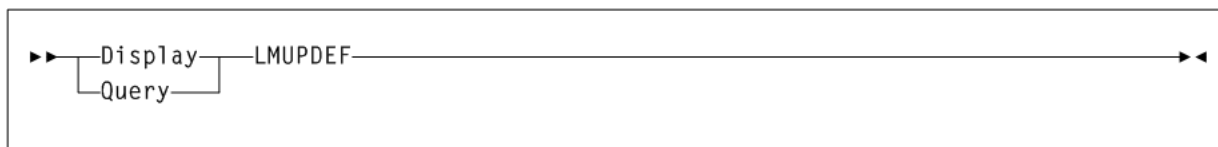*Figure 2–60   Display REPlicat syntax*

Display Requests

Interfaces:

- Console or `PARMLIB` only
- UUI Support: Yes

Subsystem Requirements:

Active HSC at `BASE` or `FULL` service level

Figure 2–61   Display Requests syntax

Display RTD

Interfaces:

- Console or utility
- UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–62   Display RTD syntax

```
►►─┬─Display─┬─RTD─┬──────────────┬──┬──────────┬───────────────►◄
   └─Query───┘     ├──(rtd)───────┤  └─QUeued───┘
                   ├──(rtd-range)─┤
                   │  ┌──────────┐│
                   └──▼─(rtd-list)─┘
```

Display SCRatch

Interfaces:

■ Console or utility

■ UUI Support: Yes

Subsystem Requirements:

Active HSC at BASE or FULL service level

Figure 2–63   Display SCRatch syntax

```
►►─┬─Display─┬─SCRatch─┬─────────┬──┬─SUBpool(subpool-name)─┬───►
   └─Query───┘         ├─acs-id──┤  └─HOSTid(name)──────────┘
                       ├─lsm-id──┤
                       └─VSM─────┘

►──┬─MEDia(media-type)──RECtech(recording-technique)─┬──┬─REFresh─┬──┬─ALL─┬──►◄
   └─DETail──────────────────────────────────────────┘  └─────────┘  └─────┘
```

Display SEN

Interfaces:

■ Console or PARMLIB only

■ UUI Support: No

Subsystem Requirements:

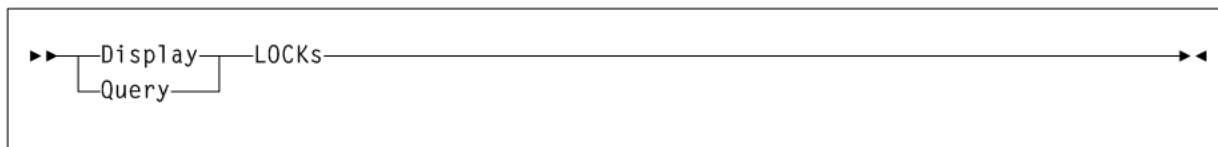Active HSC at BASE or FULL service level

Figure 2–64   Display SEN syntax

```
►►─┬─Display─┬─SEN─┬──────────────────────┬───────────────────►◄
   └─Query───┘     └─REQNAME=──LNRNAME=────┘
```

Display SERVER

Interfaces:

- Console or utility
- UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–65   Display SERVER syntax

```
►►─┬─Display─┬─SERVER──────────────────────────────────────►◄
   └─Query───┘
```
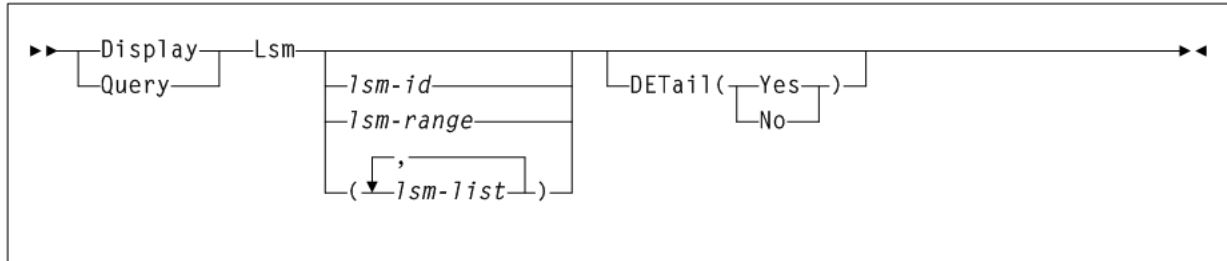
Display SRVlev

Interfaces:

- Console or utility
- UUI Support: Yes

Subsystem Requirements:

Active HSC at FULL service level

Figure 2–66   Display SRVlev syntax

```
►►─┬─Display─┬─SRVlev──────────────────────────────────────►◄
   └─Query───┘
```

Display Status

Interfaces:

- Console or PARMLIB only
- UUI Support: No

Subsystem Requirements:

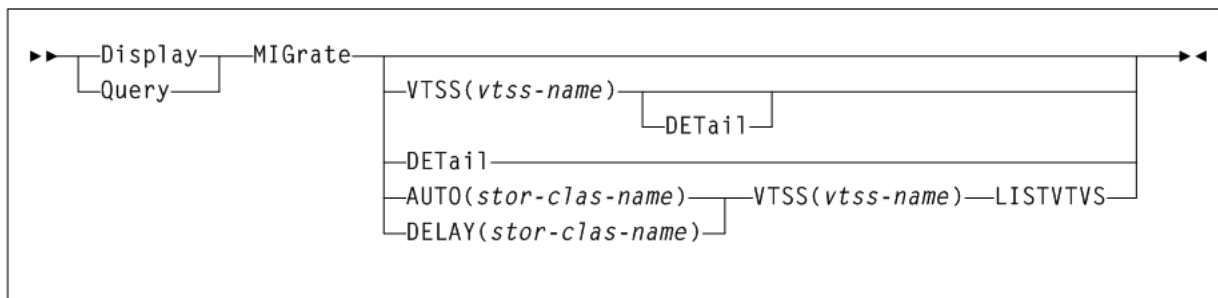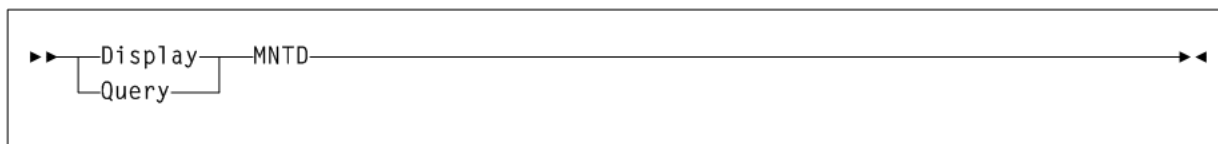Active HSC at BASE or FULL service level

Figure 2–67   Display Status syntax

```
►►─┬─Display─┬─Status──────────────────────────────────────►◄
   └─Query───┘
```

Display STORCLas

Interfaces:

- Console or utility
- UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–68   Display STORCLas syntax

```
►►─┬─Display─┬──STORCLas(stor-clas-name)──────────────────────────►◄
   └─Query───┘                     └─DETail─┘   └─MAXvtv(nnnn)─┘
```

Display STORMNgr

Interfaces:

- Console or PARMLIB only
- UUI Support: No

Subsystem Requirements:

Active HSC/VTCS

Figure 2–69   Display STORMNgr syntax

```
►►─┬─Display─┬──STORMNgr(name)───────────────────────────────────►◄
   └─Query───┘
```

Display TASKs

Interfaces:

- Console or utility
- UUI Support: Yes

Subsystem Requirements:

Active HSC at BASE or FULL service level

Figure 2–70   Display TASKs syntax

```
►►─┬─Display─┬──TASKs─────────────────────────────────────────────►◄
   └─Query───┘
```
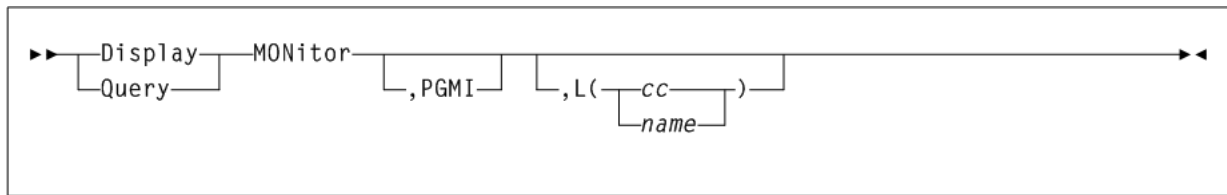
Display THReshld

Interfaces:

- Console or utility
- UUI Support: Yes

Subsystem Requirements:

Active HSC at BASE or FULL service level

Figure 2–71   Display THReshld syntax

```
►►──┬─Display─┬──THReshld──────────────────────────────────────────────────────►
    └─Query───┘         ┌─acs-id─┐  ┌─SUBpool(subpool-name)─┐
                        ├─lsm-id─┤  └─HOSTid(name)───────────┘
                        └─VSM────┘


►──┬─MEDia(media-type)──RECtech(recording-technique)─┬───┬─ALL─┬──────────────►◄
   └─DETail──────────────────────────────────────────┘   └─────┘
```

Display Volser

Interfaces:

- Console or utility
- UUI Support: Yes

Subsystem Requirements:

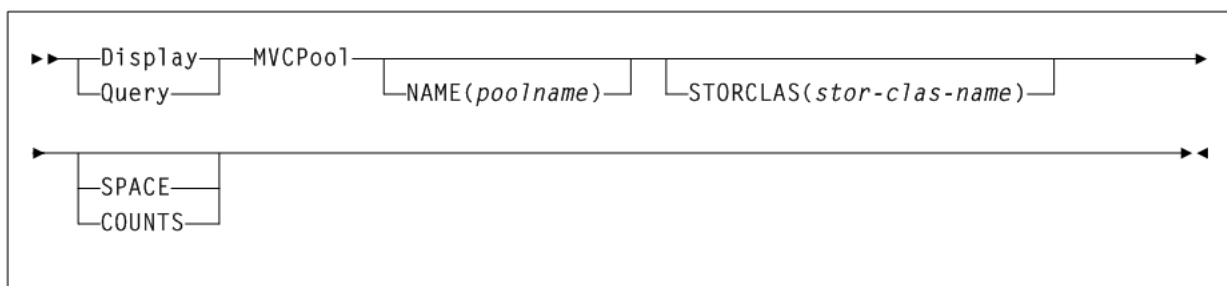Active HSC at BASE or FULL service level

Figure 2–72   Display Volser syntax

```
►►──┬─Display─┬──┬─Volser─┬──┬─volser────────┬──┬─DETail─┬──►◄
    └─Query───┘  └─Volume─┘  ├─vol-range─────┤  └────────┘
                             │      ┌─,─┐     │
                             └─(──▼─vol-list──┴─)─┘
```

Display VOLume_Info

Interfaces:

- Console or utility
- UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–73   Display VOLume_Info syntax

```
►►─┬─Display─┬──VOLume_Info─────────────────────────────────────────►◄
   └─Query───┘       ┌─VOLser─┬─volser────┐
                     │        ├─vol-range─┤
                     │        │   ┌──,──┐  │
                     │        └─(─▼─vol-list─┴─)─┘
                     └─ALL────────────────┘
```

Display VSCRatch

Interfaces:

- Console or utility
- UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–74   Display VSCRatch syntax

```
►►─┬─Display─┬──VSCRatch───────────────────────►◄
   └─Query───┘          └─(subpool-name)─┘
```

Display VTD

Interfaces:

- Console or utility
- UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–75   Display VTD syntax

```
►►─┬─Display─┬──VTD──────────────────┬─ACtive──┬──►◄
   └─Query───┘     └─VTSS(vtssname)─┘ ├─ALl─────┤
                                      ├─KNown───┤
                                      └─UNknown─┘
```

Display VTSS

Interfaces:

- Console or utility
- UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–76   Display VTSS syntax

```
►►──┬─Display─┬──┬─VTSS──────────────┬──┬───────────────┬──►◄
    └─Query───┘  └─VTSS(vtss-name)───┘  └─DETail─┬───────┤
                                                 └─DIAG──┘
```

Display VTV

Interfaces:

- Console or utility
- UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–77   Display VTV syntax

```
►►──┬─Display─┬──VTV(vtv-id)────────────────────────────────►◄
    └─Query───┘
```
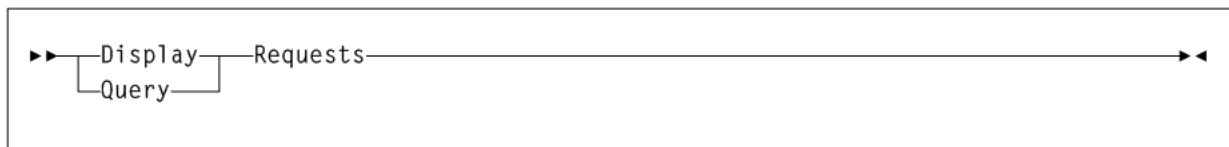
DRAin

Interfaces:

- Console or PARMLIB only
- UUI Support: No

Subsystem Requirements:

Active HSC at FULL service level

Figure 2–78   DRAin syntax

```
                        ┌─ENter─┐
►►──DRAin──┬─cap-id─────┬──┼───────┼──►◄
           │      ┌─,─┐ │  └─EJect─┘
           └─(──▼─cap-list──)─┘
```

DRCHKPT

Interfaces:

■   SLUADMIN utility only

■   UUI Support: No

Subsystem Requirements:

Active HSC/VTCS at FULL service level

Figure 2–79   DRCHKPT syntax

```
►►─DRCHKPT──┬─SET───┬────────────────────────────────────►◄
            └─CLEAR─┘
```

DRCLEAN

Interfaces:

■   SLUADMIN utility only

■   UUI Support: No

Subsystem Requirements:

Active HSC/VTCS at FULL service level

Figure 2–80   DRCLEAN syntax

```
►►─DRCLEAN──VTSS(vtss-list)──┬────────┬──┬──────────┬─────►◄
                            └─DETail─┘  └─SIMulate─┘
```

DRMONitr

Interfaces:

■   SLUADMIN utility only

■   UUI Support: No

Subsystem Requirements:

Active HSC/VTCS at FULL service level

Figure 2–81 DRMONitr syntax

```
►►─DRMONitr─┬─MGMTclas(──┬─,──┐──)─┬──────────────────────────────►
            │            └──name──┘ │   ┌─,──┐
            ├─VTVid(──┬─,───┐──)─────┤  ┌─STORclas(──┬─,──┐──)─┐
            │         └─volser─┘     │  └──────┤    └─name─┘   │
            └─DSN(──┬─,──┐──)────────┘
                    └─name─┘

►─┬──────────┬─┬──────────────┬─┬──────────────┬─►◄
  └─REPLICAT─┘ └─MAXAGE(nnn)──┘ └─TIMEOUT(nnn)──┘
```

DRTEST CREATE

Interfaces:

- `SLUADMIN` utility only
- UUI Support: No

Subsystem Requirements:

Active HSC not required

Figure 2–82 DRTEST CREATE syntax

```
►►─DRTEST──CREATE──|Options|─┬──────────┬──────────────────────────►
                             └─NOUPDprd─┘
Options:

├──HOSTID(hostid1,hostid2,...hostidn)──────────────────────────────►

►─┬──────────────────────────────┬───────────────────────────────►
  └─DRVTSS(vtss1,vtss2,...vtssn)──┬────────┬──STORMNGR(stormngr-list)─┘
                                  ├─SPARE──┤
                                  └─SHARE──┘

►──DRACS(acsid1,acsid2,...acsid16)─────────────────────────────────┤
```

Note: CREATE is not valid when DRTEST is issued from the console.

DRTEST PRIMEprd

Interfaces:

- `SLUADMIN` utility only
- UUI Support: No

Subsystem Requirements:

Active HSC not required

Figure 2–83   DRTEST PRIMEprd syntax

```
►►──DRTEST──PRIMEprd──|Options|──────────────────────────────────────►◄

Options:

├──HOSTID(hostid1,hostid2,...hostidn)──────────────────────────────►


►──────────────────────────────────────────────────────────────────►
      └─DRVTSS(vtss1,vtss2,...vtssn)─┬──────────┬─STORMNGR(stormngr-list)─┘
                                     ├─SPARE──┤
                                     └─SHARE──┘

►──DRACS(acsid1,acsid2,...acsid16)──────────────────────────────────┤
```

Note: PRIMEprd is not valid when DRTEST is issued from the console.

DRTEST RESET

Interfaces:

- `SLUADMIN` utility only
- UUI Support: No

Subsystem Requirements:

Active HSC not required

Figure 2–84   DRTEST RESET syntax

```
►►──DRTEST──RESET───────────────────────────────────────────────────►◄
```

Note: RESET is not valid when DRTEST is issued from the console.
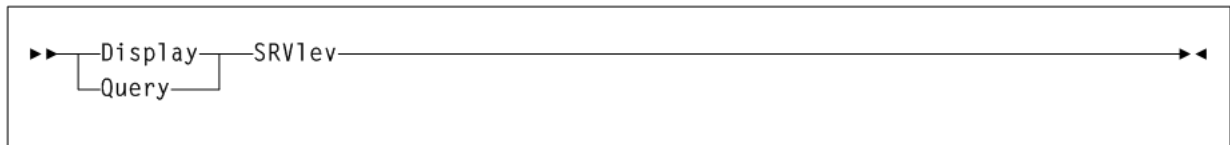
DRTEST START

Interfaces:

- console or utility
- UUI Support: Yes

Subsystem Requirements:

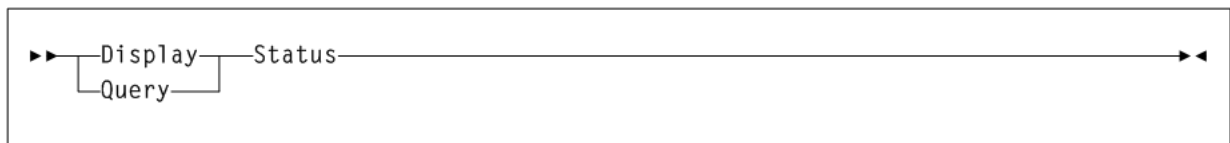Active HSC at `FULL` service level

Figure 2–85   DRTEST START syntax

```
►►─DRTEST──START─────────────────────────────────────────────────────────►◄
```

DRTEST STOP

Interfaces:

■ Console or utility

■ UUI Support: Yes

Subsystem Requirements:

Active HSC at FULL service level

Figure 2–86   DRTEST STOP syntax

```
►►─DRTEST──STOP──────────────────────────────────────────────────────────►◄
```

EEXPORT

Interfaces:

■ Console or utility

■ UUI Support: Yes

Subsystem Requirements:

Active HSC not required

Figure 2–87   EEXPORT syntax

EJect

Interfaces:

- Console or utility
- UUI Support: Yes

Subsystem Requirements:

Active HSC at FULL service level

Figure 2–88   EJect syntax

ENter

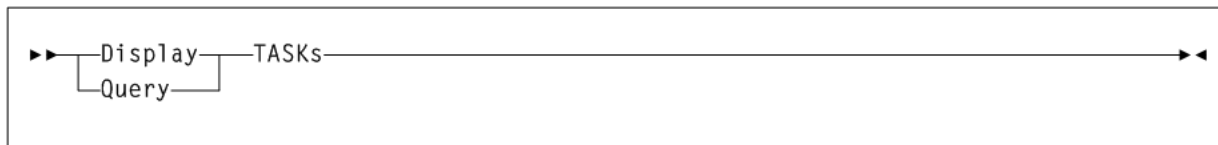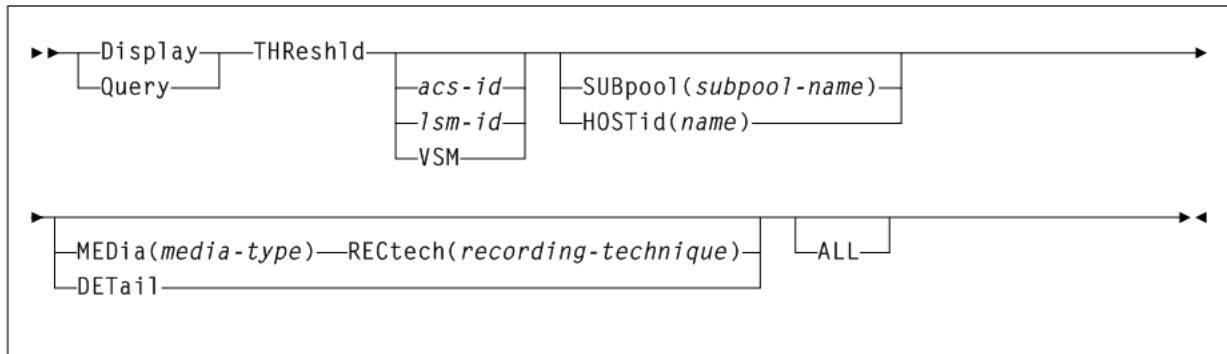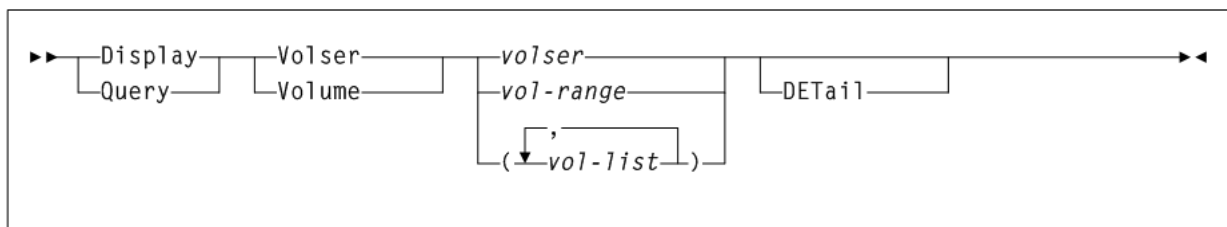**Interfaces:**

■   Console or utility

■   UUI Support: Yes

Subsystem Requirements:

Active HSC at FULL service level

Figure 2–89   ENter syntax

```
            ┌─ØØ────────┐
►►──ENter───┤           ├──┬────────────────┬──┬─────────┬──►◄
            ├─acs-id────┤  └─TLSM(lsm-id)────┘  └─SCRatch─┘
            ├─lsm-id────┤
            └─cap-id────┘
```

EXECParm

Interfaces:

■   `PARMLIB` only

■   UUI Support: No

Subsystem Requirements:

None.

Figure 2–90   EXECParm syntax

```
►►──EXECParm──┬──────────────────────┬──┬──────────────┬──┬──────────────┬──►
              │        ┌─Yes─┐        │  └─,Eid(gtfeid)─┘  └─,Fid(gtffid)─┘
              └─MSGPRFX(─┴─No──┴─)─────┘

►──┬──────────────────┬──────────────────────────────────────────────────►◄
   └─,HOSTID(host-id)──┘
```

EXPORT

Interfaces:

■   Utility only

■   UUI Support: Yes

Subsystem Requirements:

■   Active HSC/VTCS at `FULL` service level required when specifying the `VTV` or `MGMTCLAS` parameter.

■   Active HSC/VTCS not required when specifying the `MVC` or `STORclas` parameter.

> **Note:**   The CDS used by the utility must not be accessed by any other currently active HSC/VTCS host(s). Otherwise, error message `SLS6716E` is issued and the utility fails.

Figure 2–91   EXPORT syntax

```
►►─EXPORT──VTV(──┬─volser─────┬──)───────────────────────────►
                 │─vol-range──│
                 │  ┌─,─┐     │
                 └──▼─vol-list─┘

            ─MGMTclas(──┬─mgmt-class-name─────┬──)─
                        │  ┌─,─────────────┐  │
                        └──▼─mgmt-class-list─┘

            ─MVC(──────────────────┬──)─
                 │─volser─────┐
                 │─vol-range──│
                 │  ┌─,─┐     │
                 └──▼─vol-list─┘

            ─STORclas(──┬─storclas-name────┬──)─
                        │  ┌─,───────────┐ │
                        └──▼─storclas-list─┘

►─┬───────────────────┬──┬─────────────────────────┬──►◄
  └─MANIFEST(ddname)───┘  └─RECALWER(──┬─YES─┬──)────┘
                                       └─NO──┘
```

FMTLOG

Interfaces:

- `SLUADMIN` utility only
- UUI Support: No

Subsystem Requirements:

Active HSC not required

Figure 2–92   FMTLOG syntax

```
►►─FMTLOG─────────────────────────────────────────────────►◄
```

IMPORT

Interfaces:

- Utility only
- UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS not required

Figure 2–93   IMPORT syntax

```
►►─IMPORT─────────────────────────────────────────────────────────────►
         ┌─VTV(──volser─────────)─┐    ┌─REPLACE(──NONE──────)─┐
         │      ├─vol-range─┤     │    │         ├─UPDATED─┤   │
         │      │   ┌─,─┐   │     │    │         └─ALL─────┘   │
         │      └───▼vol-list┘    │
         │                        │
         └─MVC(──volser─────────)─┘
                ├─vol-range─┤
                │   ┌─,─┐   │
                └───▼vol-list┘

►──────────────────────────────────────────────────────────────────────►
    └─MANIFEST(dd-name)─┘  └─NOUPDATE─┘  └─IMMDRAIN(──NO──)─┘
                                                  └─YES─┘

►──────────────────────────────────────────────────────────────────────►◄
    └─INACTCDS─┘  ┌─OWNRPLEX(name)─┐
                 └─SETOWNER────────┘
```

INITialize

Interfaces:

- ■   SLUADMIN utility only

- ■   UUI Support: No

Subsystem Requirements:

HSC at FULL service level

Figure 2–94   INITialize syntax

```
►►─INITialize──────────────────────────────────────────────►◄
            └─┤ Optional Parameters ├─┘
```

Optional Parameters:

```
├──────────────────────────────────────────────────────────────►
   └─CAP(cap-id)─┘   ┌─IEHINITT─┐
                 └─PROGram(──────────)──VERIFY(parameter-name)─┘
                            └─prog-name─┘

►────────────────────────────────────────────────────────────────┤
    ┌─SYSIN──┐           └─OPTION(──EJEct───)─┘
   └─CNTLDD(──────────)─┘        └─SCRatch─┘
           └─dd-name─┘
```

INVENTRY

Interfaces:

■ Utility only

■ UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–95   INVENTRY syntax

LIBGen

Interfaces:

■ `SLUADMIN` utility only

■ UUI Support: No

Subsystem Requirements:

Active HSC not required

Figure 2–96   LIBGen syntax

LMUPDEF

Interfaces:

■ Console or `PARMLIB`

■ UUI Support: No

Subsystem Requirements:

Active HSC at `BASE` or `FULL` service level

Figure 2–97   LMUPDEF syntax

```
►►─LMUPDEF──┬─DATASET(dataset-name)─┬──────────────────────────────────────────►
            └─DSN(dataset-name)─────┘    └─VOLume(volser)─┘  └─UNIT(unit-name)─┘

►──────────────────────────────────────────────────────────────────────────►◄
      ┌─────,──────┐
   └─HOSTID(▼─host-id─┘)─┘
```

LMUPATH Control Statement

Figure 2–98   LMUPATH syntax

```
                               ┌────,───────────┐
►►─LMUPATH──ACS(aa)──LMUADDR(▼──────────────────┐ )─PARTID(00n)──PING(tt)──────►◄
                            ├─lmu_hostname──────┤
                            └─nnn.nnn.nnn.nnn───┘
```

LOGUTIL

Interfaces:

- `SLUADMIN` utility only

- UUI Support: No

Subsystem Requirements:

Active HSC not required

Figure 2–99   LOGUTIL syntax

```
►►─LOGUTIL──LOGDD(ddname)─────────────────────────────────────────────────────►

   └─FROMDATE(yyyy-mm-dd)─┬──────────────────────────────────┐─────────────────►
                         │                  ┌─00:00:01─┐    │
                         └─FROMTIME(└─hh:mm:ss─┘)─┘

   └─TODATE(yyyy-mm-dd)─┬────────────────────────────────┐───────────────────►
                        │               ┌─00:00:01─┐    │
                        └─TOTIME(└─hh:mm:ss─┘)─┘

   └─COMMANDS(ddname)─┘─────────────────────────────────────────────────────►◄
```

LOGUTIL FOR_LOSTMVC Control Statement

Figure 2–100   LOGUTIL FOR_LOSTMVC syntax

```
▶▶──FOR_LOSTMVC──MVC(──┬─volser────────┬──)──────────────────────────────▶
                       ├─volser-range──┤
                       └▲─volser-list──┘


▶──┬─────────────────────────────┬──┬──────────┬──┬──────────────────────┬──▶◀
   └─VTV(──┬─volser────────┬──)─┘   └─SCRATCH─┘  └─COMMANDS(ddname)──────┘
           ├─volser-range──┤
           └▲─volser-list──┘
```

LOGUTIL GENAUDIT Control Statement

Figure 2–101   LOGUTIL GENAUDIT syntax

```
▶▶──GENAUDIT──────────────────────────────────────────────────────────▶◀
            └─COMMANDS(ddname)─┘
```

LOGUTIL LOCATE_VTV Control Statement

Figure 2–102   LOGUTIL LOCATE_VTV syntax

```
▶▶──LOCATE_VTV──VTV(──┬─volser────────┬──)──┬──────────────────────┬──▶
                      ├─volser-range──┤     └─COMMANDS(ddname)─────┘
                      └▲─volser-list──┘


▶──┬───────────────────────────────────────────┬──────────────────────▶◀
   ├─VERSION(──┬─-1──┬──)─────────────────────┤
   │           └─-nn─┘                        │
   └─DATE(yyy-mm-dd)──TIME(hh:mm:ss)──────────┘
```

LOGUTIL UNDELETE Control Statement

Figure 2–103   LOGUTIL UNDELETE syntax

```
►►──UNDELETE────VTV(──┬──volser──────────┬──)──┬──────────────────────┬──►◄
                      ├──volser-range────┤      └─COMMANDS(ddname)─────┘
                      │  ┌──────────────┐│
                      └──▼──volser-list──┘
```

MEDVERfy

Interfaces:

■   SLUADMIN utility only

■   UUI Support: No

Subsystem Requirements:

Active HSC/VTCS

Figure 2–104   MEDVERfy syntax

```
►►──MEDVERfy────┬──MVCPOOL(name)───────┬──┬─────────────┬──┬────────────┬──►
                ├──STORclas(name)──────┤  └─MAXMVC(nn)──┘  └─CONMVC(nn)──┘
                │                      │
                └──MVC(──┬──volser──────┬──)──┘
                         ├──vol-range───┤
                         │  ┌──,───────┐│
                         └──▼──vol-list─┘

►──┬──────────────────┬──┬────────────────┬──►◄
   └─FREQency(nnnn)───┘  └─TIMEOUT(nnnn)──┘
```

MERGEcds

Interfaces:

■   SLUADMIN utility only

■   UUI Support: No

Subsystem Requirements:

Active HSC at BASE service level only

Figure 2–105   MERGEcds syntax

```
►►──MERGEcds─────────────────────────────────────────────────────────────────►◄
              └─VALIDate─┘  └─ALL─┘  └─DELVirt─┘  └─NOMSG─┘


Note: If ALL is not specified, MERGEcds reads the parameters specified in the
      SLSMERGE DD statement.
```

SLSMERGE Control Statement

Figure 2–106   SLSMERGE syntax

```
For REAL volumes:

►►──MERGE──────FACS(acs-id)────TACS(acs-id)─────────────────────────────►◄
           ├─FLSM(lsm-id)────TLSM(lsm-id)─┤
           ├─ALLREAL───────────────────────┤
           └─NOREAL────────────────────────┘


If the CDS contains VIRTUAL data:


►►──MERGE──────FVTSS(vtss-name)───TVTSS(vtss-name)──────────────────────►◄
           ├─ALLVIRT───────────────────────┤
           └─NOVIRT────────────────────────┘


If the CDS contains VAULT data:


►►──MERGE──────FVAULT(vault-name)───TVAULT(vault-name)──────────────────►◄
           ├─ALLVALT───────────────────────┤
           └─NOVALT────────────────────────┘
```

MERGMFST

Interfaces:

- Utility only
- UUI Support: Yes

Subsystem Requirements:

Active HSC not required

Figure 2–107   MERGMFST syntax

```
►►──MERGMFST────MERGEIN(manifin)────MERGEOUT(manifout)─────────────────────────►◄
```

METAdata

Interfaces:

- Utility only
- UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–108   METAdata syntax

```
►►──METAdata─────────────────────────────────────────────────►◄
              └─command-name─┘
```

MGMTDEF

Interfaces:

- Console or PARMLIB only
- UUI Support: No

Subsystem Requirements:

Active HSC at BASE or FULL service level

Figure 2–109   MGMTDEF syntax

```
►►─MGMTDEF─┬─DATASET(dataset-name)─┬──────────────────────────►
           └─DSN(dataset-name)─────┘  └─VOLume(volser)─┘  └─UNIT(unitname)─┘

►─────────────────────────────────────────►◄
      ┌─────────────────────┐
      └─HOSTID(host-id)─┘
```

MGMTclas Control Statement

Figure 2–110   MGMTclas syntax

```
►►─MGMTclas──NAME(mgmt-class-name)───────────────────────────────────────►
                              └ACSlist(acs-id | acs-id,acs-id)┘

►────────────────────────────────────────────────────────────────────────►
   └ARCHAge(nnn)──ARCHPol(s1 | s1,s2 | s1,s2,s3 | s1,s2,s3,s4)┘

►─────────────────────────────────────────────────────────────────────────►
   └CONSRC(stor-class-name)┘  └CONTGT(stor-class-name)┘         ┌NO────┐
                                                      └DELSCR(──┼YES───┼──)┘
                                                                └FORCE─┘

►─────────────────────────────────────────────────────────────────────────►
           ┌9999┐        ┌NO─┐
   └DISCARD=┴nnnn┘  └DUPLEX(─┴YES─┴─)────────────────────────┘
                    └MIGpol(s1 | s1,s2 | s1,s2,s3 | s1,s2,s3,s4)┘

►─────────────────────────────────────────────────────────────────────────►
   └EEXpol(s1|s1,s2)┘              ┌9999┐                  ┌400──┐
                    └IMMDELAY=┴nnnn┘  └MAXVtvsz(─┼─────┼──)┘
                                                  ├800──┤
                                                  ├2000─┤
                                                  ├4000─┤
                                                  └32000┘

►─────────────────────────────────────────────────────────────────────────►
   └NOMIGRAT┘          ┌NO──────┐           └RESTIME(nnnn)┘
             └REPlicat(─┼YES─────┼──)┘
                        └YES_SYNC┘

►─────────────────────────────────────────────────────────────────────────►
   └VTVPAGE(STANDard | LARGE)┘        ┌MANY──┐      └EDLTeexp┘
                             └WRITE(──┼ONCE──┼──)┘
                                      └APPEND┘

►─────────────────────────────────────────────────────────────────────────►
   └PINpol(─┬vtss-name──────┬─)────────────────────────┘
            └vtss-list-name─┘  └(─┬vtss-name──────┬─)┘
                                  └vtss-list-name─┘

►──────────────────────────────────────────────────────────────────────►◄
   └REPDELAY(nnnn)┘
```
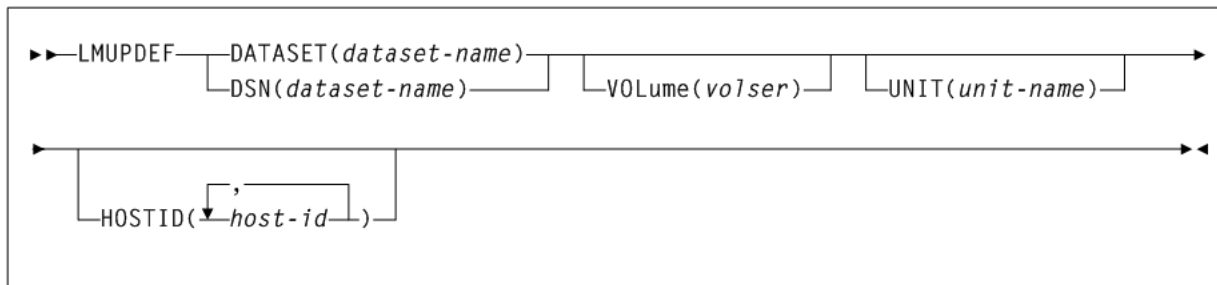
MIGRSEL Control Statement

Figure 2–111   MIGRSEL syntax

```
►►─MIGRSEL──────────────────────────────────────────────────────────────►
              └─STORclas(stor-clas-name)─┘  └─VTSS(vtssname)─┘

►───────────────────────────────────────────────────────────────────────►
           ┌────────,─────┐   └─FUNCtion(IMMED|AUTO|RECLAIM|DEMAND)─┘
        └─HOST(─▼─host-id─┴─)─┘

►────────────────────────────────────────────────────────────────────────◄
            ┌─999─┐          ┌─0─┐              ┌─99─┐
        └─IMMWAIT(─┴─nnn─┴─)─┘  └─SCHPREF(─┴─n─┴─)─┘  └─SCHLIMIT(─┴─nn─┴─)─┘
```

MIGRVTV Control Statement

Figure 2–112   MIGRVTV syntax

```
►►─MIGRVTV─────────────────────────────────────────────────────────────►
              └─MGMTclas(mgmt-clas-name)─┘   └─STORclas(stor-clas-name)─┘

►────────────────────────────────────────────────────────────────────────◄
         └─VTSS(vtssname)─┘  ┌─INDEPEND─────────┐           ┌─9999─┐
                            ├─INITIAL──────────┤  └─IMMDELAY(─┴─time─┴─)─┘
                            └─SUBSEQNT(timeout)─┘
```

MVCATTR Control Statement

Figure 2–113   MVCATTR syntax

```
►►─MVCATTR──MEDIA(media-name)──SWAPTO(device-type)────────────────────────◄
```

STORclas Control Statement

Figure 2–114   STORclas syntax

STORLST Control Statement

Figure 2–115   STORLST syntax

STORSEL Control Statement

Figure 2–116   STORSEL syntax

```
►►─STORSEL──────────────────────────────────────────────────────────►
              └─FUNCtion(function)─┘
                                     ┌─────,─────┐
                                   └─HOST(─▼─host-id─┴─)─┘

►──────────────────────────────────────────STORLST(stor-list-name)─►◄
     └─MGMTclas(mgmt-class-name)─┘  └─VTSS(vtss-name)─┘
```

VTSSLST Control Statement

Figure 2–117   VTSSLST syntax

```
                                              ┌──vtss-name──┐
►►─VTSSLST──NAME(vtss-list-name)──VTSS(─▲──────────────────┴─)─────────►
                                        └─────,─────┘

►──────────────────────────────────────────────────────────────────►◄
                      ┌──5──┐
     └─PRIority(─▲──────────┴──)─┘
               └─order─┘
               └───,───┘
```

VTSSSEL Control Statement

Figure 2–118   VTSSSEL syntax

```
►►─VTSSSEL──────────────────────────────────────────────────────────►
              └─FUNCtion(function)─┘
                                     ┌─────,─────┐
                                   └─HOST(─▼─host-id─┴─)─┘

►──────────────────────────────────────────────────────────────────►
     └─MGMTclas(mgmt-class-name)─┘  └─PREVvtss(vtss-name)─┘

►──────────────────────────────────────────────────────────────────►
     └─STORclas(stor-class-name)─┘  └─MVCpool(pool-name)─┘

►──────────────────────────────────────────────────────────────────►◄
     └─VTSSLST(vtss-list-name)─┘
```

MIGrate

Interfaces:

- Console or utility

- UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Format 1

Figure 2–119   MIGrate syntax (Format 1)

Format 2
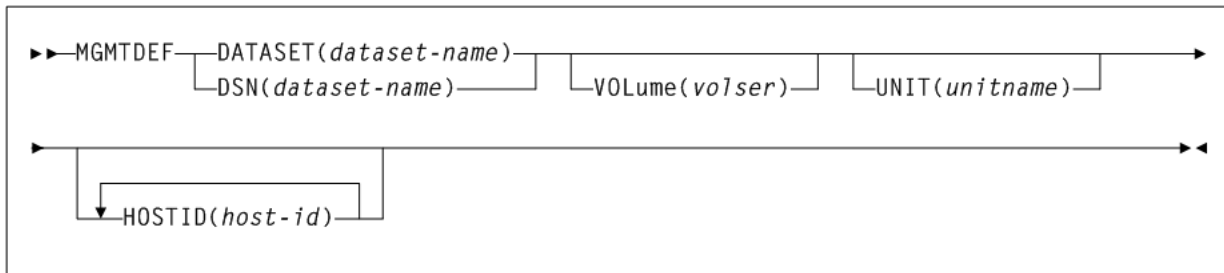
Figure 2–120   MIGrate syntax (Format 2)

MNTD

Interfaces:

- Console or PARMLIB only
- UUI Support: No

Subsystem Requirements:

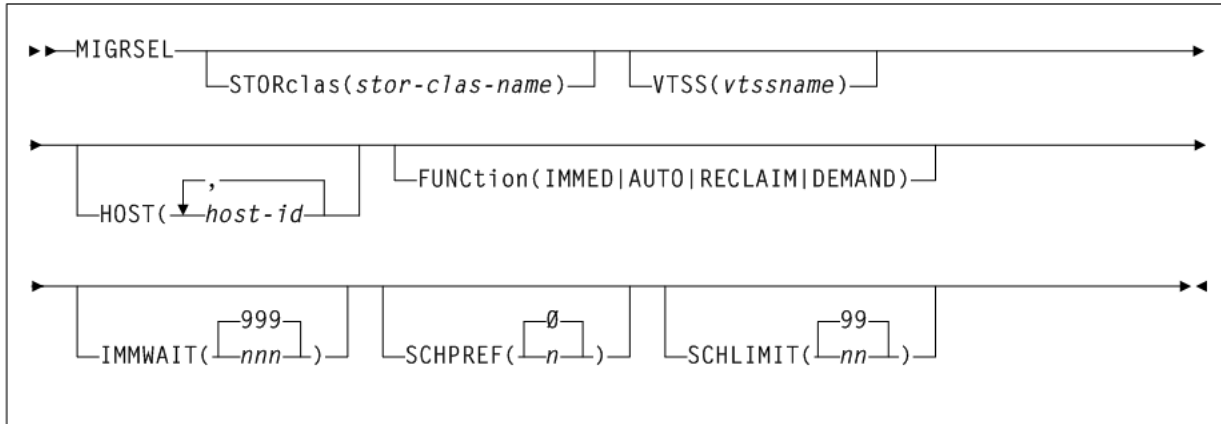Active HSC at FULL service level

Figure 2–121   MNTD syntax

```
                    ,
                   ┌──────────────────────────────────────┐
►►──MNTD──────────▼──AUTocln(──┬─OFf─┬──)─────────────────────────────────────────────────►◄
                  │            └─ON──┘                     │
                  │                           ┌─HOSTID(host-id)─┐
                  ├──Dismount(──┬─Auto───┬──)─
                  │             └─Manual─┘
                  │
                  ├──Ejctauto(──┬─ON──┬──)──┐
                  │             ├─MSg─┤     └─ACS(acs-id)─┐
                  │             └─OFf─┘
                  │
                  ├──Float(──┬─ON──┬──)──┐
                  │          └─OFf─┘     └─ACS(acs-id)─┐
                  │
                  ├──MAXclean(count)─────
                  │
                  ├──MMount(──┬─Delete─┬──)─
                  │           └─Reply──┘
                  │
                  ├──PASSTHRU(count)─────
                  │
                  ├──Scratch(──┬─Manual─┬──)─
                  │            └─Auto───┘
                  │
                  └──SCRDISM(──┬─CURRENT─┬──)─
                               └─ARCHIVE─┘
```

MODify

Interfaces:

■   Console or `PARMLIB` only

■   UUI Support: No

Subsystem Requirements:

Active HSC at `FULL` service level

Figure 2–122   MODify syntax

Mount

Interfaces:

■   Console or utility

■   UUI Support: Yes

Subsystem Requirements:

Active HSC at FULL service level

Figure 2–123   Mount syntax

```
To mount a specific Nearline volume on a transport:

▶▶──Mount──volser──devaddr─────────────────────────────────────────▶◀
                           │                                  │
                           │    ┌──,──────┐                    │
                           └────┴─host-id─┴───┬─Readonly─┬──┬─ForceRT─┬──┘


To mount a scratch volume on a transport:

▶▶──Mount────────────────────────────────────────────────────────────▶

  ┌─────────────────────────────────────────────────────────────────┐
  ▶───┬─SCRTCH─┬──devaddr──────────────────────────────────────────────▶◀
      └─PRIVAT─┘         └─host-id─┘ └─SUBpool(subpool-name)─┘ └─MEDia(media-type)─┘


To mount a VTV on a VTD and optionally, assign a management class to the VTV:

▶▶──Mount──┬─volser─┬──devaddr─────────────────────────────────────────▶◀
           └─SCRTCH─┘          └─MGMTclas(mgmt-clas-name)─┘
```

MOVe

Interfaces:

- Console or utility
- UUI Support: Yes

Subsystem Requirements:

Active HSC at FULL service level

Figure 2–124   MOVe syntax

```
►►──MOVe──| Parameters |─────────────────────────────────────────►◄
Parameters:

►──┬──Flsm(lsm-id)──Panel(panel-list)──┬──────────────────────────────►
   │                                   └Row(row-list)──┬──────────────────┐
   │                                                   └Column(column-list)┘
   └Volume(vol-list)───────────────────────────────────────────────────────┘

►──TLsm(lsm-list)──────────────────────────────────────────────────►◄
   └TPanel(panel)──┘
```

MVCDRain

Interfaces:

■   Console or utility

■   UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–125   MVCDRain syntax

```
►►──MVCDRain──┬──MVCid(──┬──volser────┬──)──┬──────────────────────────►
              │          ├──vol-range─┤     └EJect─┘  └CONMVC(nn)─┘
              │          │     ┌──,──┐ │
              │          └─────vol-list┘
              │
              ├──MVCPOOL(poolname)────────┤
              └──STORCLAS(stor-clas-name)─┘

►──┬──────────────────┬──┬──────┬──┬──────────┬──┬─────────┬──┬───────┬──►
   └RECALWER(┬─NO──┬)──┘  └NOWAIT┘  └WARRANTY──┘  └RETIRED──┘  └ERROR──┘
             └─YES─┘

►──┬─────────┬──────────────────────────────────────────────────────►◄
   └DATACHK──┘
```

MVCMAINT

Interfaces:

■   Utility only

■   UUI Support: Yes

Subsystem Requirements:

- Active HSC/VTCS required if `RENVTSS` is specified
- Can run in batch-only mode when there are no hosts active (on any LPAR) using the CDS that is to be updated

Figure 2–126 MVCMAINT syntax

```
►►─MVCMAINT──┬─MANIFEST(ddname)─────────────────┬──────────────────────────────────►
             └─MVC(─┬─volser──────┬─)─┘   └─READONLY(─┬─ON──┬─)─┘
                    ├─vol-range───┤                   └─OFF─┘
                    │    ┌──,──┐  │
                    └────┴─vol-list─┘


►──┬─────────────────┬──┬──────────────────┬──┬─────────────────┬────────────────────►
   └─LOST(─┬─ON──┬─)─┘  └─ERROR(─┬─ON──┬─)─┘ └─EJECT(─┬─ON──┬─)─┘
           └─OFF─┘              └─OFF─┘              └─OFF─┘


►──┬──────────────────┬──┬────────────────────┬──┬───────────────────┬──────────────►
   └─RETIRED(─┬─ON──┬─)─┘ └─WARRANTY(─┬─ON──┬─)─┘ └─INVLDMIR(─┬─ON──┬─)─┘
             └─OFF─┘               └─OFF─┘                └─OFF─┘


►──┬────────────────────┬──┬──────────────────────┬────────────────────────────────►◄
   └─REPLACED(─┬─NONE──┬─)─┘ └─RENVTSS(vtss-name)─┘
             └─MEDIA─┘
```

MVCPLRPT

Interfaces:

- Utility only
- UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–127 MVCPLRPT syntax

```
                                                        ┌─DETail──┐
►►─MVCPLRPT──┬─────────────────────┬──┬────────────────────────┬──┴─────────┴──►◄
            └─MVCPOOL(poolname)─┘  └─STORCLAS(stor-clas-name)─┘ └─SUMmary─┘
```
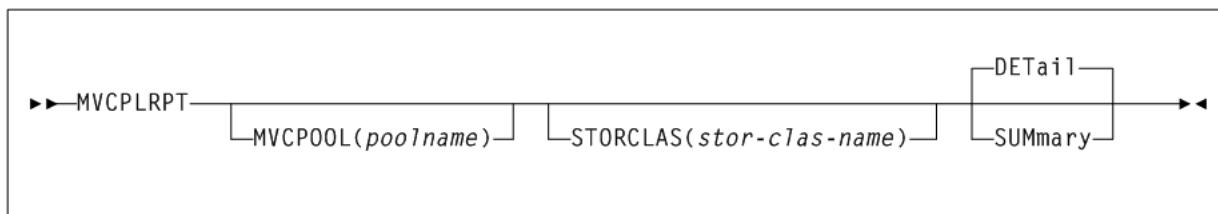
MVCRPt

Interfaces:

- Utility only
- UUI Support: Yes

Subsystem Requirements:

Active HSC not required

Figure 2–128   MVCRPt syntax

```
►►──MVCRPt──┬─────────────────────────────────┬──┬─────┬──┬───────────────────┬──────►
            │  ┌─MVCid(─┬─volser────────┬─)─┐  │  └─ALL─┘  └─MANIFEST(ddname)─┘
            │           ├─vol-range─────┤      │
            │           │   ┌─────,───┐ │      │
            │           │   ▼─vol-list─┘ │      │
            │           └────────────────┘      │
            └──STORclas(storage-clas-name)──────┘

►───────┬─────────┬──┬─────────┬──┬────────────┬─────────────────────────────────►◄
        └─DETail─┘  └─CHECK─┘  └─WRITABLE─┘
```

OFFload

Interfaces:

- SLUADMIN utility only
- UUI Support: No

Subsystem Requirements:

Active HSC not required

Figure 2–129   OFFload syntax

```
►►──OFFload──LOGFILE──┬───────────────────────────────┬──┬──────────┬──►◄
                      └─LOGDSN(primary-log-file-dsn)─┘  └─RESTART─┘
```

OPTION TITLE

Figure 2–130   OPTION TITLE syntax

```
►►──OPTION──TITLE(identifying-string)──┬─────────┬──────────────────────►◄
                                       ├─TRACE──┤
                                       └─TRACEF─┘
```

OPTion

Interfaces:

- Console or `PARMLIB` only
- UUI Support: No

Subsystem Requirements:

Active HSC at `BASE` or `FULL` service level

Figure 2–131   OPTion syntax

PITCOPY

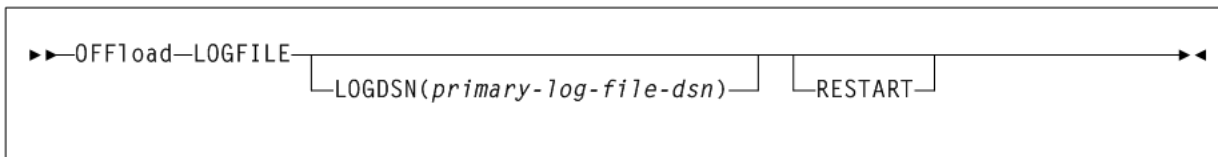**Interfaces:**

- `SLUADMIN` utility only
- UUI Support: No

Subsystem Requirements:

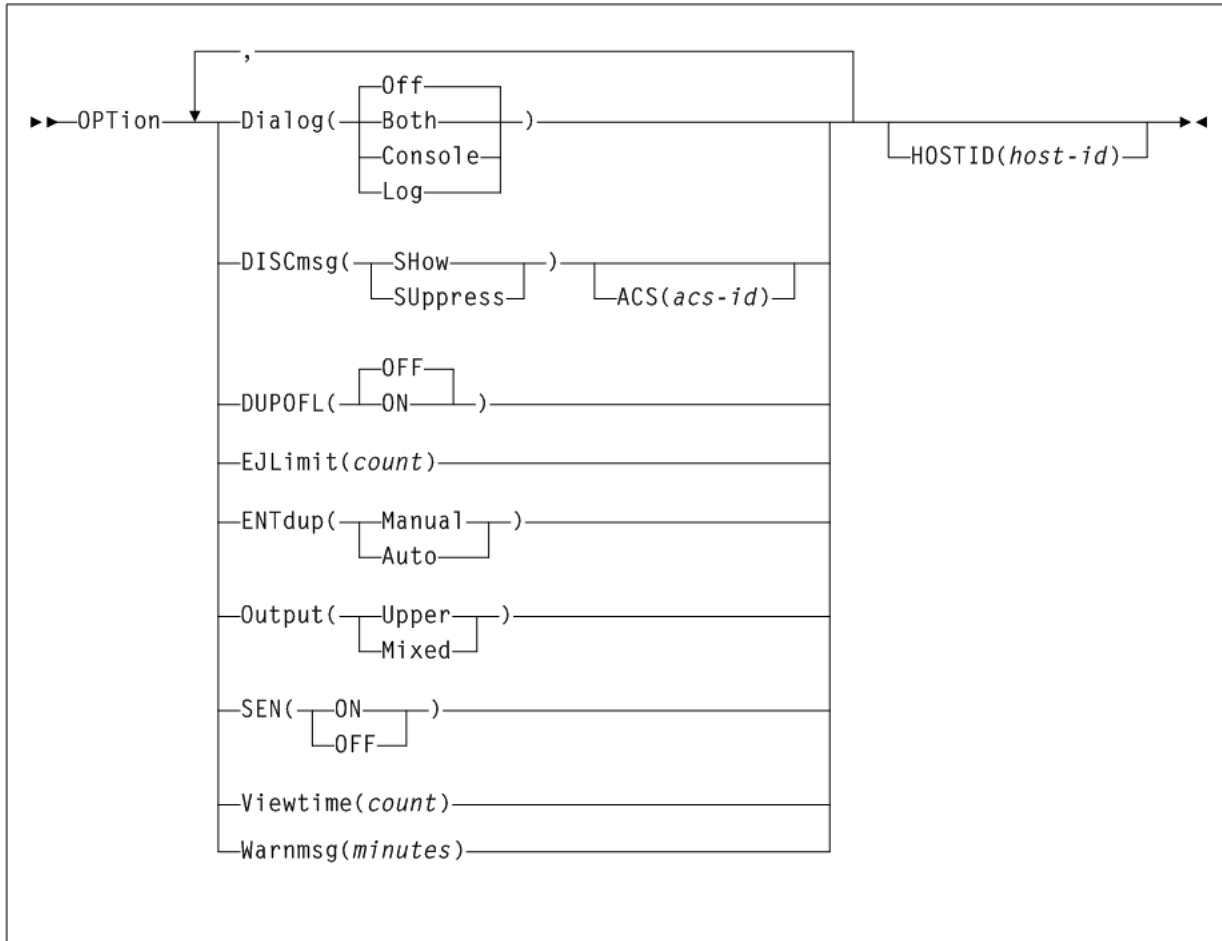Active HSC not required

Figure 2–132 PITCOPY syntax

```
►►─PITCOPY──METHOD(──┬─ADRDSSU───┬─)────────────────────────────►◄
                     ├─SIBBATCH──┤
                     └─FDRSNAP───┘
```

RECall

Interfaces:

■ Console or utility

■ UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–133 RECall syntax

```
                           ┌─,──────┐
►►─RECall──┬─VTVid(──┬─▼─volser───┬─)──┬─────────────────────────►
           │         ├─vol-range──┤    │   ┌─NO──┐
           │         │  ┌─,─────┐  │    └─RECALWER(──┴─────┴─)─┘
           │         └─▼─vol-list─┘                 └─YES─┘
           │       ┌─,─┐
           ├─DSN(──▼─name─┬─)───────────────────┤
           │       ┌─,─┐
           └─MGMTCLAS(──▼─name─┬─)─┘

►──┬──────────────────┬──┬─────────┬──────────────────────────►◄
   │       ┌─,─┐       │  └─NOWAIT─┘
   └─VTSS(──▼─name─┬─)─┘
```
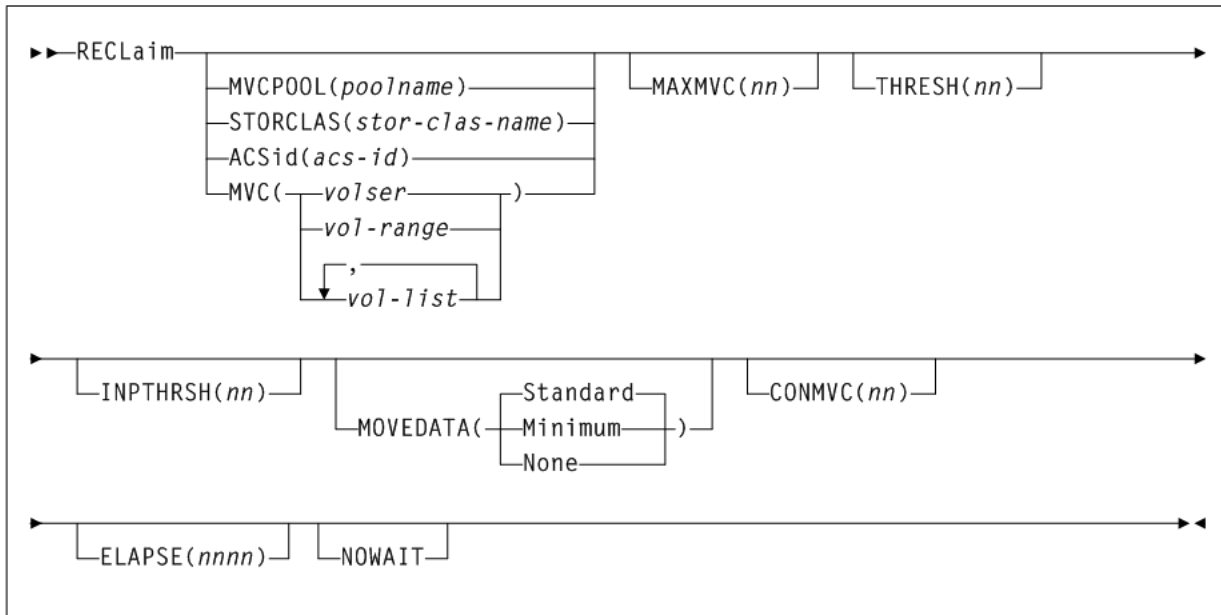
RECLaim

Interfaces:

■ Console or utility

■ UUI Support: Yes

Subsystem Requirements:
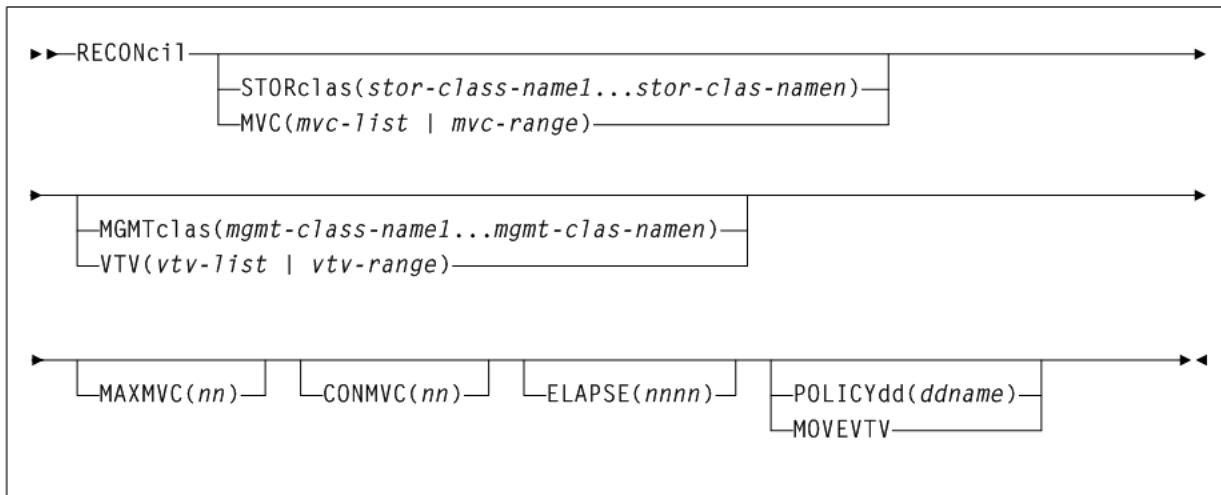
Active HSC/VTCS

Figure 2–134   RECLaim syntax

```
►►─RECLaim────────────────────────────────────────────────────────────────►
              ┌─MVCPOOL(poolname)──┐          ┌─MAXMVC(nn)─┐ ┌─THRESH(nn)─┐
              ├─STORCLAS(stor-clas-name)─┤
              ├─ACSid(acs-id)──────┤
              └─MVC(──┬─volser─────┬──)─┘
                      ├─vol-range──┤
                      │  ┌─,──────┐│
                      └──▼─vol-list┘

 ┌─────────────────────────────────────────────────────────────────────────►
 └─INPTHRSH(nn)─┘           ┌─Standard─┐        ┌─CONMVC(nn)─┐
              └─MOVEDATA(──┼─Minimum──┼──)─┘
                           └─None─────┘

 ┌──────────────────────────────────────────────────────────────────────►◄
 └─ELAPSE(nnnn)─┘ └─NOWAIT─┘
```

RECONcil

Interfaces:

■   Utility only

■   UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–135   RECONcil syntax

```
►►─RECONcil─────────────────────────────────────────────────────────────►
           ┌─STORclas(stor-class-name1...stor-clas-namen)─┐
           └─MVC(mvc-list | mvc-range)──────────────────────┘

 ┌──────────────────────────────────────────────────────────────────────►
 └─MGMTclas(mgmt-class-name1...mgmt-clas-namen)─┐
 └─VTV(vtv-list | vtv-range)───────────────────┘

 ┌──────────────────────────────────────────────────────────────────────►◄
 └─MAXMVC(nn)─┘ └─CONMVC(nn)─┘ └─ELAPSE(nnnn)─┘ ┌─POLICYdd(ddname)─┐
                                                └─MOVEVTV──────────┘
```
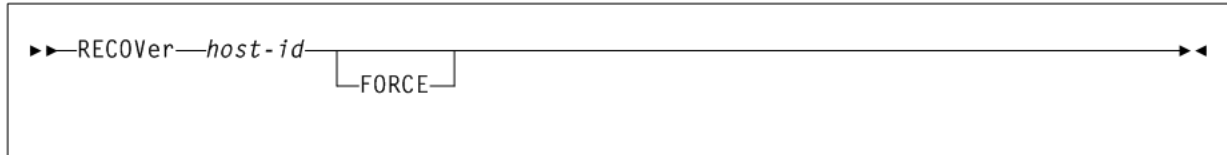
RECOVer

Interfaces:

■   Console or `PARMLIB`

■ UUI Support: No

Subsystem Requirements:

Active HSC at FULL service level

Figure 2–136 RECOVer syntax

```
►►─RECOVer─host-id──────────────────────────────────────────────►◄
                    └─FORCE─┘
```
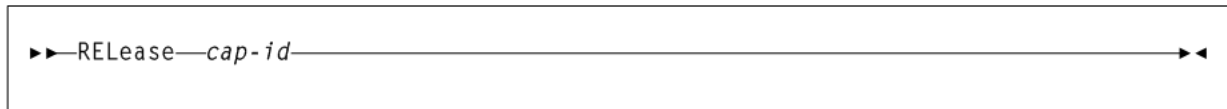
RELease

Interfaces:

■ Console or PARMLIB only

■ UUI Support: No

Subsystem Requirements:

Active HSC at FULL service level

Figure 2–137 RELease syntax

```
►►─RELease─cap-id─────────────────────────────────────────────────►◄
```

REPLaceall

Interfaces:

■ Console or utility

■ UUI Support: Yes

Subsystem Requirements:

Active HSC at FULL service level

Figure 2–138 REPLaceall syntax

```
►►─REPLaceall────────────────────────────────────────────────►◄
              │                ┌─,─┐         │
              └─VOLser(─▼─vol-list─┴─)─┘
```

RESTore

Interfaces:

■ SLUADMIN utility only

■ UUI Support: No

Subsystem Requirements:

HSC must be down (inactive)

Figure 2–139   RESTore syntax

```
►►──RESTore──────────────────────────────────────────────────────►◄
```

SCRAtch
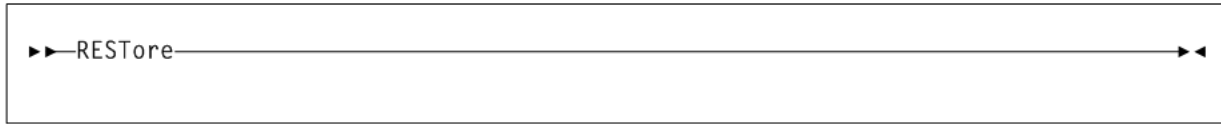
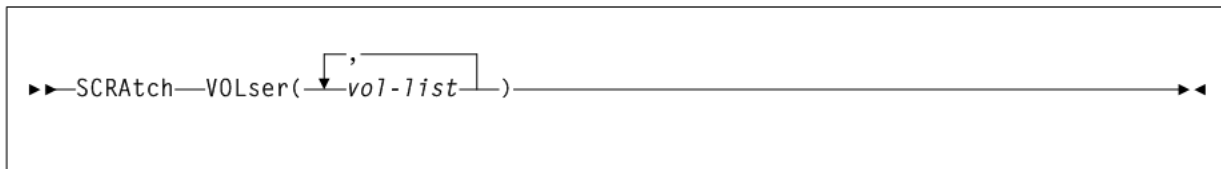**Interfaces:**

- Console or utility

- UUI Support: Yes

Subsystem Requirements:

Active HSC at FULL service level

Figure 2–140   SCRAtch syntax

```
                        ┌───,──┐
►►──SCRAtch──VOLser(──▼──vol-list──┘──)────────────────────────►◄
```

SCREdist

Interfaces:

- SLUADMIN utility only

- UUI Support: No

Subsystem Requirements:

Active HSC at FULL service level

Figure 2–141   SCREdist syntax

```
►►──SCREdist──ACS(acs-id)──────────────────────────────────────────►
                        │              ┌───,──┐           │  ┌─SUBpool(subpool-name)─┐
                        └─LSM(──▼──lsm-list──┘──)─┘        └──────────────────────┘

►──────────────────────────────────────────────────────────────────►
   └─BALtol(tolerance-value)─┘  └─MEDia(media-type)─┘

►──────────────────────────────────────────────────►◄
   └─RECtech(recording-technique)─┘
```

SCRPT

Interfaces:

- `SLUADMIN` utility only
- UUI Support: No

Subsystem Requirements:

- Active HSC not required
- SMC must be active and communicating with at least one VLE with the deduplication feature enabled to generate data in the report output. The output report must run from an authorized library.

Figure 2–142   SCRPT syntax

```
►►──SCRPT──────────────────────────────────────────────►◄
       └─STORclas(──┬─storage-class-name──────┬─)─┘
                    │                          │
                    └──↑─storage-class-list──┘
```
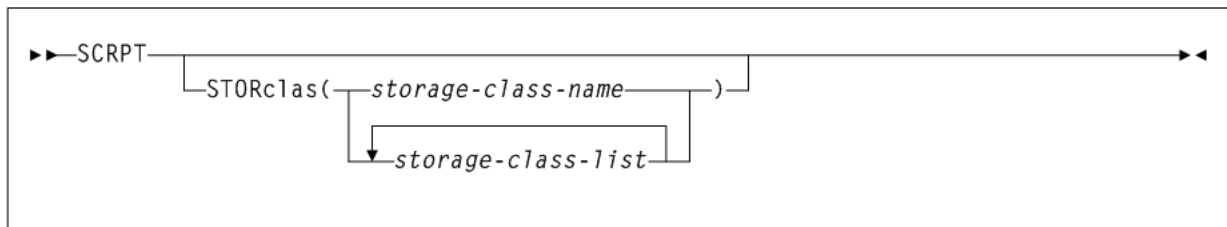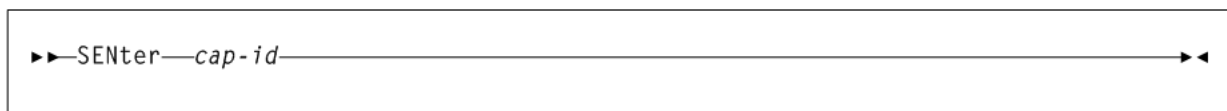
SENter

Interfaces:

- Console or `PARMLIB` only
- UUI Support: No

Subsystem Requirements:

Active HSC at `FULL` service level

Figure 2–143   SENter syntax

```
►►──SENter──cap-id──────────────────────────────────────►◄
```

SET CLNPRFX

Interfaces:

- `SLUADMIN` utility only
- UUI Support: No

Subsystem Requirements:

Active HSC not required

Figure 2–144   SET CLNPRFX syntax

```
►►─SET──CLNPRFX(prefix)──────────────────────────────────►◄
```

SET COMPRFX

Interfaces:

■   SLUADMIN utility only

■   UUI Support: No

Subsystem Requirements:

Active HSC not required

Figure 2–145   SET COMPRFX syntax

```
►►─SET──COMPRFX(cmdhex)───────────────────────────────────►◄
```

SET DRVHOST

Interfaces:

■   SLUADMIN utility only

■   UUI Support: No

Subsystem Requirements:

Active HSC not required

Figure 2–146   SET DRVHOST syntax

```
►►─SET──DRVHOST(──┬─OFF─────┬──)───────────────────────────►◄
                  └─host-id─┘
```

SET EJCTPAS

Interfaces:

■   SLUADMIN utility only

■   UUI Support: No

Subsystem Requirements:

Active HSC not required

SET HOSTID

Figure 2–147   SET EJCTPAS syntax

```
►►──SET──EJCTPAS(─────────────)───────────────────────────────────►◄
                 └─newpswd─┘   └─,OLDPASS(oldpswd)─┘
```

SET EJCTSKP

Interfaces:

■   `SLUADMIN` utility only

■   UUI Support: No

Subsystem Requirements:

Active HSC not required

Figure 2–148   SET EJCTSKP syntax

```
►►──SET──EJCTSKP(──OFf──)────────────────────────────────────────────►◄
                 └─ON──┘
```

SET FREEZE

Interfaces:

■   `SLUADMIN` utility only

■   UUI Support: No

Subsystem Requirements:

Active HSC not required

Figure 2–149   SET FREEZE syntax

```
►►──SET──FREEZE(──ON──)──FORLSMID(lsm-id)──────────────────────────►◄
                └─OFf─┘                 └─,FORPANEL(panel)─┘
```

SET HOSTID

Interfaces:

■   `SLUADMIN` utility only

■   UUI Support: No

Subsystem Requirements:

Active HSC not required

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Figure 2–150   SET HOSTID syntax

```
►►──SET──HOSTID(newhost),FORHOST(oldhost)─────────────────────────────────►◄
```

SET HSCLEVel

Interfaces:

■   SLUADMIN utility only

■   UUI Support: No

Subsystem Requirements:

Active HSC not required

Figure 2–151   SET HSCLEVel syntax

```
►►──SET──HSCLEVel(OFF),FORHOST(host-id)──────────────────────────────────►◄
```
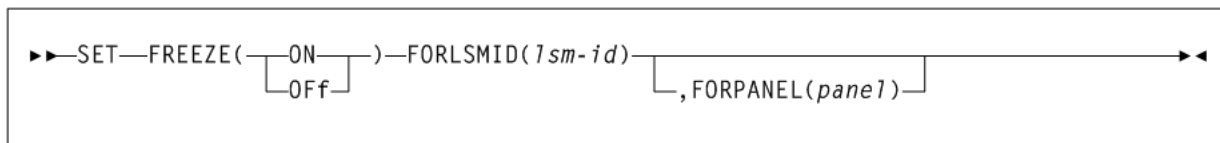
SET LOGFILE

Interfaces:

■   SLUADMIN utility only

■   UUI Support: No

Subsystem Requirements:

Active HSC not required

Figure 2–152   SET LOGFILE syntax

```
►►──SET──LOGFILE(┬─primary-log-file-dsn─┬─────┬──────────────────────┬─)─►◄
                 └─OFF─────────┬─────────┘     ├─,secondary-log-file-dsn─┤
                               └─IMMED─┘        └─,OFF─────────────────┘
```

SET MAJNAME

Interfaces:

■   SLUADMIN utility only

■   UUI Support: No

Subsystem Requirements:

Active HSC not required. HSC must be shut down on all systems before changing the QNAME.

Figure 2–153   SET MAJNAME syntax

```
►►──SET──MAJNAME(qname)────────────────────────────────────────────────►◄
```

SET MIGOPT

Interfaces:

■   Console or utility

■   UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–154   SET MIGOPT syntax

```
►►──SET──MIGOPT────────────────────────────────────────────────────────►
                └─VTSS(vtssname)─┘  └─MAXmig(nn)─┘  └─MINMIG(nn)─┘

   ►──────────────────────────────────────────────────────────────────►◄
       └─HIGHthld(nn)─┘  └─LOWthld(nn)─┘
```

SET NEWHOST

Interfaces:

■   `SLUADMIN` utility only

■   UUI Support: No

Subsystem Requirements:

Active HSC not required

Figure 2–155   SET NEWHOST syntax

```
►►──SET──NEWHOST(newhost),LIKEHOST(model-host)─────────────────────────►◄
```

SET RMM

Interfaces:

■   Console or utility

■   UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–156   SET RMM syntax

```
►►─SET─RMM─────────────────────────────────────────────────────────►◄
             ├─ENable──┤
             └─DISable─┘
```

SET SCRLABL

Interfaces:

- `SLUADMIN` utility only

- UUI Support: No

Subsystem Requirements:

Active HSC not required

Figure 2–157   SET SCRLABL syntax

```
►►─SET─SCRLABL(──┬─SL──┬──)──────────────────────────────────────►◄
                 ├─AL─┤
                 ├─NL─┤
                 └─NSL─┘
```

SET SLIDRIVS

Interfaces:

- `SLUADMIN` utility only

- UUI Support: No

Subsystem Requirements:

Active HSC not required

Figure 2–158   SET SLIDRIVS syntax

```
►►─SET─SLIDRIVS(──┬──────────────┬──),FORLSMID(lsm-id)─,FORPANEL(panel)──►
                  └─addr0─┐
                          └─,...addr31─┘

►──┬───────────────────┬─,FORHOST(host-id)──────────────────────────►◄
   └─,MODEL(model-type)─┘
```

SET SLISTATN

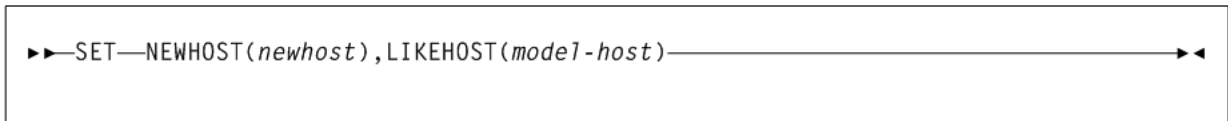**Interfaces:**

- SLUADMIN utility only
- UUI Support: No

Subsystem Requirements:

Active HSC not required

Figure 2–159   SET SLISTATN syntax

```
►►─SET─SLISTATN(──────────────────),FORACS(acs-id)─────────────────────────────►◄
                └─stat1,…,stat16─┘                 └─,FORHOST(host-id)─┘
```

SET SMF

Interfaces:

- SLUADMIN utility only
- UUI Support: No

Subsystem Requirements:

Active HSC not required

Figure 2–160   SET SMF syntax

```
►►─SET──SMF(libtype)──────────────────────────────────────────────────────────►◄
```

SET TAPEPlex

Interfaces:

- SLUADMIN utility only
- UUI Support: No

Subsystem Requirements:

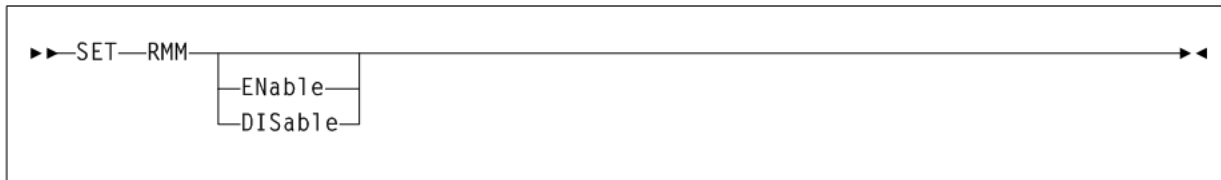Active HSC not required

Figure 2–161   SET TAPEPlex syntax

```
►►─SET──TAPEPlex(tapeplex-name)────────────────────────────────────────────────►◄
```

SET TCHNIQE

Interfaces:

- SLUADMIN utility only
- UUI Support: No

Subsystem Requirements:

Active HSC not required

Figure 2–162   SET TCHNIQE syntax

```
►►──SET──TCHNIQE(──┬─NONE────┬──)───────────────────────────────►◄
                   ├─SHADOW──┤
                   └─STANDBY─┘
```

SET VAULT

Interfaces:

- ■ SLUADMIN utility only

- ■ UUI Support: No

Subsystem Requirements:
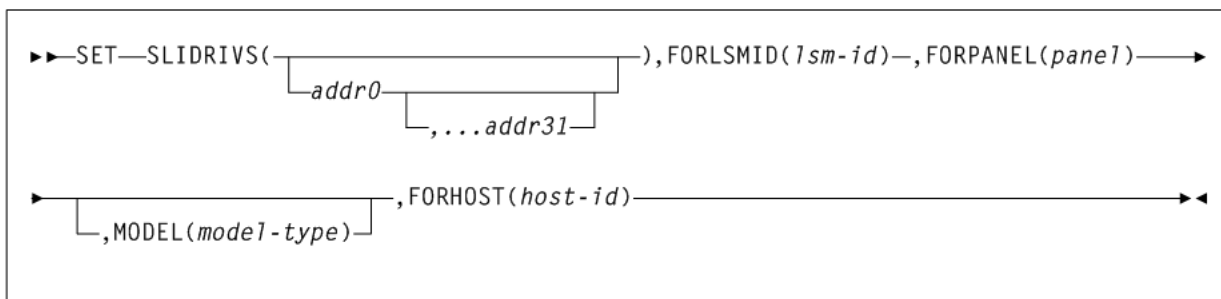
Active HSC not required

Figure 2–163   SET VAULT syntax

```
►►──SET─────────────────────────────────────────────────────────►

►──VAULT─┬────────────────────────────────────────────────────┬──►◄
         ├─ADD─NAME(cccc)─SLOTS(nnnn)──────────────────────────┤
         │                  └─DESC(aaaa)─TMSNAME(bbbb)──────────┤
         ├─DEL─NAME(cccc)───────────────────────────────────────┤
         └─MOD─NAME(cccc)───────────────────────────────────────┘
                  └─SLOTS(nnnn)─DESC(aaaa)─TMSNAME(bbbb)─NEWNAME(cccc)┘
```

SET VAULTVOL

Interfaces:

- ■ SLUADMIN utility only

- ■ UUI Support: No

Subsystem Requirements:

Active HSC not required

Figure 2–164   SET VAULTVOL syntax

```
►►──SET──VAULTVOL──NBRVOLS──(nnnnnn)─────────────────────────────►◄
```
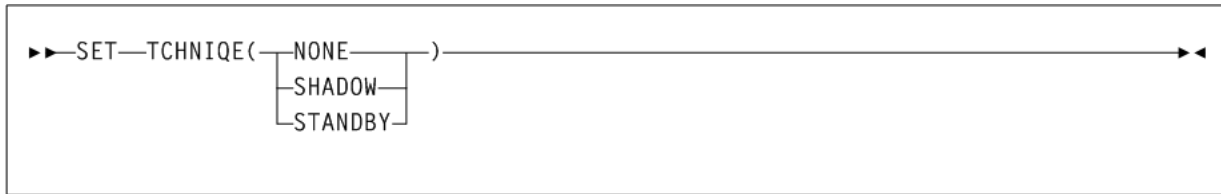
SET VOLPARM

Interfaces:

- `SLUADMIN` utility only

- UUI Support: No

Subsystem Requirements:

Active HSC not required

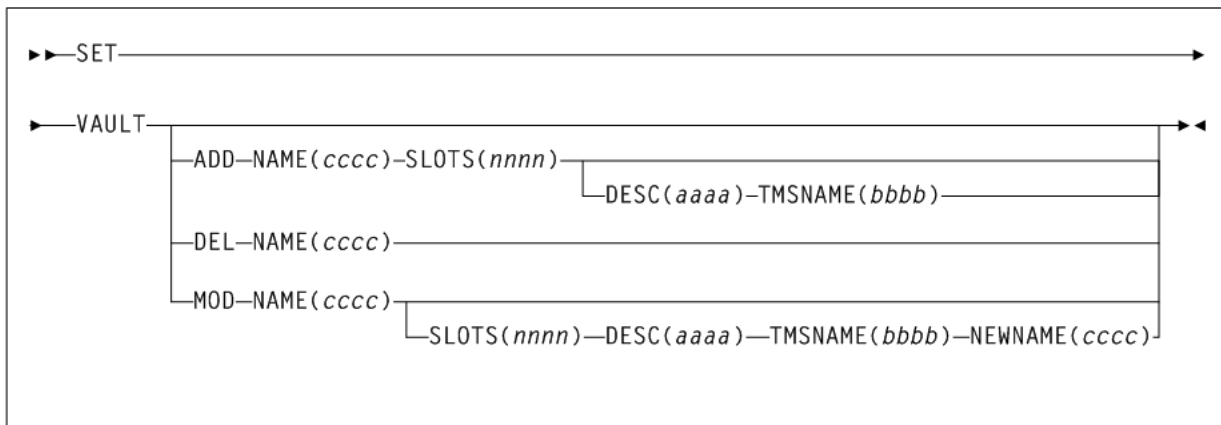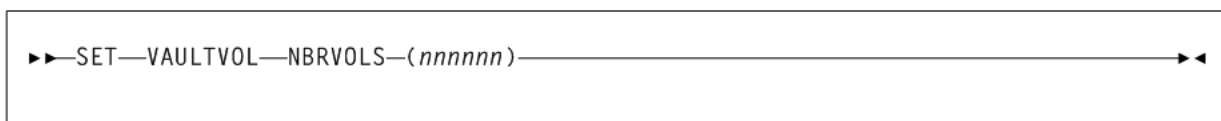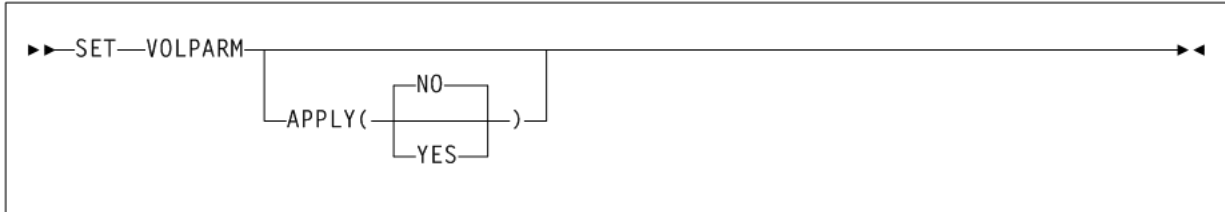*Figure 2–165   SET VOLPARM syntax*

```
►►─SET─VOLPARM────────────────────────────────────────────────►◄
                  │              ┌─NO─┐       │
                  └─APPLY(───────┼────┼───)───┘
                                 └─YES─┘
```

POOLPARM Control Statement

Figure 2−166   POOLPARM syntax

```
►►─POOLPARM──| TYPE Parameters |──────────────────────────────────►◄


TYPE Parameters:

├─TYPE(SCRATCH)──NAME(nnnn)─────────────────────────────────────────────┤
                           │                        ┌─SL─┐    ┌─DRTEST─┐
                           └─HOSTid(─┬─,─┬─hostid─┘  └─LABEL(─┬─NL─┬─)─┘ └────────┘
                                     │   ▲          │        ├─AL─┤
                                     └───┘          │        └─NSL─┘


├───TYPE(CLEAN)──────────────────────────────────────────────────────────┤
              └─MAXclean(nn)─┘

├───TYPE(MVC)────────────────────────────────────────────────────────────►
           └─NAME(nnnn)─┘  └─DRTEST─┘  └─INITMVC(─┬─YES─┬─)─┘
                                                  └─NO──┘

►──┬──────────────────────────────────────────────────────────────────┬──┤
   └─MVCFREE(nn)─┘ └─MAXMVC(nn)─┘ └─START(nn)─┘ └─THRESH(nn)─┘ └─INPTHRSH(nn)─┘

   ├─RECLaim(─┬─AUTo──────┐
   │          ├─DEMand────┤
   │          ├─REPortonly─┤
   │          └─NONe───────┘
   │
   ├─NORECLAM──────────────────────────
   └─NOMIGRAT──────────────────────────

├───TYPE(EXTERNAL)──NAME(nnnn)─────────────────────────────────────────────┤
                             └─OWNRPLEX(tapeplex-name)─┘
```

VOLPARM Control Statement

Figure 2–167   VOLPARM syntax

```
►►─VOLPARM─VOLSER(──┬──volser────┬──)───────────────────────────────►
                    ├──vol-range─┤         ┌─MEDia(media-type)─┐
                    │    ┌─,─┐   │
                    └────▼─vol-list─┘

►──────────────────────────────────────────────────────────────────►◄
     └─RECtech(recording-technique)─┘  └─INITSCR─┘  └─DRTEST─┘
```

SET VOLPARM UPDATE

Interfaces:

■   `SLUADMIN` utility only

■   UUI Support: No

Subsystem Requirements:
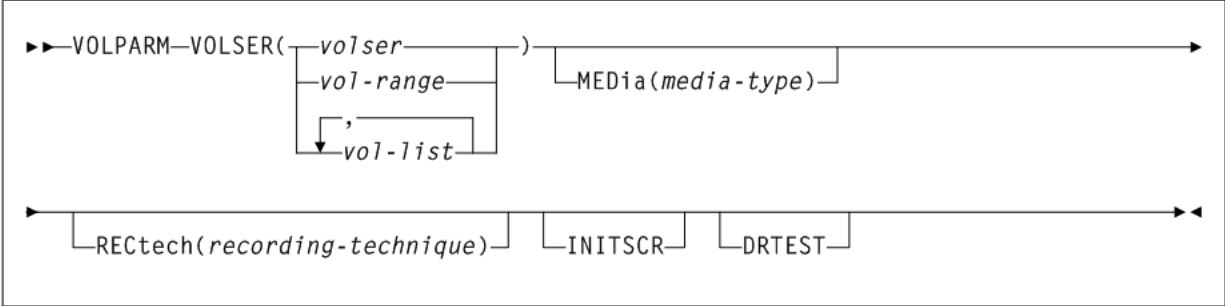
Active HSC not required

Figure 2–168   SET VOLPARM UPDATE syntax

```
►►─SET──VOLPARM──UPDATE──────────────────────────────────────────►◄
                        │         ┌─NO──┐     │
                        └─APPLY(──┼─────┼──)──┘
                                  └─YES─┘
```

POOLPARM Change Control Statement

Figure 2–169   POOLPARM Change syntax

```
►►─POOLPARM──| change type |─| pool parameters |──────────────────►◄
```

VOLPARM Change Control Statement

Figure 2–170   VOLPARM Change syntax

```
►►─VOLPARM─| change type |─| pool parameters |───────────────────►◄
```
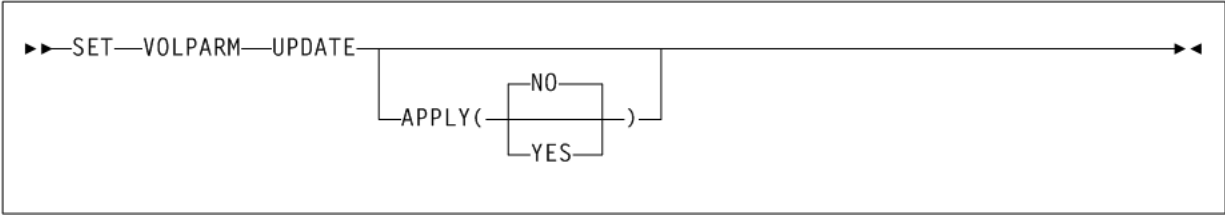
SET VOLPARM JOIN

Interfaces:

- `SLUADMIN` utility only

- UUI Support: No

Subsystem Requirements:

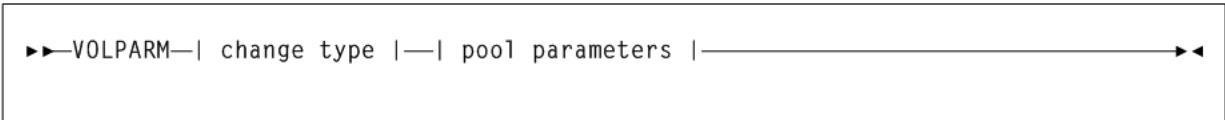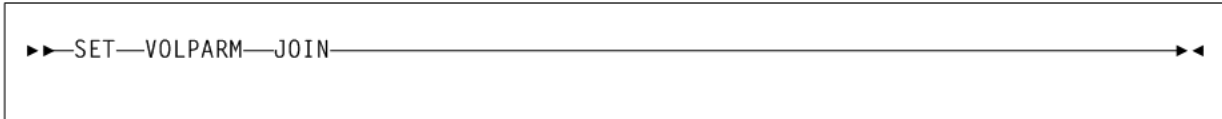Active HSC not required

Figure 2–171   SET VOLPARM JOIN syntax

```
►►──SET──VOLPARM──JOIN────────────────────────────────────────────►◄
```

SRVlev

Interfaces:

- Console or `PARMLIB` only

- UUI Support: No

Subsystem Requirements:

Active HSC at `BASE` or `FULL` service level

Figure 2–172   SRVlev syntax

```
►►──SRVlev──┬──BASE──┬────────────────────────────────────────────►◄
            └──FULL──┘
```

STOPMN

Interfaces:

- Console or `PARMLIB` only

- UUI Support: No

Subsystem Requirements:

Active HSC at `BASE` or `FULL` service level

Figure 2–173   STOPMN syntax

```
►►──┬──STOPMN──┬──PGMI──────────────────────────────────────────────►◄
    └──PM──────┘     └──,L(──┬──────┬──)──┘
                             ├──cc────┤
                             └──name──┘
```

SWitch

Interfaces:

- Console or PARMLIB only
- UUI Support: No

Subsystem Requirements:

Active HSC at FULL service level

Figure 2–174   SWitch syntax

```
►►──SWitch─────────────────────────────────────────────────►◄
           └─Acs acs-id─────┐   └─LIBrary lib-id─┘
                  └─RESET─┘

Note: ACS acs-id is optional in a single ACS environment; it is required in a multi-ACS environment.
```
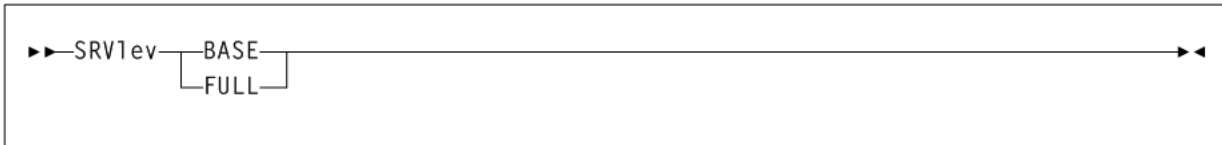
TRace

Interfaces:

- Console or utility
- UUI Support: Yes

Subsystem Requirements:

Active HSC at BASE or FULL service level

Figure 2–175   TRace syntax

```
►►──TRace────────────comp-name──────────────────────────►◄
          └─OFF─┘  ┌──,──┐
                   ▼─comp-list─┘
```
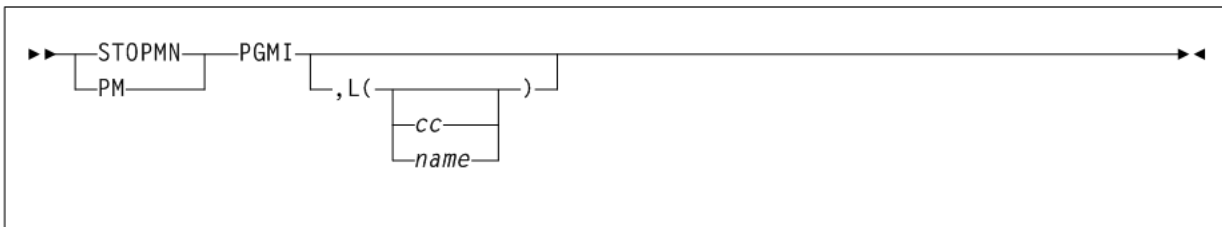
TRACELKP

Interfaces:

- Console or PARMLIB only
- UUI Support: No

Subsystem Requirements:

Active HSC at BASE or FULL service level

Figure 2–176   TRACELKP syntax

```
►►─TRACELKP─────────────────────────────────────────►◄
            ┌─table-name─────┐
            │    ┌─,──────┐  │
            ├────▼table-list─┤
            └─OFF─table-name─┘
```

UEXIT

Interfaces:

■ Console or PARMLIB only

■ UUI Support: No

Subsystem Requirements:

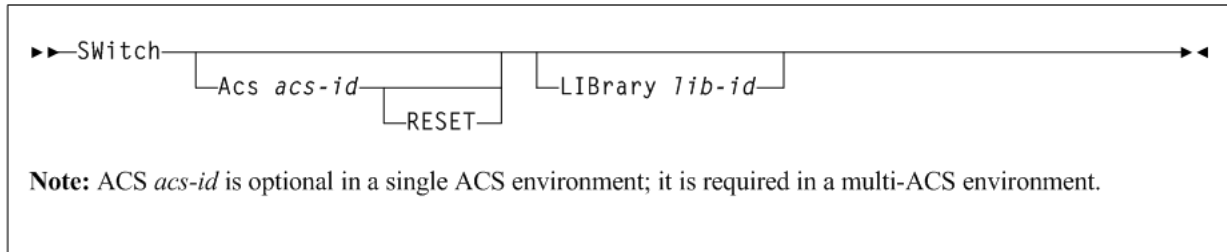Active HSC at BASE or FULL service level

Figure 2–177   UEXIT syntax

```
                    ┌─SLSUXnn─┐   ┌─,Enable──┐
►►─UEXIT──nn──Load(─┤         ├─)─┤          ├──────►◄
                    └─name────┘   └─,Disable─┘
              ├─Enable──────────────────────┤
              └─Disable─────────────────────┘
         ├─nn─────────────┬Query
         ├─nn-range───────┤
         │    ┌─,──────┐  │
         └─(──▼nn-list──)─┘
```
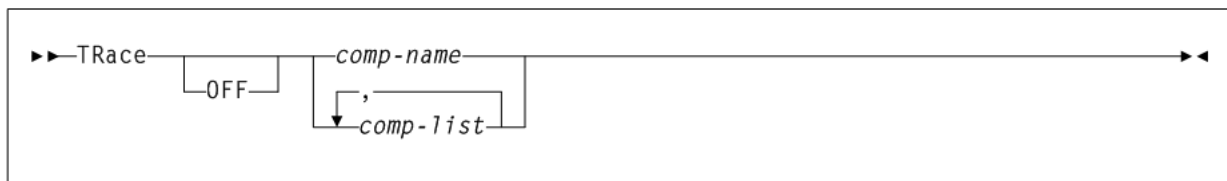
UNSCratch

Interfaces:

■ Console or utility

■ UUI Support: Yes

Subsystem Requirements:

Active HSC at FULL service level

Figure 2–178   UNSCratch syntax

```
                        ┌─,───────┐
►►─UNSCratch──VOLser(───▼vol-list──)─────────────────►◄
```

UNSElect

Interfaces:

- `SLUADMIN` utility only
- UUI Support: No

Subsystem Requirements:

Active HSC not required

Figure 2–179   UNSElect syntax

```
►►──UNSElect────VOLser(volser)──────────────────────────────────────►◄
                              └──,FORCE──┘
```

Vary

Interfaces:

- Console or `PARMLIB` (`Vary ACS`)
- Console or utility, UUI All (`Vary CLINK`, `RTD`, or `VTSS`)
- UUI Support: Yes

Subsystem Requirements:

- Active HSC at `FULL` service level (`Vary ACS`)
- Active HSC/VTCS (`Vary CLINK`, `RTD`, or `VTSS`)
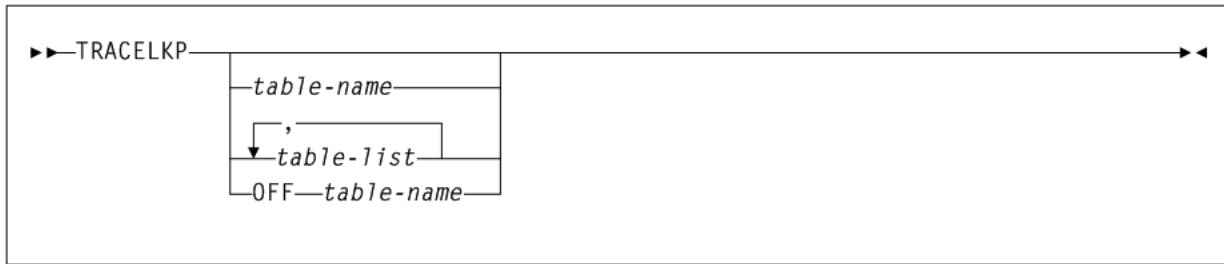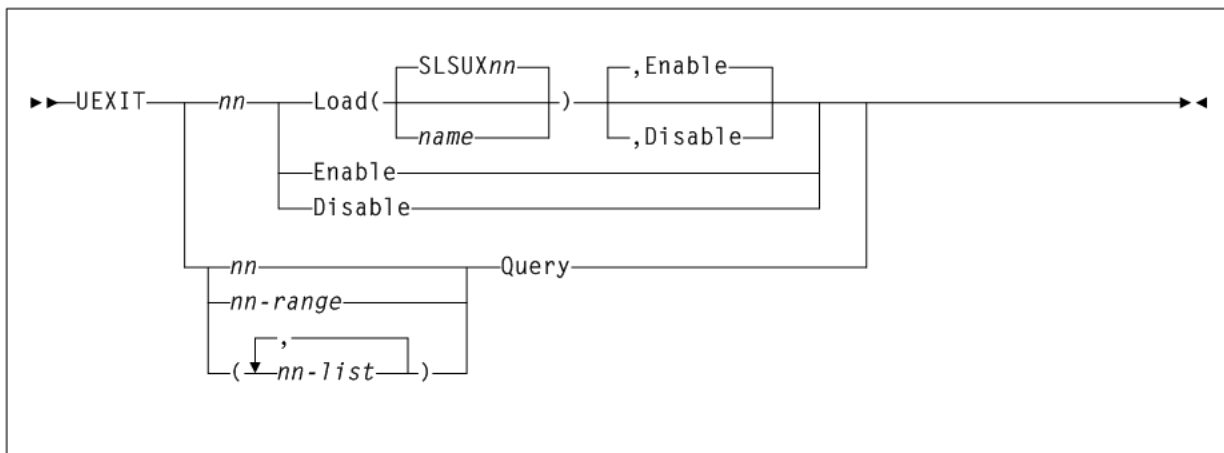
Figure 2–180 Vary syntax

VIew

Interfaces:

- Console or PARMLIB only
- UUI Support: No

Subsystem Requirements:

Active HSC at FULL service level

Figure 2–181   VIew syntax

```
►►──VIew──┬─CAp─┬─CAPID(ØØ:ØØ:ØØ)──┬──┬─Row(ØØ)─┬──┬─Column(ØØ)─┬────────────►
          │     ├─CAPID(cap-id)────┤  └─Row(rr)─┘  └─Column(cc)─┘
          │     └─Lsm(lsm-id)──────┘
          │
          ├─CEll─┬─Lsm(ØØ:ØØ)──┬──┬─Panel(ØØ:ØØ)─┬──┬─Row(ØØ:ØØ)─┬──┬─Column(ØØ:ØØ)─┬─
          │      └─Lsm(lsm-id)─┘  └─Panel(pp)────┘  └─Row(rr)────┘  └─Column(cc)────┘
          │
          ├─DRive──Address(xxx)──┬──────────────┬──────────────────────────────────
          │                      └─Host(host-id)┘
          │
          ├─PLaygrnd─┬─Lsm(ØØ:ØØ)──┬──┬─Column(ØØ:ØØ)─┬────────────────────────────
          │          └─Lsm(lsm-id)─┘  └─Column(cc)────┘
          │
          └─PTp─┬─Lsm(ØØ:ØØ)──┬──┬──────────┬──┬─Column(Ø)─┬──────────────────────
                └─Lsm(lsm-id)─┘  └─Xlsm(ll)─┘  └─Column(c)─┘

►──┬──────────────┬──►◄
   └─Time(ttt)────┘
```

VLEMAINT

Interfaces:

- Console or utility
- UUI Support: Yes

Subsystem Requirements:

Active HSC/VTCS

Figure 2–182   VLEMAINT syntax

```
►►─VLEMAINT─┬─MOVEMVC(─┬─mvc-list──┬─)─TOVLE(name)────────────────────────────►◄
            │          └─mvc-range─┘              └─MGMTclas(name)─┘
            │
            └─COPYMVC(─┬─mvc-list──┬─)─TOVLE(name)─STORclas(name)─┐
                       └─mvc-range─┘                             ┌┤ Optional ├┐
                                                                  └ Parameters ┘
```
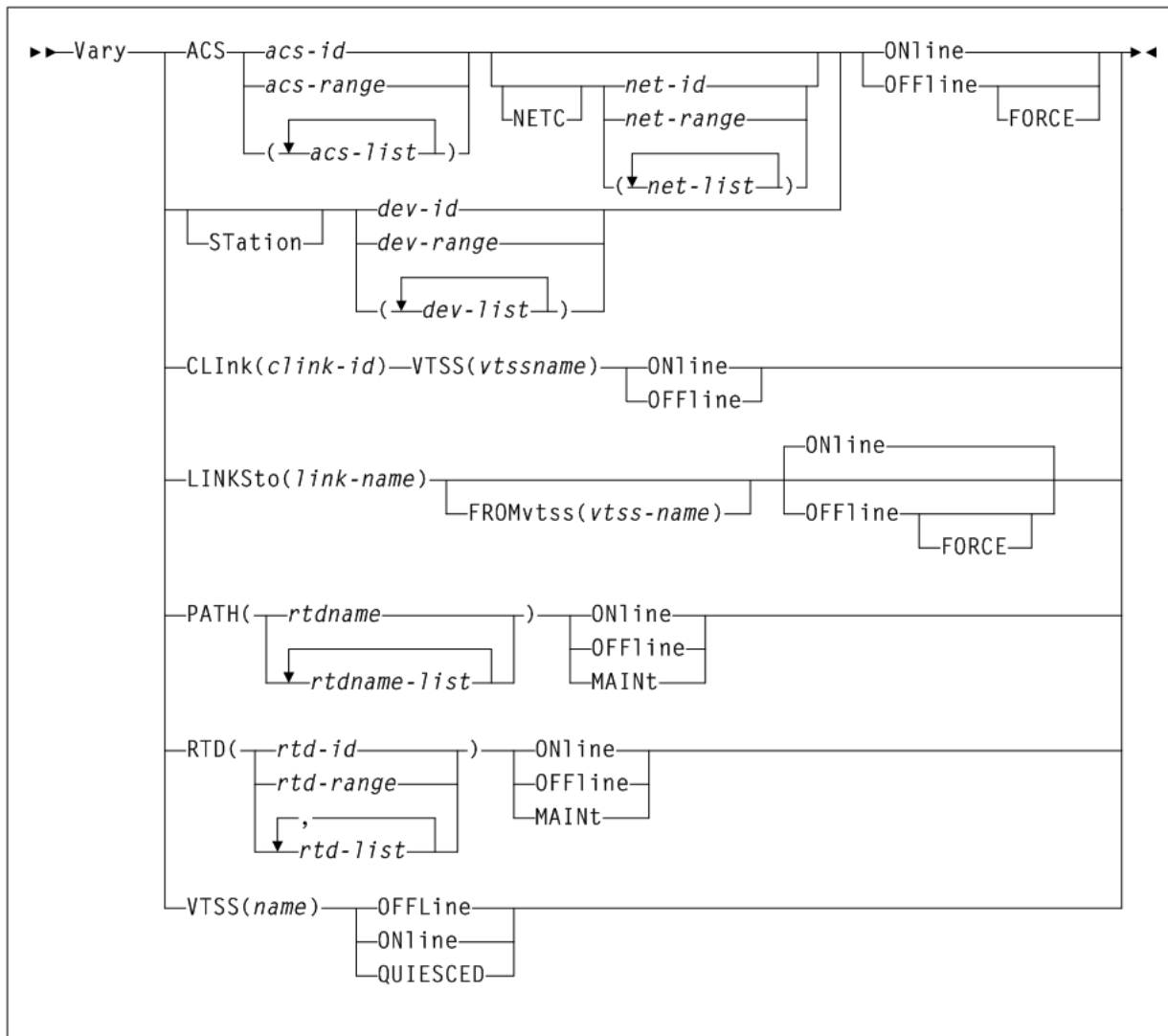
Optional Parameters:

```
├─┬────────────────┬─┬───────────────┬─┤
  └─MGMTclas(name)─┘ └─REPMGMT(name)─┘
```

VOLPCONV

Interfaces:

- `SLUADMIN` utility only
- UUI Support: No

Subsystem Requirements:

Active HSC not required

Figure 2–183   VOLPCONV syntax

```
►►─VOLPCONV───────────────────────────────────────────────────►◄
           │                   ┌─CLN────┐        │
           └─CLNPRFX(─┴─prefix─┴─)─┘
```

VOLRpt

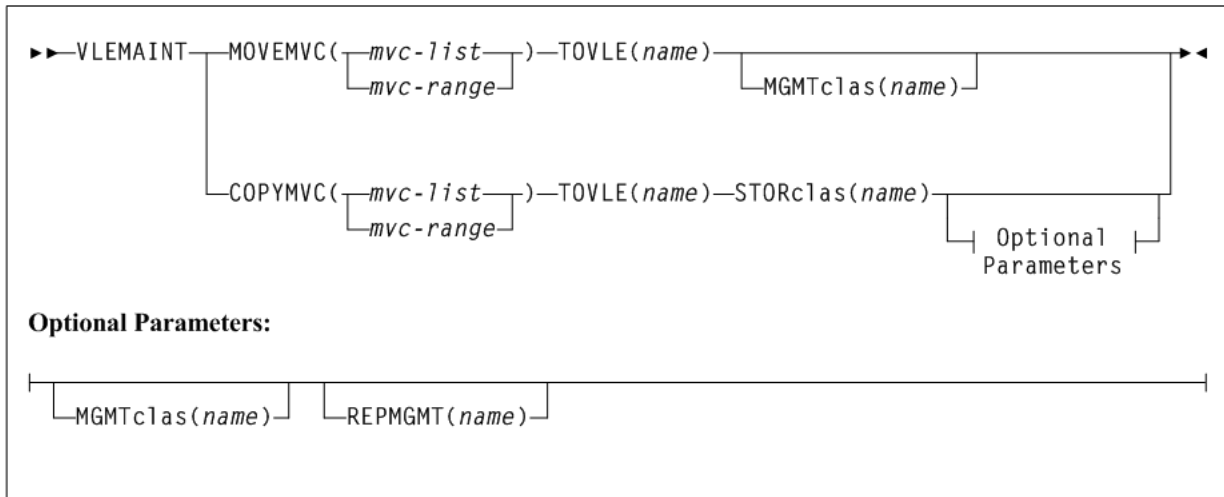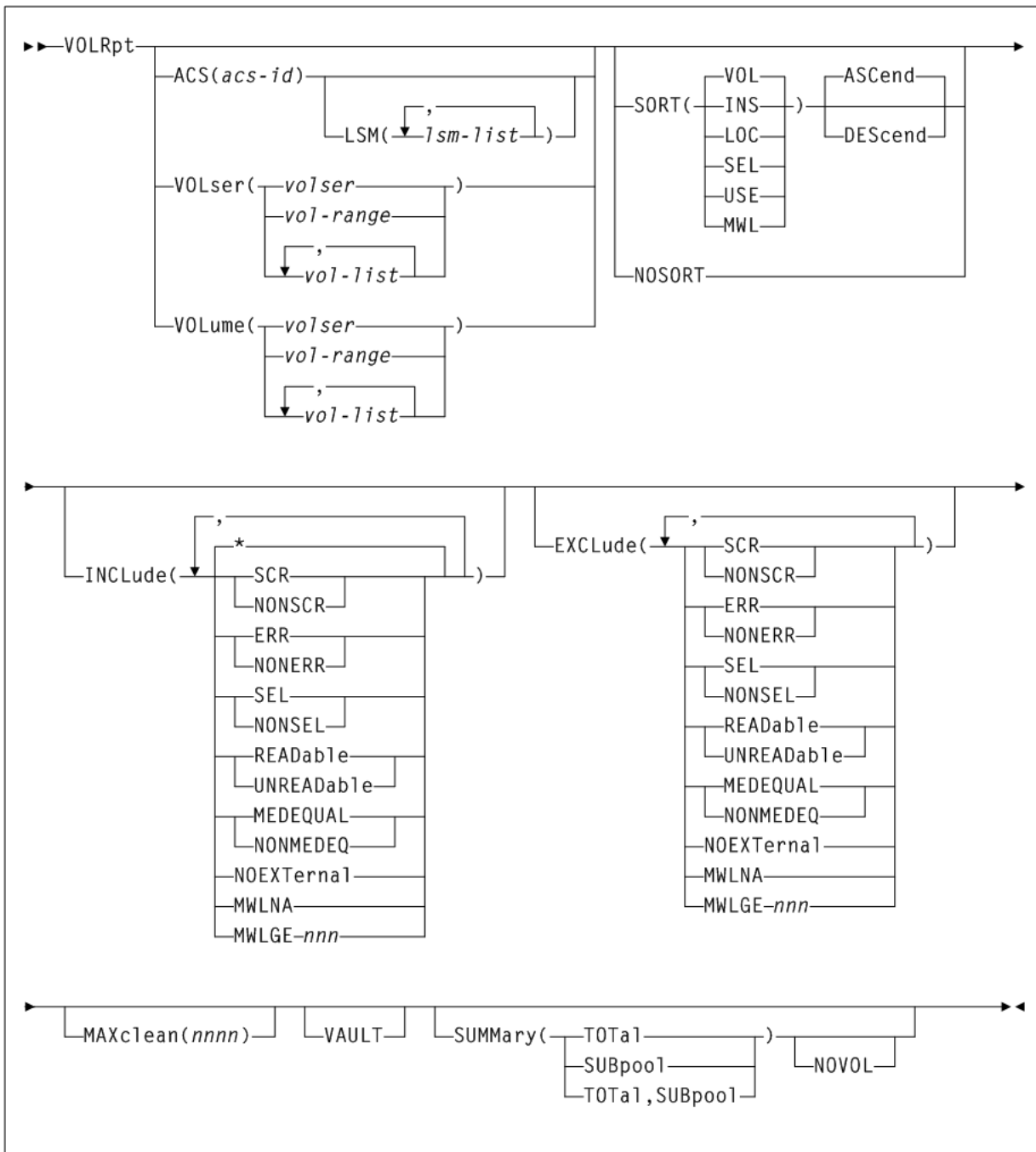**Interfaces:**

- Utility only
- UUI Support: Yes

Subsystem Requirements:

Active HSC not required
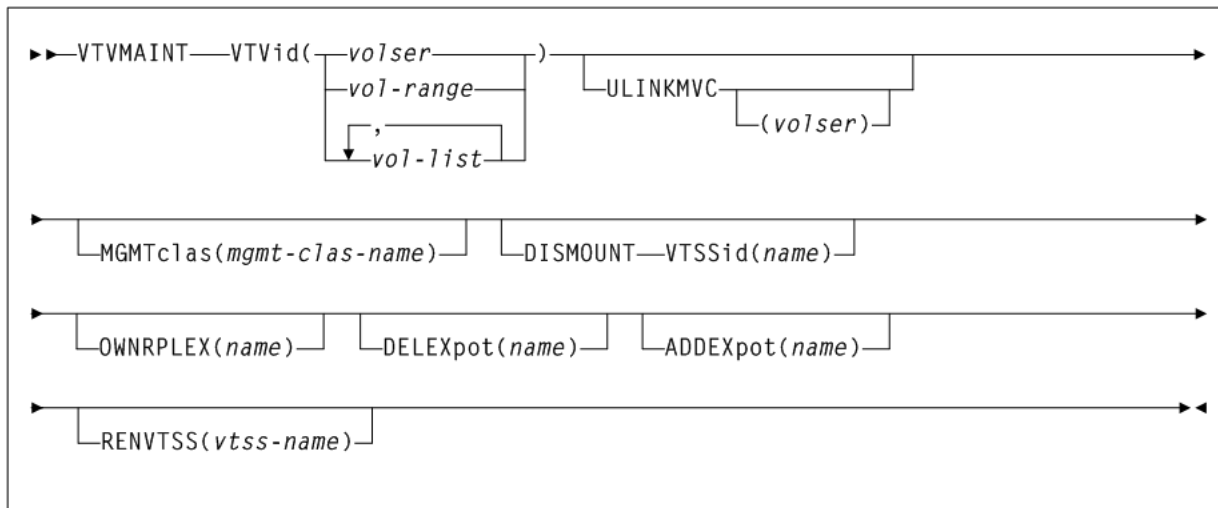
Figure 2–184 VOLRpt syntax

VTVMAINT

Interfaces:

- Utility only
- UUI Support: Yes

Subsystem Requirements:

Active HSC not required
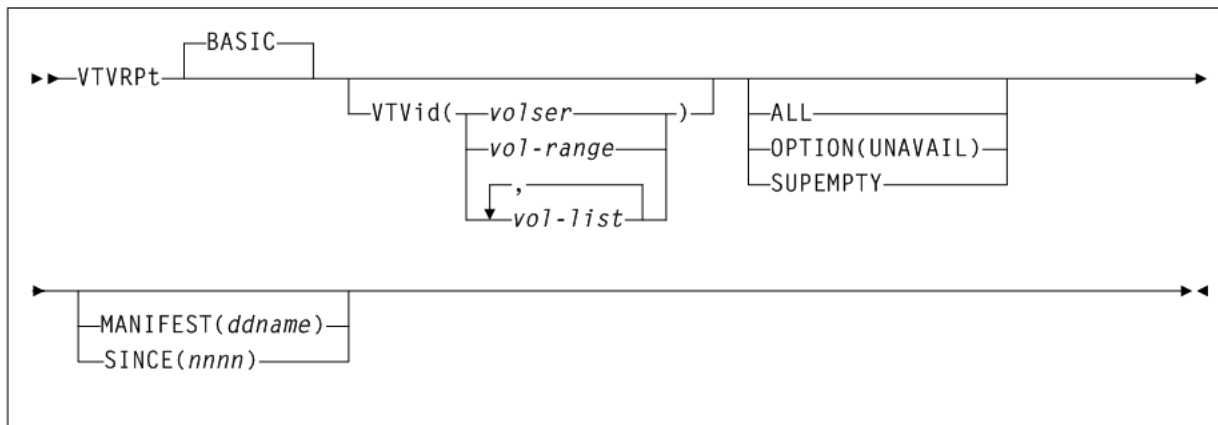
Figure 2–185   VTVMAINT syntax

```
►►──VTVMAINT──VTVid(──┬─volser───┬──)──┬─────────────────────┬──────────►
                      ├─vol-range─┤      └─ULINKMVC───────────┘
                      │  ┌─,─┐    │             └─(volser)─┘
                      └──┴─vol-list─┘

►──┬───────────────────────────┬──┬─────────────────────────────┬────────►
   └─MGMTclas(mgmt-clas-name)─┘  └─DISMOUNT──VTSSid(name)─┘

►──┬────────────────┬──┬──────────────┬──┬──────────────┬─────────────────►
   └─OWNRPLEX(name)─┘  └─DELEXpot(name)─┘  └─ADDEXpot(name)─┘

►──┬─────────────────────┬─────────────────────────────────────────────►◄
   └─RENVTSS(vtss-name)─┘
```

VTVRPt BASIC

Interfaces:

- Utility only
- UUI Support: Yes

Subsystem Requirements:

Active HSC not required

Figure 2–186   VTVRPt BASIC syntax

```
                ┌─BASIC─┐
►►──VTVRPt──┴───────┴──┬──────────────────────────┬──┬─ALL─────────────┬──►
                        └─VTVid(──┬─volser───┬──)──┘  ├─OPTION(UNAVAIL)─┤
                                  ├─vol-range─┤        └─SUPEMPTY────────┘
                                  │  ┌─,─┐    │
                                  └──┴─vol-list─┘

►──┬─MANIFEST(ddname)─┬───────────────────────────────────────────────►◄
   └─SINCE(nnnn)──────┘
```

VTVRPt COPIES

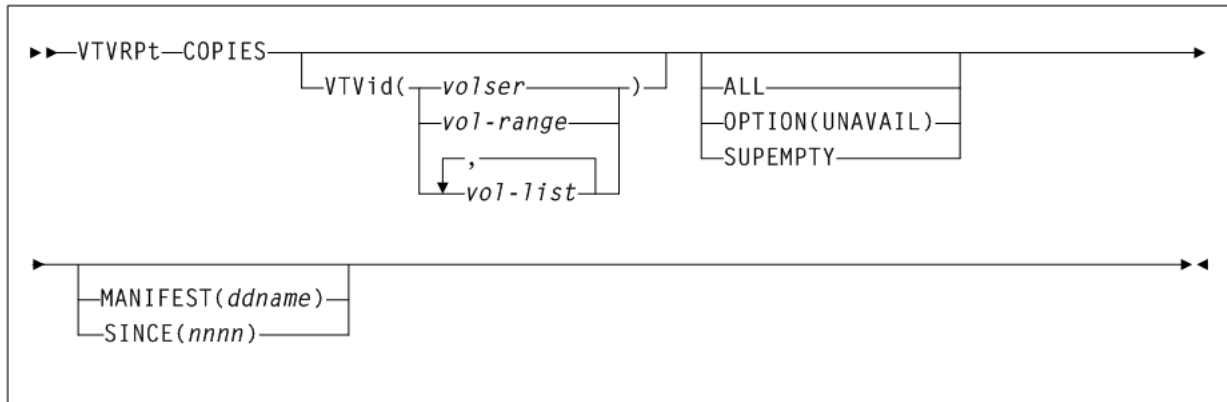**Interfaces:**

- Utility only
- UUI Support: Yes

Subsystem Requirements:

Active HSC not required
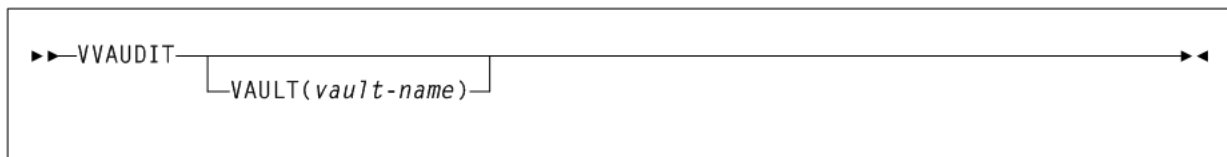
Figure 2–187   VTVRPt COPIES syntax

```
►►──VTVRPt──COPIES─────────────────────────────────────────────────────────►
                      ┌─VTVid(─┬─volser────┬─)─┐  ┌─ALL───────────────┐
                      │        ├─vol-range──┤   │  ├─OPTION(UNAVAIL)───┤
                      │        │  ┌─,──┐    │   │  └─SUPEMPTY──────────┘
                      │        └──▼─vol-list─┘   │
                      └─────────────────────────┘

   ►──────────────────────────────────────────────────────────────────►◄
     ┌─MANIFEST(ddname)─┐
     └─SINCE(nnnn)──────┘
```

VVAUDIT

Interfaces:

■   Utility only

■   UUI Support: Yes

Subsystem Requirements:

Active HSC at BASE or FULL service level

Figure 2–188   VVAUDIT syntax

```
►►──VVAUDIT──────────────────────────────────────────────────────────────►◄
            └─VAULT(vault-name)─┘
```

Warn

Interfaces:

■   Console or PARMLIB only

■   UUI Support: No

Subsystem Requirements:

Active HSC at BASE or FULL service level

Figure 2–189   Warn syntax

```
►►─Warn─SCRatch─┬─acs-id─┬─────────────────────────────── THReshld(threshold-value)─►
                ├─lsm-id─┤  └─SUBpool(subpool-name)─┘
                └─VSM───┘


    ►──────────────────────────────────────────────────────────────────────►◄
      └─MEDia(media-type)──RECtech(─┬─recording-technique─┬─)─┘
                                     └──────◄──────────────┘
```