



StorageTek™ Expert Library Manager Software

Quick Reference

CRC Update Only
Revision B
Version 6.2

Expert Library Manager

Quick Reference

Version 6.2

MVS

CRC Update Only

Revision B

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We welcome your feedback. Please contact the Sun Learning Solutions Feedback System at SLSFS@Sun.com or

Sun Learning Services
Sun Microsystems, Inc.
One StorageTek Drive
Louisville, CO 80028-3256
USA

Please include the publication name, part number, and edition number in your correspondence if they are available. This will expedite our response.

Notices

Please read the following compliance and warning statements for this product.

Potential equipment damage: Cables that connect peripherals must be shielded and grounded; refer to descriptions in the cable instruction manuals. Operation of this equipment with cables that are not shielded and not correctly grounded might result in interference to radio and TV reception.

Changes or modifications to this equipment that are not expressly approved in advance by StorageTek will void the warranty. In addition, changes or modifications to this equipment might cause it to create harmful interference.

United States FCC Compliance Statement

The following compliance statement pertains to Federal Communications Commission Rules 47 CFR 15.105:

Note: This equipment has been tested and found to comply with the limits for a Class A digital device pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his or her own expense.

CISPR 22 and EN55022 Warning

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Japanese Compliance Statement

The following compliance statement in Japanese pertains to VCCI EMI regulations:

この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づくクラスA情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

English translation: This is a Class A product based on the Technical Requirement of the Voluntary Control Council for Interference by Information Technology (VCCI). In a domestic environment, this product may cause radio interference, in which case the user may be required to take corrective actions.

Taiwan Warning Label Statement

The following warning label statement pertains to BSMI regulations in Taiwan, R.O.C.:

警告使用者：這是甲類的資訊產品，在居住的環境中使用時，可能會造成射頻干擾，在這種情況下，使用者會被要求採取某些適當的對策

English translation: This is a Class A product. In a domestic environment, this product may cause radio interference, in which case, the user may be required to take adequate measures.

Internal Code License Statement

The following is the Internal Code License Agreement from StorageTek:

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PLEASE READ THIS NOTICE CAREFULLY BEFORE INSTALLING AND OPERATING THIS EQUIPMENT. THIS NOTICE IS A LEGAL AGREEMENT BETWEEN YOU (EITHER AN INDIVIDUAL OR ENTITY), THE END USER, AND STORAGE TECHNOLOGY CORPORATION (“STORAGETEK”), THE MANUFACTURER OF THE EQUIPMENT. BY OPENING THE PACKAGE AND ACCEPTING AND USING ANY UNIT OF EQUIPMENT DESCRIBED IN THIS DOCUMENT, YOU AGREE TO BECOME BOUND BY THE TERMS OF THIS AGREEMENT. IF YOU DO NOT AGREE WITH THE TERMS OF THIS AGREEMENT, DO **NOT** OPEN THE PACKAGE AND USE THE EQUIPMENT. IF YOU DO NOT HAVE THE AUTHORITY TO BIND YOUR COMPANY, DO **NOT** OPEN THE PACKAGE AND USE THE EQUIPMENT. IF YOU HAVE ANY QUESTIONS, CONTACT THE AUTHORIZED STORAGETEK DISTRIBUTOR OR RESELLER FROM WHOM YOU ACQUIRED THIS EQUIPMENT. IF THE EQUIPMENT WAS OBTAINED BY YOU DIRECTLY FROM STORAGETEK, CONTACT YOUR STORAGETEK REPRESENTATIVE.

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 - b. Reverse assemble, decode, translate, decompile, or otherwise reverse engineer the Internal Code (except as decompilation may be expressly permitted under applicable European law solely for the purpose of gaining information that will allow interoperability when such information is not otherwise readily available); or
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Any such transfer by you is automatically (without further action on the part of either party) expressly subject to all the terms and conditions of this Notice passing in full to the party to whom such Equipment is transferred, and such transferee accepts the provisions of this license by initial use of the Internal Code. You cannot pass to the transferee of the Equipment any greater rights than granted under this Notice, and shall hold StorageTek harmless from any claim to the contrary by your transferee or its successors or assigns. In addition, the terms and conditions of this Notice apply to any copies of Internal Code now in your possession or use or which you hereafter acquire from either StorageTek or another party.

8. You acknowledge that copies of both Internal Code and Maintenance Code may be installed on the Equipment before shipment or included with the Equipment and other material shipped to you, all for the convenience of StorageTek's service personnel or service providers licensed by StorageTek, and that during the warranty period, if any, associated with the Equipment, and during periods in which the Equipment is covered under a maintenance contract with StorageTek or service providers licensed by StorageTek, both Internal Code and Maintenance Code may reside and be executed in or used in connection with such Equipment, and you agree that no rights to Maintenance Code are conferred upon you by such facts.

StorageTek or the licensed service provider may keep Maintenance Code and service tools and manuals on your premises but they are to be used only by StorageTek's customer service personnel or those of service providers licensed by StorageTek. You further agree that upon

- (i) any termination of such warranty period or maintenance contract period; or
- (ii) transfer of possession of the Equipment to another party, StorageTek and its authorized service providers shall have the right with respect to the affected Equipment to remove all service tools and manuals and to remove or disable all Maintenance Code and/or replace Microcode which includes both Internal Code and Maintenance Code with Microcode that consists only of Internal Code.

Revision History

EC	Date	Description
---	June 2007	Revision B

About This Quick Reference

Expert Library Manager (ExLM) is MVS host software that manages Nearline and VSM resources.

Reader's Comments

If you have comments on this quick reference, please e-mail us at s1sfs@sun.com and include the document title and number with your comments.

About the Software

This quick reference applies to ExLM Version 6.2.0.

How this Guide is Organized

This quick reference contains the following sections:

- “ExLM Control Statements” on page 1
- “ExLM Operator Commands” on page 35
- “ExLM 6.2 Field Tables” on page 37

Related Publications

The following publications provide additional information about ExLM, VSM, and NCS.

ExLM

The ExLM documentation set consists of the ExLM Information CD-ROM, which contains PDF file formats of the following publications:

- *ExLM Installation and Maintenance Guide*
- *ExLM User's Guide (formerly ExLM System Administrator's Guide)*
- *ExLM Messages and Codes*
- *ExLM Quick Reference*

VTCS and VSM

The VTCS and VSM documentation set consists of the VTCS Information CD-ROM, which contains PDF file formats of the following books:

- *Introduction to VSM*
- *VTCS Installation and Configuration Guide*
- *VTCS Administrator's Guide*
- *VTCS Messages and Codes*
- *VTCS Command and Utility Reference*
- *VTCS Quick Reference*

NCS

NCS Installation Guide

HSC-MVS Environment

- *Configuration Guide*
- *Operator's Guide*
- *System Programmer's Guide*
- *Messages and Codes*
- *System Programmer's Reference Summary*
- *Operator's Reference Summary*
- *NCS/VTCS XML Guide*

SMC

- *Configuration and Administration Guide*

LibraryStation

- *Configuration Guide*
- *Operator and System Programmer's Guide*
- *Messages and Codes*

MVS/CSC

- *Configuration Guide*
- *Operator Guide*
- *System Programmer Guide*
- *Messages and Codes*

Conventions for Reader Usability

Conventions are used to shorten and clarify explanations and examples within this book.

Typographic

The following typographical conventions are used in this book:

- **Bold** is used to introduce new or unfamiliar terminology.
- Letter Gothic is used to indicate command names, filenames, and literal output by the computer.
- **Letter Gothic Bold** is used to indicate literal input to the computer.
- *Letter Gothic Italic* is used to indicate that you must substitute the actual value for a command parameter. In the following example, you would substitute your name for the “username” parameter.
- Logon *username*
- A bar (|) is used to separate alternative parameter values. In the example shown below either username or systemname must be entered.
- Logon *username|systemname*
- Brackets [] are used to indicate that a command parameter is optional.
- Ellipses (...) are used to indicate that a command may be repeated multiple times.
- The use of mixed upper and lower case characters (for non–case sensitive commands) indicates that lower case letters may be omitted to form abbreviations. For example, you may simply enter **Q** when executing the **Quit** command.

Keys

Single keystrokes are represented by double brackets [[]] surrounding the key name. For example, press [[ESC]] indicates that you should press only the escape key.

Combined keystrokes use double brackets and the plus sign (+). The double brackets surround the key names and the plus sign is used to add the second keystroke. For example, press [[AL]] + [[C]] indicates that you should press the alternate key and the C key simultaneously.

Enter Command The instruction to “press the [[ENTER]] key” is omitted from most examples, definitions, and explanations in this book.

For example, if the instructions asked you to “enter” **Logon pat**, you would type in **Logon pat** and press `ENTER`.

However, if the instructions asked you to “type” **Logon pat**, you would type in **Logon pat** and you would *not* press `[[ENTER]]`.

Symbols

The following symbols are used to highlight text in this book.



Warning: Information necessary to keep you from damaging your hardware or software.



Caution: Information necessary to keep you from corrupting your data.



Hint: Information that can be used to shorten or simplify your task or they may simply be used as a reminder.

Note: Information that may be of special interest to you. Notes are also used to point out exceptions to rules or procedures.

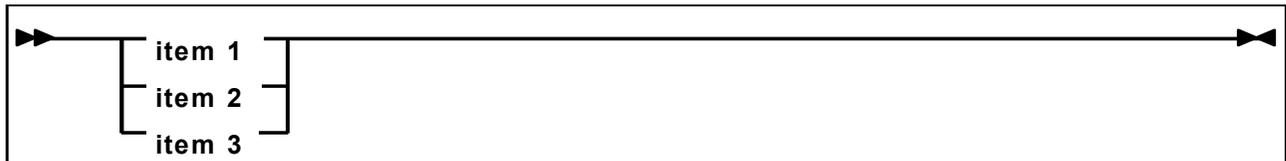
Syntax

Syntax flow diagram conventions include the following:

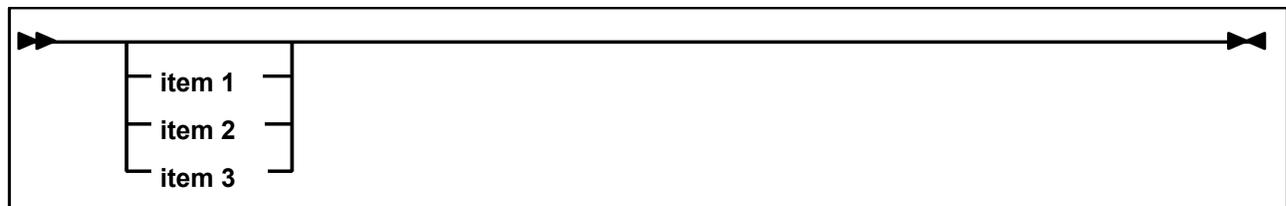
Flow Lines—Syntax diagrams consist of a horizontal baseline, horizontal and vertical branch lines and the command text. Diagrams are read left to right and top to bottom. Arrows show flow and direction.



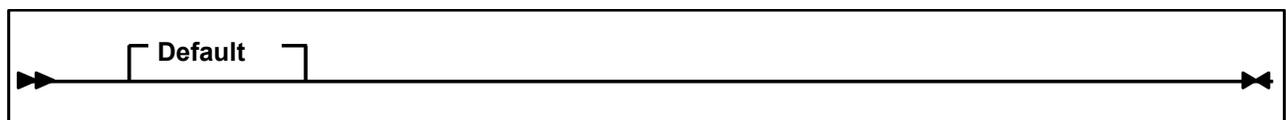
Single Required Choice—Branch lines (without repeat arrows) indicate that a single choice must be made. If one of the items to choose from is on the baseline of the diagram, one item must be selected.



Single Optional Choice—If the first item is on the line below the baseline, one item may optionally be selected.



Defaults—Default values and parameters appear above the baseline.



Additional Information

Sun Microsystems, Inc. (Sun) offers several methods for you to obtain additional information.

Sun's External Web Site Sun's external Web site provides marketing, product, event, corporate, and service information. The external Web site is accessible to anyone with a Web browser and an Internet connection.

The URL for the Sun external Web site is: <http://www.sun.com>

The URL for Sun StorageTek™ brand-specific information is:
<http://www.storagetek.com>

Customer Resource Center The Sun StorageTek product Customer Resource Center (CRC) is a Web site that enables members to resolve technical issues by searching code fixes and technical documentation for StorageTek brand products. CRC membership entitles you to other proactive services, such as HIPER subscriptions, technical tips, answers to frequently asked questions, addenda to product documentation books, and online product support contact information. Customers who have a current warranty or a current maintenance service agreement may apply for membership by clicking on the `Request Password` button on the CRC home page. Sun employees may enter the CRC through the SunWeb PowerPort.

The URL for the CRC is <http://www.support.storagetek.com>

Partners Site The StorageTek Partners site is a Web site for partners with a StorageTek Partner Agreement. This site provides information about products, services, customer support, upcoming events, training programs, and sales tools to support StorageTek Partners. Access to this site, beyond the Partners Login page, is restricted. On the Partners Login page, Sun employees and current partners who do not have access can request a login ID and password and prospective partners can apply to become StorageTek resellers.

The URL for the StorageTek Partners site is:
<http://members.storagetek.com>

The URL for partners with a Sun Partner Agreement is:
<http://www.sun.com/partners/>

Hardcopy Publications Contact a Sun sales or marketing representative to order additional paper copies of this publication or to order other StorageTek brand product customer publications in paper format.

Customer Support

Customer support is available 24 hours a day, seven days a week, to customers with Sun or StorageTek maintenance contracts and to Sun employees. You can find additional information about customer support on the Customer Resource Center (CRC) Web site at:

<http://www.support.storageitek.com>

Requesting Help with Software

A publication that is sent to customers using Sun StorageTek software is called *Requesting Help from Software Support*. This book outlines the customer support provided by the Sun StorageTek Software Support organizations for software and it details the process and guidelines for getting help with Sun Sto

Customer-initiated Maintenance

Customer-initiated maintenance begins with a telephone call from you to Sun Microsystems StorageTek Support. You receive immediate attention from qualified Sun personnel, who record problem information and respond with the appropriate level of support.

To contact Sun Microsystems StorageTek Support about a problem:

1. Use the telephone and call:

 **800.525.0369** (inside the United States)

 **303.673.4056** (outside the United States)

2. Describe the problem to the call taker. The call taker will ask several questions and will either route your call to or dispatch a support representative.

If you have the following information when you place a service call, the process will be much easier:

Account name	
Site location number	
Contact name	
Telephone number	
Equipment model number	
Device address	
Device serial number (if known)	
Urgency of problem	
Fault Symptom Code (FSC)	
Problem description	

Sun's Worldwide Offices

You may contact any of Sun's worldwide offices to discuss complete storage, service, and support solutions for your organization. You can find address and telephone number information on Sun's external Web site at:

<http://www.sun.com/worldwide/>

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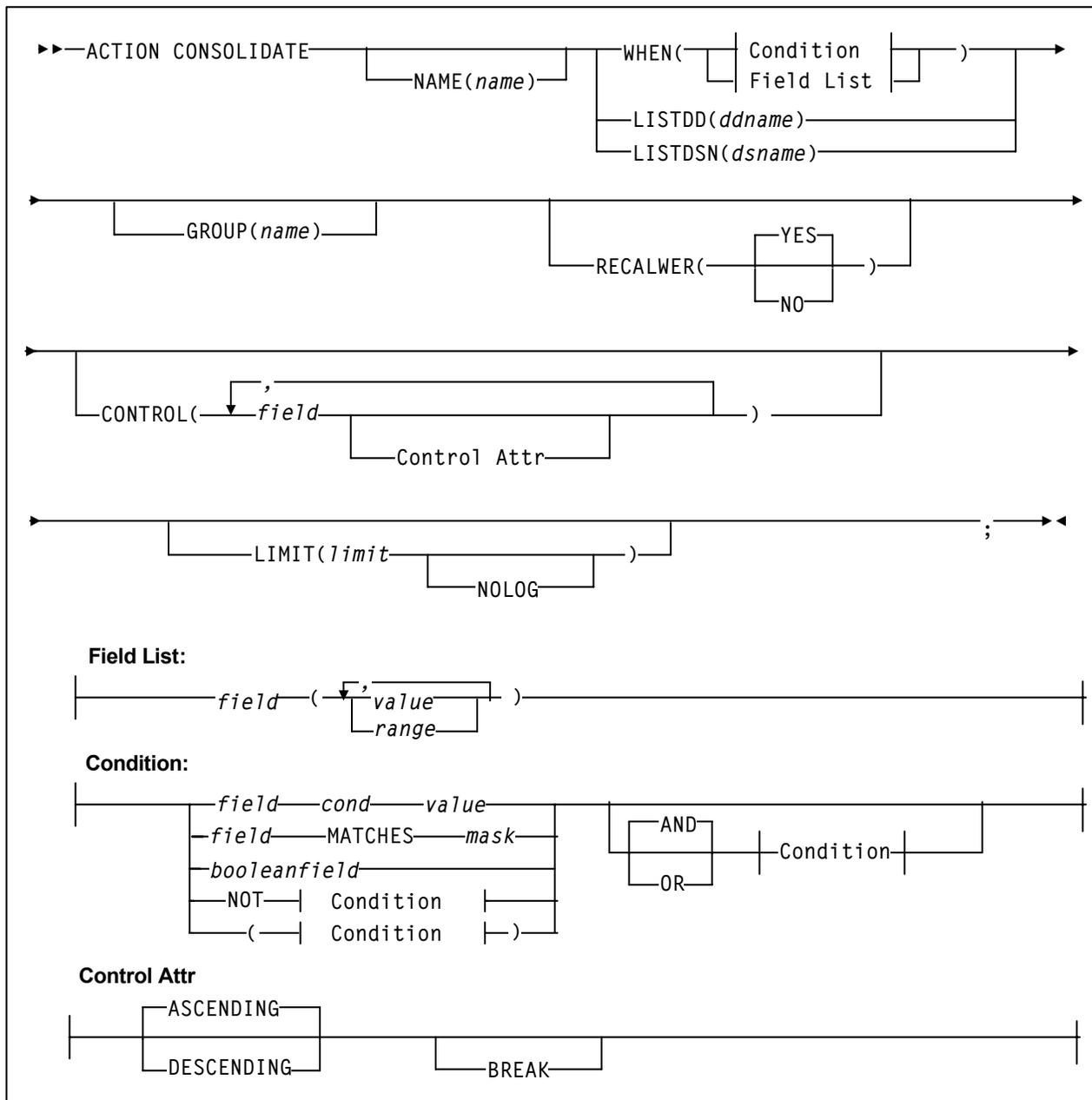
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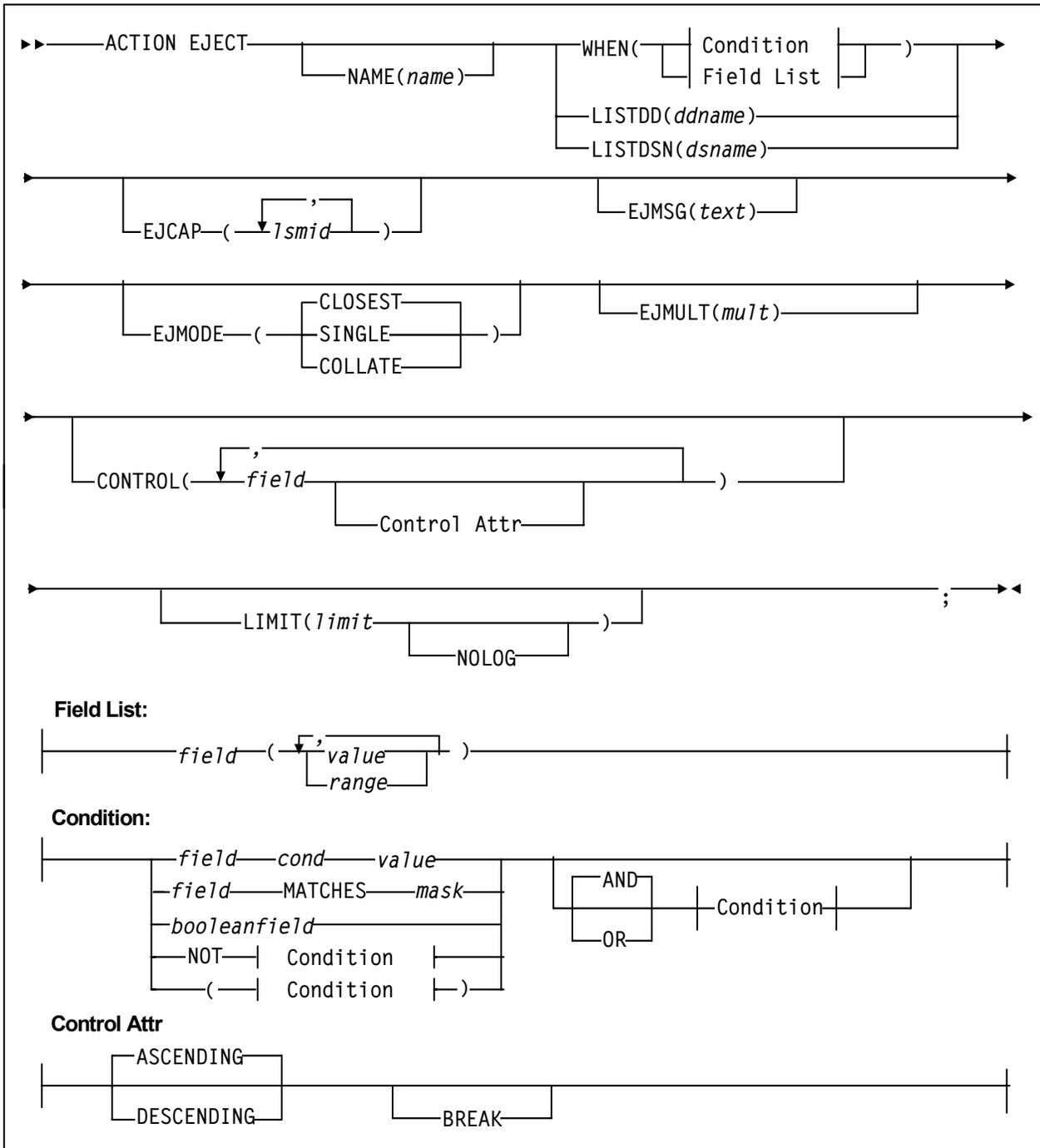
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ExLM Control Statements

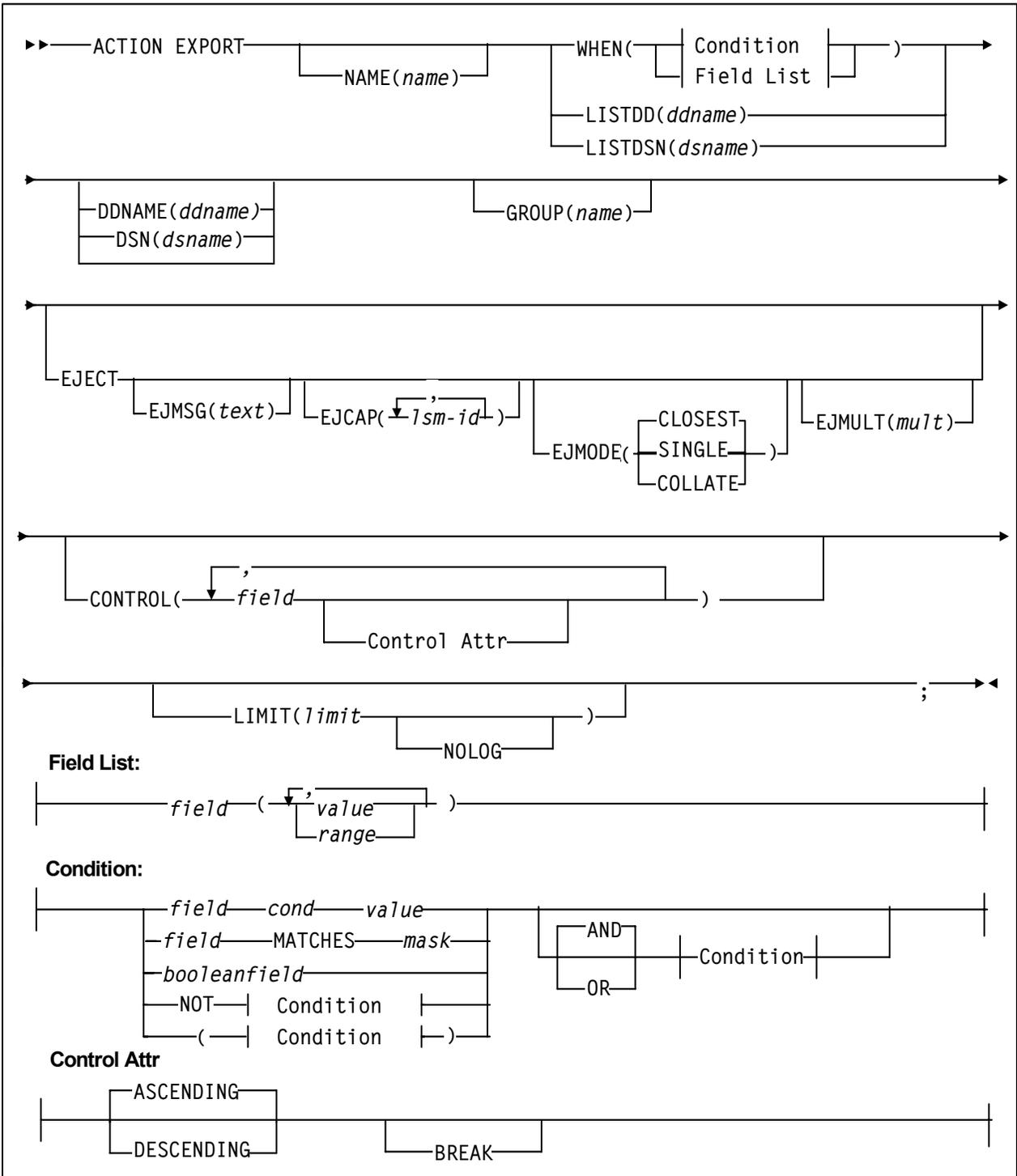
ACTION CONSOLIDATE Statement



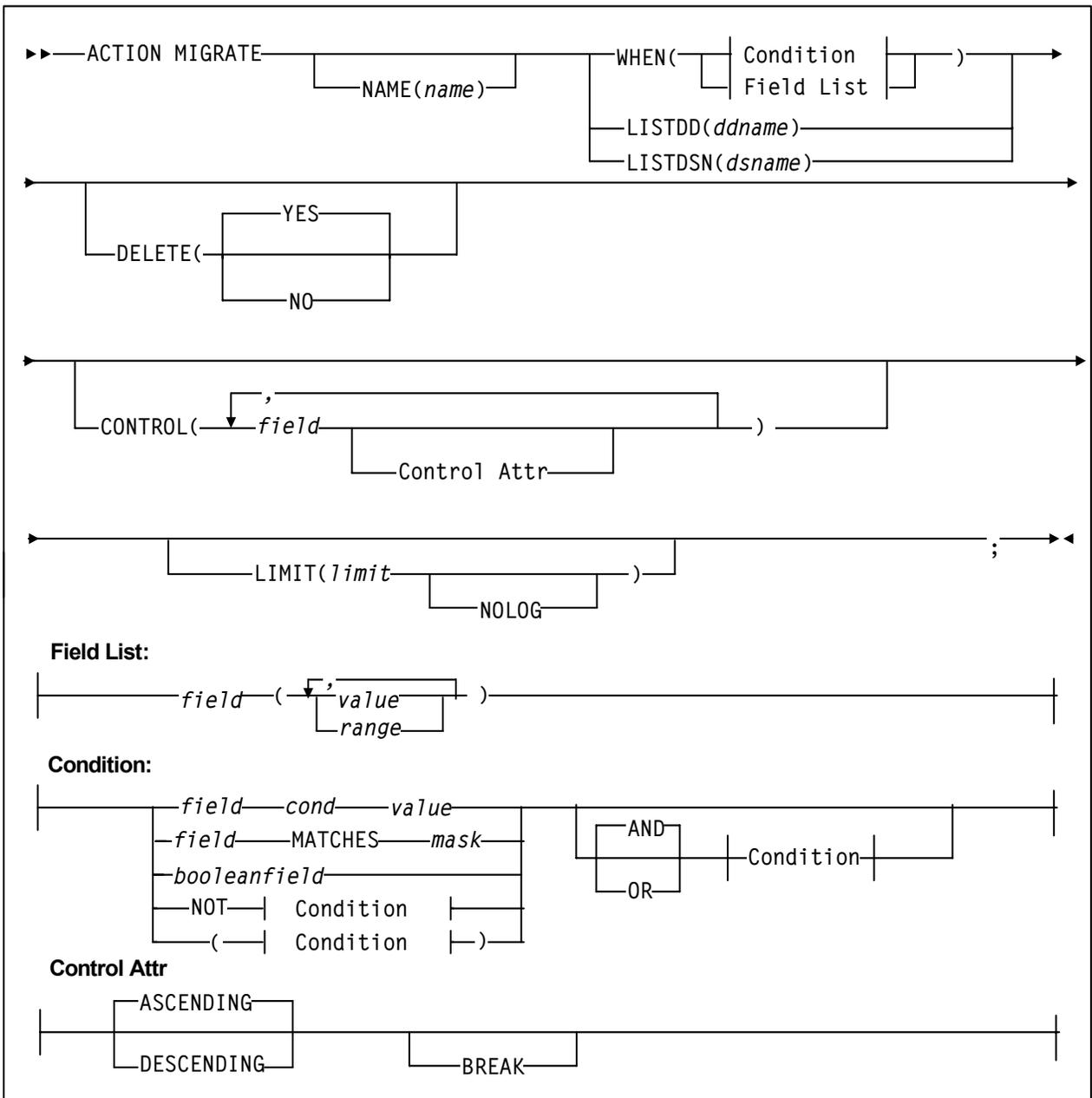
ACTION EJECT Statement



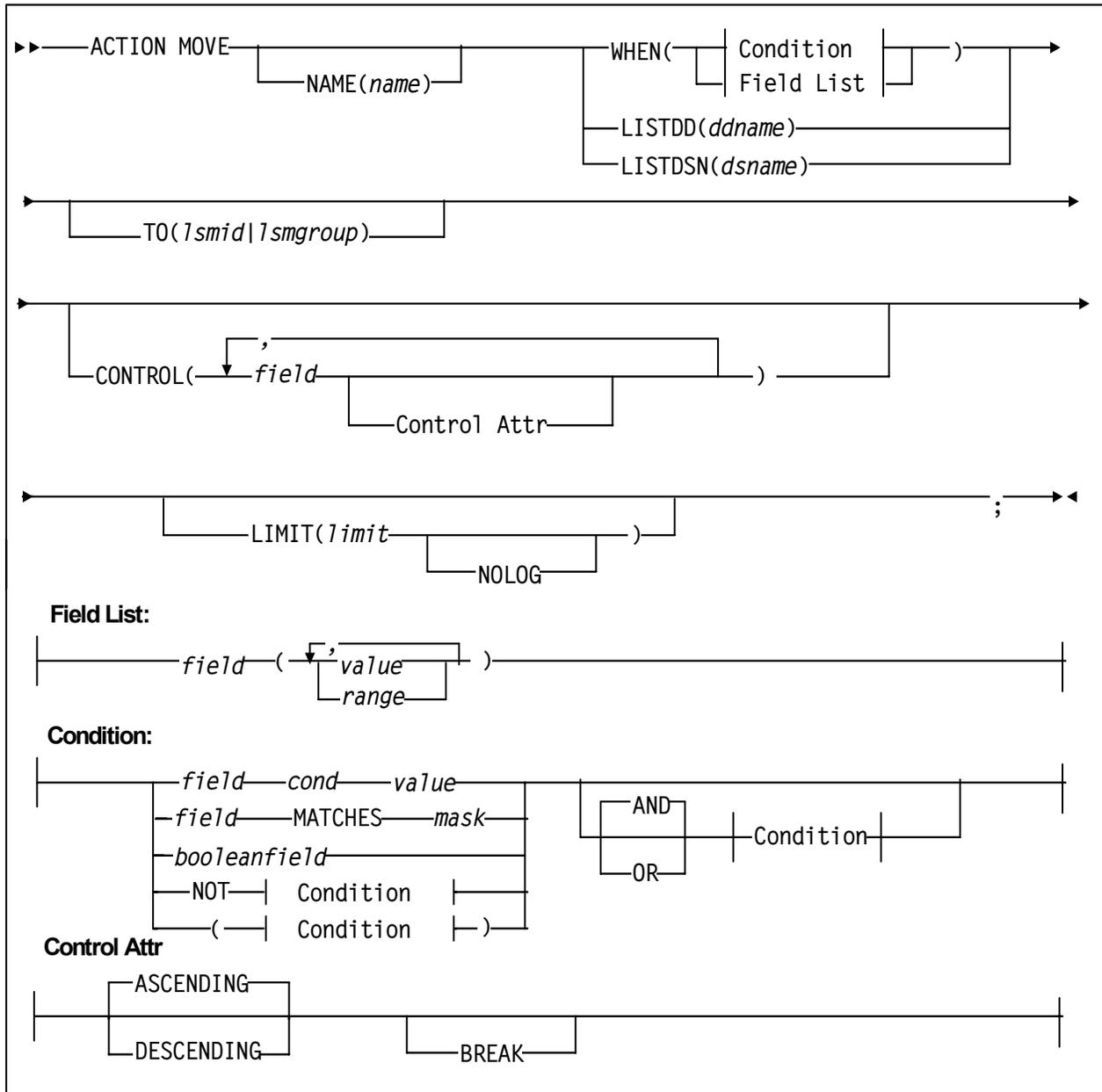
ACTION EXPORT Statement



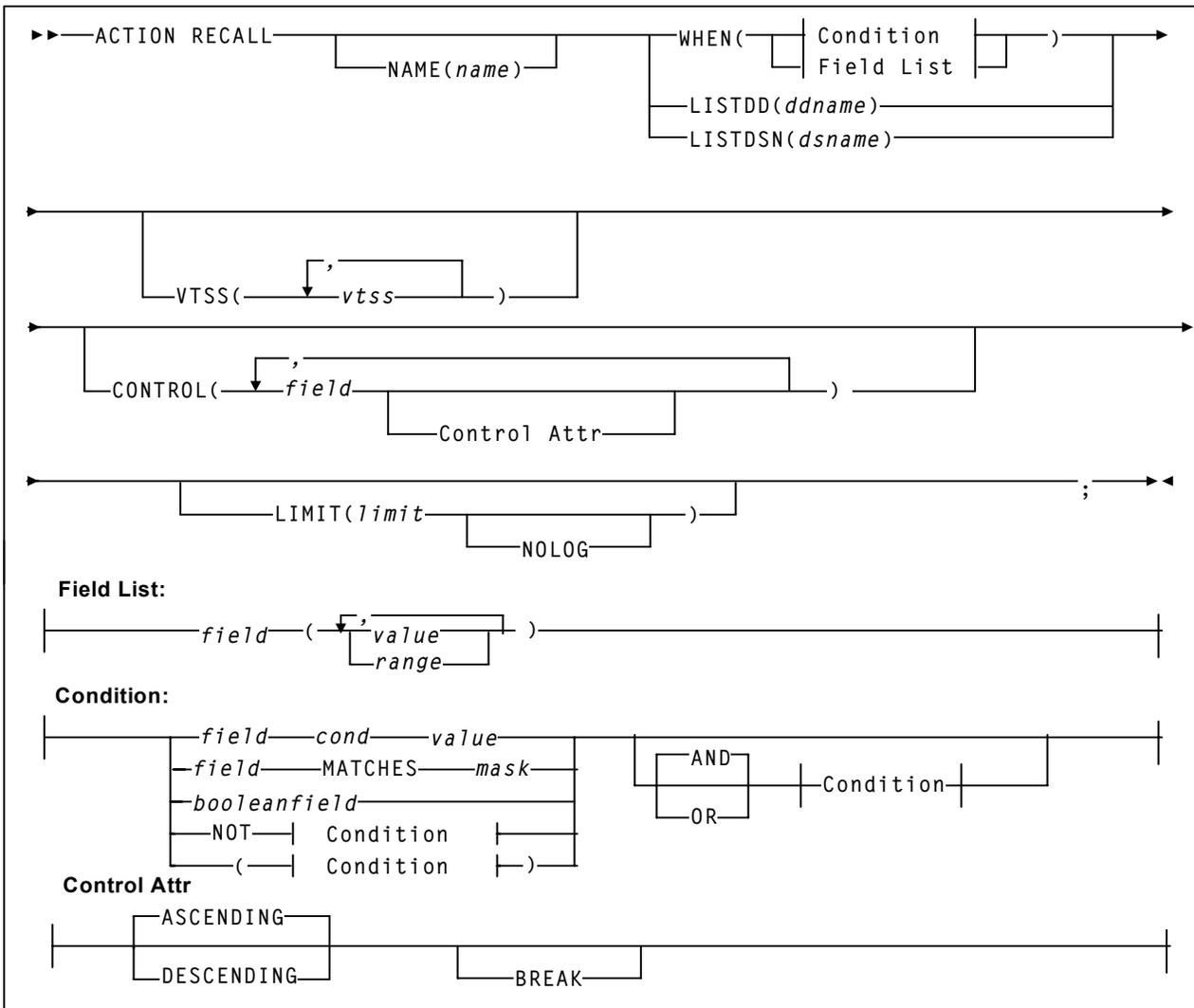
ACTION MIGRATE Statement



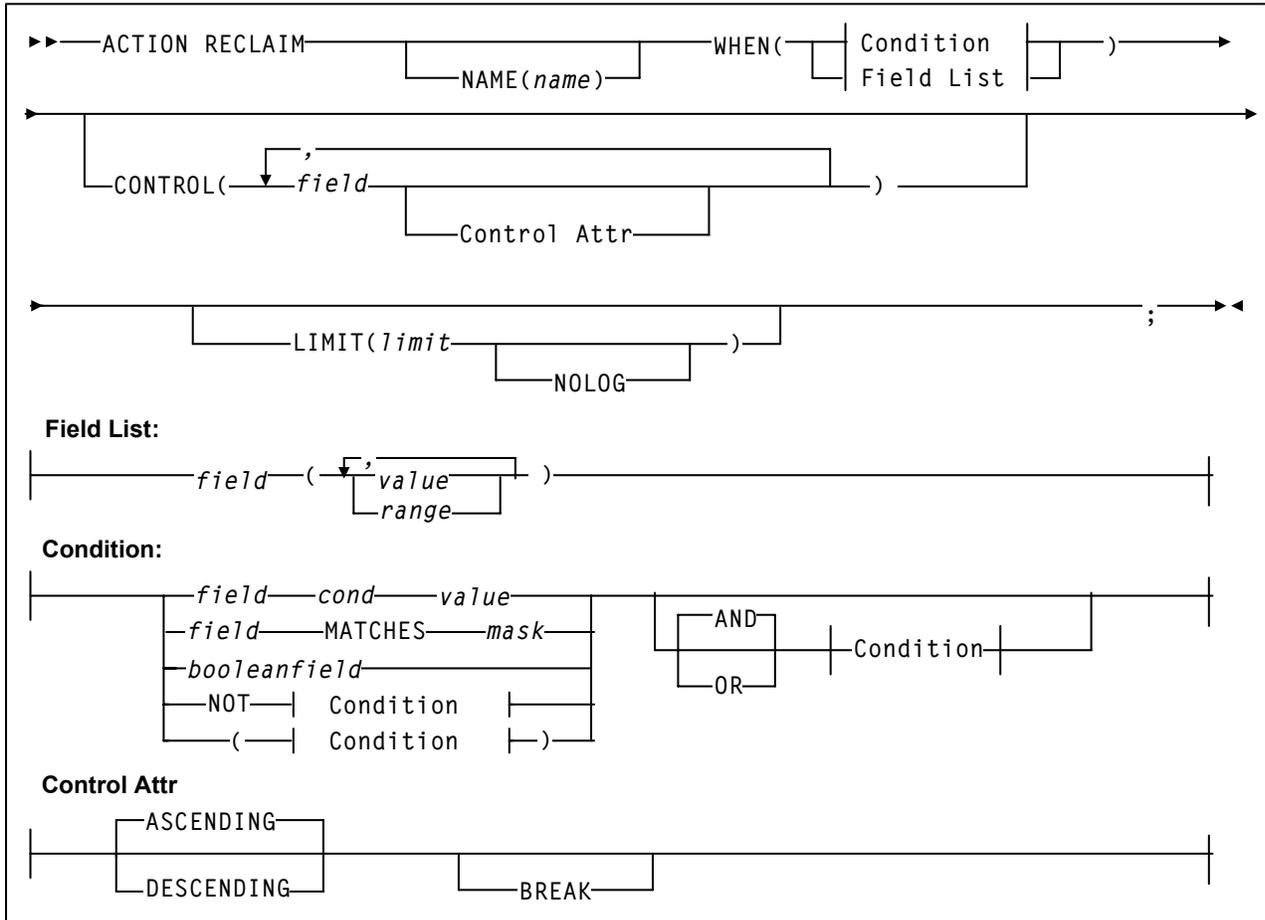
ACTION MOVE Statement



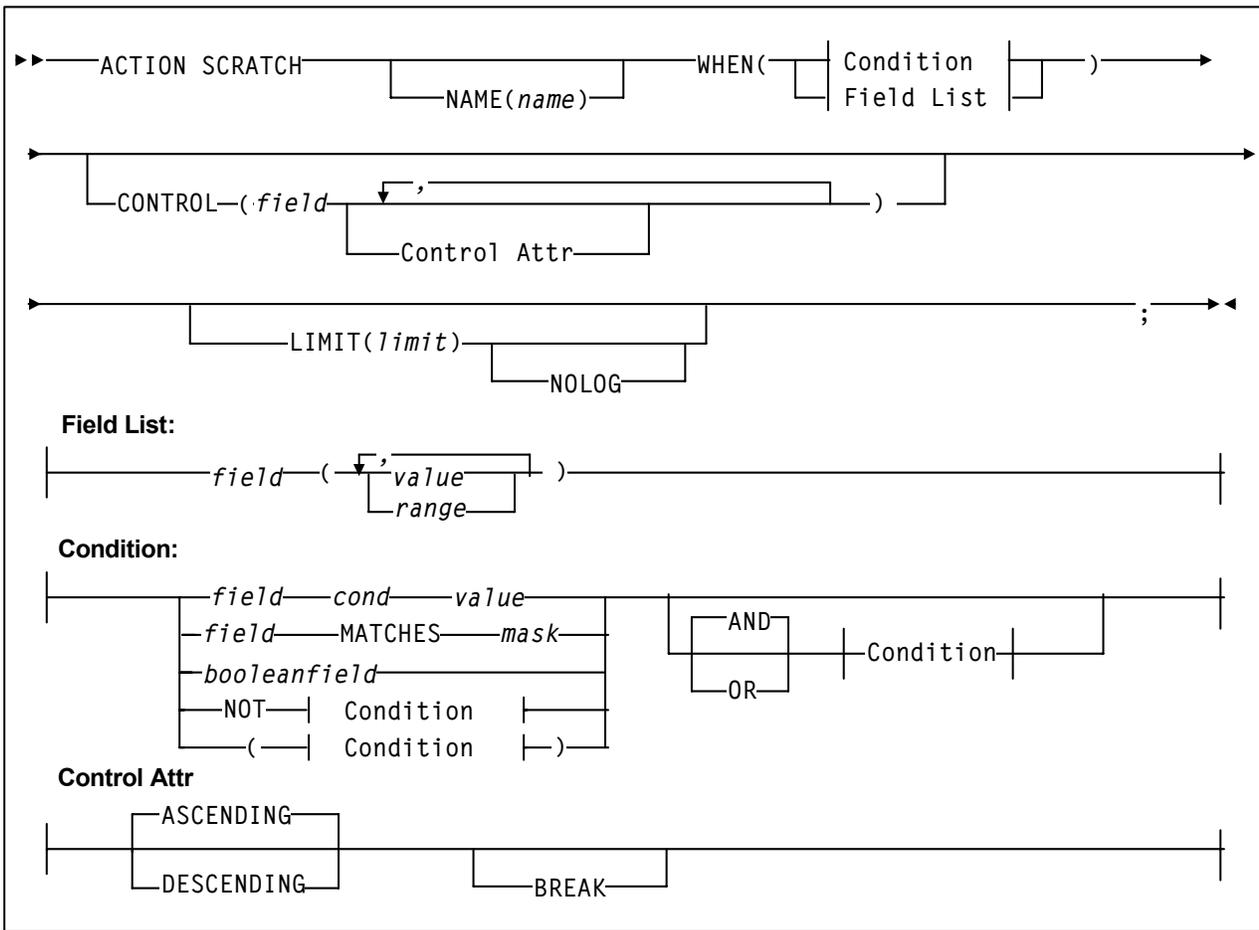
ACTION RECALL Statement



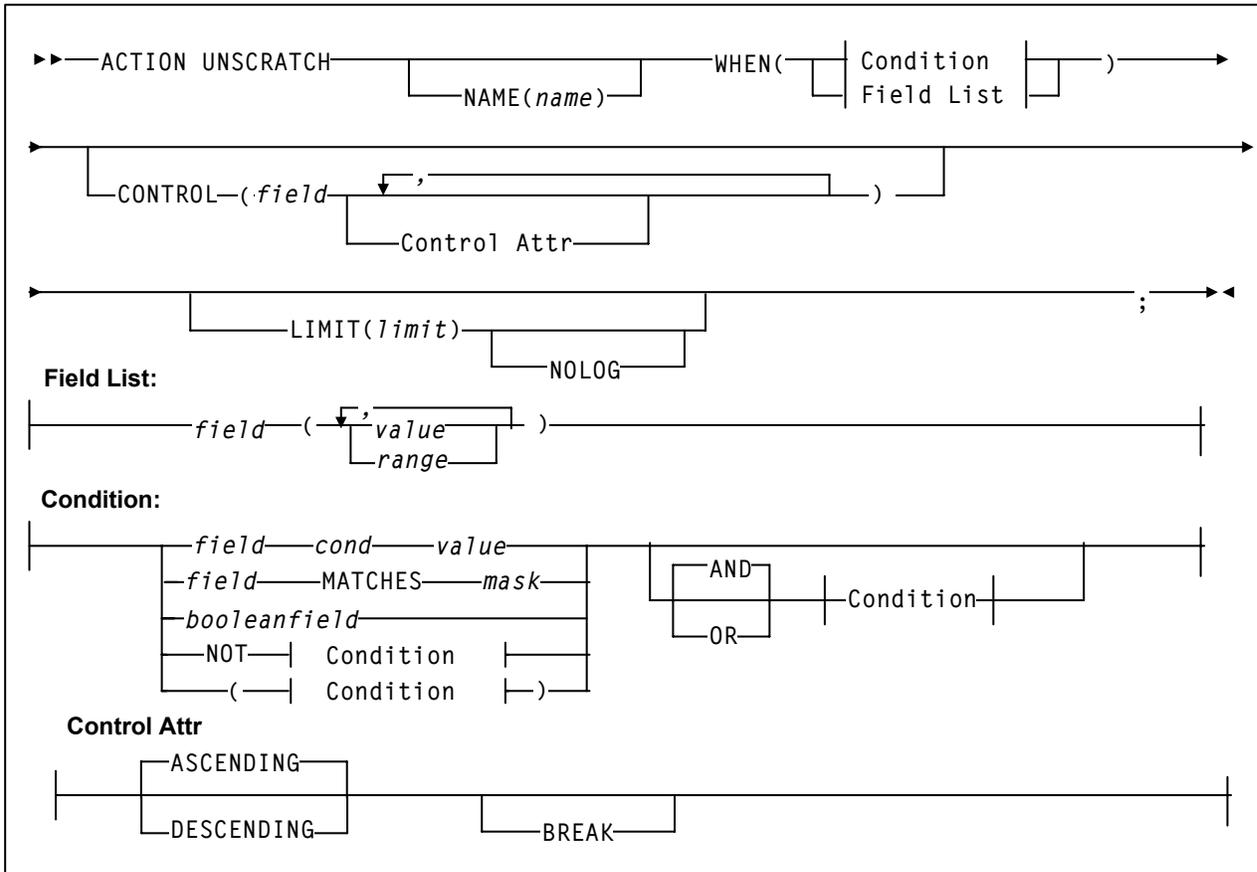
ACTION RECLAIM Statement



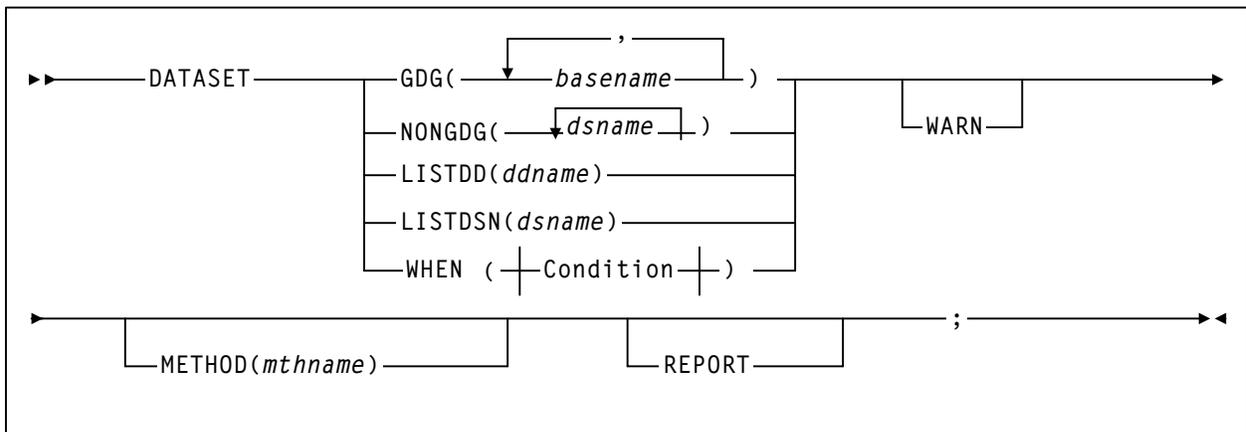
ACTION SCRATCH Statement



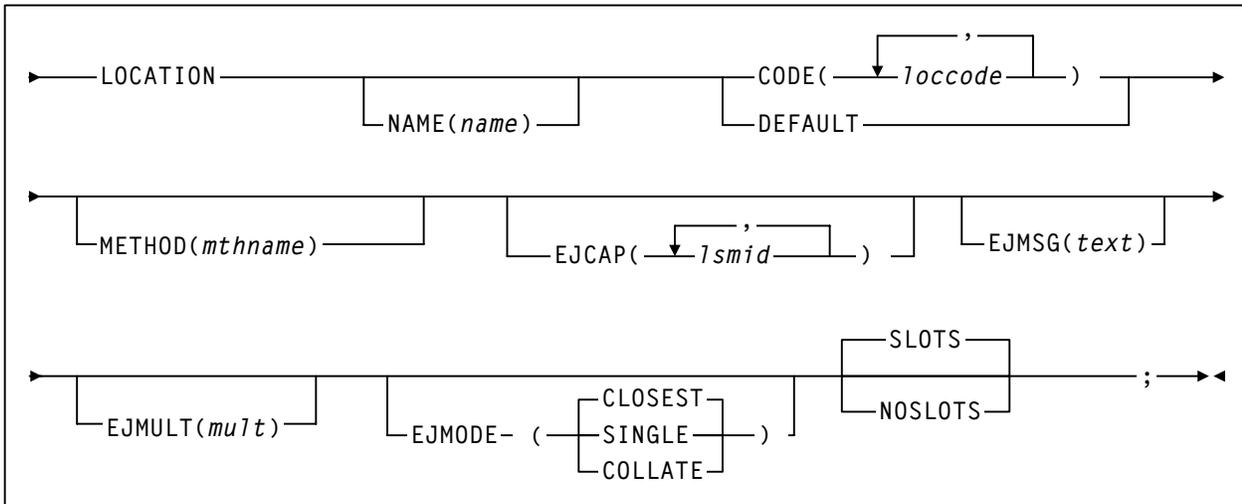
ACTION UNSCRATCH Statement



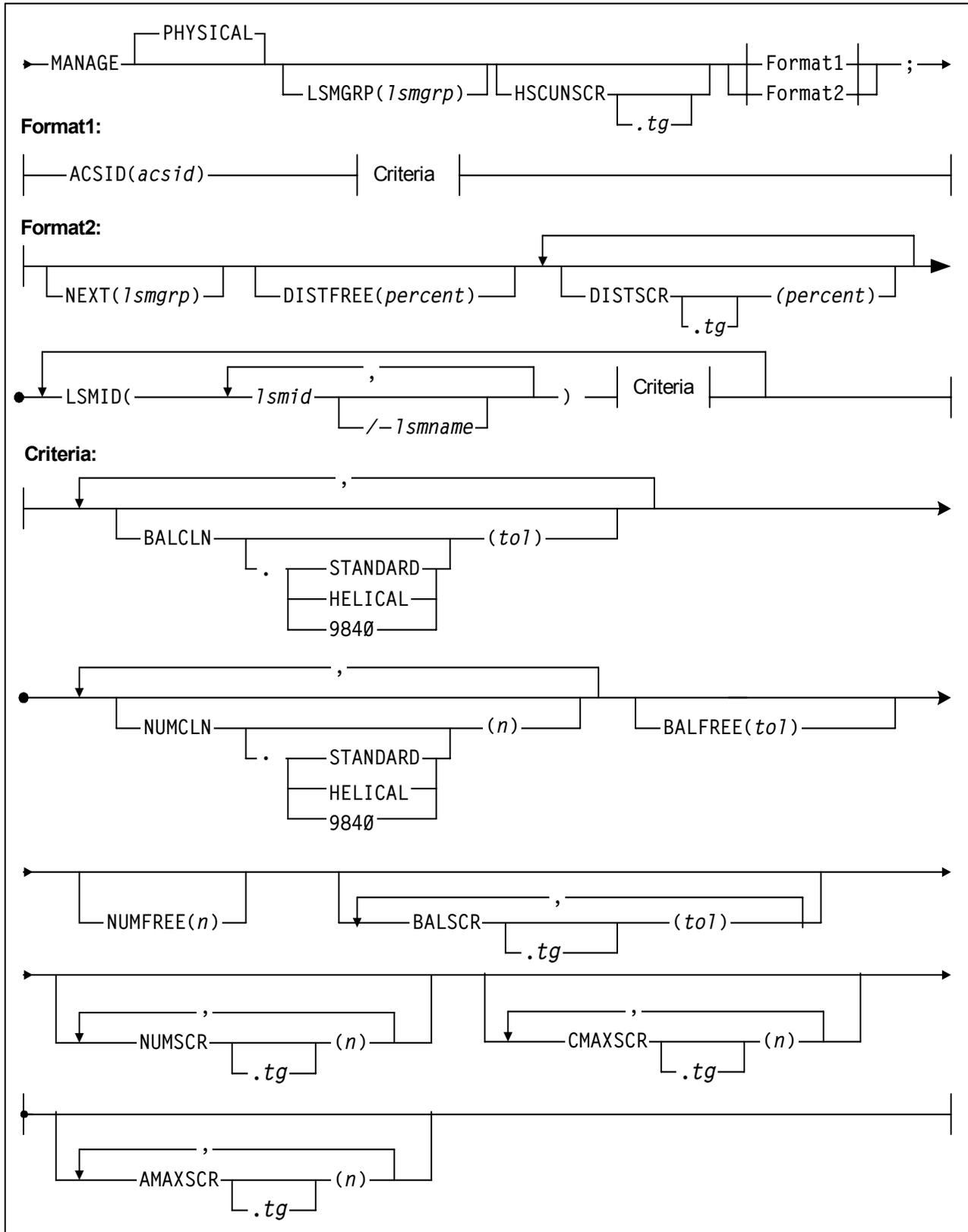
DATASET Statement



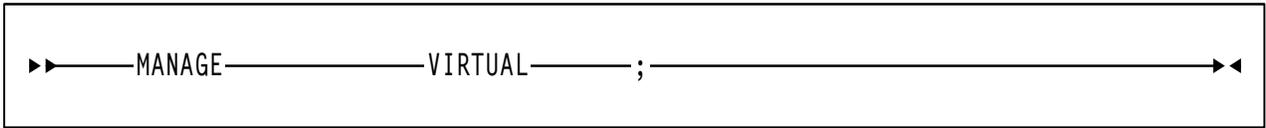
LOCATION Statement



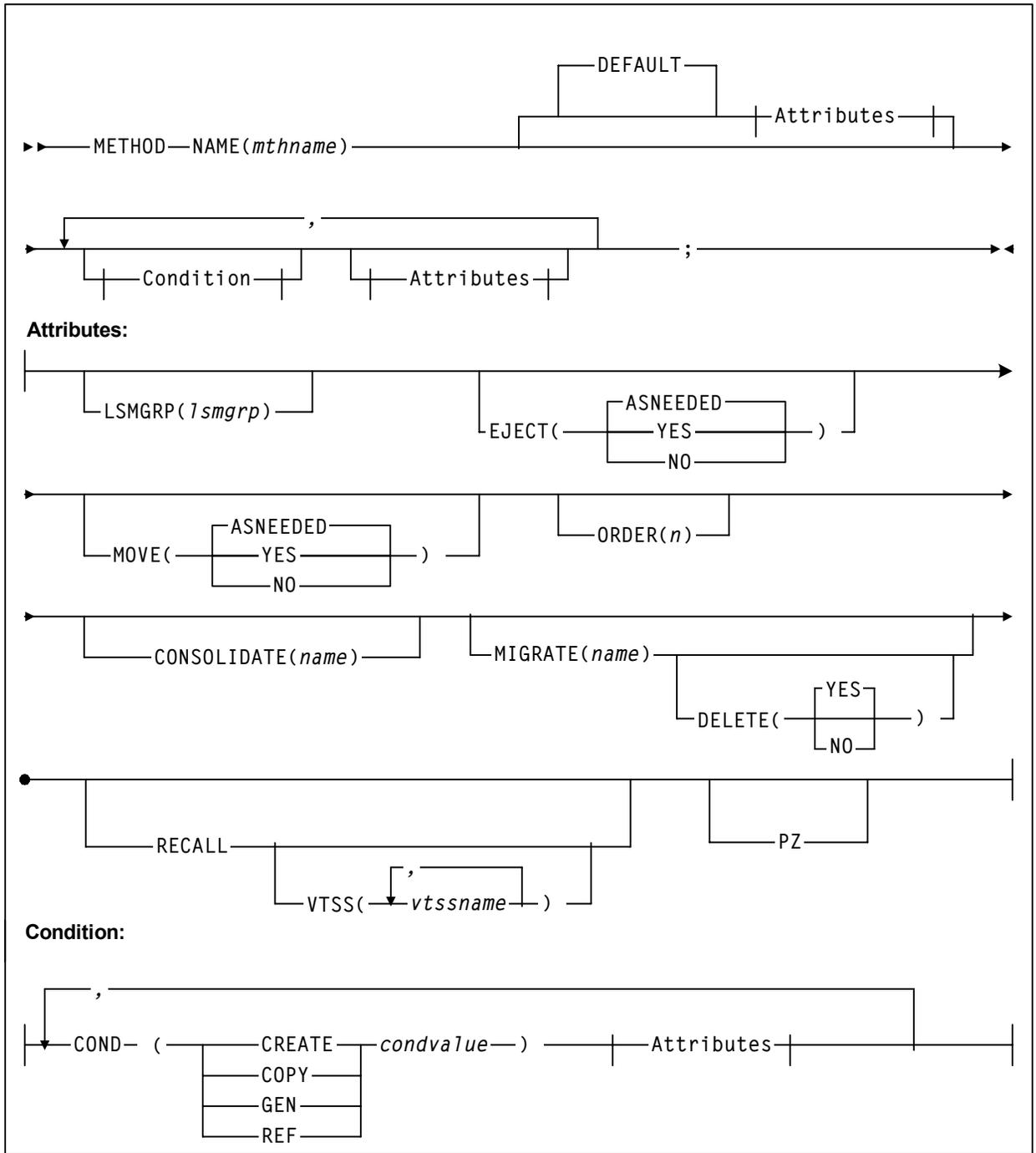
MANAGE PHYSICAL Statement



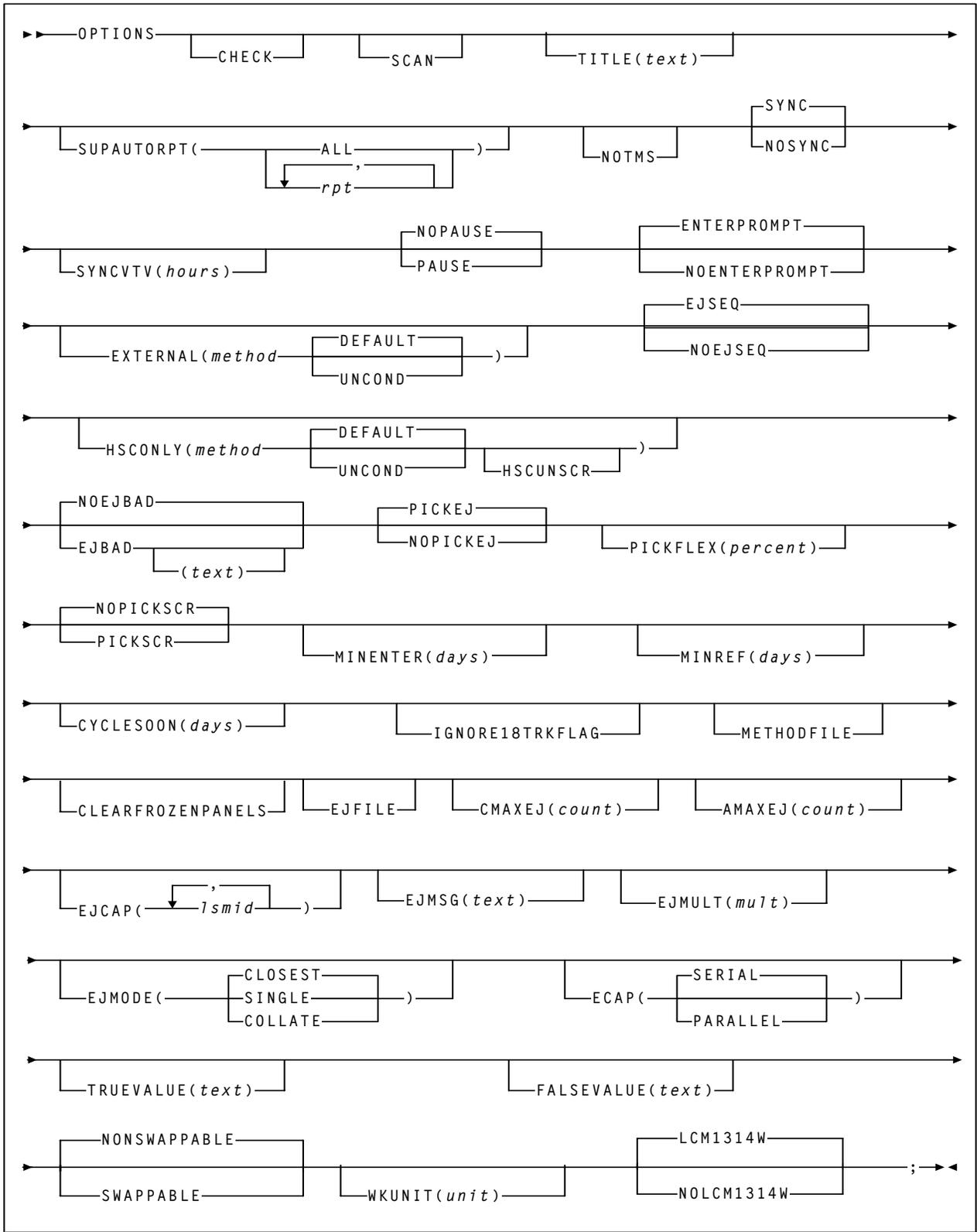
MANAGE VIRTUAL Statement



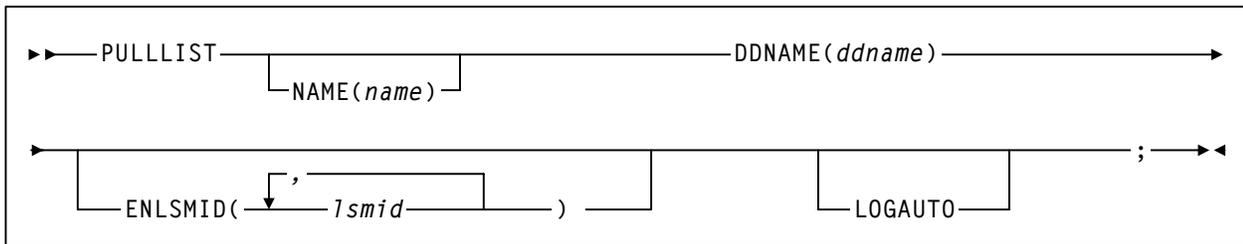
METHOD Statement



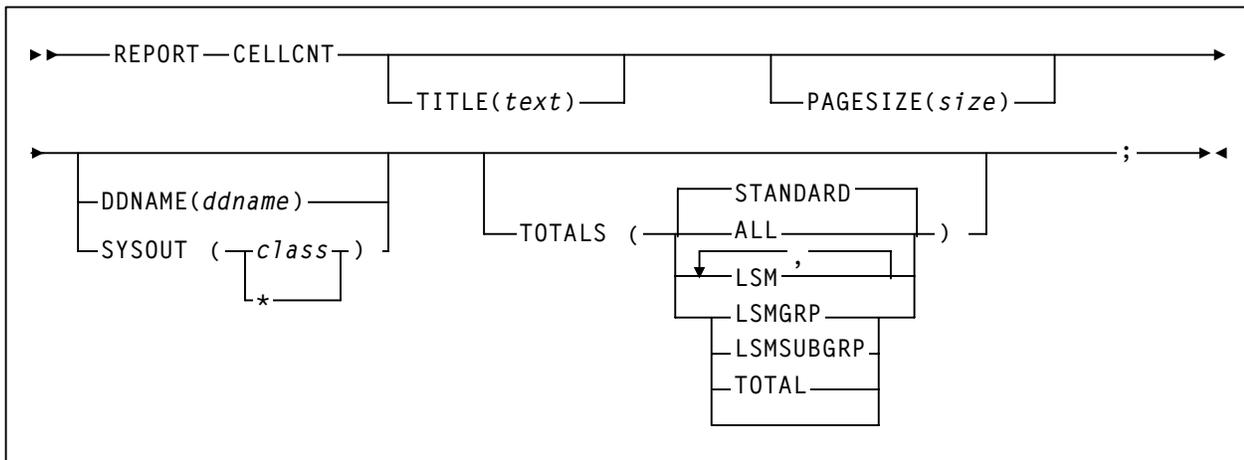
OPTIONS Statement



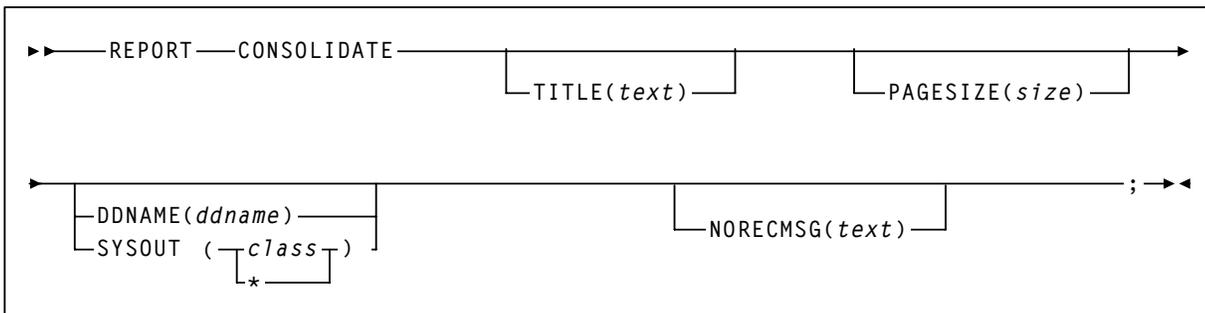
PULLLIST Statement



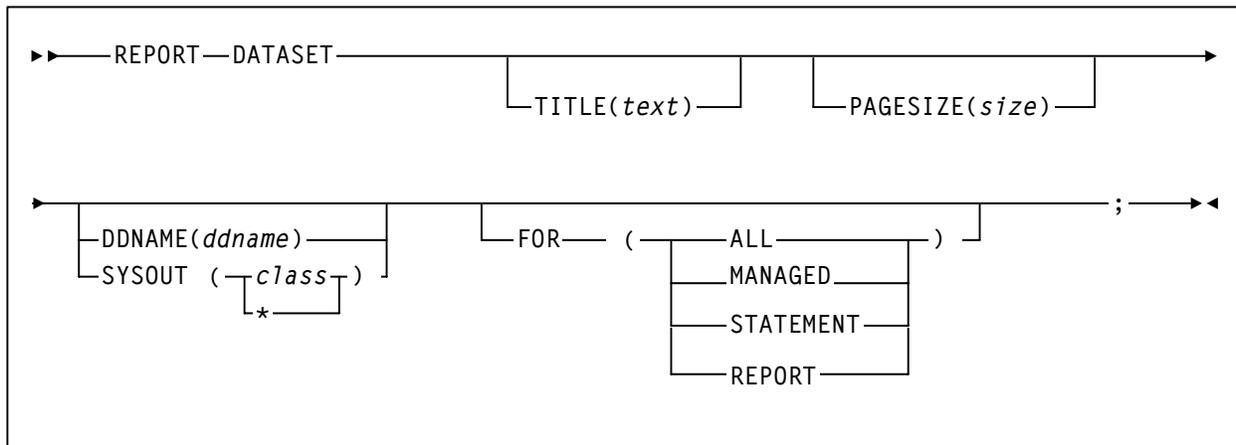
REPORT CELLCNT Statement



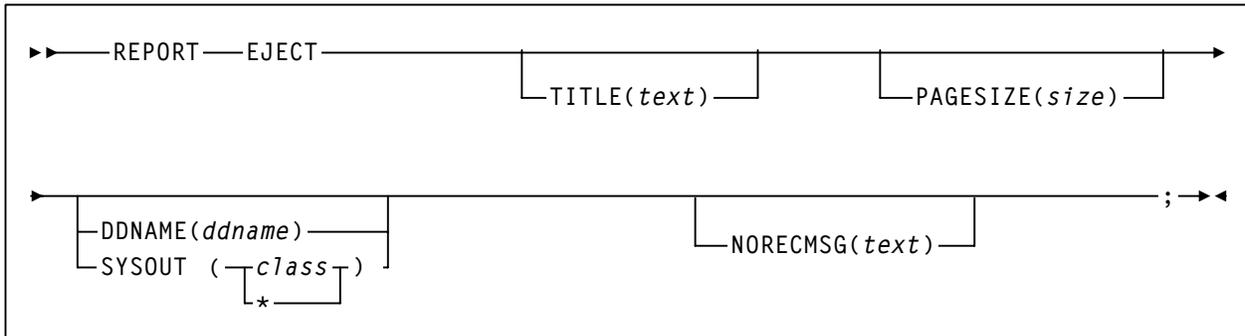
REPORT CONSOLIDATE Statement



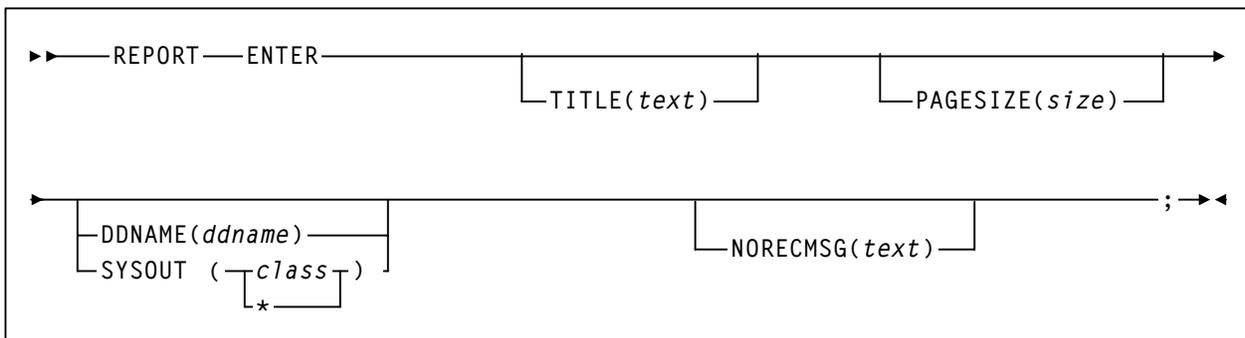
REPORT DATASET Statement



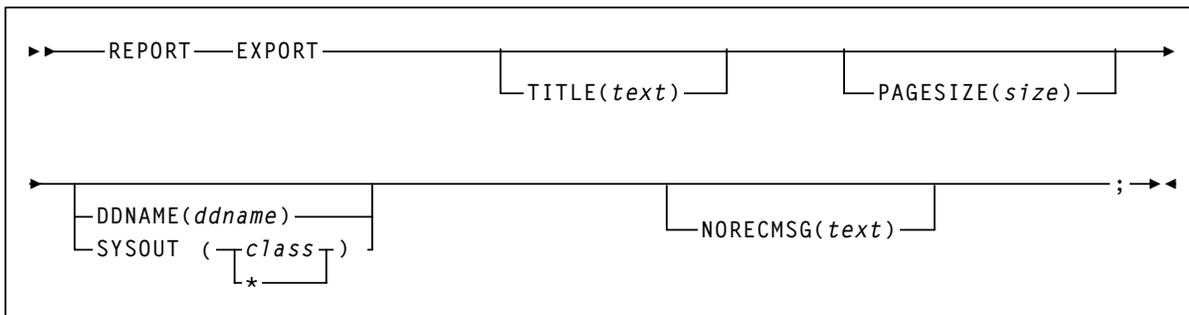
REPORT EJECT Statement



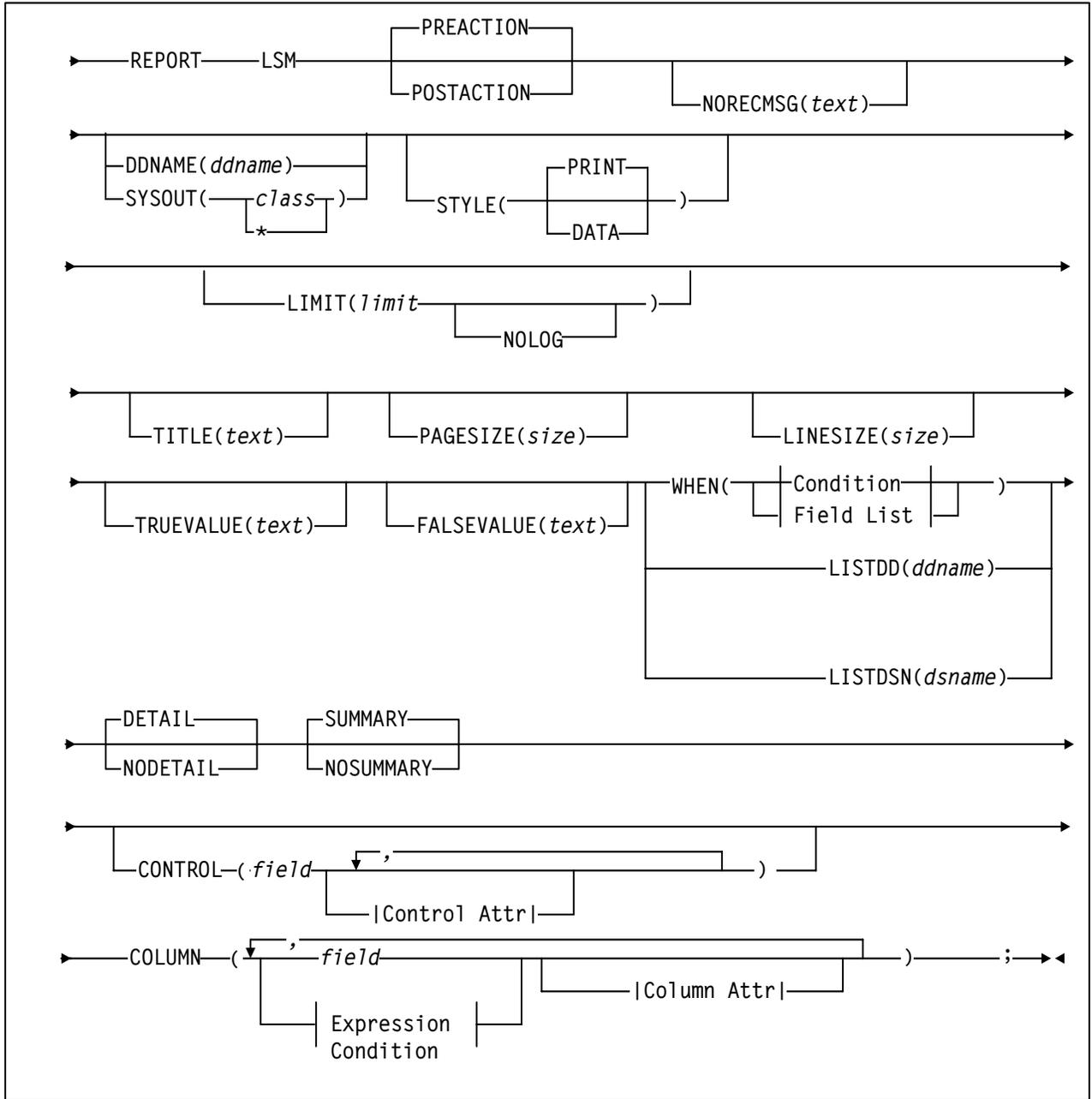
REPORT ENTER Statement



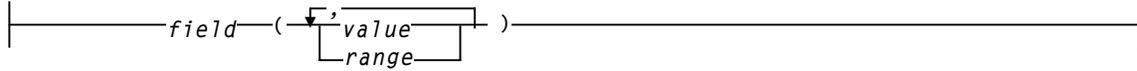
REPORT EXPORT Statement



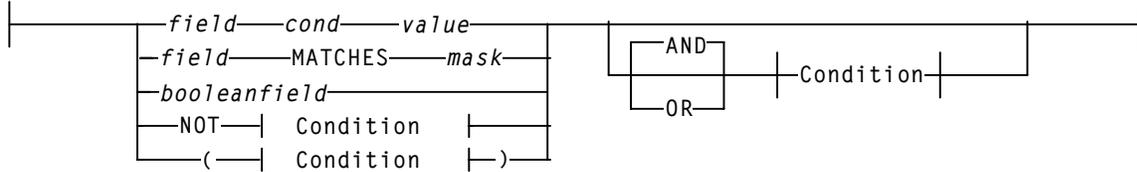
REPORT LSM Statement



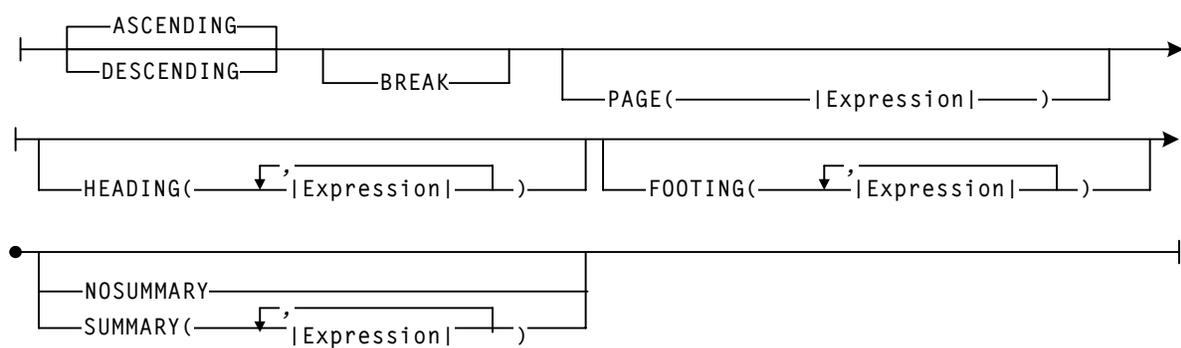
Field List:



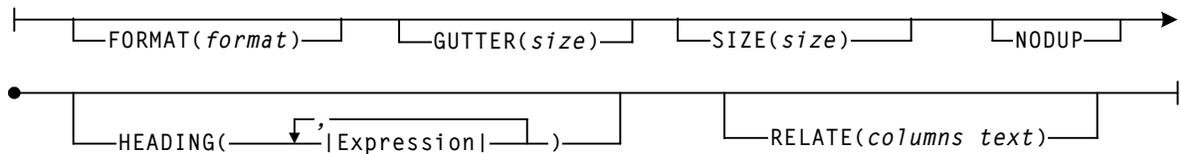
Condition:



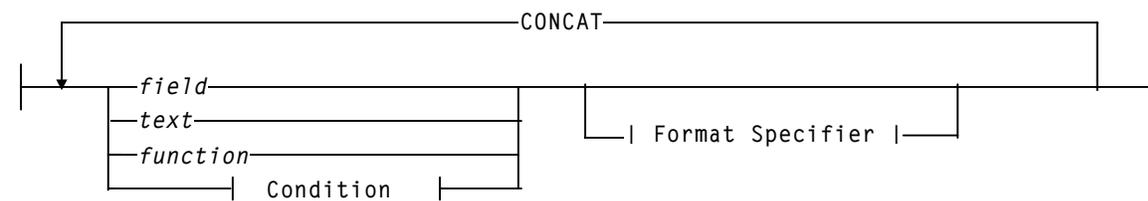
Control Attr:



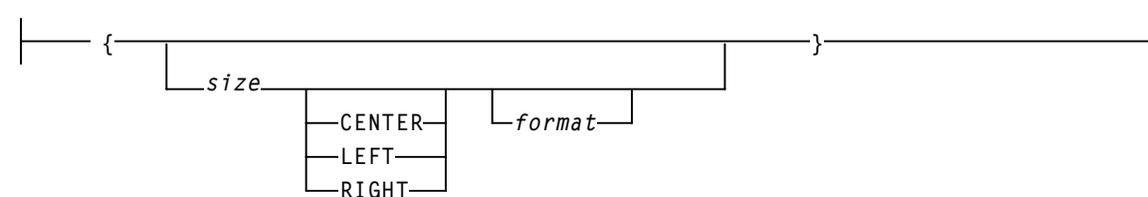
Column Attr:



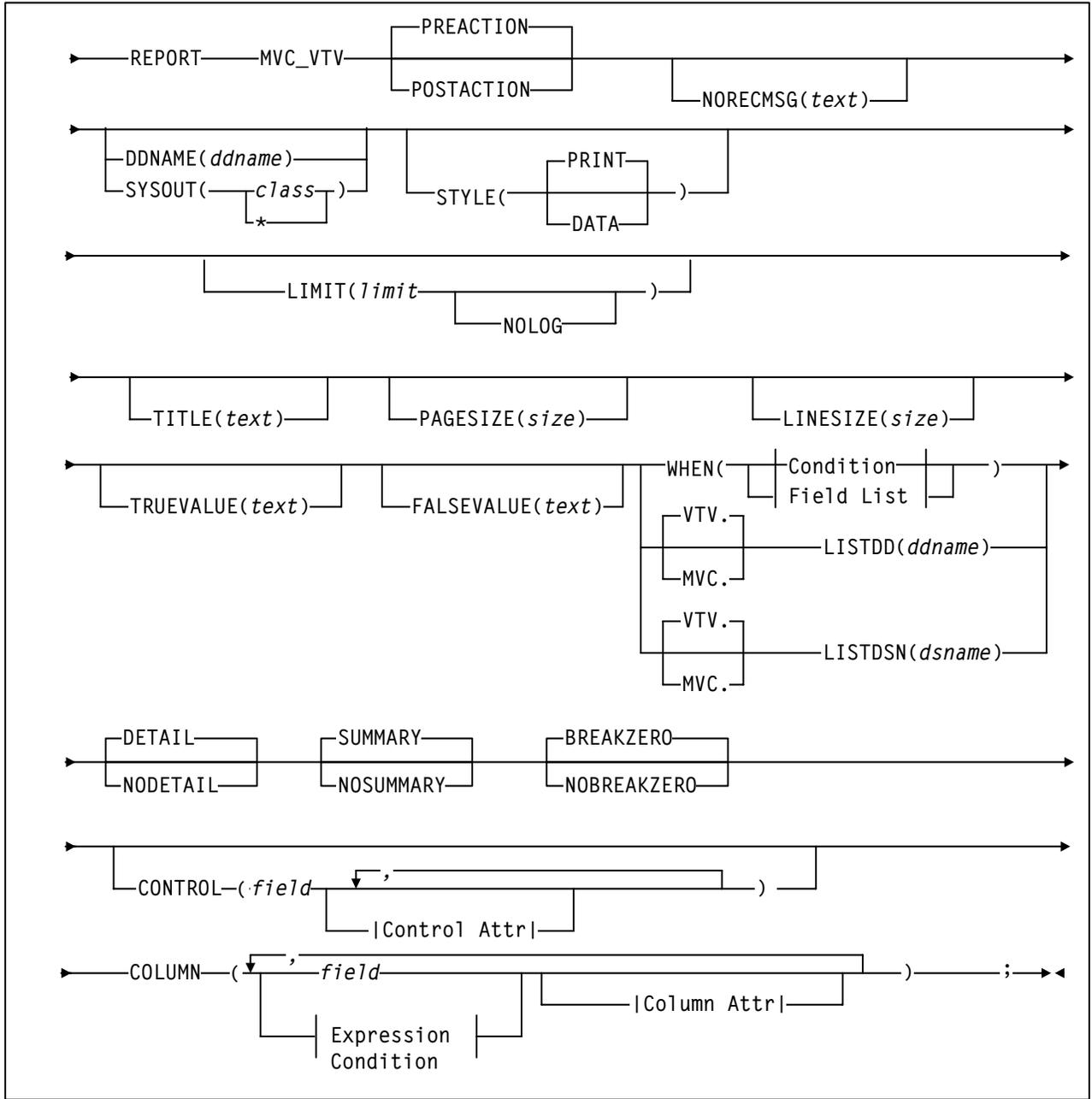
Expression:



Format Specifier:



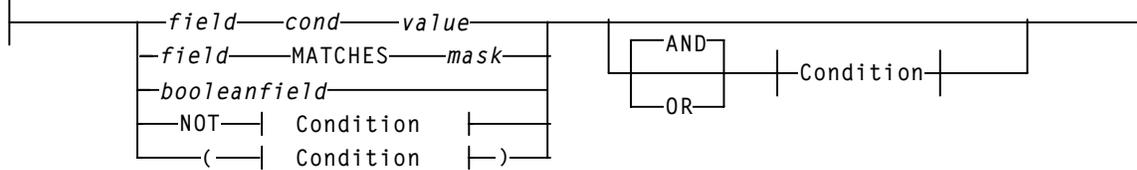
REPORT MVC_VTV



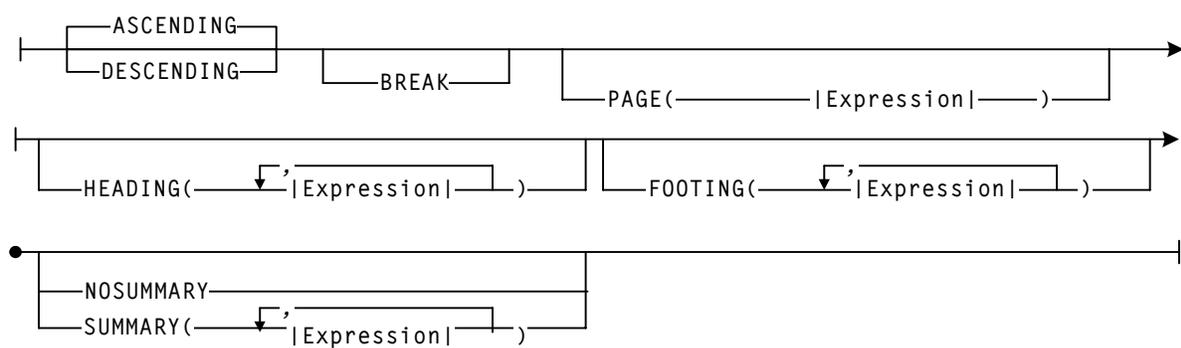
Field List:



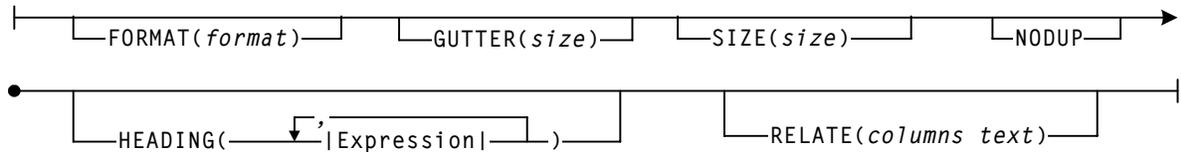
Condition:



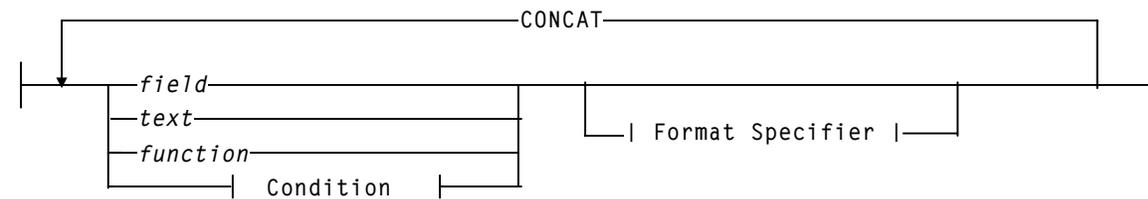
Control Attr:



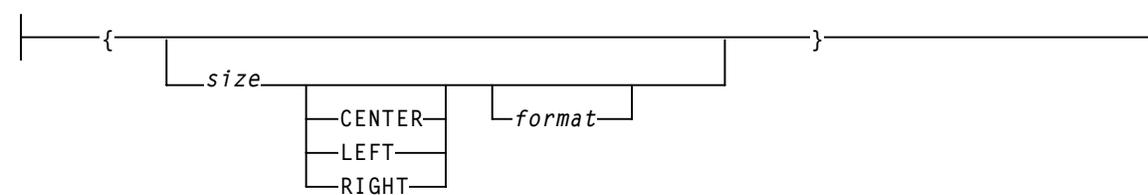
Column Attr:



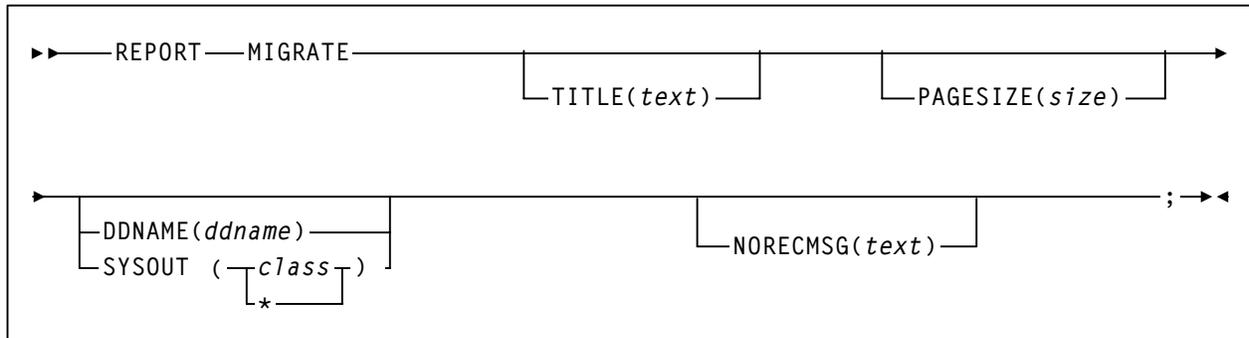
Expression:



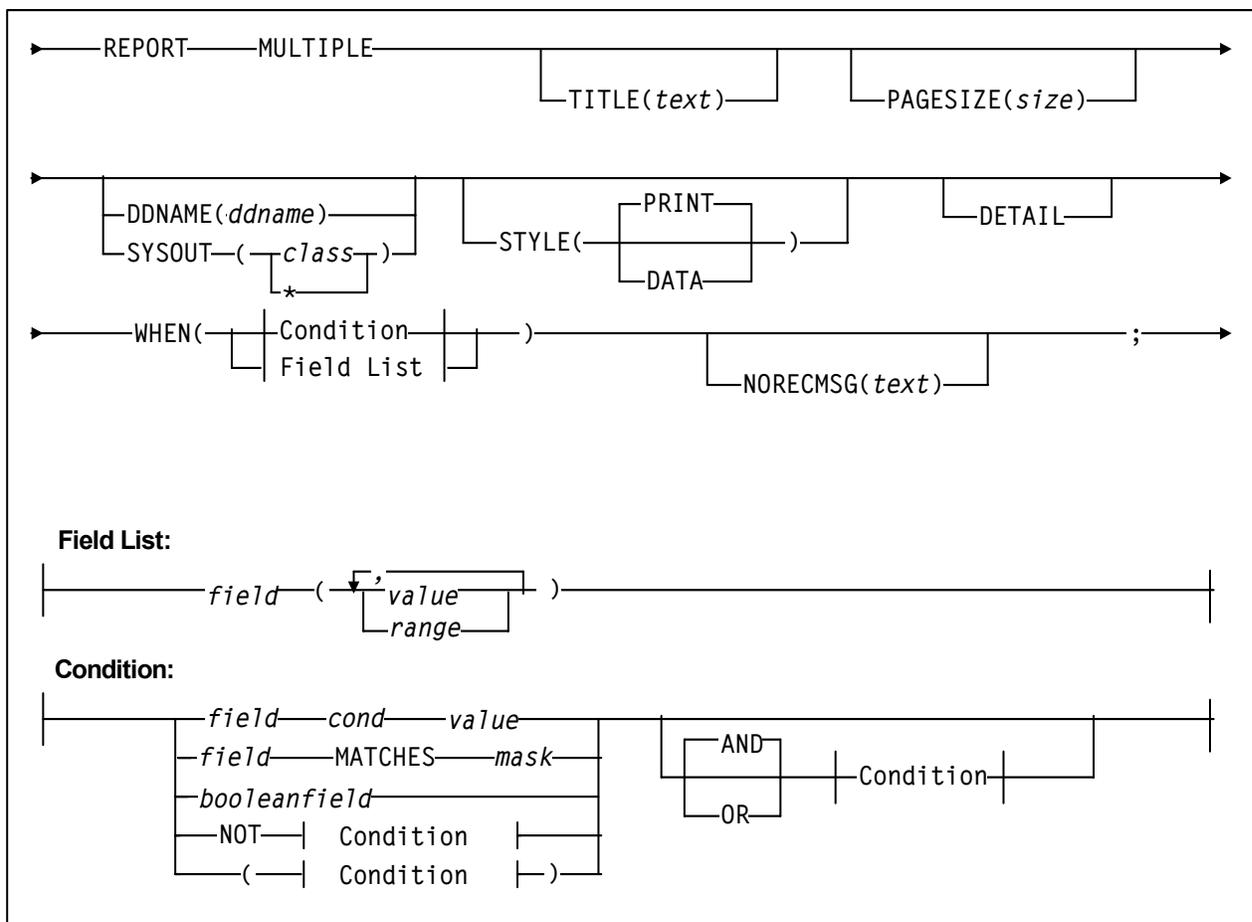
Format Specifier:



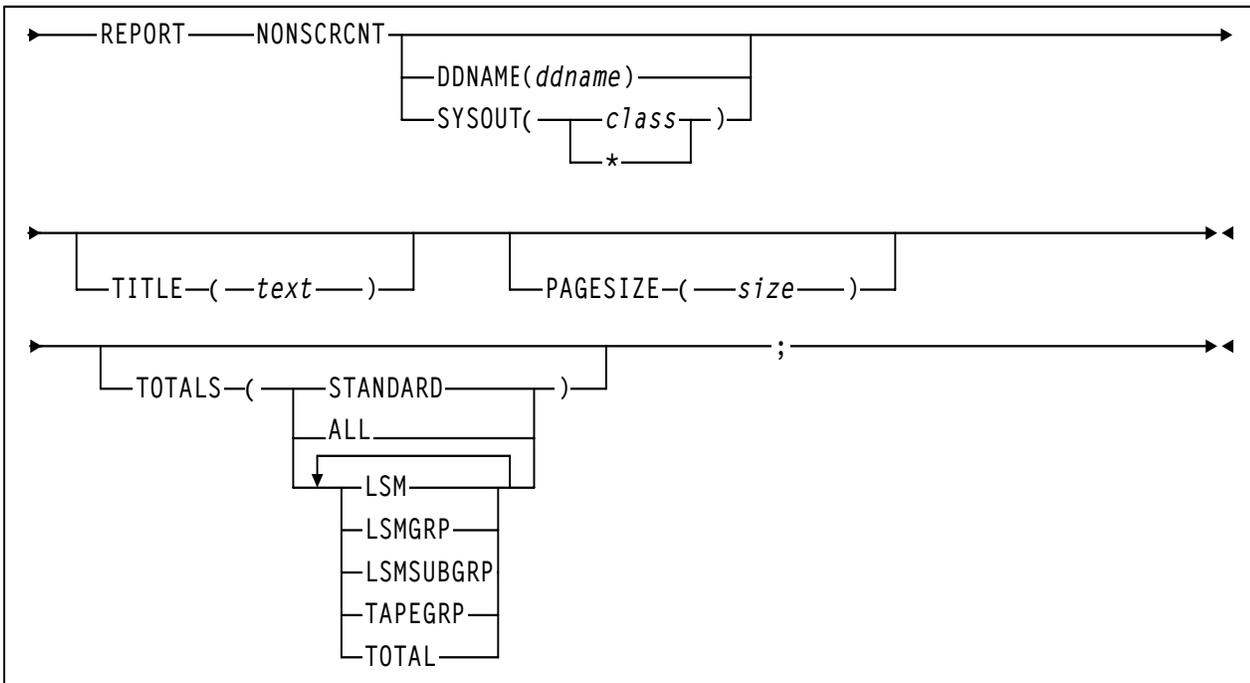
REPORT MIGRATE Statement



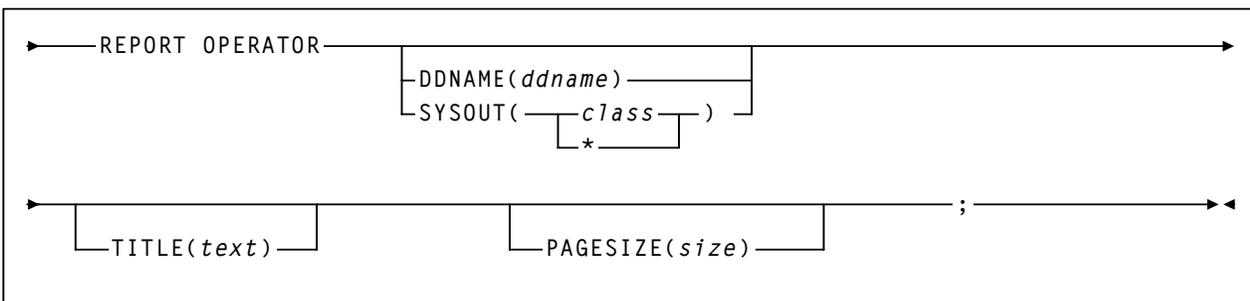
REPORT MULTIPLE Statement



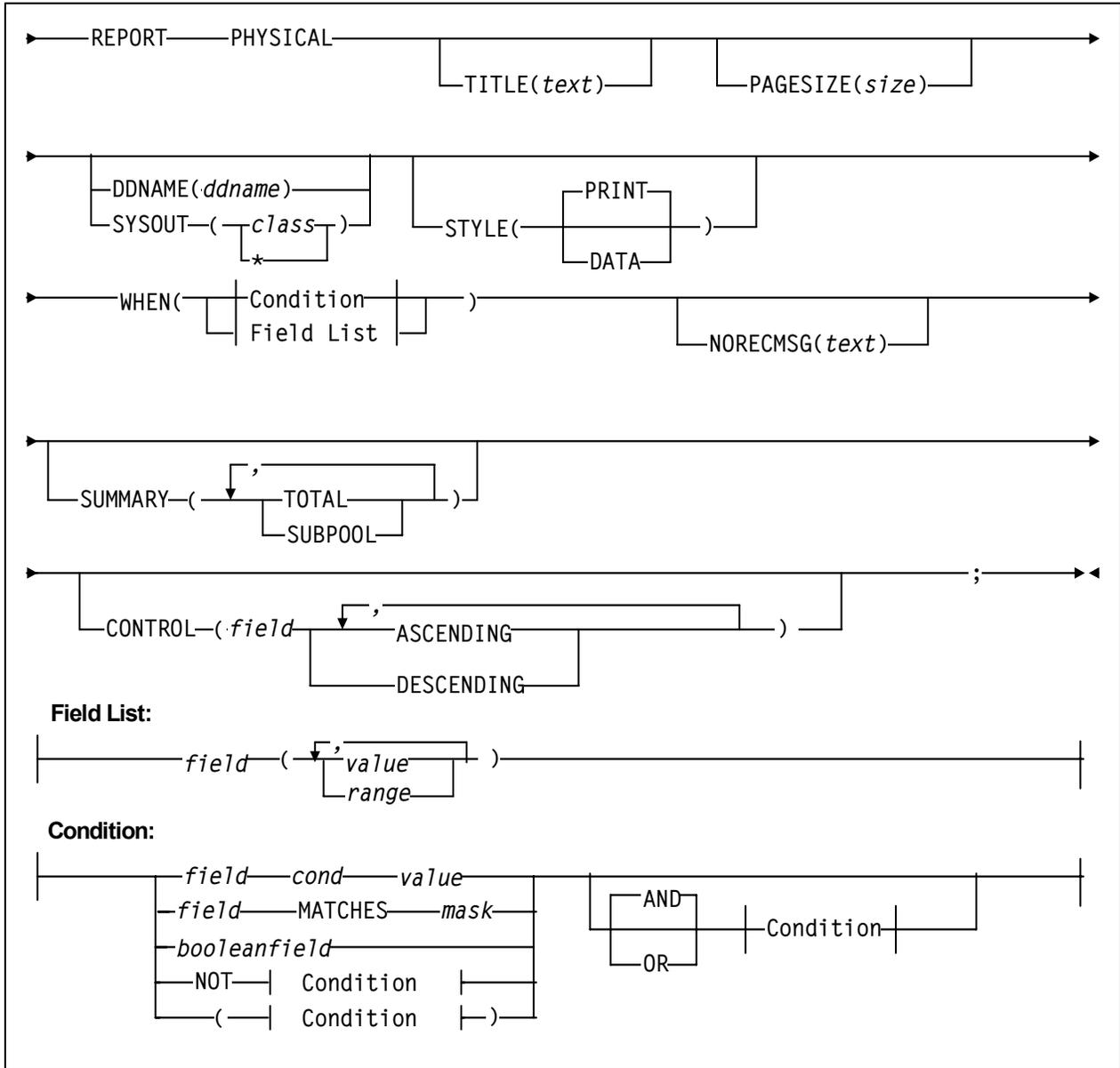
REPORT NONSCRCNT Statement



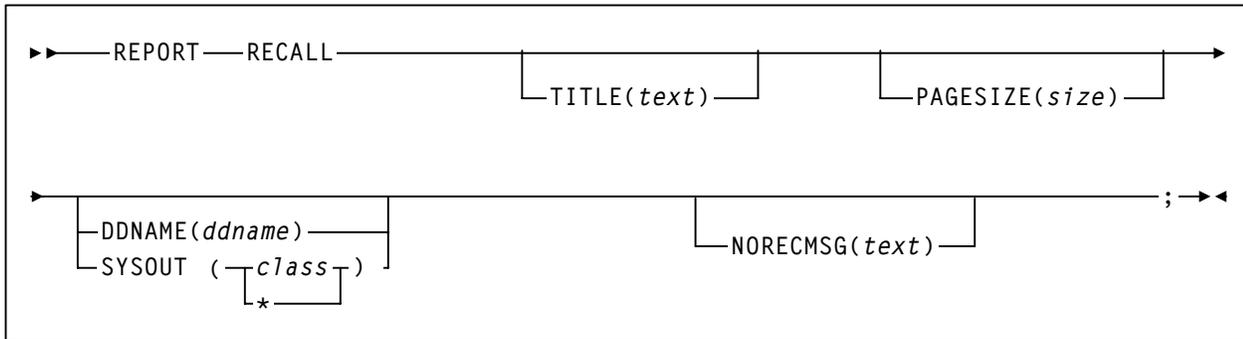
REPORT OPERATOR Statement



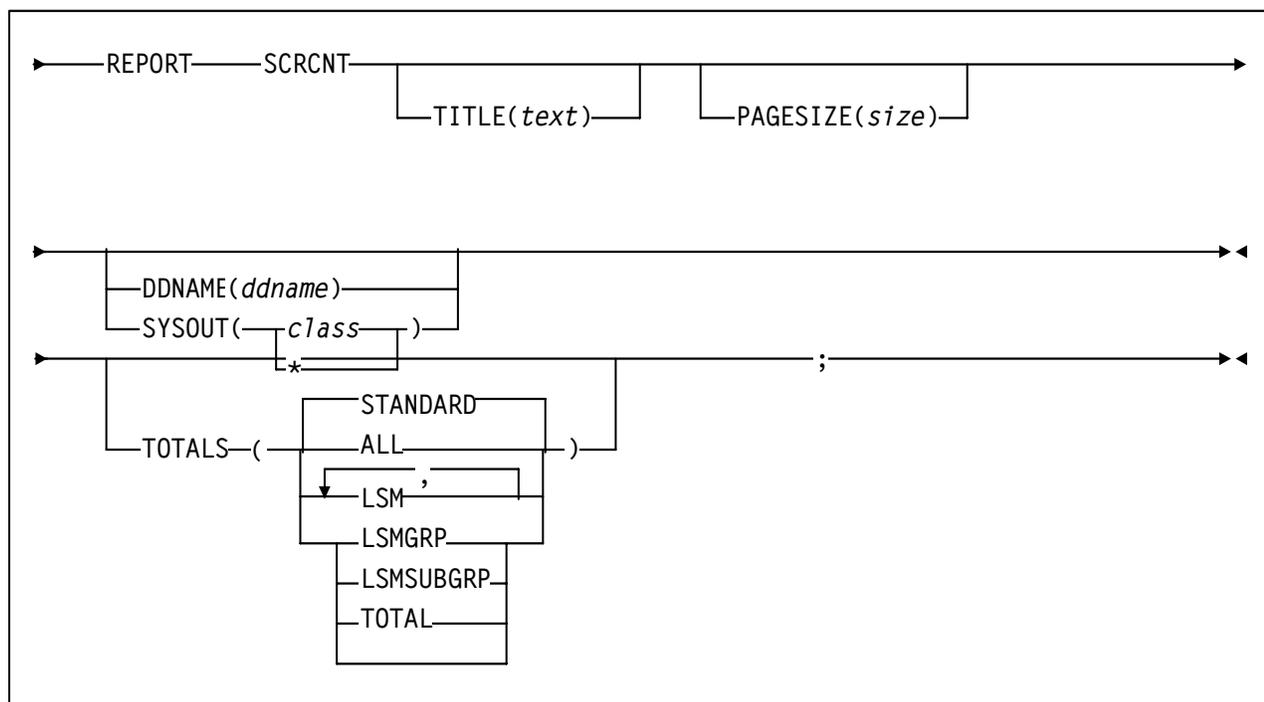
REPORT PHYSICAL Statement



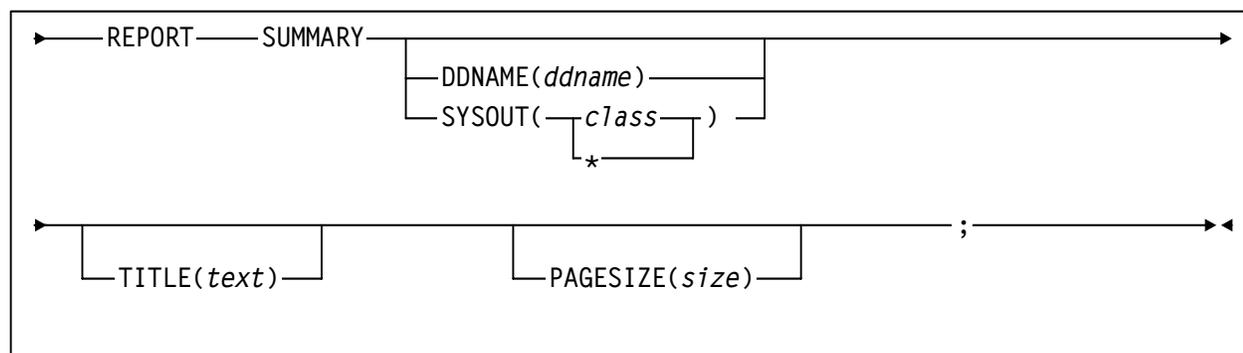
REPORT RECALL Statement



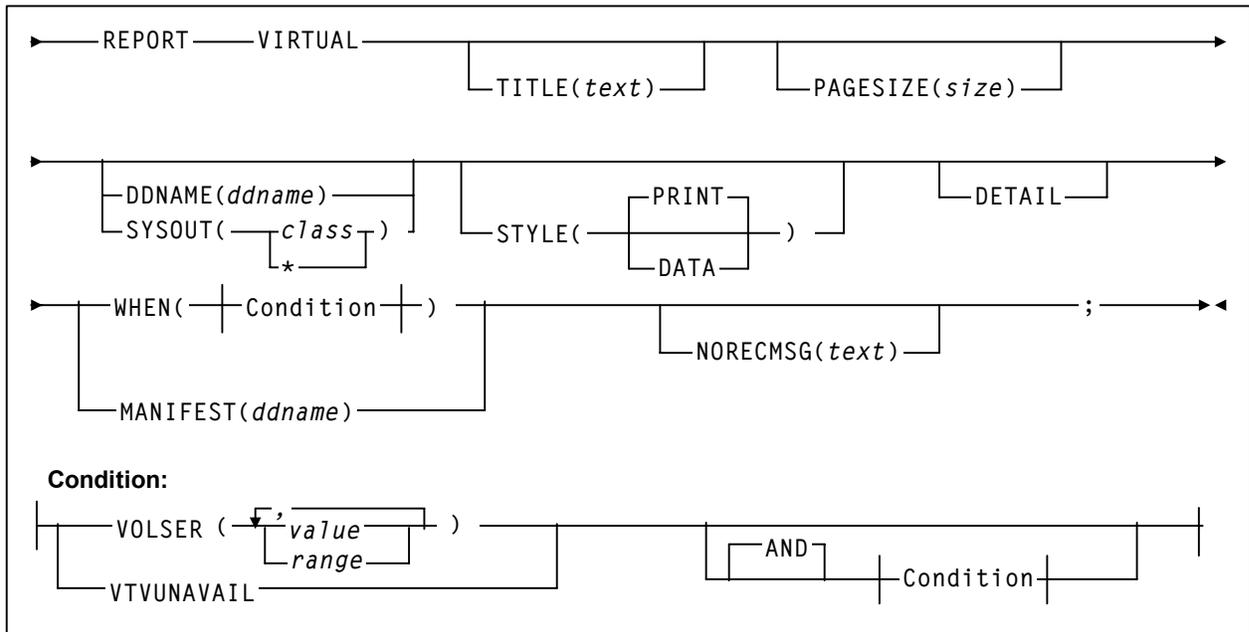
REPORT SCRCNT Statement



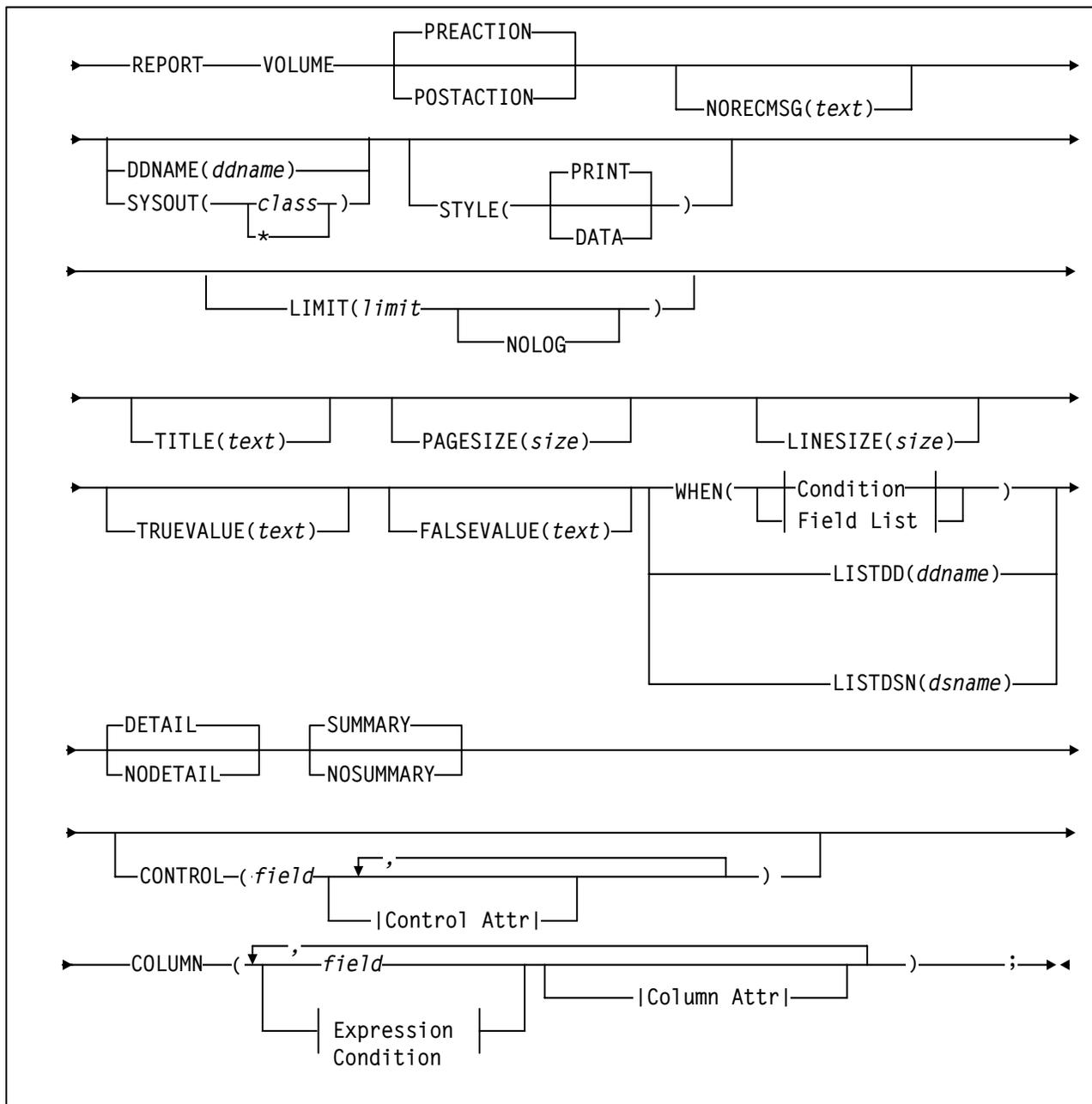
REPORT SUMMARY Statement



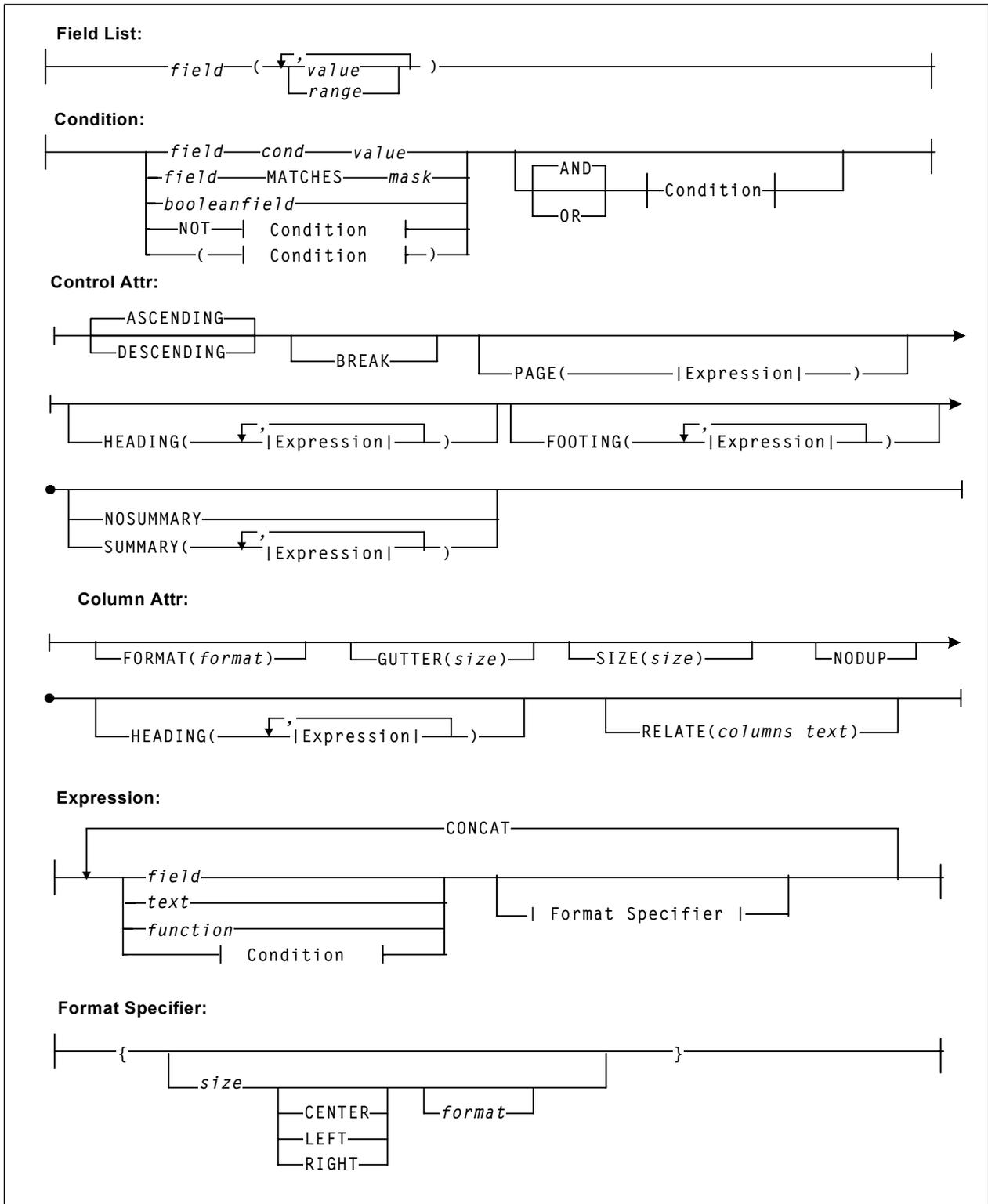
REPORT VIRTUAL Statement



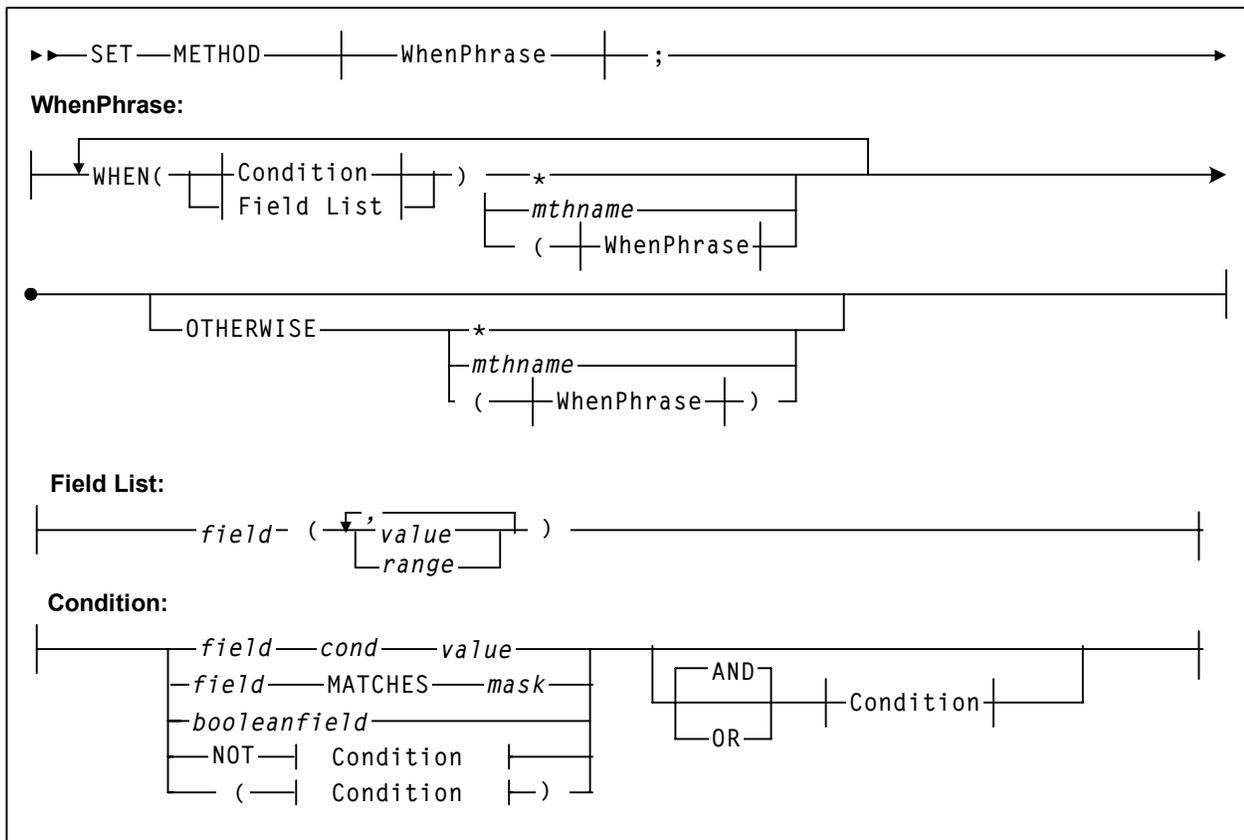
REPORT VOLUME Statement



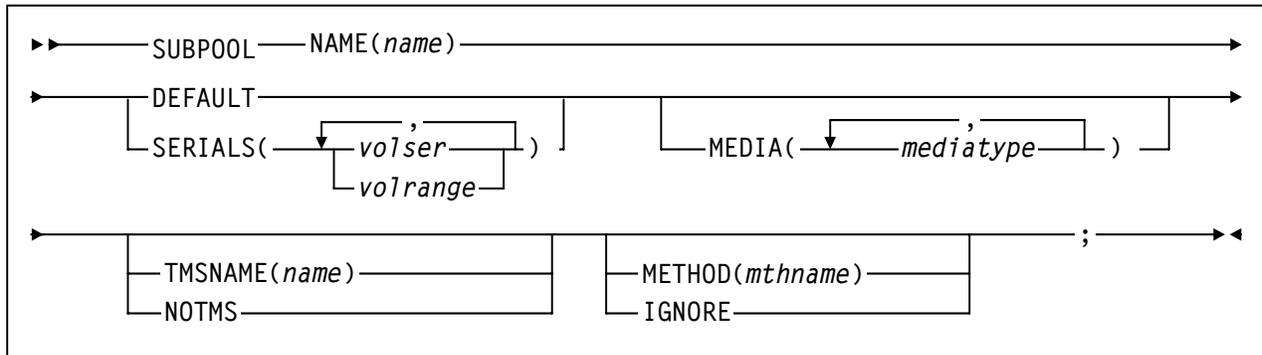
REPORT VOLUME Statement Continued



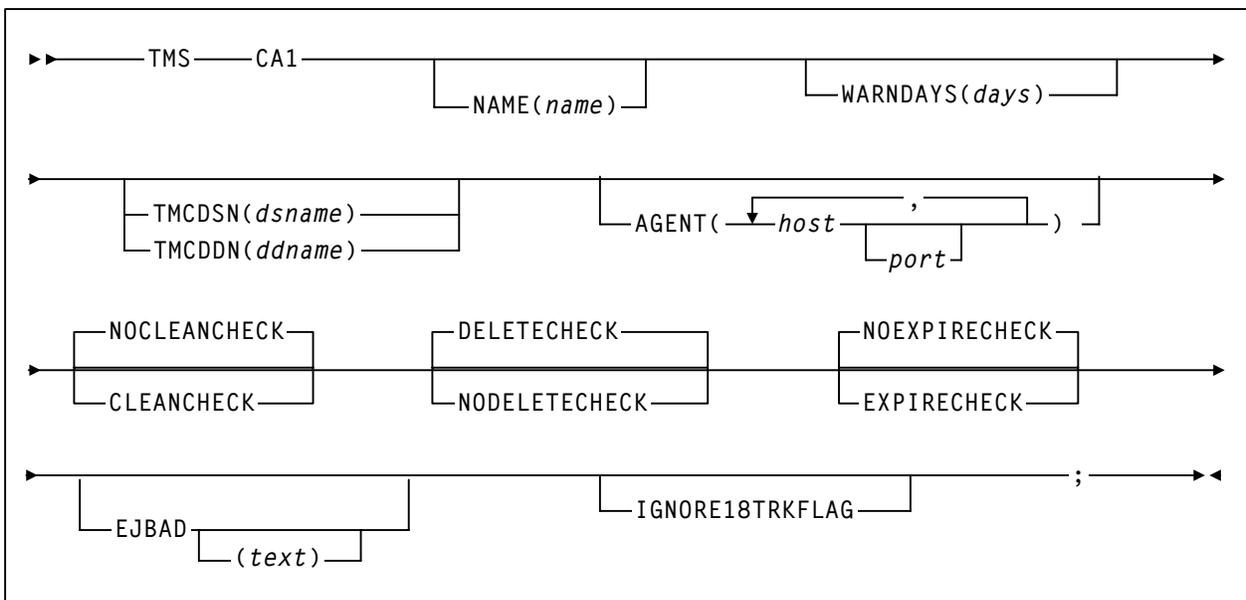
SET METHOD



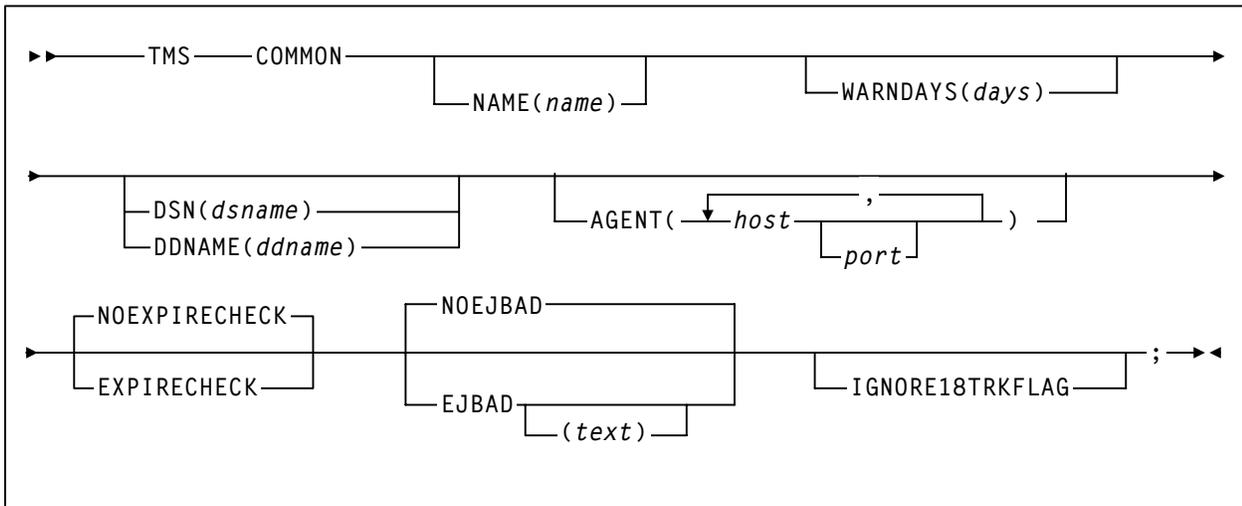
SUBPOOL Statement



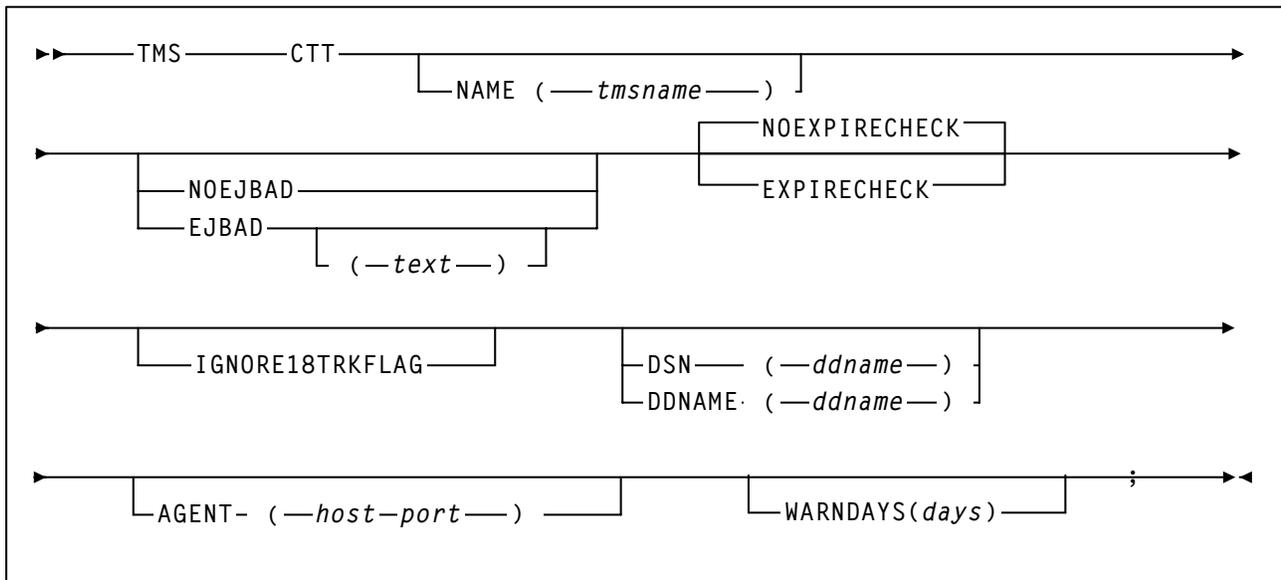
TMS CA1 Statement



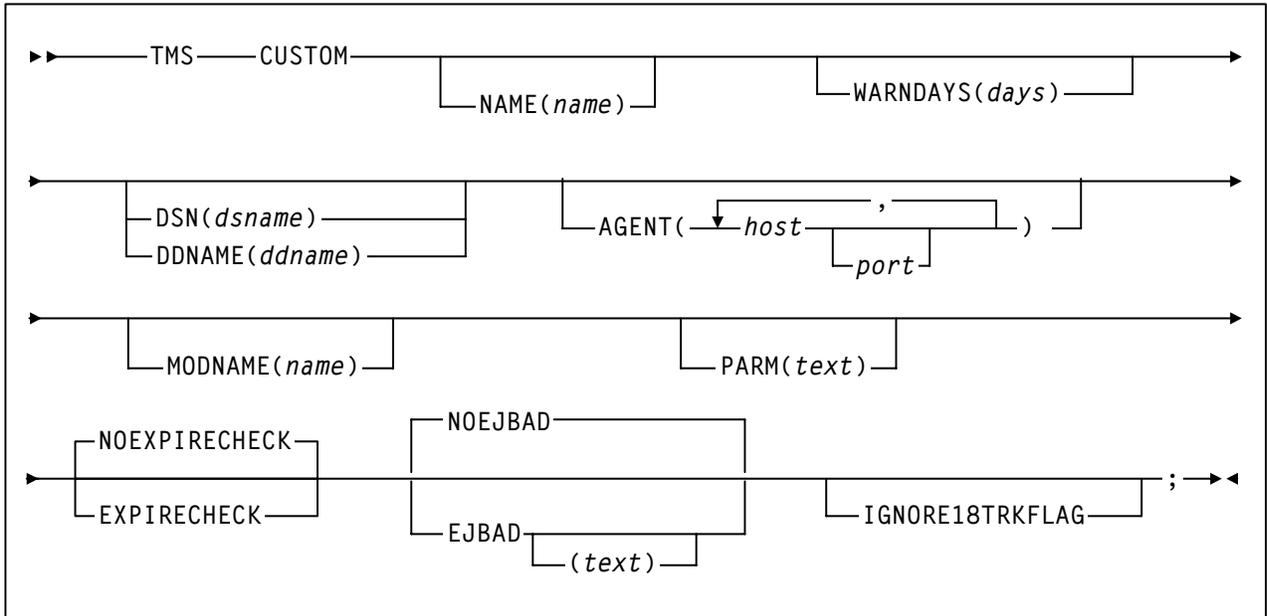
TMS COMMON Statement



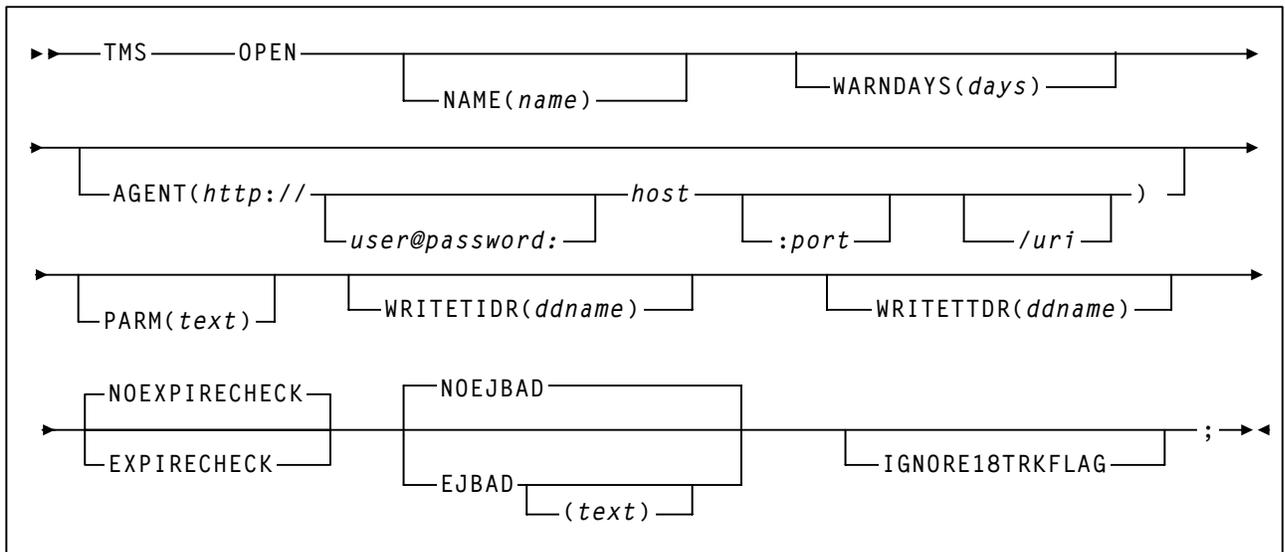
TMS CTT Statement



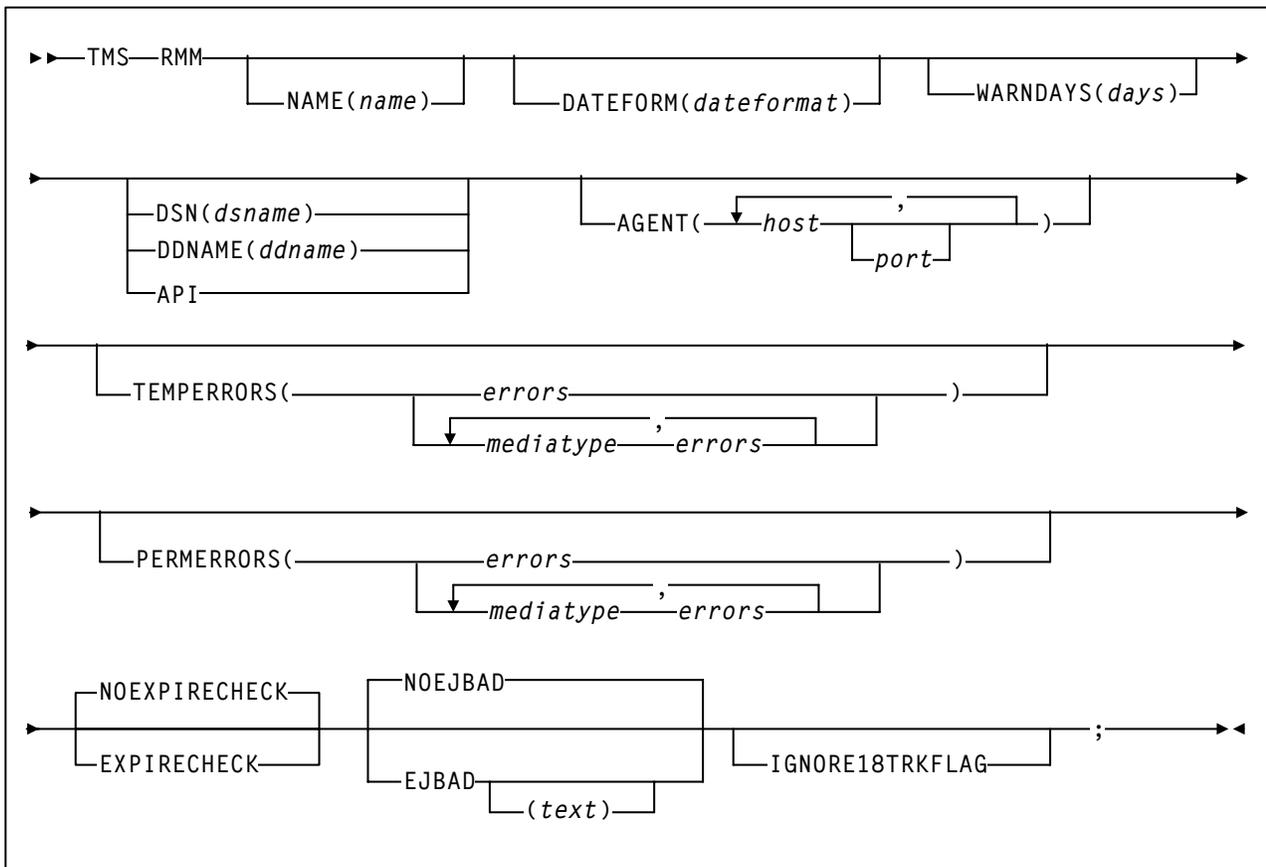
TMS CUSTOM Statement



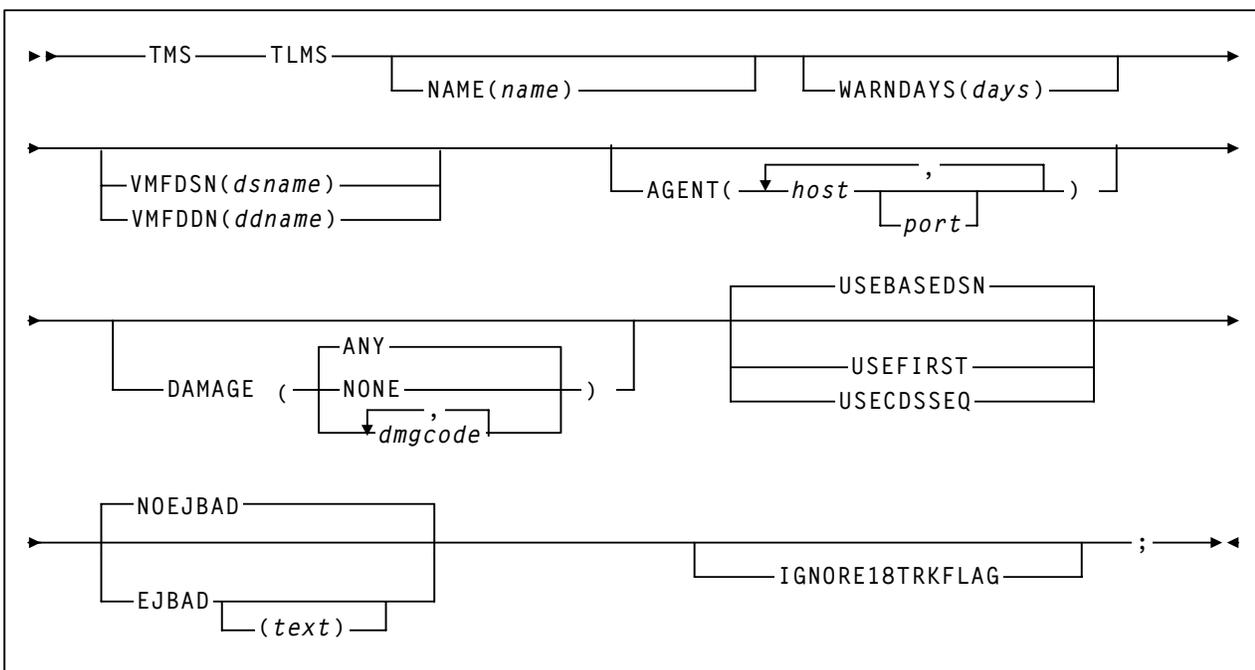
TMS OPEN Statement



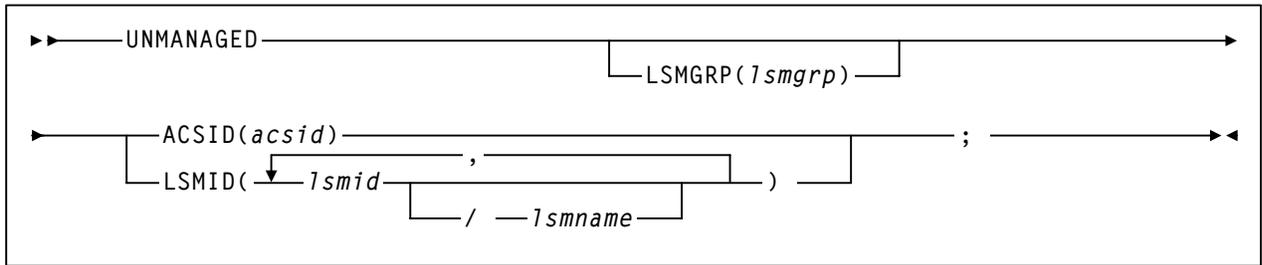
TMS RMM Statement



TMS TLMS Statement



UNMANAGED Statement



ExLM Operator Commands

Using MVS Commands

Using the MVS MODIFY Command to Monitor and Control ExLM Batch Jobs

You use the MVS `MODIFY` command to issue the ExLM `Display`, `Pause`, `REDIRECT`, and `Resume` commands.

For example, to display the status of CAP 000 for jobname EXLM, enter:

```
f exlm,display cap 000
```

Using the MVS STOP Command to Stop ExLM

You can use the MVS `STOP` command to stop ExLM. It will allow in-process operations to complete as follows:

- All volumes currently being ejected are placed in a CAP and must be removed before ExLM stops.
- All volumes currently being moved are placed their destination cells before ExLM will stop.
- All currently scheduled consolidations will complete.

For example, to stop jobname EXLM:

```
p exlm
```

Note: If you enter the `STOP` command a second time, ExLM terminates immediately, without waiting for scheduled actions to complete.

Using the MVS MODIFY Command to Monitor and Control ExLM Agent

The ExLM Agent also uses the MVS `MODIFY` command. For example, to display ExLM Agent status, enter:

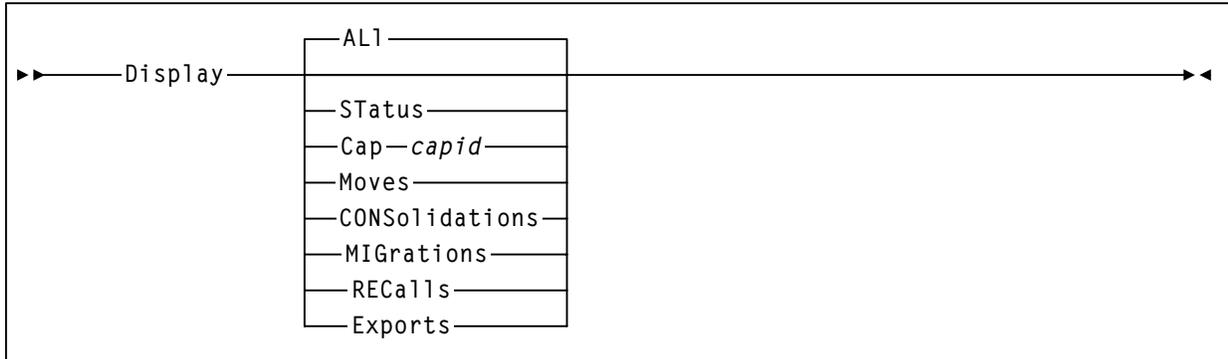
```
f lcmagent,display
```

To change the ExLM Agent maximum concurrent client connections, enter:

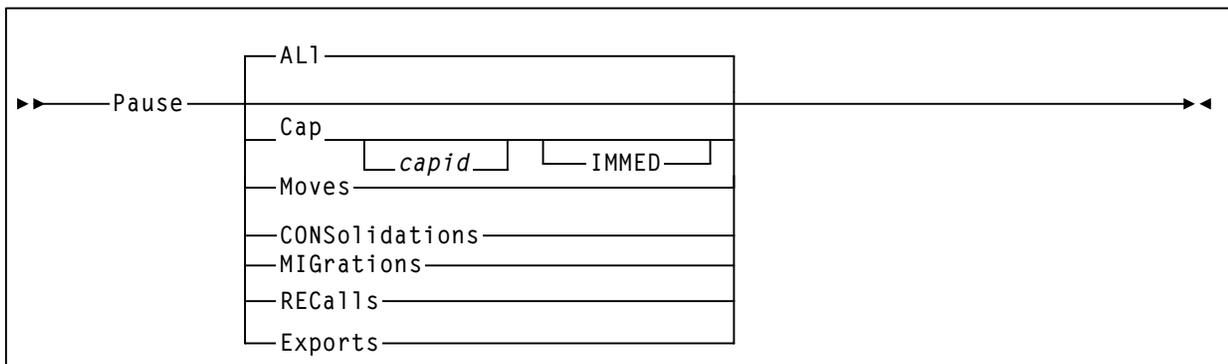
```
f lcmagent,maxconn nn
```

ExLM Operator Commands

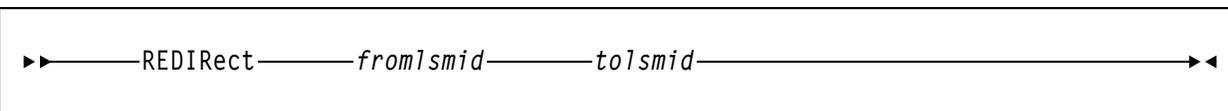
DISPLAY Command



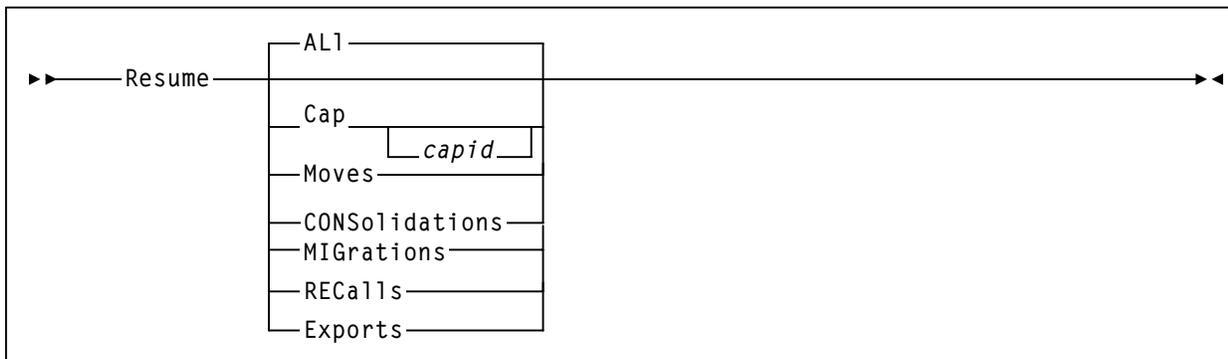
PAUSE Command



REDIRECT Command



RESUME Command



ExLM 6.2 Field Tables

The following sections contain information about the ExLM 6.2 Field Tables:

- “ACTION Statement WHEN Fields” on page 37
- “SET METHOD Statement WHEN Fields” on page 78
- “REPORT LSM Statement Fields” on page 115
- “REPORT MVC_VTV Statement Fields” on page 119
- “REPORT VOLUME Statement Fields” on page 120
- “General Fields” on page 187
- “Fields Specific to TMS CA1” on page 240
- “Fields Specific to TMS CTT” on page 269
- “Fields Specific to TMS Custom” on page 293
- “Fields Specific to TMS Open” on page 306
- “Fields Specific to TMS TLMS” on page 319

ACTION Statement WHEN Fields

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
BAAbdfg	char	TLMS	TLMS-specificabend flag.
BAAActive	int	TLMS	TLMS-specific active file count.
BAAscbse	char	TLMS	TLMS-specific associated base.
BAAscvol	char	TLMS	TLMS-specific associated volume.
BABlkent	int	TLMS	TLMS-specific block count.
BABlksiz	int	TLMS	TLMS-specific block size.
BABuydat	date	TLMS	TLMS-specific purchase date.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
BACdsexp	date	TLMS	TLMS-specific highest IBM expiration date on volume.
BACdsflg	char	TLMS	TLMS-specific controlling data set flag.
BACdskep	date	TLMS	TLMS-specific highest keep date on volume.
BACdsseq	int	TLMS	TLMS-specific controlling data set sequence number.
BAChvol	char	TLMS	TLMS-specific 1st volume in chain.
BACkptkn	char	TLMS	TLMS-specific check point taken (Y=Yes; B=No).
BACIncnt	int	TLMS	TLMS-specific cleanings since certified.
BACIndat	date	TLMS	TLMS-specific clean date.
BACpusmf	char	TLMS	TLMS-specific creation CPU SMF ID.
BACredat	date	TLMS	TLMS-specific create date.
BACreddn	char	TLMS	TLMS-specific creation ddname.
BACredev	char (alternate)	TLMS	TLMS-specific creation drive.
BACrejob	char	TLMS	TLMS-specific creation jobname.
BACrepgm	char	TLMS	TLMS-specific creation program name.
BACrestp	char	TLMS	TLMS-specific creation stepname.
BACretim	time	TLMS	TLMS-specific time of day the volume was created.
BACrtcnt	int	TLMS	TLMS-specific total certifications.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
BACrtdat	date	TLMS	TLMS-specific certification date.
BADamcde	char	TLMS	TLMS-specific damaged code.
BADen	char	TLMS	TLMS-specific density.
BADescde	char	TLMS	TLMS-specific destroyed code.
BADesdat	date	TLMS	TLMS-specific destroyed date.
BADsn	char	TLMS	TLMS-specific data set name.
BAErgcnt	int	TLMS	TLMS-specific current erase gaps on volume.
BAErgmax	int	TLMS	TLMS-specific max erase gaps on volume.
BAExpdat	date	TLMS	TLMS-specific IBM expiration date for data set.
BAFilcnt	int	TLMS	TLMS-specific file count.
BAFileseq	int	TLMS	TLMS-specific file sequence in chain.
BAFlg001	int	TLMS	TLMS-specific reserved for CA-1 FLG001.
BAFlg003	int	TLMS	TLMS-specific reserved for CA-1 FLG003.
BAFlg004	int	TLMS	TLMS-specific reserved for CA-1 FLG004.
BAFlg005	int	TLMS	TLMS-specific reserved for TLMS FLG005.
BAFlg006	int	TLMS	TLMS-specific reserved for TLMS FLG006.
BAKepdat	date	TLMS	TLMS-specific keep date for data set.
BALabtyp	char	TLMS	TLMS-specific label type.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
BALasdat	date	TLMS	TLMS-specific last used date.
BALasdev	char (alternate)	TLMS	TLMS-specific last used drive.
BALasjob	char	TLMS	TLMS-specific last used jobname.
BALoc	char	TLMS	TLMS-specific volume location.
BALoscde	char	TLMS	TLMS-specific lost code.
BAMds1st	char (alternate)	TLMS	TLMS-specific multi-dataset first chain pointer.
BAMdslst	char (alternate)	TLMS	TLMS-specific multi-dataset last chain pointer.
BAMovdat	date	TLMS	TLMS-specific date volume moved.
BAMvlcnt	int	TLMS	TLMS-specific count of volumes in BAMvltab.
BAMvlseq1	int	TLMS	TLMS-specific multi-volume sequence number 1.
BAMvlseq2	int	TLMS	TLMS-specific multi-volume sequence number 2.
BAMvlseq3	int	TLMS	TLMS-specific multi-volume sequence number 3.
BAMvlseq4	int	TLMS	TLMS-specific multi-volume sequence number 4.
BAMvlseq5	int	TLMS	TLMS-specific multi-volume sequence number 5.
BAMvlvol1	char	TLMS	TLMS-specific multi-volume chain serial number 1.
BAMvlvol2	char	TLMS	TLMS-specific multi-volume chain serial number 2.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
BAMvlvol3	char	TLMS	TLMS-specific multi-volume chain serial number 3.
BAMvlvol4	char	TLMS	TLMS-specific multi-volume chain serial number 4.
BAMvlvol5	char	TLMS	TLMS-specific multi-volume chain serial number 5.
BAOutsrv	char	TLMS	TLMS-specific out of service code. Contains BALoscde, BADamcde, and BAdescde.
BARecsiz	int	TLMS	TLMS-specific logical record length.
BARederr	int	TLMS	TLMS-specific current temporary read errors.
BARfm	char	TLMS	TLMS-specific record format.
BARtncnt1	int	TLMS	TLMS-specific retention count for retention entry 1.
BARtncnt2	int	TLMS	TLMS-specific retention count for retention entry 2.
BARtncnt3	int	TLMS	TLMS-specific retention count for retention entry 3.
BARtncnt4	int	TLMS	TLMS-specific retention count for retention entry 4.
BARtncnt5	int	TLMS	TLMS-specific retention count for retention entry 5.
BARtncnt6	int	TLMS	TLMS-specific retention count for retention entry 6.
BARtndev	char	TLMS	TLMS-specific box or cabinet/slot.
BARtnLoc1	char	TLMS	TLMS-specific user retention location for retention entry 1.
BARtnLoc2	char	TLMS	TLMS-specific user retention location for retention entry 2.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
BARtnLoc3	char	TLMS	TLMS-specific user retention location for retention entry 3.
BARtnLoc4	char	TLMS	TLMS-specific user retention location for retention entry 4.
BARtnLoc5	char	TLMS	TLMS-specific user retention location for retention entry 5.
BARtnLoc6	char	TLMS	TLMS-specific user retention location for retention entry 6.
BARtnptr	char	TLMS	TLMS-specific offset of active retention entry.
BARtnsrc	char	TLMS	TLMS-specific retention source. ' ' (blank) = No retention data; '1' = From RMF; '2' = From JCL; '3' = From manual update.
BARntyp1	char	TLMS	TLMS-specific user retention type for retention entry 1. '1' = Catalog control; '2' = Date control; '3' = Catalog and age; '4' = Cycle control; '5' = Age; '6' = Move immediate control; '7' = Manual control; '8' = Days since last used; '9' = Expiration date.
BARntyp2	char	TLMS	TLMS-specific user retention type for retention entry 2. '1' = Catalog control; '2' = Date control; '3' = Catalog and age; '4' = Cycle control; '5' = Age; '6' = Move immediate control; '7' = Manual control; '8' = Days since last used; '9' = Expiration date.
BARntyp3	char	TLMS	TLMS-specific user retention type for retention entry 3. '1' = Catalog control; '2' = Date control; '3' = Catalog and age; '4' = Cycle control; '5' = Age; '6' = Move immediate control; '7' = Manual control; '8' = Days since last used; '9' = Expiration date.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
BARntyp4	char	TLMS	TLMS-specific user retention type for retention entry 4. '1' = Catalog control; '2' = Date control; '3' = Catalog and age; '4' = Cycle control; '5' = Age; '6' = Move immediate control; '7' = Manual control; '8' = Days since last used; '9' = Expiration date.
BARntyp5	char	TLMS	TLMS-specific user retention type for retention entry 5. '1' = Catalog control; '2' = Date control; '3' = Catalog and age; '4' = Cycle control; '5' = Age; '6' = Move immediate control; '7' = Manual control; '8' = Days since last used; '9' = Expiration date.
BARntyp6	char	TLMS	TLMS-specific user retention type for retention entry 6. '1' = Catalog control; '2' = Date control; '3' = Catalog and age; '4' = Cycle control; '5' = Age; '6' = Move immediate control; '7' = Manual control; '8' = Days since last used; '9' = Expiration date.
BAScrdat	date	TLMS	TLMS-specific date volume scratched.
BAScruid	char	TLMS	TLMS-specific scratched by ID. '1' = TRS; '2' = JCL; '3' = Manual; '4' = External data manager.
BaseName	char	TMS	The controlling data set name of the volume. If the data set is a member of a Generation Data Group, only the base name (no .GnnnnVnn) is included.
BASmsmgt	char	TLMS	TLMS-specific SMS management class
BASpcchn	char	TLMS	TLMS-specific special chaining (chained for moves).
BASpnflg	char	TLMS	TLMS-specific spanned data set flag (1=spanned).
BASrvscr	char	TLMS	TLMS-specific service/scratch indicator. '0' = Skipped segment record; '1' = In service/Non scratch; '2' = In service/Scratch; '3' = Out service/Non scratch; '4' = Out Service/Scratch.
BATaplen	int	TLMS	TLMS-specific tape length.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
BATapmod	char	TLMS	TLMS-specific track recording technique.
BATaptyp	char	TLMS	TLMS-specific tape type.
BATrspro	char	TLMS	TLMS-specific TRS has processed this volume.
BAUnisrt	int	TLMS	TLMS-specific sort unique code.
BAUsebuy	int	TLMS	TLMS-specific uses since purchased.
BAUsecln	int	TLMS	TLMS-specific uses since cleaned.
BAUsecert	int	TLMS	TLMS-specific uses since certified.
BAUsr001	char	TLMS	TLMS-specific user data. (Defaults to job accounting - TCB).
BAUsr002	char	TLMS	TLMS-specific user data. (Defaults to programmer name - TCB).
BAUsr003	char	TLMS	TLMS-specific user data area.
BAVender	char	TLMS	TLMS-specific user updated manufacturer code.
BAVol1st	char (alternate)	TLMS	TLMS-specific multi-volume first volume serial number pointer.
BAVolcnt	int	TLMS	TLMS-specific volume count.
BAVollst	char (alternate)	TLMS	TLMS-specific multi-volume last chain pointer.
BAVolown	char	TLMS	TLMS-specific volume owner.
BAVolsek	int	TLMS	TLMS-specific volume sequence number.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
BAVolser	char	TLMS	TLMS-specific volume serial number
Classification CLS	char (alternate)	HSC, MVC, TMS, VTV	Classification of the volume. BadScratch Volumes marked defective and scratch in TMS Clean Volumes with the HSC cleaning prefix Expired Volumes marked not scratch and expired in TMS NonScratch Volumes not scratch, badscratch, expired, or clean Scratch Volumes available for receiving new tape data sets
Clean CLN	bool	ExLM	This volume is a cleaning cartridge.
Copy	int	TMS	Copy number of the volume. A value of 1 refers to the most recently created copy of the data set according to the tape management system, 2 refers to the next most recently created copy, and so on.
CreatingTMSDrive CTDRIVE	char (alternate)	TMS	The unit address of the tape drive on which the tape data set was created, printed as a hexadecimal character string.
CreationDate CDATE	date	MVC, TMS, VTV	The date the volume was created. The first available field of the following determines the creation date: CreationTMSDate, CreationVTVDate, CreationMVCDate.
CreationJobName CJOBNAME JOBNAME	char	TMS	The JCL job name that created the volume.
CreationMVCDate CMDATE	date	MVC	The date the volume was created as recorded by VSM.
CreationMVCTime CMTIME	time	MVC	The time of day the volume was created as recorded by VSM.
CreationStepName CSTEPNAME STEPNAME	char	TMS	The JCL step name that created the volume.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
CreationTime CTIME	time	MVC, TMS, VTV	The time of day the volume was created. The first available field of the following determines the creation time: CreationTMSTime, CreationVTVTime, CreationMVCTime.
CreationTMSDate CTDATE	date	TMS	The date the volume was created as recorded in the associated tape management system.
CreationTMSTime CTTIME	time	TMS	The time of day the volume was created as recorded in the associated tape management system.
CreationVTVDate CVDATE	date	VTV	The date the volume was created as recorded by VSM.
CreationVTVTime CVTIME	time	VTV	The time of day the volume was created as recorded by VSM.
CTAccount	char	ControlT	Control-T-specific accounting information
CTActiveds	int	ControlT	Control-T-specific number of active labels on volume.
CTBlksize	int	ControlT	Control-T-specific block size.
CTBlockct	int	ControlT	Control-T-specific block count.
CTBoxid	char	ControlT	Control-T-specific box ID.
CTChkindt	date	ControlT	Control-T-specific volume check-in date.
CTCIncount	int	ControlT	Control-T-specific clean count
CTCrecpu	char	ControlT	Control-T-specific creation CPU name.
CTCreddn	char	ControlT	Control-T-specific creation DD name.
CTCredt	date	ControlT	Control-T-specific creation date.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
CTCrejbn	char	ControlT	Control-T-specific creation job name.
CTCrepgm	char	ControlT	Control-T-specific creation program name.
CTCrestep	char	ControlT	Control-T-specific creation stepname.
CTCretm	time	ControlT	Control-T-specific creation time
CTCreauad	char (alternate)	ControlT	Control-T-specific creation unit address.
CTDdsexpd1	date	ControlT	Control-T-specific first expiration date.
CTDdsexpd2	date	ControlT	Control-T-specific second expiration date.
CTDdsexpd3	date	ControlT	Control-T-specific third expiration date.
CTDeleted	bool	ControlT	Control-T-specific volume marked as deleted.
CTDpname	char	ControlT	Control-T-specific data set name.
CTDsvolser	char	ControlT	Control-T-specific first data set begins on volume.
CTDyndef	bool	ControlT	Control-T-specific volume dynamically added.
CTEdm	bool	ControlT	Control-T-specific volume managed by an External Data Manager.
CTExprrtn	date	ControlT	Control-T-specific expected return date from out location.
CTExtndel	bool	ControlT	Control-T-specific volume will be deleted when expired.
CTExternal	bool	ControlT	Control-T-specific external volume.
CTFirstvol	char	ControlT	Control-T-specific first volume in the multi-volume group.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
CTHold	bool	ControlT	Control-T-specific volume is in the main library due to recall operation.
CTInatl	bool	ControlT	Control-T-specific volume resides inside a robotic tape library.
CTInuse	bool	ControlT	Control-T-specific volume currently in use.
CTIoerprm	int	ControlT	Control-T-specific permanent read errors.
CTIoerprmc	int	ControlT	Control-T-specific permanent read errors since last clean.
CTIoertmp	int	ControlT	Control-T-specific temporary read errors.
CTIoertmpc	int	ControlT	Control-T-specific temporary read errors since last clean
CTIoewprm	int	ControlT	Control-T-specific permanent write errors.
CTIoewprmc	int	ControlT	Control-T-specific permanent write errors since last clean.
CTIoewtmp	int	ControlT	Control-T-specific temporary write errors.
CTIoewtmpc	int	ControlT	Control-T-specific temporary write errors since last clean.
CTLaccdt	date	ControlT	Control-T-specific last access job date.
CTLaccjbn	char	ControlT	Control-T-specific last job name that accessed the volume.
CTLacctm	time	ControlT	Control-T-specific last access job time.
CTLblnum	int	ControlT	Control-T-specific highest label number on volume.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
CTLbltyp	char	ControlT	Control-T-specific label type AL AUL BLP NL NSL SL SUL
CTLclndt	date	ControlT	Control-T-specific last clean date.
CTLlibrary	char	ControlT	Control-T-specific robotic tape library name.
CTLlocation	char	ControlT	Control-T-specific current location of volume.
CTLlocseq	int	ControlT	Control-T-specific current vault sequence number.
CTLrecl	int	ControlT	Control-T-specific record length.
CTManvlt	bool	ControlT	Control-T-specific volume manually moved to vault.
CTMedia	char	ControlT	Control-T-specific media name
CTMovedate	date	ControlT	Control-T-specific move date.
CTNextvol	char	ControlT	Control-T-specific next volume in the multi-volume group.
CTNostack	bool	ControlT	Control-T-specific volume cannot be a candidate for dynamic stacking.
CTOut	bool	ControlT	Control-T-specific volume outside the main library.
CTPendscr	bool	ControlT	Control-T-specific pending scratch status.
CTPendvlt	bool	ControlT	Control-T-specific pending vault.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
CTPrevvol	char	ControlT	Control-T-specific previous volume in the multi-volume group.
CTPvlt	bool	ControlT	Control-T-specific potential vault.
CTRecall	bool	ControlT	Control-T-specific volume will recall back to main library.
CTRecfm	char	ControlT	Control-T-specific record format. A B D F FB FBA FBM FBS M S U V VB VBA VBM VBS VS
CTRecfrom	char	ControlT	Control-T-specific vault name recalled from.
CTRecreate	bool	ControlT	Control-T-specific dataset recreated.
CTReturnvl	bool	ControlT	Control-T-specific volume returned from vault.
CTRetvltdt	date	ControlT	Control-T-specific date to return to vault.
CTScratch	bool	ControlT	Control-T-specific volume scratch status.
CTScrdt	date	ControlT	Control-T-specific volume scratch date.
CTSlname	char	ControlT	Control-T-specific SL name.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
CTSlotnum	int	ControlT	Control-T-specific slot number
CTSmsmc	char	ControlT	Control-T-specific SMS management class.
CTSmsg	char	ControlT	Control-T-specific SMS storage group.
CTVabend	bool	ControlT	Control-T-specific incomplete data set on volume.
CTVault	char	ControlT	Control-T-specific first vault name.
CTVault2	char	ControlT	Control-T-specific second vault name.
CTVault3	char	ControlT	Control-T-specific third vault name.
CTVaulted	bool	ControlT	Control-T-specific vaulted.
CTVendor	char	ControlT	Control-T-specific volume's vendor name
CTVformat	char	ControlT	Control-T-specific volume format
CTVfreekb	int	ControlT	Control-T-specific free kilo-bytes on volume.
CTVlrstrt	bool	ControlT	Control-T-specific volume processed under MVS restart.
CTVlntentdt	date	ControlT	Control-T-specific vault entry date.
CTVltexpdt	date	ControlT	Control-T-specific vault expiration date.
CTVoledmid	char	ControlT	Control-T-specific volume's External Data Manager ID.
CTVolexcp	int	ControlT	Control-T-specific EXCP Count
CTVolexpd	date	ControlT	Control-T-specific volume expiration date.
CTVolodesc	char	ControlT	Control-T-specific volume user description.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
CTVolowner	char	ControlT	Control-T-specific volume owner
CTValseq	int	ControlT	Control-T-specific volume sequence number in a multi-volume group.
CTVolser	char	ControlT	Control-T-specific volume serial number.
CTVolsnum	int	ControlT	Control-T-specific number volumes data set resides on.
CTVoltype	char	ControlT	Control-T-specific volume type. L P
CTVolusect	int	ControlT	Control-T-specific volume use count since last scratch.
CTVolusetc	int	ControlT	Control-T-specific volume use count.
CTVstkgrp	char	ControlT	Control-T-specific stacking group name.
CTVusedkb	int	ControlT	Control-T-specific Used kilo-bytes on volume.
CycleDate CYDATE	date	TMS	The date used by ExLM for CYCLESOON processing. If missing, ExLM does not perform CYCLESOON processing on this volume.
DataSetIdentifier DSID	char	TMS	The most specific matching data set identifier found for the data set name on the Data Set tab of the Methods folder (Explorer) or a DATASET statement (Parameter File).
DataSetName DSN	char	TMS	The controlling data set name of the volume. If the data set is a member of a Generation Data Group, the .GnnnnVnn qualifier is included.
DaysSinceCreation CDAYS	int	MVC, TMS, VTV	The number of days since the data set was created. The first available field of the following determines the days since creation: DaysSinceCreationTMS, DaysSinceCreationMVC, DaysSinceCreationVTV.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
DaysSinceCreationMVC CMDAYS	int	MVC	The number of days since the data set was created as recorded by VSM.
DaysSinceCreationTMS CTDAYS	int	TMS	The number of days since the data set was created as recorded in the associated tape management system.
DaysSinceCreationVTV CVDAYS	int	VTV	The number of days since the data set was created as recorded by VSM.
DaysSinceEnter EDAYS	int	HSC	The number of days since the volume was entered into an LSM. If all volumes of a multi-volume data set are covered by the same Management Method, the most recent enter day for any volume is used by ExLM for all volumes in the multi-volume data set.
DaysSinceLocation LDAYS LOCDAYS	int	TMS	The number of days since the tape was moved to a tape storage location.
DaysSinceMount MDAYS	int	HSC	The number of days since the HSC last mounted the volume.
DaysSinceReference RDAYS	int	HSC, MVC, TMS, VTV	The number of days since reference for the volume as used by ExLM. The first available field of the following determines the reference day: DaysSinceReferenceTMS, DaysSinceReferenceVTV, DaysSinceReferenceMVC, DaysSinceMount, DaysSinceSelect. If all volumes of a multi-volume data set are covered by the same Management Method, the most recent reference day for any volume is used by ExLM for all volumes in the multi-volume data set.
DaysSinceReferenceMVC RMDAYS	int	MVC	The number of days since reference as recorded by VSM for an MVC (Multiple Volume Cartridge)
DaysSinceReferenceTMS RTDAYS	int	TMS	The number of days since reference as recorded in the associated tape management system for volumes being treated as a unit (Multi-volume support).

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
DaysSinceReferenceV TV RVDAYS	int	VTV	The number of days since reference as recorded by VSM for a VTV (Virtual Tape Volume)
DaysSinceSelect SDAYS	int	HSC	The number of days since the volume was selected by the HSC.
DaysTillCycle CYDAYS DAYSTILLEXPIRE XDAYS	int	TMS	The number of days ExLM uses for CYCLESOON processing. If missing, ExLM will not perform CYCLESOON processing on this volume.
Deleted	bool	TMS	The volume is marked deleted in the tape management system. Note: The value of this field is false for all volumes known to ExLM unless: Explorer: The checkbox on the Deleted tab of the TMS object is not checked; Parameter File: the NODELETECHECK parameter is specified on the TMS statement.
EnterDate ENDATE	date	HSC	The date the volume was entered into an LSM. If all volumes of a multi-volume data set are covered by the same Management Method, the most recent enter date of any volume is used by ExLM for all volumes in the multi-volume data set.
EnterTime ENTIME	time	HSC	The time of day the volume was entered.
Errant	bool	HSC	The HSC has marked this volume errant. Requires HSC PTF L1H10CC (HSC 4.0) or L1H10CE (HSC 4.1) to produce accurate information.
ExLblReadable EXLBLRD	bool	HSC	The cartridge external label is OCR readable.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
ExpireDate EXPDT XDATE	date	TMS	The date the volume will expire based on the expiration date in the tape management system. Special expire dates are: AGE/nnn - Expires nnn days from create or move date; CATLG - Expires when the data set name no longer exists in the MVS system catalog, regardless of the keep date; CATLG/nnn - Expires nnn days after creation and the data set no longer resides in the MVS catalog; CYCLE/nnn - Oldest data set expires after nnn cycles; FOREIGN - Foreign volume; LDATE/nnn - Expires nnn days after last used; MSG/nnn - TMS user-defined; PERM - Never expires; STATS/nnn - Never expires; USER/nnn - Never expires; ZEROS - CA-TLMS value was zeros; Julian date - Expires on the julian date.
ExternalLabel EXLBL	bool	HSC	The cartridge has an external label.
ExternallyManaged EXTERNAL	bool	TMS	The volume is defined to the tape management system, but its use is controlled by some other software system.
GDG	bool	TMS	The volume is a member of a Generation Data Group.
GDGWrap	bool	TMS	The volume is a member of a Generation Data Group where the Gnnnn number has wrapped from 9999 to 0001.
Generation GEN	int	TMS	The relative generation number + 1, based on the tape management system.
HoursSinceCreationV TV CVHOURS	int	VTV	The number of hours since creation as recorded by VSM for a VTV (Virtual Tape Volume).
HoursSinceReference VTV RVHOURS	int	VTV	The number of hours since reference as recorded by VSM for a VTV (Virtual Tape Volume).
HSCScratch HSCSCR	bool	HSC	The status recorded by the HSC for the volume is scratch.
InitialACSID IACSID	char (alternate)	HSC, MVC	The ACS ID in which the volume resided at the beginning of the ExLM run.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
InitialLSMCell ILSMCELL	char (alternate)	HSC	The coordinates of the LSM Cell where the volume resided at the beginning of the ExLM run.
InitialLSMColumn ILSMCOL	int	HSC	The LSM Column number where the volume resided at the beginning of the ExLM run.
InitialLSMGroup ILSMGRP	char (alternate)	ExLM	The name of the LSM Group where the volume resided at the beginning of the ExLM run.
InitialLSMID ILSMID	char (alternate)	HSC, MVC	The LSM ID where the volume resided at the beginning of the ExLM run.
InitialLSMName ILSMNAME	char (alternate)	ExLM	The Name of the LSM where the volume resided at the beginning of the ExLM run.
InitialLSMPanel ILSMPNL	int	HSC	The LSM Panel number where the volume resided at the beginning of the ExLM run.
InitialLSMPanelFroze n ILSMPNLFZ	bool	HSC	The volume resided in a frozen panel at the beginning of the ExLM run.
InitialLSMRow ILSMROW	int	HSC	The LSM Row number where the volume resided at the beginning of the ExLM run.
InLSM	bool	HSC, MVC	The volume is in an LSM at the beginning of an ExLM run.
InManagedLSM INMANLSM	bool	ExLM	The volume is in a MANAGED LSM at the beginning of an ExLM run.
InTMS	bool	TMS	The volume is in a tape management system defined to ExLM.
LastUsedTMSDrive LUTDRIVE	char (alternate)	TMS	The unit address of the tape drive on which the tape was last used, printed as a hexadecimal character string.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
LocationCode LOCCODE	char	TMS	The identifier assigned to a tape volume by the tape management system to identify the intended storage location for that volume.
LocationDate LDATE LOCDATE	date	TMS	The date the volume was moved to the tape management system's tape storage location.
LocationName LOCNAME	char (alternate)	ExLM	The name of the tape storage location. Location Names are not defined to the tape management system, but are assigned by ExLM from tape management system information as specified by: Explorer: the Location object Codes tab; Parameter File: the Location statement Code parameter.
Managed	bool	ExLM	The volume is covered by a MANAGE statement.
ManagementClass MGMTCLAS	char (alternate)	TMS	The name of the SMS Management Class for the volume.
MaxUseCount	int	HSC	The maximum usage for a cleaning cartridge set by the VOLATTR Maxclean or MNTD Maxclean value.
MediaSource MEDIAS	char (alternate)	ExLM	The source of information used to determine the volume's MediaType value. DFLT The media type defaulted to Standard. HSCCDS The HSC Control Data Set. VOLDEF The VOLATTR statements contained in the file identified by the HSC VOLDEF parameter. VSMVTV VSM Virtual Tape Volume information.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
MediaType MEDIA MEDIAT	char (alternate)	HSC, MVC, VTV	The media type of the volume. DD3A 10 Gb capacity helical cartridge. DD3B 25 Gb capacity helical cartridge. DD3C 50 Gb capacity helical cartridge. DD3D Cleaning cartridge for helical drives. ECART Enhanced Capacity tape (3490). JCART EE-tape media. Long 3490E extended capacity cartridge. LTO-100G LTO 100GB capacity cartridge. LTO-10G LTO 10GB capacity cartridge. LTO-200G LTO 200GB capacity cartridge. LTO-35G LTO 35GB capacity cartridge. LTO-400G LTO 400GB capacity cartridge. LTO-50G LTO 50GB capacity cartridge. LTO-CLN1 LTO cleaning type 1 cartridge. LTO-CLN2 LTO cleaning type 2 cartridge. LTO-CLNU LTO universal cleaning cartridge. SDLT Super DLT cartridge. SDLT-2 Super DLT model 2 cartridge. Standard Standard length 3480 cartridge. STK1R 9840 data cartridge. STK1U Cleaning cartridge for 9840 transports. STK2P T9940A data cartridge. STK2W Cleaning cartridge for T9940 transports. T10000CT Titanium cleaning cartridge. T10000T1 Titanium full capacity cartridge. T10000TS Titanium "sport" cartridge. VIRTUAL Virtual Tape Volume (VTV) in the StorageTek Virtual Storage Manager system. ZCART 9490EE ZCART media cartridge.
MethodName METHOD MTH MTHNAME	char (alternate)	ExLM	The name of the Management Method assigned to this volume.
MountDate MDATE	date	HSC	The date the volume was last mounted in an LSM.
Mounted	bool	HSC	The volume is currently mounted.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
MountTime MTIME	time	HSC	The time of day the volume was last mounted in an LSM.
MVC	bool	MVC	The volume is a Multiple Volume Cartridge for VSM.
MVCAudit	bool	MVC	The MVC is either being audited or the audit failed. If the audit failed, VTCS will not use the MVC for migration. To clear this condition, rerun the AUDIT against this MVC.
MVCAvailable MVCAVAIL	int	MVC	The percentage of the MVC available for use.
MVCBroken	bool	MVC	The MVC has an error that should be investigated. The error might not make the MVC unusable, but VTCS does not select the MVC for migration for 12 hours after this status has been set to true. After the 12 hour period, the MVC is least preferred for subsequent migrations, and recalls from the MVC can cause VTCS to drain it. This error condition can be accompanied by messages SLS6686, SLS6687, SLS6688, SLS6690 and/or SLS6693. Any of the following conditions can cause this MVC error: MVC corrupted by another job (other than VTCS/VTSS). Attempt to use a read-only MVC for migration. A DDR swap failure. An RTD failure.
MVCConsolidateDate	date	MVC	The date on which the MVC was consolidated as recorded by VSM.
MVCConsolidateTime	time	MVC	For a consolidation MVC, this field displays the time of the consolidation.
MVCConsolidation	bool	MVC	The MVC is a consolidation MVC.
MVCDataCheck	bool	MVC	A data check was reported for this MVC. VSM will not use this MVC again for migration.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
MVCDrained	bool	MVC	The MVC is being drained because of one of: 1) an automatic drain or demand reclaim. 2) an explicit MVCDRain command, 3) The previous DRAIN request failed, in which case VTCS will not use the MVC for migration. To clear this condition, enter MVCDRain against MVC without the Eject option.
MVCEject	bool	MVC	The MVC is in the process of eject either because you issued MVCDRainEject or the MVC was ejected for update by a RACROUTE call. The MVC will not be used again for migration or recall. To clear this condition, use MVCDRain against MVC without the Eject option.
MVCExport	bool	MVC	The MVC is an export MVC.
MVCFragmented MVCFRAG	int	MVC	The percentage of the MVC that is not available due to fragmentation.
MVCFull	bool	MVC	There is no space available on the MVC.
MVCInitialized	bool	MVC	The MVC has been initialized.
MVCInUse	int	MVC	The percentage of the MVC used by valid Virtual Tape Volumes.
MVCInvalidMIR	bool	MVC	The MVC has an invalid MIR.
MVCLost	bool	MVC	The MVC was not mounted in response to the last mount request. The MVC can still be used for migration, but will not select the MVC for migration for 12 hours after it is marked lost. After the 12 hour period, the MVC will be least preferred. This condition will clear itself the next time that the MVC is mounted.
MVCMaximumReached	bool	MVC	The MVC has reached the maximum VTVs per MVC.
MVCMediaSize	int	MVC	The size in MB of the MVC. This is determined only after VTCS has used an MVC. "UNKNOWN" appears in this field until VTCS migrates a VTV to the MVC.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
MVCMountDate	date	MVC	The date on which the MVC was mounted, as recorded by VTSS.
MVCMountTime	time	MVC	The time the MVC was last mounted, as recorded by VTSS.
MVCReadOnly	bool	MVC	The MVC has been marked read-only.
MVCRetired	bool	MVC	The MVC is retired.
MVCStorageClass MVCSTORCLASS	char	MVC	The VTCS Storage Class for the volume.
MVCUsableForMigration	bool	MVC	Indicates whether the MVC can be used for migration.
MVCUsed MVCTimesMounted	int	MVC	The number of times the MVC has been mounted.
MVCVTSS	char	MVC	VTSS name where the MVC was last used.
MVCVTVCount MVCVTVCNT	int	MVC_V TV	The number of valid Virtual Tape Volumes on the MVC.
NonScratch NONSCR	bool	HSC, TMS	The volume is not classified as a scratch volume.
Notuseable NOUSE	bool	HSC	The HSC has marked this volume as not useable.
OnPullList ONPL	bool	ExLM	The volume is on a Pull List.
OverMaxClean OverHSCMAXCLN	bool	HSC	The cleaning cartridge has exceeded its maximum usage count.
PermanentReadErrors	int	TMS	The number of permanent read errors for the volume.
PermanentWriteErrors	int	TMS	The number of permanent write errors for the volume.
PullListName PLNAME	char (alternate)	ExLM	The name of the Pull List for the volume.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
RECTECH	char	HSC	The recording technique for the volume.
ReferenceMVCDate RMDATE	date	MVC	The date on which the MVC was last referenced, as recorded by VSM.
ReferenceTMSDate RTDATE	date	TMS	The date of the last reference, as recorded in the associated tape management system, for volumes being treated as a unit (Multi-volume support).
ReferenceVTVDate RVDATE	date	VTV	The date on which the VTV was last referenced, as recorded by VSM.
ReferenceVTVTime RVTIME	time	VTV	The time of day the volume was last referenced, as recorded by VSM.
RunName	char (alternate)	ExLM	The name of the Run object from the JCL EXEC statement Run PARM.
RunType	char (alternate)	ExLM	The RunType from the JCL EXEC statement RunType PARM.
Scratch SCR	bool	HSC, MVC, Open, TMS, VTV	The volume is classified as a scratch volume by ExLM.
Scatched SCRED	bool	ExLM	ExLM marked the volume as scratch in the HSC or VSM.
SelectCount SCOUNT	int	HSC	The number of times the volume has been selected by the HSC.
SelectDate SDATE	date	HSC	The date the volume was last selected in an LSM.
Selected	bool	HSC	The volume is currently selected.
SelectTime STIME	time	HSC	The time of day the volume was selected by the HSC.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
Serial SER VOL VOLSER VOLUME	char	HSC, MVC, TMS, VTV	The 6-character identifier of a tape volume.
Serial1 SER1	char	TMS	The 6-character identifier of the first volume of the volume set associated with this volume.
Slot	char	TMS	The value assigned to a tape volume by the tape management system to pinpoint the storage place for the volume.
Subpool SP	char (alternate)	ExLM	The name of the Subpool managing a group of volume serial numbers. This is defined in the ExLM Subpool object (Explorer) or Subpool statement (Parameter File).
SubpoolId SPID	char (alternate)	HSC	Volume subpool ID from the HSC. This will be the 13-character name of the pool if using HSC SCRPOOL statements, or the 3-digit subpool index number if using SLSUX03.
SubpoolLabelType SPLBLTYP	char (alternate)	HSC	Volume subpool label type from the HSC.
TapeGroup TG	char (alternate)	ExLM	The name of the tape group of a volume. Explorer: This is defined on the Media tab of the Subpool object. Parameter File: This is defined in the Media parameter of the Subpool statement.
TemporaryReadErrors	int	TMS	The number of temporary read errors for the volume.
TemporaryWriteErrors	int	TMS	The number of temporary write errors for the volume.
TM#Dsnbs	int	CA1	CA-1-specific number of data set name blocks.
TM128trk	bool	CA1	CA-1-specific recording technique. x'E8' indicates Trk 3590 cartridge tape.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
TM18trk	bool	CA1	CA-1-specific recording technique. x'C0' indicates 3480 cartridge tape - 18 tracks.
TM3590	bool	CA1	CA-1-specific recording density. x'E8' indicates 3590 cartridge tape.
TM36Trk	bool	CA1	CA-1-specific recording technique. x'E0' indicates 3490 cartridge tape - 36 tracks.
TM36trk2	bool	CA1	CA-1-specific recording technique. x'E1' indicates 3490E cartridge tape - 36 tracks (extended length).
TM38000	bool	CA1	CA-1-specific recording density. x'E3' indicates 38K bpi (cartridge).
TM38KC	bool	CA1	CA-1-specific recording density. x'E7' indicates 38K bpi (cartridge-compacted).
TM9trk	bool	CA1	CA-1-specific recording technique. x'80' indicates nine track tape.
TMAbend	bool	CA1	CA-1-specific internal flag bit x'10'. Volume closed byabend.
TMActvl1	char	CA1	CA-1-specific actual internal volser
TMActvl2	char	CA1	CA-1-specific actual internal volser
TMAcvoli	bool	CA1	CA-1-specific internal flag4 bit x'40'. Actual volser in use.
TMAdsnb	int	CA1	CA-1-specific address (relative to BASE in TMSCTL#2) of first DSNB record associated with this volume record.
TMAldsnb	int	CA1	CA-1-specific address (relative to BASE in TMSCTL#2) of last DSNB record associated with this volume record.
TMB1Dis	int	CA1	CA-1-specific B1 security disclosure label.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
TMB1Int	int	CA1	CA-1-specific B1 security integrity label.
TMBadtap	bool	CA1	CA-1-specific internal flag3 bit x'80'. CA-9/R+ indicated bad tape, do not mount for scratch.
TMBlkcnt	int	CA1	CA-1-specific data set block count.
TMBlksi	int	CA1	CA-1-specific maximum block size.
TMBthdt	date	CA1	CA-1-specific date tape was first used.
TMCatlog	bool	CA1	CA-1-specific internal flag2 bit x'80'. Data set was on MVS catalog.
TMClean	bool	CA1	CA-1-specific internal flag bit x'08'. Volume listed to be cleaned.
TMClnent	int	CA1	CA-1-specific number of times tape cleaned.
TMClosed	bool	CA1	CA-1-specific internal flag bit x'40'. Volume closed normally.
TMCpgm	char	CA1	CA-1-specific creating program name.
TMCrtdt	date	CA1	CA-1-specific creation date.
TMCrtti	time	CA1	CA-1-specific creation time.
TMCruni	char (alternate)	CA1	CA-1-specific address of creation unit.
TMDatcln	date	CA1	CA-1-specific date tape was last cleaned.
TMDdname	char	CA1	CA-1-specific creating ddname.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
TMDegau	bool	CA1	CA-1-specific internal flag4 bit x'10'. Tape has been degaussed.
TMDelet	bool	CA1	CA-1-specific internal flag bit x'02'. Volume in delete (inactive) status
TMDen	char (alternate)	CA1	CA-1-specific recording density.
TMDfault	bool	CA1	CA-1-specific internal flag bit x'01'. Volume eligible for RDS override.
TMDfexu	bool	CA1	CA-1-specific internal flag3 bit x'04'. Default expiration date used at open output.
TMDsn	char	CA1	CA-1-specific data set name.
TMDsn17	char	CA1	CA-1-specific last 17 bytes of dsn.
TMDynam	bool	CA1	CA-1-specific internal flag3 bit x'10'. Controlled by CA-DYNAM/T.
TMEcatlg	bool	CA1	CA-1-specific internal flag2 bit x'08'. Expired from catalog control (TMSCTLG).
TMEcycle	bool	CA1	CA-1-specific internal flag2 bit x'04'. Expired from cycle control (TMSCYCLE).
TMEdmid	char	CA1	CA-1-specific external data manager id.
TMEdmtap	bool	CA1	CA-1-specific internal flag3 bit x'20'. Controlled by external data manager.
TMEldate	bool	CA1	CA-1-specific internal flag bit x'02'. Expired from LDATE control (TMSCLEAN).

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
TMERase	bool	CA1	CA-1-specific internal flag3 bit x'08'. Data set erase required.
TMEsms	bool	CA1	CA-1-specific internal flag4 bit x'80'. Tape expired by SMS max retention rules.
TMEtms	bool	CA1	CA-1-specific internal flag bit x'01'. Expired by TMS.
TMExpdt	date	CA1	CA-1-specific expiration date.
TMFilepy	bool	CA1	CA-1-specific internal flag3 bit x'01'. Created by CA-1/Copycat.
TMFlag1	char (alternate)	CA1	CA-1-specific internal flag byte.
TMFlag2	char (alternate)	CA1	CA-1-specific internal flag byte.
TMFlag3	char (alternate)	CA1	CA-1-specific internal flag byte.
TMFlag4	char (alternate)	CA1	CA-1-specific internal flag byte.
TMFlag5	char (alternate)	CA1	CA-1-specific internal flag byte.
TMFlag6	char (alternate)	CA1	CA-1-specific internal flag byte.
TMFrsvol	char	CA1	CA-1-specific first volser of data set.
TMIntal	bool	CA1	CA-1-specific internal flag1 bit x'80'. Internal field changed by user.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
TMInuse	bool	CA1	CA-1-specific internal flag4 bit x'02'. Tape is in use for RTS (Real Time Stacking).
TMIsctat	bool	CA1	CA-1-specific internal flag4 bit x'08'. File on OS catalog.
TMJobnm	char	CA1	CA-1-specific creating job name.
TMLasusd	date	CA1	CA-1-specific date last used.
TMLasusj	char	CA1	CA-1-specific job name which last used volume.
TMLasust	time	CA1	CA-1-specific time last used.
TMLpgm	char	CA1	CA-1-specific last used program name.
TMLrecl	int	CA1	CA-1-specific logical record length.
TMLtype	char	CA1	CA-1-specific tape label type. One of SL, SUL, NL, NSL, BLP, AL1, AU1, AL3, AU3.
TMNostak	bool	CA1	CA-1-specific internal flag4 bit x'01'. No further stacking allowed.
TMNrs	bool	CA1	CA-1-specific internal flag4 bit x'04'. Non-resident tape.
TMNxtVol	char	CA1	CA-1-specific next volser of data set.
TMOutar	char	CA1	CA-1-specific location id of out-of-area tape.
TMOutdat	date	CA1	CA-1-specific date tape was marked out-of-area.
TMOutput	bool	CA1	CA-1-specific internal flag2 bit x'40'. Volume opened for output.
TMPrerre	int	CA1	CA-1-specific number of permanent read errors since cleaned.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
TMPPrerri	int	CA1	CA-1-specific number of permanent read errors since initialized.
TMPPrvvol	char	CA1	CA-1-specific previous volser of data set.
TMPwerrc	int	CA1	CA-1-specific number of permanent write errors since cleaned.
TMPwerri	int	CA1	CA-1-specific number of permanent write errors since initialized.
TMRecfm	char	CA1	CA-1-specific record format. One of V, VA, VS, VB, VBM, VBA, VBS, F, FM, FA, FS, FB, FBM, FBA, FBS, U.
TMRedwd1	bool	CA1	CA-1-specific recording technique. x'E4' indicates Redwood 12.5G capacity.
TMRedwd2	bool	CA1	CA-1-specific recording technique. x'E5' indicates Redwood 25G capacity.
TMRedwd3	bool	CA1	CA-1-specific recording technique. x'E6' indicates Redwood 50G capacity.
TMRelevm	bool	CA1	CA-1-specific internal flag3 bit x'40'. Tape released by external vault manager.
TMReuse	bool	CA1	CA-1-specific internal flag2 bit x'20'. Data set recreated.
TMRobid	int	CA1	CA-1-specific robotic device indicator.
TMRoby	int	CA1	CA-1-specific tape in robotic device.
TMSBad	bool	Open, TMS	The volume has been marked defective in the tape management system.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
TMSrtch	bool	CA1	CA-1-specific internal flag bit x'04'. Volume in scratch status.
TMSExpired	bool	Open, TMS	The volume is marked expired in the tape management system.
TMSlot	char	CA1	CA-1-specific vault slot number.
TMSmsmc	char	CA1	CA-1-specific SMS management class.
TMSName	char (alternate)	ExLM	The name of the tape management system defined on the TMS statement.
TMSScratch TMSSCR	bool	TMS	The tape management system has the scratch flag set for this volume.
TMStack	bool	CA1	CA-1-specific internal flag5 bit x'80'. Tape has been used by RTS.
TMStpnam	char	CA1	CA-1-specific creating step name.
TMSUse	int	Open, TMS	The number of times the volume has been used.
TMTempds	bool	CA1	CA-1-specific internal flag2 bit x'10'. Temporary data set.
TMTrerrc	int	CA1	CA-1-specific number of temporary read errors since cleaned.
TMTrerri	int	CA1	CA-1-specific number of temporary read errors since initialized.
TMTrtch	char (alternate)	CA1	CA-1-specific recording technique.
TMTwercc	int	CA1	CA-1-specific number of temporary write errors since cleaned.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
TMTwerri	int	CA1	CA-1-specific number of temporary write errors since initialized.
TMUcount	int	CA1	CA-1-specific number of times tape opened since birthdate.
TMUltif	bool	CA1	CA-1-specific internal flag3 bit x'02'. Additional files exist in volume set.
TMUpdate	bool	CA1	CA-1-specific internal flag bit x'20'. Volume record updated by user.
TMUsecln	int	CA1	CA-1-specific use count at last cleaning.
TMUser TMAcct	char	CA1	CA-1-specific user job accounting area.
TMUsuni	char (alternate)	CA1	CA-1-specific address of unit last used.
TMVabtch	int	CA1	CA-1-specific id of last CA-1 program to update record.
TMVacode	int	CA1	CA-1-specific audit code.
TMVacpu	char	CA1	CA-1-specific id of CPU used for last update.
TMVadate	date	CA1	CA-1-specific date of last update.
TMVafgl	int	CA1	CA-1-specific audit flag.
TMVahook	int	CA1	CA-1-specific id of last intercept to update record.
TMVatime	time	CA1	CA-1-specific time of last update.
TMVauser	char	CA1	CA-1-specific id of last user to update record.
TMVendor	char	CA1	CA-1-specific tape vendor name.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
TMValseq	int	CA1	CA-1-specific volume sequence number.
TMVolser	char	CA1	CA-1-specific volume serial number.
TMVsr	bool	CA1	CA-1-specific internal flag4 bit x'20'. Vault specific request.
Unscratched UNSCRED	bool	ExLM	ExLM marked the volume as not scratch in the HSC or VSM.
UserBool1	bool	Custom, Open	User-defined Boolean field for a volume.
UserBool10	bool	Custom, Open	User-defined Boolean field for a volume.
UserBool2	bool	Custom, Open	User-defined Boolean field for a volume.
UserBool3	bool	Custom, Open	User-defined Boolean field for a volume.
UserBool4	bool	Custom, Open	User-defined Boolean field for a volume.
UserBool5	bool	Custom, Open	User-defined Boolean field for a volume.
UserBool6	bool	Custom, Open	User-defined Boolean field for a volume.
UserBool7	bool	Custom, Open	User-defined Boolean field for a volume.
UserBool8	bool	Custom, Open	User-defined Boolean field for a volume.
UserBool9	bool	Custom, Open	User-defined Boolean field for a volume.
UserChar1	char	Custom, Open	User-defined character field for a volume.
UserChar10	char	Custom, Open	User-defined character field for a volume.
UserChar2	char	Custom, Open	User-defined character field for a volume.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
UserChar3	char	Custom, Open	User-defined character field for a volume.
UserChar4	char	Custom, Open	User-defined character field for a volume.
UserChar5	char	Custom, Open	User-defined character field for a volume.
UserChar6	char	Custom, Open	User-defined character field for a volume.
UserChar7	char	Custom, Open	User-defined character field for a volume.
UserChar8	char	Custom, Open	User-defined character field for a volume.
UserChar9	char	Custom, Open	User-defined character field for a volume.
UserDate1	date	Custom, Open	User-defined date field for a volume.
UserDate10	date	Custom, Open	User-defined date field for a volume.
UserDate2	date	Custom, Open	User-defined date field for a volume.
UserDate3	date	Custom, Open	User-defined date field for a volume.
UserDate4	date	Custom, Open	User-defined date field for a volume.
UserDate5	date	Custom, Open	User-defined date field for a volume.
UserDate6	date	Custom, Open	User-defined date field for a volume.
UserDate7	date	Custom, Open	User-defined date field for a volume.
UserDate8	date	Custom, Open	User-defined date field for a volume.
UserDate9	date	Custom, Open	User-defined date field for a volume.
UserInt1	int	Custom, Open	User-defined integer field for a volume.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
UserInt10	int	Custom, Open	User-defined integer field for a volume.
UserInt2	int	Custom, Open	User-defined integer field for a volume.
UserInt3	int	Custom, Open	User-defined integer field for a volume.
UserInt4	int	Custom, Open	User-defined integer field for a volume.
UserInt5	int	Custom, Open	User-defined integer field for a volume.
UserInt6	int	Custom, Open	User-defined integer field for a volume.
UserInt7	int	Custom, Open	User-defined integer field for a volume.
UserInt8	int	Custom, Open	User-defined integer field for a volume.
UserInt9	int	Custom, Open	User-defined integer field for a volume.
UserTime1	time	Custom, Open	User-defined time field for a volume.
UserTime10	time	Custom, Open	User-defined time field for a volume.
UserTime2	time	Custom, Open	User-defined time field for a volume.
UserTime3	time	Custom, Open	User-defined time field for a volume.
UserTime4	time	Custom, Open	User-defined time field for a volume.
UserTime5	time	Custom, Open	User-defined time field for a volume.
UserTime6	time	Custom, Open	User-defined time field for a volume.
UserTime7	time	Custom, Open	User-defined time field for a volume.
UserTime8	time	Custom, Open	User-defined time field for a volume.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
UserTime9	time	Custom, Open	User-defined time field for a volume.
VolumeSequenceNumber VOLSEQ	int	TMS	The volume sequence number of the volume.
VTV	bool	VTV	The volume is a Virtual Tape Volume (VTV), as reported by VSM.
VTVCompressionPercentage	int	VTV	This is the difference between the uncompressed and compressed VTV size expressed as a percentage of the uncompressed VTV size. For example, if a 100MB VTV compresses to 40MB, then the compression percentage will be given as 60%. A compression of 0% indicates that no compression was possible on the VTV.
VTVConsolidated	bool	VTV	Indicates whether a VTV is currently consolidated.
VTVDuplexed	bool	VTV	The VTV has at least 2 copies.
VTVFenced	bool	VTV	The VTV's state is unknown to VTSS.
VTVInitialized	bool	VTV	The VTV has been initialized by VTSS.
VTVInvalid VTVDEL VTVDELETED VTVINV	bool	VTV	The VTV is invalid in VSM.
VTVManagementClasses VTVMGMTCLAS VTVMGTCCLASS	char	VTV	The VSM management class for the VTV.
VTVMaximumSize	int	VTV	The maximum size of the VTV in megabytes.
VTVMigrated VTVMIG	bool	VTV	The VTV is migrated in VSM.
VTVMounted VTVMNTD	bool	VTV	The VTV is mounted according to VSM.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
VTVMVCID1	char	VTV	The MVC volser on which the VTV resides.
VTVMVCID2	char	VTV	The MVC volser on which a duplicate or consolidation copy of the VTV resides. Note: If the VTV is consolidated during an ExLM run, the value of this field will be updated after the consolidation is performed. The POSTACTION value will reflect the consolidation MVC for this VTV.
VTVMVCID3	char	VTV	The MVC volser on which a duplicate or consolidation copy of the VTV resides.
VTVMVCID4	char	VTV	The MVC volser on which a duplicate or consolidation copy of the VTV resides.
VTVNewCreate	bool	VTV	Indicates whether the VTV was newly created when it was last resident.
VTVRecallDate	date	VTV	Date VTV was recalled to the VTSS buffer.
VTVRecallTime	time	VTV	Time VTV was recalled to the VTSS buffer.
VTVReplicationStatus	char	VTV	Status of VTV replication. C Replication has completed. R Replication is required but not started S Replication has started
VTVResident	bool	VTV	Indicates whether a VTV is resident in a VTSS.
VTVScratch VTVSCR	bool	VTV	The VTV is scratch, as recorded by VSM.
VTVSizeCompressed	int	VTV	The actual compressed size of the VTV in megabytes.
VTVSizeUncompressed VTVMediaSize	int	VTV	The actual uncompressed size of the VTV in megabytes.
VTVTimesRead	int	VTV	The number of times the VTV has been read.

Table 1. ACTION Statement WHEN Fields

Field	Type	Source	Description
VTVUnavailable VTVUNAVAIL	bool	VTV	The VTV is unavailable because it is either mounted, resident, or fenced according to VSM.
VTVVTSS	char	VTV	The Virtual Tape SubSystem (VTSS) in which the VTV resides.
WrongScratchStatus WRNGSCRST	bool	ExLM	The scratch status indicator in the HSC CDS is incorrect. For volumes covered by HSCUNSCR (Explorer: "Set HSC-scratch indicators to OFF" on the Scratch tab of the Run object), the WrongScratchStatus flag indicates that the HSC UNSCRATCH request failed. For volumes not covered by HSCUNSCR, the WrongScratchStatus flag indicates that the scratch status recorded in the HSC CDS or in VSM does not agree with the scratch status in the TMS. This may occur for volumes when the Sync or SyncVTV option (Explorer: Sync tab of Run object) is not in effect or when the associated synchronization request fails. The ExLM log file contains a message for each request failure. ExLM does not set the WrongScratchStatus flag for volumes that are scratch in the TMS but are not scratch in the HSC or in VSM if they are in use at the time ExLM attempts the unscratch operation. This is a normal situation that can occur between the time a tape is allocated and the time it is put back in a cell.

SET METHOD Statement WHEN Fields

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
BAAbdflg	char	TLMS	TLMS-specific abend flag.
BAAActive	int	TLMS	TLMS-specific active file count.
BAAscbse	char	TLMS	TLMS-specific associated base.
BAAscvol	char	TLMS	TLMS-specific associated volume.
BABlkent	int	TLMS	TLMS-specific block count.
BABlksiz	int	TLMS	TLMS-specific block size.
BABuydat	date	TLMS	TLMS-specific purchase date.
BACdsexp	date	TLMS	TLMS-specific highest IBM expiration date on volume.
BACdsflg	char	TLMS	TLMS-specific controlling data set flag.
BACdskep	date	TLMS	TLMS-specific highest keep date on volume.
BACdsseq	int	TLMS	TLMS-specific controlling data set sequence number.
BACHnvol	char	TLMS	TLMS-specific 1st volume in chain.
BACKptkn	char	TLMS	TLMS-specific check point taken (Y=Yes; B=No).
BAClnent	int	TLMS	TLMS-specific cleanings since certified.
BAClnat	date	TLMS	TLMS-specific clean date.
BACpusmf	char	TLMS	TLMS-specific creation CPU SMF ID.
BACredat	date	TLMS	TLMS-specific create date.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
BACreddn	char	TLMS	TLMS-specific creation ddname.
BACredev	char (alternate)	TLMS	TLMS-specific creation drive.
BACrejob	char	TLMS	TLMS-specific creation jobname.
BACrepgm	char	TLMS	TLMS-specific creation program name.
BACrestp	char	TLMS	TLMS-specific creation stepname.
BACretim	time	TLMS	TLMS-specific time of day the volume was created.
BACrtcnt	int	TLMS	TLMS-specific total certifications.
BACrtdat	date	TLMS	TLMS-specific certification date.
BADamcde	char	TLMS	TLMS-specific damaged code.
BADen	char	TLMS	TLMS-specific density.
BADescde	char	TLMS	TLMS-specific destroyed code.
BADesdat	date	TLMS	TLMS-specific destroyed date.
BADsn	char	TLMS	TLMS-specific data set name.
BAErgent	int	TLMS	TLMS-specific current erase gaps on volume.
BAErgmax	int	TLMS	TLMS-specific max erase gaps on volume.
BAExpdat	date	TLMS	TLMS-specific IBM expiration date for data set.
BAFilcnt	int	TLMS	TLMS-specific file count.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
BAFileseq	int	TLMS	TLMS-specific file sequence in chain.
BAFlg001	int	TLMS	TLMS-specific reserved for CA-1 FLG001.
BAFlg003	int	TLMS	TLMS-specific reserved for CA-1 FLG003.
BAFlg004	int	TLMS	TLMS-specific reserved for CA-1 FLG004.
BAFlg005	int	TLMS	TLMS-specific reserved for TLMS FLG005.
BAFlg006	int	TLMS	TLMS-specific reserved for TLMS FLG006.
BAKepdat	date	TLMS	TLMS-specific keep date for data set.
BALabtyp	char	TLMS	TLMS-specific label type.
BALasdat	date	TLMS	TLMS-specific last used date.
BALasdev	char (alternate)	TLMS	TLMS-specific last used drive.
BALasjob	char	TLMS	TLMS-specific last used jobname.
BALoc	char	TLMS	TLMS-specific volume location.
BALoscde	char	TLMS	TLMS-specific lost code.
BAMds1st	char (alternate)	TLMS	TLMS-specific multi-dataset first chain pointer.
BAMdslst	char (alternate)	TLMS	TLMS-specific multi-dataset last chain pointer.
BAMovdat	date	TLMS	TLMS-specific date volume moved.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
BAMvlcnt	int	TLMS	TLMS-specific count of volumes in BAMvltab.
BAMvlseq1	int	TLMS	TLMS-specific multi-volume sequence number 1.
BAMvlseq2	int	TLMS	TLMS-specific multi-volume sequence number 2.
BAMvlseq3	int	TLMS	TLMS-specific multi-volume sequence number 3.
BAMvlseq4	int	TLMS	TLMS-specific multi-volume sequence number 4.
BAMvlseq5	int	TLMS	TLMS-specific multi-volume sequence number 5.
BAMvlvol1	char	TLMS	TLMS-specific multi-volume chain serial number 1.
BAMvlvol2	char	TLMS	TLMS-specific multi-volume chain serial number 2.
BAMvlvol3	char	TLMS	TLMS-specific multi-volume chain serial number 3.
BAMvlvol4	char	TLMS	TLMS-specific multi-volume chain serial number 4.
BAMvlvol5	char	TLMS	TLMS-specific multi-volume chain serial number 5.
BAOutsrv	char	TLMS	TLMS-specific out of service code. Contains BALoscde, BADamcde, and BADescde.
BARecsiz	int	TLMS	TLMS-specific logical record length.
BARederr	int	TLMS	TLMS-specific current temporary read errors.
BARfm	char	TLMS	TLMS-specific record format.
BARtncnt1	int	TLMS	TLMS-specific retention count for retention entry 1.
BARtncnt2	int	TLMS	TLMS-specific retention count for retention entry 2.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
BARtncnt3	int	TLMS	TLMS-specific retention count for retention entry 3.
BARtncnt4	int	TLMS	TLMS-specific retention count for retention entry 4.
BARtncnt5	int	TLMS	TLMS-specific retention count for retention entry 5.
BARtncnt6	int	TLMS	TLMS-specific retention count for retention entry 6.
BARtndev	char	TLMS	TLMS-specific box or cabinet/slot.
BARtnLoc1	char	TLMS	TLMS-specific user retention location for retention entry 1.
BARtnLoc2	char	TLMS	TLMS-specific user retention location for retention entry 2.
BARtnLoc3	char	TLMS	TLMS-specific user retention location for retention entry 3.
BARtnLoc4	char	TLMS	TLMS-specific user retention location for retention entry 4.
BARtnLoc5	char	TLMS	TLMS-specific user retention location for retention entry 5.
BARtnLoc6	char	TLMS	TLMS-specific user retention location for retention entry 6.
BARtnptr	char	TLMS	TLMS-specific offset of active retention entry.
BARtnsrc	char	TLMS	TLMS-specific retention source. ' ' (blank) = No retention data; '1' = From RMF; '2' = From JCL; '3' = From manual update.
BARtntyp1	char	TLMS	TLMS-specific user retention type for retention entry 1. '1' = Catalog control; '2' = Date control; '3' = Catalog and age; '4' = Cycle control; '5' = Age; '6' = Move immediate control; '7' = Manual control; '8' = Days since last used; '9' = Expiration date.
BARtntyp2	char	TLMS	TLMS-specific user retention type for retention entry 2. '1' = Catalog control; '2' = Date control; '3' = Catalog and age; '4' = Cycle control; '5' = Age; '6' = Move immediate control; '7' = Manual control; '8' = Days since last used; '9' = Expiration date.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
BARntyp3	char	TLMS	TLMS-specific user retention type for retention entry 3. '1' = Catalog control; '2' = Date control; '3' = Catalog and age; '4' = Cycle control; '5' = Age; '6' = Move immediate control; '7' = Manual control; '8' = Days since last used; '9' = Expiration date.
BARntyp4	char	TLMS	TLMS-specific user retention type for retention entry 4. '1' = Catalog control; '2' = Date control; '3' = Catalog and age; '4' = Cycle control; '5' = Age; '6' = Move immediate control; '7' = Manual control; '8' = Days since last used; '9' = Expiration date.
BARntyp5	char	TLMS	TLMS-specific user retention type for retention entry 5. '1' = Catalog control; '2' = Date control; '3' = Catalog and age; '4' = Cycle control; '5' = Age; '6' = Move immediate control; '7' = Manual control; '8' = Days since last used; '9' = Expiration date.
BARntyp6	char	TLMS	TLMS-specific user retention type for retention entry 6. '1' = Catalog control; '2' = Date control; '3' = Catalog and age; '4' = Cycle control; '5' = Age; '6' = Move immediate control; '7' = Manual control; '8' = Days since last used; '9' = Expiration date.
BAScrdat	date	TLMS	TLMS-specific date volume scratched.
BAScruid	char	TLMS	TLMS-specific scratched by ID. '1' = TRS; '2' = JCL; '3' = Manual; '4' = External data manager.
BaseName	char	TMS	The controlling data set name of the volume. If the data set is a member of a Generation Data Group, only the base name (no .GnnnnVnn) is included.
BASmsgt	char	TLMS	TLMS-specific SMS management class
BASpcchn	char	TLMS	TLMS-specific special chaining (chained for moves).
BASpnflg	char	TLMS	TLMS-specific spanned data set flag (1=spanned).
BASrvscr	char	TLMS	TLMS-specific service/scratch indicator. '0' = Skipped segment record; '1' = In service/Non scratch; '2' = In service/Scratch; '3' = Out service/Non scratch; '4' = Out Service/Scratch.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
BATaplen	int	TLMS	TLMS-specific tape length.
BATapmod	char	TLMS	TLMS-specific track recording technique.
BATaptyp	char	TLMS	TLMS-specific tape type.
BATrspro	char	TLMS	TLMS-specific TRS has processed this volume.
BAUnisrt	int	TLMS	TLMS-specific sort unique code.
BAUsebuy	int	TLMS	TLMS-specific uses since purchased.
BAUsecln	int	TLMS	TLMS-specific uses since cleaned.
BAUsecert	int	TLMS	TLMS-specific uses since certified.
BAUsr001	char	TLMS	TLMS-specific user data. (Defaults to job accounting - TCB).
BAUsr002	char	TLMS	TLMS-specific user data. (Defaults to programmer name - TCB).
BAUsr003	char	TLMS	TLMS-specific user data area.
BAVender	char	TLMS	TLMS-specific user updated manufacturer code.
BAVol1st	char (alternate)	TLMS	TLMS-specific multi-volume first volume serial number pointer.
BAVolcnt	int	TLMS	TLMS-specific volume count.
BAVollst	char (alternate)	TLMS	TLMS-specific multi-volume last chain pointer.
BAVolown	char	TLMS	TLMS-specific volume owner.
BAVolseq	int	TLMS	TLMS-specific volume sequence number.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
BAVolser	char	TLMS	TLMS-specific volume serial number
Classification CLS	char (alternate)	HSC, MVC, TMS, VTV	Classification of the volume. BadScratch Volumes marked defective and scratch in TMS Clean Expired Volumes with the HSC cleaning prefix Volumes marked not scratch and expired in TMS NonScratch Volumes not scratch, badscratch, expired, or clean Scratch Volumes available for receiving new tape data sets
Copy	int	TMS	Copy number of the volume. A value of 1 refers to the most recently created copy of the data set according to the tape management system, 2 refers to the next most recently created copy, and so on.
CreatingTMS Drive CTDRIVE	char (alternate)	TMS	The unit address of the tape drive on which the tape data set was created, printed as a hexadecimal character string.
CreationDate CDATE	date	MVC, TMS, VTV	The date the volume was created. The first available field of the following determines the creation date: CreationTMSDate, CreationVTVDate, CreationMVCDate.
CreationJobName CJOBNAME JOBNAME	char	TMS	The JCL job name that created the volume.
CreationMVC Date CMDATE	date	MVC	The date the volume was created as recorded by VSM.
CreationMVC Time CMTIME	time	MVC	The time of day the volume was created as recorded by VSM.
CreationStep Name CSTEPNAME STEPNAME	char	TMS	The JCL step name that created the volume.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
CreationTime CTIME	time	MVC, TMS, VTV	The time of day the volume was created. The first available field of the following determines the creation time: CreationTMSTime, CreationVTVTime, CreationMVCTime.
CreationTMS Date CTDATE	date	TMS	The date the volume was created as recorded in the associated tape management system.
CreationTMS Time CTTIME	time	TMS	The time of day the volume was created as recorded in the associated tape management system.
CreationVTV Date CVDATE	date	VTV	The date the volume was created as recorded by VSM.
CreationVTV Time CVTIME	time	VTV	The time of day the volume was created as recorded by VSM.
CTAccount	char	ControlT	Control-T-specific accounting information
CTActiveds	int	ControlT	Control-T-specific number of active labels on volume.
CTBlksize	int	ControlT	Control-T-specific block size.
CTBlockct	int	ControlT	Control-T-specific block count.
CTBoxid	char	ControlT	Control-T-specific box ID.
CTChkindt	date	ControlT	Control-T-specific volume check-in date.
CTCIncount	int	ControlT	Control-T-specific clean count
CTCrecpu	char	ControlT	Control-T-specific creation CPU name.
CTCreddn	char	ControlT	Control-T-specific creation DD name.
CTCredt	date	ControlT	Control-T-specific creation date.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
CTCrejbn	char	ControlT	Control-T-specific creation job name.
CTCrepgm	char	ControlT	Control-T-specific creation program name.
CTCrestep	char	ControlT	Control-T-specific creation stepname.
CTCretm	time	ControlT	Control-T-specific creation time
CTCruad	char (alternate)	ControlT	Control-T-specific creation unit address.
CTDdsexpd1	date	ControlT	Control-T-specific first expiration date.
CTDdsexpd2	date	ControlT	Control-T-specific second expiration date.
CTDdsexpd3	date	ControlT	Control-T-specific third expiration date.
CTDeleted	bool	ControlT	Control-T-specific volume marked as deleted.
CTDpname	char	ControlT	Control-T-specific data set name.
CTDsvolser	char	ControlT	Control-T-specific first data set begins on volume.
CTDyndef	bool	ControlT	Control-T-specific volume dynamically added.
CTEdm	bool	ControlT	Control-T-specific volume managed by an External Data Manager.
CTExprrtn	date	ControlT	Control-T-specific expected return date from out location.
CTExtndel	bool	ControlT	Control-T-specific volume will be deleted when expired.
CTExternal	bool	ControlT	Control-T-specific external volume.
CTFirstvol	char	ControlT	Control-T-specific first volume in the multi-volume group.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
CTHold	bool	ControlT	Control-T-specific volume is in the main library due to recall operation.
CTInatl	bool	ControlT	Control-T-specific volume resides inside a robotic tape library.
CTInuse	bool	ControlT	Control-T-specific volume currently in use.
CTIoerprm	int	ControlT	Control-T-specific permanent read errors.
CTIoerprmc	int	ControlT	Control-T-specific permanent read errors since last clean.
CTIoertmp	int	ControlT	Control-T-specific temporary read errors.
CTIoertmpc	int	ControlT	Control-T-specific temporary read errors since last clean
CTIoewprm	int	ControlT	Control-T-specific permanent write errors.
CTIoewprmc	int	ControlT	Control-T-specific permanent write errors since last clean.
CTIoewtmp	int	ControlT	Control-T-specific temporary write errors.
CTIoewtmpc	int	ControlT	Control-T-specific temporary write errors since last clean.
CTLaccdt	date	ControlT	Control-T-specific last access job date.
CTLaccjbn	char	ControlT	Control-T-specific last job name that accessed the volume.
CTLacctm	time	ControlT	Control-T-specific last access job time.
CTLblnum	int	ControlT	Control-T-specific highest label number on volume.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
CTLbltyp	char	ControlT	Control-T-specific label type AL AUL BLP NL NSL SL SUL
CTLclndt	date	ControlT	Control-T-specific last clean date.
CTLlibrary	char	ControlT	Control-T-specific robotic tape library name.
CTLlocation	char	ControlT	Control-T-specific current location of volume.
CTLocseq	int	ControlT	Control-T-specific current vault sequence number.
CTLrecl	int	ControlT	Control-T-specific record length.
CTManvlt	bool	ControlT	Control-T-specific volume manually moved to vault.
CTMedia	char	ControlT	Control-T-specific media name
CTMovedate	date	ControlT	Control-T-specific move date.
CTNextvol	char	ControlT	Control-T-specific next volume in the multi-volume group.
CTNostack	bool	ControlT	Control-T-specific volume cannot be a candidate for dynamic stacking.
CTOut	bool	ControlT	Control-T-specific volume outside the main library.
CTPendscr	bool	ControlT	Control-T-specific pending scratch status.
CTPendvlt	bool	ControlT	Control-T-specific pending vault.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
CTPrevvol	char	ControlT	Control-T-specific previous volume in the multi-volume group.
CTPvlt	bool	ControlT	Control-T-specific potential vault.
CTRecall	bool	ControlT	Control-T-specific volume will recall back to main library.
CTRecfm	char	ControlT	Control-T-specific record format. A B D F FB FBA FBM FBS M S U V VB VBA VBM VBS VS
CTRecfrom	char	ControlT	Control-T-specific vault name recalled from.
CTRecreate	bool	ControlT	Control-T-specific dataset recreated.
CTReturnvl	bool	ControlT	Control-T-specific volume returned from vault.
CTRetvltdt	date	ControlT	Control-T-specific date to return to vault.
CTScratch	bool	ControlT	Control-T-specific volume scratch status.
CTScrdt	date	ControlT	Control-T-specific volume scratch date.
CTSlname	char	ControlT	Control-T-specific SL name.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
CTSslotnum	int	ControlT	Control-T-specific slot number
CTSmsmc	char	ControlT	Control-T-specific SMS management class.
CTSmsg	char	ControlT	Control-T-specific SMS storage group.
CTVabend	bool	ControlT	Control-T-specific incomplete data set on volume.
CTVault	char	ControlT	Control-T-specific first vault name.
CTVault2	char	ControlT	Control-T-specific second vault name.
CTVault3	char	ControlT	Control-T-specific third vault name.
CTVaulted	bool	ControlT	Control-T-specific vaulted.
CTVendor	char	ControlT	Control-T-specific volume's vendor name
CTVformat	char	ControlT	Control-T-specific volume format
CTVfreekb	int	ControlT	Control-T-specific free kilo-bytes on volume.
CTVlrstrt	bool	ControlT	Control-T-specific volume processed under MVS restart.
CTVlntentdt	date	ControlT	Control-T-specific vault entry date.
CTVltexpdt	date	ControlT	Control-T-specific vault expiration date.
CTVoledmid	char	ControlT	Control-T-specific volume's External Data Manager ID.
CTVolexcp	int	ControlT	Control-T-specific EXCP Count
CTVolexpd	date	ControlT	Control-T-specific volume expiration date.
CTVolodesc	char	ControlT	Control-T-specific volume user description.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
CTVolowner	char	ControlT	Control-T-specific volume owner
CTValseq	int	ControlT	Control-T-specific volume sequence number in a multi-volume group.
CTVolser	char	ControlT	Control-T-specific volume serial number.
CTVolsnum	int	ControlT	Control-T-specific number volumes data set resides on.
CTVoltype	char	ControlT	Control-T-specific volume type. L P
CTVolusect	int	ControlT	Control-T-specific volume use count since last scratch.
CTVolusetc	int	ControlT	Control-T-specific volume use count.
CTVstkgrp	char	ControlT	Control-T-specific stacking group name.
CTVusedkb	int	ControlT	Control-T-specific Used kilo-bytes on volume.
CycleDate CYDATE	date	TMS	The date used by ExLM for CYCLESOON processing. If missing, ExLM does not perform CYCLESOON processing on this volume.
DataSetIdentifier DSID	char	TMS	The most specific matching data set identifier found for the data set name on the Data Set tab of the Methods folder (Explorer) or a DATASET statement (Parameter File).
DataSetName DSN	char	TMS	The controlling data set name of the volume. If the data set is a member of a Generation Data Group, the .GnnnnVnn qualifier is included.
DaysSinceCreation CDAYS	int	MVC, TMS, VTV	The number of days since the data set was created. The first available field of the following determines the days since creation: DaysSinceCreationTMS, DaysSinceCreationMVC, DaysSinceCreationVTV.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
DaysSinceCreationMVC CMDAYS	int	MVC	The number of days since the data set was created as recorded by VSM.
DaysSinceCreationTMS CTDAYS	int	TMS	The number of days since the data set was created as recorded in the associated tape management system.
DaysSinceCreationVTV CVDAYS	int	VTV	The number of days since the data set was created as recorded by VSM.
DaysSinceEnter EDAYS	int	HSC	The number of days since the volume was entered into an LSM. If all volumes of a multi-volume data set are covered by the same Management Method, the most recent enter day for any volume is used by ExLM for all volumes in the multi-volume data set.
DaysSinceLocation LDAYS LOCDAYS	int	TMS	The number of days since the tape was moved to a tape storage location.
DaysSinceMount MDAYS	int	HSC	The number of days since the HSC last mounted the volume.
DaysSinceReferenceMVC RMDAYS	int	MVC	The number of days since reference as recorded by VSM for an MVC (Multiple Volume Cartridge)
DaysSinceReferenceTMS RTDAYS	int	TMS	The number of days since reference as recorded in the associated tape management system for volumes being treated as a unit (Multi-volume support).
DaysSinceReferenceVTV RVDAYS	int	VTV	The number of days since reference as recorded by VSM for a VTV (Virtual Tape Volume)
DaysSinceSelect SDAYS	int	HSC	The number of days since the volume was selected by the HSC.
DaysTillCycle CYDAYS DAYSTILLE XPIRE XDAYS	int	TMS	The number of days ExLM uses for CYCLESOON processing. If missing, ExLM will not perform CYCLESOON processing on this volume.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
Deleted	bool	TMS	The volume is marked deleted in the tape management system. Note: The value of this field is false for all volumes known to ExLM unless: Explorer: The checkbox on the Deleted tab of the TMS object is not checked; Parameter File: the NODELETECHECK parameter is specified on the TMS statement.
EnterDate ENDATE	date	HSC	The date the volume was entered into an LSM. If all volumes of a multi-volume data set are covered by the same Management Method, the most recent enter date of any volume is used by ExLM for all volumes in the multi-volume data set.
EnterTime ENTIME	time	HSC	The time of day the volume was entered.
Errant	bool	HSC	The HSC has marked this volume errant. Requires HSC PTF L1H10CC (HSC 4.0) or L1H10CE (HSC 4.1) to produce accurate information.
ExLblReadabl e EXLBLRD	bool	HSC	The cartridge external label is OCR readable.
ExpireDate EXPDT XDATE	date	TMS	The date the volume will expire based on the expiration date in the tape management system. Special expire dates are: AGE/nnn - Expires nnn days from create or move date; CATLG - Expires when the data set name no longer exists in the MVS system catalog, regardless of the keep date; CATLG/nnn - Expires nnn days after creation and the data set no longer resides in the MVS catalog; CYCLE/nnn - Oldest data set expires after nnn cycles; FOREIGN - Foreign volume; LDATE/nnn - Expires nnn days after last used; MSG/nnn - TMS user-defined; PERM - Never expires; STATS/nnn - Never expires; USER/nnn - Never expires; ZEROS - CA-TLMS value was zeros; Julian date - Expires on the julian date.
ExternalLabel EXLBL	bool	HSC	The cartridge has an external label.
ExternallyMa naged EXTERNAL	bool	TMS	The volume is defined to the tape management system, but its use is controlled by some other software system.
GDG	bool	TMS	The volume is a member of a Generation Data Group.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
GDGWrap	bool	TMS	The volume is a member of a Generation Data Group where the Gnnnn number has wrapped from 9999 to 0001.
Generation GEN	int	TMS	The relative generation number + 1, based on the tape management system.
HoursSinceCr eationVTV CVHOURS	int	VTV	The number of hours since creation as recorded by VSM for a VTV (Virtual Tape Volume).
HoursSinceRe ferenceVTV RVHOURS	int	VTV	The number of hours since reference as recorded by VSM for a VTV (Virtual Tape Volume).
InitialACSID IACSID	char (alternat e)	HSC, MVC	The ACS ID in which the volume resided at the beginning of the ExLM run.
InitialLSMCe ll ILSMCELL	char (alternat e)	HSC	The coordinates of the LSM Cell where the volume resided at the beginning of the ExLM run.
InitialLSMCo lumn ILSMCOL	int	HSC	The LSM Column number where the volume resided at the beginning of the ExLM run.
InitialLSMGr oup ILSMGRP	char (alternat e)	ExLM	The name of the LSM Group where the volume resided at the beginning of the ExLM run.
InitialLSMID ILSMID	char (alternat e)	HSC, MVC	The LSM ID where the volume resided at the beginning of the ExLM run.
InitialLSMNa me ILSMNAME	char (alternat e)	ExLM	The Name of the LSM where the volume resided at the beginning of the ExLM run.
InitialLSMPa nel ILSMPNL	int	HSC	The LSM Panel number where the volume resided at the beginning of the ExLM run.
InitialLSMPa nelFrozen ILSMPNLFZ	bool	HSC	The volume resided in a frozen panel at the beginning of the ExLM run.
InitialLSMRo w ILSMROW	int	HSC	The LSM Row number where the volume resided at the beginning of the ExLM run.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
InTMS	bool	TMS	The volume is in a tape management system defined to ExLM.
LastUsedTM SDrive LUTDRIVE	char (alternate)	TMS	The unit address of the tape drive on which the tape was last used, printed as a hexadecimal character string.
LocationCode LOCCODE	char	TMS	The identifier assigned to a tape volume by the tape management system to identify the intended storage location for that volume.
LocationDate LDATE LOCDATE	date	TMS	The date the volume was moved to the tape management system's tape storage location.
LocationName LOCNAME	char (alternate)	ExLM	The name of the tape storage location. Location Names are not defined to the tape management system, but are assigned by ExLM from tape management system information as specified by: Explorer: the Location object Codes tab; Parameter File: the Location statement Code parameter.
Management Class MGMTCLAS	char (alternate)	TMS	The name of the SMS Management Class for the volume.
MaxUseCount	int	HSC	The maximum usage for a cleaning cartridge set by the VOLATTR Maxclean or MNTD Maxclean value.
MediaSource MEDIAS	char (alternate)	ExLM	The source of information used to determine the volume's MediaType value. DFLT The media type defaulted to Standard. HSCCDS The HSC Control Data Set. VOLDEF The VOLATTR statements contained in the file identified by the HSC VOLDEF parameter. VSMVTV VSM Virtual Tape Volume information.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
MediaType MEDIA MEDIAT	char (alternate)	HSC, MVC, VTV	The media type of the volume. DD3A 10 Gb capacity helical cartridge. DD3B 25 Gb capacity helical cartridge. DD3C 50 Gb capacity helical cartridge. DD3D Cleaning cartridge for helical drives. ECART Enhanced Capacity tape (3490). JCART EE-tape media. Long 3490E extended capacity cartridge. LTO-100G LTO 100GB capacity cartridge. LTO-10G LTO 10GB capacity cartridge. LTO-200G LTO 200GB capacity cartridge. LTO-35G LTO 35GB capacity cartridge. LTO-400G LTO 400GB capacity cartridge. LTO-50G LTO 50GB capacity cartridge. LTO-CLN1 LTO cleaning type 1 cartridge. LTO-CLN2 LTO cleaning type 2 cartridge. LTO-CLNU LTO universal cleaning cartridge. SDLT Super DLT cartridge. SDLT-2 Super DLT model 2 cartridge. Standard Standard length 3480 cartridge. STK1R 9840 data cartridge. STK1U Cleaning cartridge for 9840 transports. STK2P T9940A data cartridge. STK2W Cleaning cartridge for T9940 transports. T10000CT Titanium cleaning cartridge. T10000T1 Titanium full capacity cartridge. T10000TS Titanium "sport" cartridge. VIRTUAL Virtual Tape Volume (VTV) in the StorageTek Virtual Storage Manager system. ZCART 9490EE ZCART media cartridge.
MethodName METHOD MTH MTHNAME	char (alternate)	ExLM	The name of the Management Method assigned to this volume.
MountDate MDATE	date	HSC	The date the volume was last mounted in an LSM.
Mounted	bool	HSC	The volume is currently mounted.
MountTime MTIME	time	HSC	The time of day the volume was last mounted in an LSM.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
MVC	bool	MVC	The volume is a Multiple Volume Cartridge for VSM.
MVCAudit	bool	MVC	The MVC is either being audited or the audit failed. If the audit failed, VTCS will not use the MVC for migration. To clear this condition, rerun the AUDIT against this MVC.
MVCAvailable MVCAVAIL	int	MVC	The percentage of the MVC available for use.
MVCBroken	bool	MVC	The MVC has an error that should be investigated. The error might not make the MVC unusable, but VTCS does not select the MVC for migration for 12 hours after this status has been set to true. After the 12 hour period, the MVC is least preferred for subsequent migrations, and recalls from the MVC can cause VTCS to drain it. This error condition can be accompanied by messages SLS6686, SLS6687, SLS6688, SLS6690 and/or SLS6693. Any of the following conditions can cause this MVC error: MVC corrupted by another job (other than VTCS/VTSS). Attempt to use a read-only MVC for migration. A DDR swap failure. An RTD failure.
MVCConsolidateDate	date	MVC	The date on which the MVC was consolidated as recorded by VSM.
MVCConsolidateTime	time	MVC	For a consolidation MVC, this field displays the time of the consolidation.
MVCConsolidation	bool	MVC	The MVC is a consolidation MVC.
MVCDataCheck	bool	MVC	A data check was reported for this MVC. VSM will not use this MVC again for migration.
MVCDrained	bool	MVC	The MVC is being drained because of one of: 1) an automatic drain or demand reclaim. 2) an explicit MVCDRAIN command, 3) The previous DRAIN request failed, in which case VTCS will not use the MVC for migration. To clear this condition, enter MVCDRAIN against MVC without the EJECT option.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
MVCEject	bool	MVC	The MVC is in the process of eject either because you issued MVCDRainEject or the MVC was ejected for update by a RACROUTE call. The MVC will not be used again for migration or recall. To clear this condition, use MVCDRain against MVC without the Eject option.
MVCExport	bool	MVC	The MVC is an export MVC.
MVCFragmented MVCFRAG	int	MVC	The percentage of the MVC that is not available due to fragmentation.
MVCFull	bool	MVC	There is no space available on the MVC.
MVCInitialized	bool	MVC	The MVC has been initialized.
MVCInUse	int	MVC	The percentage of the MVC used by valid Virtual Tape Volumes.
MVCInvalidMIR	bool	MVC	The MVC has an invalid MIR.
MVCLost	bool	MVC	The MVC was not mounted in response to the last mount request. The MVC can still be used for migration, but will not select the MVC for migration for 12 hours after it is marked lost. After the 12 hour period, the MVC will be least preferred. This condition will clear itself the next time that the MVC is mounted.
MVCMaximumReached	bool	MVC	The MVC has reached the maximum VTVs per MVC.
MVCMediaSize	int	MVC	The size in MB of the MVC. This is determined only after VTCS has used an MVC. "UNKNOWN" appears in this field until VTCS migrates a VTV to the MVC.
MVCMountDate	date	MVC	The date on which the MVC was mounted, as recorded by VTSS.
MVCMountTime	time	MVC	The time the MVC was last mounted, as recorded by VTSS.
MVCReadOnly	bool	MVC	The MVC has been marked read-only.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
MVCRetired	bool	MVC	The MVC is retired.
MVCStorage Class MVCSTORC LASS	char	MVC	The VTCS Storage Class for the volume.
MVCUsableF orMigration	bool	MVC	Indicates whether the MVC can be used for migration.
MVCUsed MVCTimesM ounted	int	MVC	The number of times the MVC has been mounted.
MVCVTSS	char	MVC	VTSS name where the MVC was last used.
MVCVTVCo unt MVCVTVCN T	int	MVC_VT V	The number of valid Virtual Tape Volumes on the MVC.
Notuseable NOUSE	bool	HSC	The HSC has marked this volume as not useable.
OnPullList ONPL	bool	ExLM	The volume is on a Pull List.
OverMaxClea n OverHSCMA XCLN	bool	HSC	The cleaning cartridge has exceeded its maximum usage count.
PermanentRe adErrors	int	TMS	The number of permanent read errors for the volume.
PermanentWri teErrors	int	TMS	The number of permanent write errors for the volume.
PullListName PLNAME	char (alternat e)	ExLM	The name of the Pull List for the volume.
RECTECH	char	HSC	The recording technique for the volume.
ReferenceMV CDate RMDATE	date	MVC	The date on which the MVC was last referenced, as recorded by VSM.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
ReferenceTM SDate RTDATE	date	TMS	The date of the last reference, as recorded in the associated tape management system, for volumes being treated as a unit (Multi-volume support).
ReferenceVT VTime RVTIME	time	VTV	The time of day the volume was last referenced, as recorded by VSM.
RunName	char (alternate)	ExLM	The name of the Run object from the JCL EXEC statement Run PARM.
RunType	char (alternate)	ExLM	The RunType from the JCL EXEC statement RunType PARM.
SelectDate SDATE	date	HSC	The date the volume was last selected in an LSM.
Selected	bool	HSC	The volume is currently selected.
SelectTime STIME	time	HSC	The time of day the volume was selected by the HSC.
Serial SER VOL VOLSER VOLUME	char	HSC, MVC, TMS, VTV	The 6-character identifier of a tape volume.
Serial1 SER1	char	TMS	The 6-character identifier of the first volume of the volume set associated with this volume.
Subpool SP	char (alternate)	ExLM	The name of the Subpool managing a group of volume serial numbers. This is defined in the ExLM Subpool object (Explorer) or Subpool statement (Parameter File).
SubpoolId SPID	char (alternate)	HSC	Volume subpool ID from the HSC. This will be the 13-character name of the pool if using HSC SCRPOOL statements, or the 3-digit subpool index number if using SLSUX03.
SubpoolLabel Type SPLBLTYP	char (alternate)	HSC	Volume subpool label type from the HSC.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
TapeGroup TG	char (alternate)	ExLM	The name of the tape group of a volume. Explorer: This is defined on the Media tab of the Subpool object. Parameter File: This is defined in the Media parameter of the Subpool statement.
TemporaryReadErrors	int	TMS	The number of temporary read errors for the volume.
TemporaryWriteErrors	int	TMS	The number of temporary write errors for the volume.
TM#Dsnbs	int	CA1	CA-1-specific number of data set name blocks.
TM128trk	bool	CA1	CA-1-specific recording technique. x'E8' indicates Trk 3590 cartridge tape.
TM18trk	bool	CA1	CA-1-specific recording technique. x'C0' indicates 3480 cartridge tape - 18 tracks.
TM3590	bool	CA1	CA-1-specific recording density. x'E8' indicates 3590 cartridge tape.
TM36Trk	bool	CA1	CA-1-specific recording technique. x'E0' indicates 3490 cartridge tape - 36 tracks.
TM36trk2	bool	CA1	CA-1-specific recording technique. x'E1' indicates 3490E cartridge tape - 36 tracks (extended length).
TM38000	bool	CA1	CA-1-specific recording density. x'E3' indicates 38K bpi (cartridge).
TM38KC	bool	CA1	CA-1-specific recording density. x'E7' indicates 38K bpi (cartridge-compacted).
TM9trk	bool	CA1	CA-1-specific recording technique. x'80' indicates nine track tape.
TMAbend	bool	CA1	CA-1-specific internal flag bit x'10'. Volume closed by abend.
TMActvl1	char	CA1	CA-1-specific actual internal volser

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
TMActvl2	char	CA1	CA-1-specific actual internal volser
TMAcvoli	bool	CA1	CA-1-specific internal flag4 bit x'40'. Actual volser in use.
TMAdsnb	int	CA1	CA-1-specific address (relative to BASE in TMSCTL#2) of first DSNB record associated with this volume record.
TMAldsnb	int	CA1	CA-1-specific address (relative to BASE in TMSCTL#2) of last DSNB record associated with this volume record.
TMB1Dis	int	CA1	CA-1-specific B1 security disclosure label.
TMB1Int	int	CA1	CA-1-specific B1 security integrity label.
TMBadtap	bool	CA1	CA-1-specific internal flag3 bit x'80'. CA-9/R+ indicated bad tape, do not mount for scratch.
TMBlkent	int	CA1	CA-1-specific data set block count.
TMBlksi	int	CA1	CA-1-specific maximum block size.
TMBthdt	date	CA1	CA-1-specific date tape was first used.
TMCatlog	bool	CA1	CA-1-specific internal flag2 bit x'80'. Data set was on MVS catalog.
TMClean	bool	CA1	CA-1-specific internal flag bit x'08'. Volume listed to be cleaned.
TMClnent	int	CA1	CA-1-specific number of times tape cleaned.
TMClosed	bool	CA1	CA-1-specific internal flag bit x'40'. Volume closed normally.
TMCpgm	char	CA1	CA-1-specific creating program name.
TMCrtdt	date	CA1	CA-1-specific creation date.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
TMCrtti	time	CA1	CA-1-specific creation time.
TMCruni	char (alternate)	CA1	CA-1-specific address of creation unit.
TMDatcln	date	CA1	CA-1-specific date tape was last cleaned.
TMDdname	char	CA1	CA-1-specific creating ddname.
TMDegau	bool	CA1	CA-1-specific internal flag4 bit x'10'. Tape has been degaussed.
TMDelet	bool	CA1	CA-1-specific internal flag bit x'02'. Volume in delete (inactive) status
TMDen	char (alternate)	CA1	CA-1-specific recording density.
TMDfault	bool	CA1	CA-1-specific internal flag bit x'01'. Volume eligible for RDS override.
TMDfexu	bool	CA1	CA-1-specific internal flag3 bit x'04'. Default expiration date used at open output.
TMDsn	char	CA1	CA-1-specific data set name.
TMDsn17	char	CA1	CA-1-specific last 17 bytes of dsn.
TMDynam	bool	CA1	CA-1-specific internal flag3 bit x'10'. Controlled by CA-DYNAM/T.
TMEcatlg	bool	CA1	CA-1-specific internal flag2 bit x'08'. Expired from catalog control (TMSCTLG).
TMEcycle	bool	CA1	CA-1-specific internal flag2 bit x'04'. Expired from cycle control (TMSCYCLE).

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
TMEdmid	char	CA1	CA-1-specific external data manager id.
TMEdmtap	bool	CA1	CA-1-specific internal flag3 bit x'20'. Controlled by external data manager.
TMEldate	bool	CA1	CA-1-specific internal flag bit x'02'. Expired from LDATE control (TMSCLEAN).
TMErase	bool	CA1	CA-1-specific internal flag3 bit x'08'. Data set erase required.
TMEsms	bool	CA1	CA-1-specific internal flag4 bit x'80'. Tape expired by SMS max retention rules.
TMEtms	bool	CA1	CA-1-specific internal flag bit x'01'. Expired by TMS.
TMExpdt	date	CA1	CA-1-specific expiration date.
TMFilcpy	bool	CA1	CA-1-specific internal flag3 bit x'01'. Created by CA-1/Copycat.
TMFlag1	char (alternate)	CA1	CA-1-specific internal flag byte.
TMFlag2	char (alternate)	CA1	CA-1-specific internal flag byte.
TMFlag3	char (alternate)	CA1	CA-1-specific internal flag byte.
TMFlag4	char (alternate)	CA1	CA-1-specific internal flag byte.
TMFlag5	char (alternate)	CA1	CA-1-specific internal flag byte.
TMFlag6	char (alternate)	CA1	CA-1-specific internal flag byte.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
TMFrsvol	char	CA1	CA-1-specific first volser of data set.
TMIntal	bool	CA1	CA-1-specific internal flag1 bit x'80'. Internal field changed by user.
TMInuse	bool	CA1	CA-1-specific internal flag4 bit x'02'. Tape is in use for RTS (Real Time Stacking).
TMIsctat	bool	CA1	CA-1-specific internal flag4 bit x'08'. File on OS catalog.
TMJobnm	char	CA1	CA-1-specific creating job name.
TMLasusd	date	CA1	CA-1-specific date last used.
TMLasusj	char	CA1	CA-1-specific job name which last used volume.
TMLasust	time	CA1	CA-1-specific time last used.
TMLpgm	char	CA1	CA-1-specific last used program name.
TMLrecl	int	CA1	CA-1-specific logical record length.
TMLtype	char	CA1	CA-1-specific tape label type. One of SL, SUL, NL, NSL, BLP, AL1, AU1, AL3, AU3.
TMNostak	bool	CA1	CA-1-specific internal flag4 bit x'01'. No further stacking allowed.
TMNrs	bool	CA1	CA-1-specific internal flag4 bit x'04'. Non-resident tape.
TMNxtVol	char	CA1	CA-1-specific next volser of data set.
TMOutar	char	CA1	CA-1-specific location id of out-of-area tape.
TMOutdat	date	CA1	CA-1-specific date tape was marked out-of-area.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
TMOutput	bool	CA1	CA-1-specific internal flag2 bit x'40'. Volume opened for output.
TMPrerrc	int	CA1	CA-1-specific number of permanent read errors since cleaned.
TMPrerri	int	CA1	CA-1-specific number of permanent read errors since initialized.
TMPrvvol	char	CA1	CA-1-specific previous volser of data set.
TMPwerre	int	CA1	CA-1-specific number of permanent write errors since cleaned.
TMPwerri	int	CA1	CA-1-specific number of permanent write errors since initialized.
TMRecfm	char	CA1	CA-1-specific record format. One of V, VA, VS, VB, VBM, VBA, VBS, F, FM, FA, FS, FB, FBM, FBA, FBS, U.
TMRedwd1	bool	CA1	CA-1-specific recording technique. x'E4' indicates Redwood 12.5G capacity.
TMRedwd2	bool	CA1	CA-1-specific recording technique. x'E5' indicates Redwood 25G capacity.
TMRedwd3	bool	CA1	CA-1-specific recording technique. x'E6' indicates Redwood 50G capacity.
TMRelevm	bool	CA1	CA-1-specific internal flag3 bit x'40'. Tape released by external vault manager.
TMReuse	bool	CA1	CA-1-specific internal flag2 bit x'20'. Data set recreated.
TMRobid	int	CA1	CA-1-specific robotic device indicator.
TMRobty	int	CA1	CA-1-specific tape in robotic device.
TMSrctch	bool	CA1	CA-1-specific internal flag bit x'04'. Volume in scratch status.
TMSlot	char	CA1	CA-1-specific vault slot number.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
TMSmsmc	char	CA1	CA-1-specific SMS management class.
TMSName	char (alternate)	ExLM	The name of the tape management system defined on the TMS statement.
TMStack	bool	CA1	CA-1-specific internal flag5 bit x'80'. Tape has been used by RTS.
TMStpnam	char	CA1	CA-1-specific creating step name.
TMTempds	bool	CA1	CA-1-specific internal flag2 bit x'10'. Temporary data set.
TMTrerrc	int	CA1	CA-1-specific number of temporary read errors since cleaned.
TMTrerri	int	CA1	CA-1-specific number of temporary read errors since initialized.
TMTrtch	char (alternate)	CA1	CA-1-specific recording technique.
TMTwerre	int	CA1	CA-1-specific number of temporary write errors since cleaned.
TMTwerri	int	CA1	CA-1-specific number of temporary write errors since initialized.
TMUcount	int	CA1	CA-1-specific number of times tape opened since birthdate.
TMUltif	bool	CA1	CA-1-specific internal flag3 bit x'02'. Additional files exist in volume set.
TMUpdate	bool	CA1	CA-1-specific internal flag bit x'20'. Volume record updated by user.
TMUsecln	int	CA1	CA-1-specific use count at last cleaning.
TMUser TMAcct	char	CA1	CA-1-specific user job accounting area.
TMUsuni	char (alternate)	CA1	CA-1-specific address of unit last used.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
TMVabtch	int	CA1	CA-1-specific id of last CA-1 program to update record.
TMVacode	int	CA1	CA-1-specific audit code.
TMVacpu	char	CA1	CA-1-specific id of CPU used for last update.
TMVadate	date	CA1	CA-1-specific date of last update.
TMVaflg1	int	CA1	CA-1-specific audit flag.
TMVahook	int	CA1	CA-1-specific id of last intercept to update record.
TMVatime	time	CA1	CA-1-specific time of last update.
TMVauser	char	CA1	CA-1-specific id of last user to update record.
TMVvendor	char	CA1	CA-1-specific tape vendor name.
TMVvseq	int	CA1	CA-1-specific volume sequence number.
TMVvser	char	CA1	CA-1-specific volume serial number.
TMVsr	bool	CA1	CA-1-specific internal flag4 bit x'20'. Vault specific request.
UserBool1	bool	Custom, Open	User-defined Boolean field for a volume.
UserBool10	bool	Custom, Open	User-defined Boolean field for a volume.
UserBool2	bool	Custom, Open	User-defined Boolean field for a volume.
UserBool3	bool	Custom, Open	User-defined Boolean field for a volume.
UserBool4	bool	Custom, Open	User-defined Boolean field for a volume.
UserBool5	bool	Custom, Open	User-defined Boolean field for a volume.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
UserBool6	bool	Custom, Open	User-defined Boolean field for a volume.
UserBool7	bool	Custom, Open	User-defined Boolean field for a volume.
UserBool8	bool	Custom, Open	User-defined Boolean field for a volume.
UserBool9	bool	Custom, Open	User-defined Boolean field for a volume.
UserChar1	char	Custom, Open	User-defined character field for a volume.
UserChar10	char	Custom, Open	User-defined character field for a volume.
UserChar2	char	Custom, Open	User-defined character field for a volume.
UserChar3	char	Custom, Open	User-defined character field for a volume.
UserChar4	char	Custom, Open	User-defined character field for a volume.
UserChar5	char	Custom, Open	User-defined character field for a volume.
UserChar6	char	Custom, Open	User-defined character field for a volume.
UserChar7	char	Custom, Open	User-defined character field for a volume.
UserChar8	char	Custom, Open	User-defined character field for a volume.
UserChar9	char	Custom, Open	User-defined character field for a volume.
UserDate1	date	Custom, Open	User-defined date field for a volume.
UserDate10	date	Custom, Open	User-defined date field for a volume.
UserDate2	date	Custom, Open	User-defined date field for a volume.
UserDate3	date	Custom, Open	User-defined date field for a volume.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
UserDate4	date	Custom, Open	User-defined date field for a volume.
UserDate5	date	Custom, Open	User-defined date field for a volume.
UserDate6	date	Custom, Open	User-defined date field for a volume.
UserDate7	date	Custom, Open	User-defined date field for a volume.
UserDate8	date	Custom, Open	User-defined date field for a volume.
UserDate9	date	Custom, Open	User-defined date field for a volume.
UserInt1	int	Custom, Open	User-defined integer field for a volume.
UserInt10	int	Custom, Open	User-defined integer field for a volume.
UserInt2	int	Custom, Open	User-defined integer field for a volume.
UserInt3	int	Custom, Open	User-defined integer field for a volume.
UserInt4	int	Custom, Open	User-defined integer field for a volume.
UserInt5	int	Custom, Open	User-defined integer field for a volume.
UserInt6	int	Custom, Open	User-defined integer field for a volume.
UserInt7	int	Custom, Open	User-defined integer field for a volume.
UserInt8	int	Custom, Open	User-defined integer field for a volume.
UserInt9	int	Custom, Open	User-defined integer field for a volume.
UserTime1	time	Custom, Open	User-defined time field for a volume.
UserTime10	time	Custom, Open	User-defined time field for a volume.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
UserTime2	time	Custom, Open	User-defined time field for a volume.
UserTime3	time	Custom, Open	User-defined time field for a volume.
UserTime4	time	Custom, Open	User-defined time field for a volume.
UserTime5	time	Custom, Open	User-defined time field for a volume.
UserTime6	time	Custom, Open	User-defined time field for a volume.
UserTime7	time	Custom, Open	User-defined time field for a volume.
UserTime8	time	Custom, Open	User-defined time field for a volume.
UserTime9	time	Custom, Open	User-defined time field for a volume.
VolumeSeque nceNumber VOLSEQ	int	TMS	The volume sequence number of the volume.
VTV	bool	VTV	The volume is a Virtual Tape Volume (VTV), as reported by VSM.
VTVCompres sionPercentag e	int	VTV	This is the difference between the uncompressed and compressed VTV size expressed as a percentage of the uncompressed VTV size. For example, if a 100MB VTV compresses to 40MB, then the compression percentage will be given as 60%. A compression of 0% indicates that no compression was possible on the VTV.
VTVConsolid ated	bool	VTV	Indicates whether a VTV is currently consolidated.
VTVDuplexe d	bool	VTV	The VTV has at least 2 copies.
VTVFenced	bool	VTV	The VTV's state is unknown to VTSS.
VTVInitialize d	bool	VTV	The VTV has been initialized by VTSS.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
VTVInvalid VTVDEL VTVDELETED VTVINV	bool	VTV	The VTV is invalid in VSM.
VTVManagementClass VTVMGMT CLAS VTVMGTCLASS	char	VTV	The VSM management class for the VTV.
VTVMaximumSize	int	VTV	The maximum size of the VTV in megabytes.
VTVMigrated VTVMIG	bool	VTV	The VTV is migrated in VSM.
VTVMounted VTVMNTD	bool	VTV	The VTV is mounted according to VSM.
VTVMVCID 1	char	VTV	The MVC volser on which the VTV resides.
VTVMVCID 2	char	VTV	The MVC volser on which a duplicate or consolidation copy of the VTV resides. Note: If the VTV is consolidated during an ExLM run, the value of this field will be updated after the consolidation is performed. The POSTACTION value will reflect the consolidation MVC for this VTV.
VTVMVCID 3	char	VTV	The MVC volser on which a duplicate or consolidation copy of the VTV resides.
VTVMVCID 4	char	VTV	The MVC volser on which a duplicate or consolidation copy of the VTV resides.
VTVNewCreate	bool	VTV	Indicates whether the VTV was newly created when it was last resident.
VTVRecallDate	date	VTV	Date VTV was recalled to the VTSS buffer.
VTVRecallTime	time	VTV	Time VTV was recalled to the VTSS buffer.

Table 2. SET METHOD Statement WHEN Fields

Field	Type	Source	Description
VTVReplicationStatus	char	VTV	Status of VTV replication. C Replication has completed. R Replication is required but not started S Replication has started
VTVResident	bool	VTV	Indicates whether a VTV is resident in a VTSS.
VTVScratch VTVSCR	bool	VTV	The VTV is scratch, as recorded by VSM.
VTVSizeCompressed	int	VTV	The actual compressed size of the VTV in megabytes.
VTVSizeUncompressed VTVMediaSize	int	VTV	The actual uncompressed size of the VTV in megabytes.
VTVTimesRead	int	VTV	The number of times the VTV has been read.
VTVUnavailable VTVUNAVAILABLE	bool	VTV	The VTV is unavailable because it is either mounted, resident, or fenced according to VSM.
VTVVTSS	char	VTV	The Virtual Tape SubSystem (VTSS) in which the VTV resides.

REPORT LSM Statement Fields

Table 3. REPORT LSM Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
ACSID	char (alternate) 2 none	HSC	ACS ID	The 2-digit hexadecimal number assigned to the Automated Cartridge System.
AdditionalEnters ADDNLEN	int 7 sum	HSC	Additional Enters	The number of scratch volumes that need to be entered in addition to the number ExLM has picked by volser.
CleanEnters CLNENTERS	int 7 sum	HSC	Clean Enters	The total number of cleaning cartridges that need to be entered into the LSM.
Enters	int 7 sum	HSC	Enters	The total number of volumes that need to be entered into the LSM.
FailedEjects FEJ	int 7 sum	HSC	Failed Ejects	The number of volumes that failed to be ejected from the LSM. This field is only meaningful on a POSTACTION report.
FailedMoveIns FMOVEINS	int 7 sum	HSC	Failed Move Ins	The number of volumes that failed to be moved into the LSM. This field is only meaningful on a POSTACTION report.
FailedMoveOuts FMOVEOUTS	int 7 sum	HSC	Failed Move Outs	The number of volumes that failed to be moved out of the LSM. This field is only meaningful on a POSTACTION report.
InitialAllVolume s IALLVOL	int 7 sum	HSC	Initial All Volumes	The total number of scratch and nonscratch volumes in the LSM at the beginning of the ExLM run.
InitialClean ICLN	int 7 sum	HSC	Initial Clean	The number of cleaning cartridges in the LSM at the beginning of the ExLM run.
InitialFreeCells IFCELL	int 7 sum	HSC	Initial Free Cells	The number of free cells in the LSM at the beginning of the ExLM run.

Table 3. REPORT LSM Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
InitialNonScratch INONSCR	int 7 sum	HSC	Initial Non Scratch	The total number of nonscratch volumes in the LSM at the beginning of the ExLM run.
InitialScratch ISCR	int 7 sum	HSC	Initial Scratch	The total number of scratch volumes in the LSM at the beginning of the ExLM run.
LSMGroup LSMGRP	char (alternate) 10 none	HSC	LSM Group	The LSM Group Name assigned to the volume by the Management Method.
LSMID	char (alternate) 5 none	HSC	LSM ID	The AA:LL form identifier (AA is the two-character hexadecimal ACS number and LL is the two-character hexadecimal LSM number) that uniquely identifies an LSM to a host system.
LSMName	char (alternate) 10 none	HSC	LSM Name	The name given to the LSM by: Explorer: the LSM Names tab of the ACS object; Parameter File: the Lsmid parameter of a Manage or Unmanaged statement.
ManagedLSM MANLSM	bool See notes below. true	HSC	Managed LSM	The LSM is managed by this ExLM run. This is specified by: Explorer: editing the properties of an LSM Group listed on the LSM Group tab of a Run object; Parameter File: coverage by a Manage statement.
PickedEnters PICKEDEN	int 7 sum	HSC	Picked Enters	The number of scratch volumes ExLM has picked by volser to enter into the LSM.
PlannedClean PCLN	int 7 sum	HSC	Planned Clean	The planned number of cleaning cartridges in the LSM at the end of the ExLM run.
PlannedEjects PEJ	int 7 sum	HSC	Planned Ejects	The projected number of volumes that will be ejected from the LSM.

Table 3. REPORT LSM Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
PlannedFreeCells PFCELL	int 7 sum	HSC	Planned Free Cells	The total number of free cells projected to be in the LSM after all scheduled cartridge moves, ejects, and enters have been performed.
PlannedMoveIns PMOVEINS	int 7 sum	HSC	Planned Move Ins	The total number of volumes projected to be moved into the LSM.
PlannedMoveOuts PMOVEOUTS	int 7 sum	HSC	Planned Move Outs	The total number of volumes projected to be moved out of the LSM.
PlannedNonScratch PNONSCR	int 7 sum	HSC	Planned Non Scratch	The total number of nonscratch volumes ExLM has projected to be in the LSM.
PlannedScratch PSCR	int 7 sum	HSC	Planned Scratch	Total number of scratch volumes ExLM has projected to be in the LSM.
PullListEnters PLENTERS	int 7 sum	HSC	Pull List Enters	The total number of Pull List volumes that need to be entered into the LSM.
ScratchEnters SCRENTERS	int 7 sum	HSC	Scratch Enters	The total number of scratch volumes that need to be entered into the LSM.
StatusChanged STCHG	int 7 sum	HSC	Status Changed	The total number of volumes whose scratch status was changed in the HSC CDS by the ExLM run. It is possible for the same volume to be scratched and unscratched in the same ExLM run. However, this field is only incremented once per volume.
StatusErrant STERRANT	int 7 sum	HSC	Status Errant	The total number of volumes whose status was marked errant in the HSC CDS.
StatusExternalLabel STEXTLBL	int 7 sum	HSC	Status External Label	The total number of volumes whose status was marked as having an external label in the HSC CDS.
StatusNoExternalLabel STNOEXTLBL	int 7 sum	HSC	Status No External Label	The total number of volumes whose status was marked as having no external label in the HSC CDS.

Table 3. REPORT LSM Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
StatusNotUseable STNTUSBL	int 7 sum	HSC	Status Not Useable	The total number of volumes whose status was marked not useable in the HSC CDS.
StatusOverMaxClean STOVRMXCLN	int 7 sum	HSC	Status Over MaxClean	The total number of volumes whose status was marked over max clean in the HSC CDS.
StatusScratched STSCRED	int 7 sum	HSC	Status Scratched	The total number of volumes whose status was marked scratched in the HSC CDS.
StatusSelected STSELECT	int 7 sum	HSC	Status Selected	The total number of volumes whose status was marked selected in the HSC CDS.
StatusUnreadableLabel STUNRDLBL	int 7 sum	HSC	Status Unreadable Label	The total number of volumes whose status was marked as having an unreadable label in the HSC CDS.
StatusUnscratched STUNSCRED	int 7 sum	HSC	Status Unscratched	The total number of volumes whose status was marked unscratched in the HSC CDS.
StatusWrong STWRNG	int 7 sum	HSC	Status Wrong	The total number of volumes whose scratch status in the HSC CDS is not correct.
SuccessfulEjects SUCCEJ	int 7 sum	HSC	Successful Ejects	The number of volumes that were successfully ejected from the LSM. This field is only meaningful on a POSTACTION report.
SuccessfulMoveIns SUCCMOVEINS	int 7 sum	HSC	Successful Move Ins	The total number of volumes moved into the LSM. This field is only meaningful on a POSTACTION report.
SuccessfulMoveOuts SUCCMOVEOUTS	int 7 sum	HSC	Successful Move Outs	The total number of volumes moved out of the LSM. This field is only meaningful on a POSTACTION report.

Table 3. REPORT LSM Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
VolumesIgnored VOLIGNRD	int 7 sum	HSC	Volumes Ignored	The total number of volumes ignored. This is determined by: Explorer: the TMS tab of the Subpool object; Parameter File: the Ignore parameter on the Subpool statement.

REPORT MVC_VTV Statement Fields

Table 4. Additional REPORT MVC_VTV Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
MVCVTVBlockCount	int 6 sum	MVC_VTV	MVC VTV Block Count	The decimal number of blocks of data that the VTV occupies on the MVC.
MVCVTVBlockId	char (alternate) 8 none	MVC_VTV	MVC VTV Block ID	The logical block ID of the beginning of the VTV on the MVC.
MVCVTVConsolidation Date	date See notes below. none	MVC_VTV	MVC VTV Consolidation Date	The date on which the VTV was consolidated to the MVC as recorded by VSM.
MVCVTVMigrationDate	date See notes below. none	MVC_VTV	MVC VTV Migration Date	The date on which the VTV was migrated to the MVC as recorded by VSM.

REPORT VOLUME Statement Fields

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
Action ACT	char (alternate) 12 none	ExLM	Action	<p>The action planned to be taken on the volume.</p> <p>Consolidate Planned to consolidate the virtual tape volume.</p> <p>Eject Planned to eject the volume.</p> <p>Enter Planned to enter the volume.</p> <p>Export Planned to export the virtual tape volume.</p> <p>Keep Planned to keep the volume in the initial LSM.</p> <p>Migrate Planned to migrate the virtual tape volume.</p> <p>Move Planned to move the volume.</p> <p>None No action planned.</p> <p>Recall Planned to recall the virtual tape volume.</p> <p>Reclaim Planned to reclaim space on the MVC.</p> <p>Scratch Planned to set the scratch status for the volume in the HSC CDS or VTCS to Scratch.</p> <p>Unscratch Planned to set the scratch status for the volume in the HSC CDS or VTCS to Not Scratch.</p>

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
ActionReason ACTRSN	char (alternate) 10 none	ExLM	Action Reason	<p>The reason the action was chosen.</p> <p>Action Explorer: Instructed by Action tab of Run object. Parameter File: Instructed by Action statement.</p> <p>ClrFzPnl Explorer: The Action tab of the Run object caused this action to eject volumes frozen by the HSC. Parameter File: A ClearFrozenPanels parameter caused this action to eject volumes frozen by the HSC.</p> <p>EjBad Explorer: The Action tab of the Run object caused this action to eject defective volumes. Parameter File: An EjBad parameter caused this action to eject defective volumes.</p> <p>Method Explorer: A Method object condition caused ExLM to perform this action. Parameter File: A Method statement attribute caused ExLM to perform this action.</p> <p>Need ExLM planned this action in order to meet criteria.</p> <p>PullList Explorer: A PullList object caused this action. Parameter File: A PullList statement caused this action.</p>

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
ActionStatus ACTSTAT	char (alternate) 40 none	ExLM	Action Status	The final status of an action. This field is only meaningful on a POSTACTION report. Action performed successfully Action was not necessary ExLM stop command was entered No magazines in CAP No room was available Reason is not known (see LCMLOG) Reply to delay WTOR was ABORT or FAIL Volume is in disconnected ACS Volume is in manual mode LSM Volume is in use by another host Volume was errant when action attempted Volume was mounted when action attempted Volume was recently used or selected VTCS error (see LCMLOG) VTCS PGMI (SWSPGMI) not available VTCS request failed VTCS response missing VTCS task ended unexpectedly
BAAbdflg	char 1 none	TLMS	TLMS Abend Flag	TLMS-specific abend flag.
BAAActive	int 5 none	TLMS	TLMS File Count	TLMS-specific active file count.
BAAscbse	char 8 none	TLMS	TLMS Associated Base	TLMS-specific associated base.
BAAscvol	char 8 none	TLMS	TLMS Associated Volume	TLMS-specific associated volume.
BABlkent	int 5 none	TLMS	TLMS Block Count	TLMS-specific block count.
BABlksiz	int 5 none	TLMS	TLMS Block Size	TLMS-specific block size.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
BABuydat	date See notes below. none	TLMS	TLMS Purchase Date	TLMS-specific purchase date.
BACdsexp	date See notes below. none	TLMS	TLMS Highest Expire Date	TLMS-specific highest IBM expiration date on volume.
BACdsflg	char 1 none	TLMS	TLMS CDS Flag	TLMS-specific controlling data set flag.
BACdskep	date See notes below. none	TLMS	TLMS Highest Keep Date	TLMS-specific highest keep date on volume.
BACdsseq	int 5 none	TLMS	TLMS CDS Seq Num	TLMS-specific controlling data set sequence number.
BACHnvol	char 6 none	TLMS	TLMS 1st Volume In Chain	TLMS-specific 1st volume in chain.
BACKptkn	char 1 none	TLMS	TLMS Checkpoint Taken	TLMS-specific check point taken (Y=Yes; B=No).
BAClnent	int 5 none	TLMS	TLMS Cleanings Since Cert	TLMS-specific cleanings since certified.
BACln-dat	date See notes below. none	TLMS	TLMS Clean Date	TLMS-specific clean date.
BACpusmf	char 4 none	TLMS	TLMS Creation CPU SMFid	TLMS-specific creation CPU SMF ID.
BACredat	date See notes below. none	TLMS	TLMS Create Date	TLMS-specific create date.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
BACreddn	char 8 none	TLMS	TLMS Creation Ddname	TLMS-specific creation ddname.
BACredev	char (alternate) 3 none	TLMS	TLMS Creation Drive	TLMS-specific creation drive.
BACrejob	char 8 none	TLMS	TLMS Creation Jobname	TLMS-specific creation jobname.
BACrepgm	char 8 none	TLMS	TLMS Creation Pgm	TLMS-specific creation program name.
BACrestp	char 8 none	TLMS	TLMS Creation Stepname	TLMS-specific creation stepname.
BACretim	time See notes below. none	TLMS	TLMS Creation Time	TLMS-specific time of day the volume was created.
BACrtcnt	int 5 none	TLMS	TLMS Total Certs	TLMS-specific total certifications.
BACrtdat	date See notes below. none	TLMS	TLMS Certification Date	TLMS-specific certification date.
BADamcde	char 1 none	TLMS	TLMS Damaged Code	TLMS-specific damaged code.
BADen	char 1 none	TLMS	TLMS Density	TLMS-specific density.
BADescde	char 1 none	TLMS	TLMS Destroyed Code	TLMS-specific destroyed code.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
BADesdat	date See notes below. none	TLMS	TLMS Destroyed Date	TLMS-specific destroyed date.
BADsn	char 44 none	TLMS	TLMS Data Set Name	TLMS-specific data set name.
BAErgcnt	int 5 none	TLMS	TLMS Current Erase gaps	TLMS-specific current erase gaps on volume.
BAErgmax	int 5 none	TLMS	TLMS Max Erase Gaps	TLMS-specific max erase gaps on volume.
BAExpdat	date See notes below. none	TLMS	TLMS Expire Date	TLMS-specific IBM expiration date for data set.
BAFilcnt	int 5 none	TLMS	TLMS File Count	TLMS-specific file count.
BAFileseq	int 5 none	TLMS	TLMS File Seq In Chain	TLMS-specific file sequence in chain.
BAFlg001	int 3 none	TLMS	TLMS Reserved CA-1 Flag1	TLMS-specific reserved for CA-1 FLG001.
BAFlg003	int 3 none	TLMS	TLMS Reserved CA-1 Flag3	TLMS-specific reserved for CA-1 FLG003.
BAFlg004	int 3 none	TLMS	TLMS Reserved CA-1 Flag4	TLMS-specific reserved for CA-1 FLG004.
BAFlg005	int 3 none	TLMS	TLMS Reserved TLMS Flag5	TLMS-specific reserved for TLMS FLG005.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
BAFlg006	int 3 none	TLMS	TLMS Reserved TLMS Flag6	TLMS-specific reserved for TLMS FLG006.
BAKepdat	date See notes below. none	TLMS	TLMS Keep Date	TLMS-specific keep date for data set.
BALabtyp	char 1 none	TLMS	TLMS Label Type	TLMS-specific label type.
BALasdat	date See notes below. none	TLMS	TLMS Last Used Date	TLMS-specific last used date.
BALasdev	char (alternate) 3 none	TLMS	TLMS Last Used Drive	TLMS-specific last used drive.
BALasjob	char 8 none	TLMS	TLMS Last Used Jobname	TLMS-specific last used jobname.
BALoc	char 2 none	TLMS	TLMS Volume Location	TLMS-specific volume location.
BALoscde	char 1 none	TLMS	TLMS Lost Code	TLMS-specific lost code.
BAMds1st	char (alternate) 8 none	TLMS	TLMS Multi-dsn First Ptr	TLMS-specific multi-dataset first chain pointer.
BAMds1st	char (alternate) 8 none	TLMS	TLMS Multi-dsn Last Ptr	TLMS-specific multi-dataset last chain pointer.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
BAMovdat	date See notes below. none	TLMS	TLMS Date Moved	TLMS-specific date volume moved.
BAMvlcnt	int 5 none	TLMS	TLMS BAMvltab Volume Count	TLMS-specific count of volumes in BAMvltab.
BAMvlseq1	int 5 none	TLMS	TLMS Multi-vol Seq Num 1	TLMS-specific multi-volume sequence number 1.
BAMvlseq2	int 5 none	TLMS	TLMS Multi-vol Seq Num 2	TLMS-specific multi-volume sequence number 2.
BAMvlseq3	int 5 none	TLMS	TLMS Multi-vol Seq Num 3	TLMS-specific multi-volume sequence number 3.
BAMvlseq4	int 5 none	TLMS	TLMS Multi-vol Seq Num 4	TLMS-specific multi-volume sequence number 4.
BAMvlseq5	int 5 none	TLMS	TLMS Multi-vol Seq Num 5	TLMS-specific multi-volume sequence number 5.
BAMvlvol1	char 6 none	TLMS	TLMS Multi-vol Serial 1	TLMS-specific multi-volume chain serial number 1.
BAMvlvol2	char 6 none	TLMS	TLMS Multi-vol Serial 2	TLMS-specific multi-volume chain serial number 2.
BAMvlvol3	char 6 none	TLMS	TLMS Multi-vol Serial 3	TLMS-specific multi-volume chain serial number 3.
BAMvlvol4	char 6 none	TLMS	TLMS Multi-vol Serial 4	TLMS-specific multi-volume chain serial number 4.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
BAMvlvol5	char 6 none	TLMS	TLMS Multi-vol Serial 5	TLMS-specific multi-volume chain serial number 5.
BAOutsrv	char 4 none	TLMS	TLMS Out of Service Code	TLMS-specific out of service code. Contains BALoscde, BADamcde, and BADEscde.
BARecsiz	int 5 none	TLMS	TLMS LRECL	TLMS-specific logical record length.
BARederr	int 5 none	TLMS	TLMS Temporary Read Errors	TLMS-specific current temporary read errors.
BARfm	char 3 none	TLMS	TLMS Record Format	TLMS-specific record format.
BARtncnt1	int 5 none	TLMS	TLMS Retention Count - 1	TLMS-specific retention count for retention entry 1.
BARtncnt2	int 5 none	TLMS	TLMS Retention Count - 2	TLMS-specific retention count for retention entry 2.
BARtncnt3	int 5 none	TLMS	TLMS Retention Count - 3	TLMS-specific retention count for retention entry 3.
BARtncnt4	int 5 none	TLMS	TLMS Retention Count - 4	TLMS-specific retention count for retention entry 4.
BARtncnt5	int 5 none	TLMS	TLMS Retention Count - 5	TLMS-specific retention count for retention entry 5.
BARtncnt6	int 5 none	TLMS	TLMS Retention Count - 6	TLMS-specific retention count for retention entry 6.
BARtndev	char 4 none	TLMS	TLMS Cabinet Slot	TLMS-specific box or cabinet/slot.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
BARtnLoc1	char 2 none	TLMS	TLMS Retention Loc - 1	TLMS-specific user retention location for retention entry 1.
BARtnLoc2	char 2 none	TLMS	TLMS Retention Loc - 2	TLMS-specific user retention location for retention entry 2.
BARtnLoc3	char 2 none	TLMS	TLMS Retention Loc - 3	TLMS-specific user retention location for retention entry 3.
BARtnLoc4	char 2 none	TLMS	TLMS Retention Loc - 4	TLMS-specific user retention location for retention entry 4.
BARtnLoc5	char 2 none	TLMS	TLMS Retention Loc - 5	TLMS-specific user retention location for retention entry 5.
BARtnLoc6	char 2 none	TLMS	TLMS Retention Loc - 6	TLMS-specific user retention location for retention entry 6.
BARtnptr	char 1 none	TLMS	TLMS Retention Entry	TLMS-specific offset of active retention entry.
BARtnsrc	char 1 none	TLMS	TLMS Retention Source	TLMS-specific retention source. ' ' (blank) = No retention data; '1' = From RMF; '2' = From JCL; '3' = From manual update.
BARtnryp1	char 1 none	TLMS	TLMS Retention Type - 1	TLMS-specific user retention type for retention entry 1. '1' = Catalog control; '2' = Date control; '3' = Catalog and age; '4' = Cycle control; '5' = Age; '6' = Move immediate control; '7' = Manual control; '8' = Days since last used; '9' = Expiration date.
BARtnryp2	char 1 none	TLMS	TLMS Retention Type - 2	TLMS-specific user retention type for retention entry 2. '1' = Catalog control; '2' = Date control; '3' = Catalog and age; '4' = Cycle control; '5' = Age; '6' = Move immediate control; '7' = Manual control; '8' = Days since last used; '9' = Expiration date.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
BARntyp3	char 1 none	TLMS	TLMS Retention Type - 3	TLMS-specific user retention type for retention entry 3. '1' = Catalog control; '2' = Date control; '3' = Catalog and age; '4' = Cycle control; '5' = Age; '6' = Move immediate control; '7' = Manual control; '8' = Days since last used; '9' = Expiration date.
BARntyp4	char 1 none	TLMS	TLMS Retention Type - 4	TLMS-specific user retention type for retention entry 4. '1' = Catalog control; '2' = Date control; '3' = Catalog and age; '4' = Cycle control; '5' = Age; '6' = Move immediate control; '7' = Manual control; '8' = Days since last used; '9' = Expiration date.
BARntyp5	char 1 none	TLMS	TLMS Retention Type - 5	TLMS-specific user retention type for retention entry 5. '1' = Catalog control; '2' = Date control; '3' = Catalog and age; '4' = Cycle control; '5' = Age; '6' = Move immediate control; '7' = Manual control; '8' = Days since last used; '9' = Expiration date.
BARntyp6	char 1 none	TLMS	TLMS Retention Type - 6	TLMS-specific user retention type for retention entry 6. '1' = Catalog control; '2' = Date control; '3' = Catalog and age; '4' = Cycle control; '5' = Age; '6' = Move immediate control; '7' = Manual control; '8' = Days since last used; '9' = Expiration date.
BAScrdat	date See notes below. none	TLMS	TLMS Scratch Date	TLMS-specific date volume scratched.
BAScruid	char 1 none	TLMS	TLMS Scratched ID	TLMS-specific scratched by ID. '1' = TRS; '2' = JCL; '3' = Manual; '4' = External data manager.
BaseName	char 44 none	TMS	Base Name	The controlling data set name of the volume. If the data set is a member of a Generation Data Group, only the base name (no .GnnnnVnn) is included.
BASmsmgt	char 8 none	TLMS	TLMS Mgmt Class	TLMS-specific SMS management class

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
BASpcchn	char 1 none	TLMS	TLMS Special Chaining	TLMS-specific special chaining (chained for moves).
BASpnflg	char 1 none	TLMS	TLMS Spanned Flag	TLMS-specific spanned data set flag (1=spanned).
BASrvscr	char 1 none	TLMS	TLMS Serv/Scr Indicator	TLMS-specific service/scratch indicator. '0' = Skipped segment record; '1' = In service/Non scratch; '2' = In service/Scratch; '3' = Out service/Non scratch; '4' = Out Service/Scratch.
BATaplen	int 5 none	TLMS	TLMS Tape Length	TLMS-specific tape length.
BATapmod	char 1 none	TLMS	TLMS Recording Technique	TLMS-specific track recording technique.
BATaptyp	char 2 none	TLMS	TLMS Tape Type	TLMS-specific tape type.
BATrspro	char 1 none	TLMS	TLMS TRS Processed	TLMS-specific TRS has processed this volume.
BAUnisrt	int 5 none	TLMS	TLMS Sort Unique	TLMS-specific sort unique code.
BAUsebuy	int 5 none	TLMS	TLMS Uses Since Purchased	TLMS-specific uses since purchased.
BAUsecln	int 5 none	TLMS	TLMS Uses Since Cleaned	TLMS-specific uses since cleaned.
BAUsecert	int 5 none	TLMS	TLMS Uses Since Certified	TLMS-specific uses since certified.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
BAUsr001	char 15 none	TLMS	TLMS Job Accounting	TLMS-specific user data. (Defaults to job accounting - TCB).
BAUsr002	char 15 none	TLMS	TLMS Programmer Name	TLMS-specific user data. (Defaults to programmer name - TCB).
BAUsr003	char 29 none	TLMS	TLMS User Data	TLMS-specific user data area.
BAVender	char 8 none	TLMS	TLMS Manufactur er Code	TLMS-specific user updated manufacturer code.
BAVol1st	char (alternate) 8 none	TLMS	TLMS Multi-vol First Ptr	TLMS-specific multi-volume first volume serial number pointer.
BAVolcnt	int 5 none	TLMS	TLMS Volume Count	TLMS-specific volume count.
BAVollst	char (alternate) 8 none	TLMS	TLMS Multi-Vol Last Ptr	TLMS-specific multi-volume last chain pointer.
BAVolown	char 8 none	TLMS	TLMS Volume Owner	TLMS-specific volume owner.
BAVolseq	int 5 none	TLMS	TLMS Volume Seq	TLMS-specific volume sequence number.
BAVolser	char 6 none	TLMS	TLMS Volume Serial	TLMS-specific volume serial number

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
Classification CLS	char (alternate) 10 none	HSC, MVC, TMS, VTV	Classification	Classification of the volume. BadScratch Volumes marked defective and scratch in TMS Clean Volumes with the HSC cleaning prefix Expired Volumes marked not scratch and expired in TMS NonScratch Volumes not scratch, badscratch, expired, or clean Scratch Volumes available for receiving new tape data sets
Clean CLN	bool See notes below. true	ExLM	Cleaning Cartridge	This volume is a cleaning cartridge.
ConsolidationGroup Name CONSGRP NAME	char 8 none	MVC, VTV	Consolidation Group Name	The consolidation group name for the VTV.
Copy	int 4 none	TMS	Copy	Copy number of the volume. A value of 1 refers to the most recently created copy of the data set according to the tape management system, 2 refers to the next most recently created copy, and so on.
CreatingTMSDrive CTDRIVE	char (alternate) 4 none	TMS	Creating Drive	The unit address of the tape drive on which the tape data set was created, printed as a hexadecimal character string.
CreationDate CDATE	date See notes below. none	MVC, TMS, VTV	Creation Date	The date the volume was created. The first available field of the following determines the creation date: CreationTMSDate, CreationVTVDate, CreationMVCDate.
CreationJob Name CJOBNAME JOBNAME	char 8 none	TMS	Creation Job Name	The JCL job name that created the volume.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
CreationMV CDate CMDATE	date See notes below. none	MVC	Creation MVC Date	The date the volume was created as recorded by VSM.
CreationMV CTime CMTIME	time See notes below. none	MVC	Creation MVC Time	The time of day the volume was created as recorded by VSM.
CreationSte pName CSTEPNA ME STEPNAM E	char 8 none	TMS	Creation Step Name	The JCL step name that created the volume.
CreationTim e CTIME	time See notes below. none	MVC, TMS, VTV	Creation Time	The time of day the volume was created. The first available field of the following determines the creation time: CreationTMSTime, CreationVTVTime, CreationMVCTime.
CreationTM SDate CTDATE	date See notes below. none	TMS	Creation TMS Date	The date the volume was created as recorded in the associated tape management system.
CreationTM STime CTTIME	time See notes below. none	TMS	Creation TMS Time	The time of day the volume was created as recorded in the associated tape management system.
CreationVT VDate CVDATE	date See notes below. none	VTV	Creation VTV Date	The date the volume was created as recorded by VSM.
CreationVT VTime CVTIME	time See notes below. none	VTV	Creation VTV Time	The time of day the volume was created as recorded by VSM.
CTAccount	char 50 none	ControlT	ControlT Account Information	Control-T-specific accounting information

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
CTActiveds	int 4 none	ControlT	ControlT Active Labels	Control-T-specific number of active labels on volume.
CTBlksize	int 8 none	ControlT	ControlT Block Size	Control-T-specific block size.
CTBlockct	int 8 none	ControlT	ControlT Block Count	Control-T-specific block count.
CTBoxid	char 6 none	ControlT	ControlT Box ID	Control-T-specific box ID.
CTChkindt	date See notes below. none	ControlT	ControlT Checkin Date	Control-T-specific volume check-in date.
CTCIncount	int 8 sum	ControlT	ControlT Clean Count	Control-T-specific clean count
CTCrecpu	char 8 none	ControlT	ControlT Create CPU Name	Control-T-specific creation CPU name.
CTCreddn	char 8 none	ControlT	ControlT Create DD Name	Control-T-specific creation DD name.
CTCredt	date See notes below. none	ControlT	ControlT Creation Date	Control-T-specific creation date.
CTCrejbn	char 8 none	ControlT	ControlT Create Jobname	Control-T-specific creation job name.
CTCrepgm	char 8 none	ControlT	ControlT Create Program Name	Control-T-specific creation program name.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
CTCrestep	char 8 none	ControlT	ControlT Create Stepname	Control-T-specific creation stepname.
CTCretm	time See notes below. none	ControlT	ControlT Creation Time	Control-T-specific creation time
CTCreuad	char (alternate) 4 none	ControlT	ControlT Create Unit Address	Control-T-specific creation unit address.
CTDdsexpd 1	date See notes below. none	ControlT	ControlT First Expiration Date	Control-T-specific first expiration date.
CTDdsexpd 2	date See notes below. none	ControlT	ControlT Second Expiration Date	Control-T-specific second expiration date.
CTDdsexpd 3	date See notes below. none	ControlT	ControlT Third Expiration Date	Control-T-specific third expiration date.
CTDeleted	bool See notes below. none	ControlT	ControlT Deleted	Control-T-specific volume marked as deleted.
CTDsname	char 44 none	ControlT	ControlT Data Set Name	Control-T-specific data set name.
CTDsvolser	char 6 none	ControlT	ControlT First Data Set	Control-T-specific first data set begins on volume.
CTDyndef	bool See notes below. none	ControlT	ControlT Dynamicall y Defined	Control-T-specific volume dynamically added.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
CTEdm	bool See notes below. none	ControlT	ControlT EDM	Control-T-specific volume managed by an External Data Manager.
CTExptrn	date See notes below. none	ControlT	ControlT Return Date	Control-T-specific expected return date from out location.
CTExtDel	bool See notes below. none	ControlT	ControlT Expire Delete	Control-T-specific volume will be deleted when expired.
CTExternal	bool See notes below. none	ControlT	ControlT External Volume	Control-T-specific external volume.
CTFirstvol	char 6 none	ControlT	ControlT First Volume	Control-T-specific first volume in the multi-volume group.
CTHold	bool See notes below. none	ControlT	ControlT Hold	Control-T-specific volume is in the main library due to recall operation.
CTInatl	bool See notes below. none	ControlT	ControlT Tape Library	Control-T-specific volume resides inside a robotic tape library.
CTInuse	bool See notes below. none	ControlT	ControlT In Use	Control-T-specific volume currently in use.
CTIoerprm	int 4 sum	ControlT	ControlT Permanent Read Errors	Control-T-specific permanent read errors.
CTIoerprmc	int 4 sum	ControlT	ControlT Perm Read Errors Clean	Control-T-specific permanent read errors since last clean.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
CTIoertmp	int 4 sum	ControlT	ControlT Temporary Read Errors	Control-T-specific temporary read errors.
CTIoertmpc	int 4 sum	ControlT	ControlT Temp Read Errors Clean	Control-T-specific temporary read errors since last clean
CTIoewprm	int 4 sum	ControlT	ControlT Permanent Write Errors	Control-T-specific permanent write errors.
CTIoewprmc	int 4 sum	ControlT	ControlT Perm Write Errors Clean	Control-T-specific permanent write errors since last clean.
CTIoewtmp	int 4 sum	ControlT	ControlT Temporary Write Errors	Control-T-specific temporary write errors.
CTIoewtmpc	int 4 sum	ControlT	ControlT Temp Write Errors Clean	Control-T-specific temporary write errors since last clean.
CTLaccdt	date See notes below. none	ControlT	ControlT Job Date	Control-T-specific last access job date.
CTLaccjbn	char 8 none	ControlT	ControlT Jobname	Control-T-specific last job name that accessed the volume.
CTLacctm	time See notes below. none	ControlT	ControlT Job Time	Control-T-specific last access job time.
CTLblnum	int 4 none	ControlT	ControlT Label Number	Control-T-specific highest label number on volume.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
CTLbltyp	char 3 none	ControlT	ControlT Label Type	Control-T-specific label type AL AUL BLP NL NSL SL SUL
CTLclndt	date See notes below. none	ControlT	ControlT Clean Date	Control-T-specific last clean date.
CTLlibrary	char 8 none	ControlT	ControlT Library	Control-T-specific robotic tape library name.
CTLlocation	char 8 none	ControlT	ControlT Location	Control-T-specific current location of volume.
CTLocseq	int 4 none	ControlT	ControlT Sequence Number	Control-T-specific current vault sequence number.
CTLrecl	int 5 none	ControlT	ControlT Record Length	Control-T-specific record length.
CTManvlt	bool See notes below. none	ControlT	ControlT Manually Vaulted	Control-T-specific volume manually moved to vault.
CTMedia	char 8 none	ControlT	ControlT Media	Control-T-specific media name
CTMovedate	date See notes below. none	ControlT	ControlT Move Date	Control-T-specific move date.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
CTNextvol	char 6 none	ControlT	ControlT Next Volume	Control-T-specific next volume in the multi-volume group.
CTNostack	bool See notes below. none	ControlT	ControlT No Stacking	Control-T-specific volume cannot be a candidate for dynamic stacking.
CTOut	bool See notes below. none	ControlT	ControlT Outside Library	Control-T-specific volume outside the main library.
CTPendscr	bool See notes below. none	ControlT	ControlT Pending Scratch	Control-T-specific pending scratch status.
CTPendvlt	bool See notes below. none	ControlT	ControlT Pending Vault	Control-T-specific pending vault.
CTPrevvol	char 6 none	ControlT	ControlT Previous Volume	Control-T-specific previous volume in the multi-volume group.
CTPvlt	bool See notes below. none	ControlT	ControlT Potential Vault	Control-T-specific potential vault.
CTRecall	bool See notes below. none	ControlT	ControlT Recall	Control-T-specific volume will recall back to main library.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
CTRecfm	char 3 none	ControlT	ControlT Record Format	Control-T-specific record format. A B D F FB FBA FBM FBS M S U V VB VBA VBM VBS VS
CTRecfrom	char 8 none	ControlT	ControlT Recalled From Vault	Control-T-specific vault name recalled from.
CTRecreate	bool See notes below. none	ControlT	ControlT Recreated	Control-T-specific dataset recreated.
CTReturnvl	bool See notes below. none	ControlT	ControlT Return From Vault	Control-T-specific volume returned from vault.
CTRetvltdt	date See notes below. none	ControlT	ControlT Return to Vault Date	Control-T-specific date to return to vault.
CTScratch	bool See notes below. none	ControlT	ControlT Scratch	Control-T-specific volume scratch status.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
CTScrdt	date See notes below. none	ControlT	ControlT Scratch Date	Control-T-specific volume scratch date.
CTSlname	char 6 none	ControlT	ControlT SL Name	Control-T-specific SL name.
CTSslotnum	int 8 none	ControlT	ControlT Slot Number	Control-T-specific slot number
CTSmsmc	char 8 none	ControlT	ControlT SMS Managemen t Class	Control-T-specific SMS management class.
CTSmsg	char 8 none	ControlT	ControlT SMS Storage Group	Control-T-specific SMS storage group.
CTVabend	bool See notes below. none	ControlT	ControlT Volume Abend	Control-T-specific incomplete data set on volume.
CTVault	char 8 none	ControlT	ControlT First Vault Name	Control-T-specific first vault name.
CTVault2	char 8 none	ControlT	ControlT Second Vault Name	Control-T-specific second vault name.
CTVault3	char 8 none	ControlT	ControlT Third Vault Name	Control-T-specific third vault name.
CTVaulted	bool See notes below. none	ControlT	ControlT Vaulted	Control-T-specific vaulted.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
CTVendor	char 8 none	ControlT	ControlT Vendor	Control-T-specific volume's vendor name
CTVformat	char 8 none	ControlT	ControlT Volume Format	Control-T-specific volume format
CTVfreekb	int 8 none	ControlT	ControlT Free KB	Control-T-specific free kilo-bytes on volume.
CTVlrrstr	bool See notes below. none	ControlT	ControlT Restart	Control-T-specific volume processed under MVS restart.
CTVltentdt	date See notes below. none	ControlT	ControlT Entry Date	Control-T-specific vault entry date.
CTVltexpdt	date See notes below. none	ControlT	ControlT Vault Expiration Date	Control-T-specific vault expiration date.
CTVoledmid	char 4 none	ControlT	ControlT EDM ID	Control-T-specific volume's External Data Manager ID.
CTVolexcp	int 8 sum	ControlT	ControlT EXCP Count	Control-T-specific EXCP Count
CTVolexpd	date See notes below. none	ControlT	ControlT Expire Date	Control-T-specific volume expiration date.
CTVolodesc	char 20 none	ControlT	ControlT Description	Control-T-specific volume user description.
CTVolowner	char 8 none	ControlT	ControlT Owner	Control-T-specific volume owner

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
CTVvolseq	int 5 none	ControlT	ControlT Vvolseq Number	Control-T-specific volume sequence number in a multi-volume group.
CTVvolser	char 6 none	ControlT	ControlT Volume Serial	Control-T-specific volume serial number.
CTVvolnum	int 4 none	ControlT	ControlT Number Of Volumes	Control-T-specific number volumes data set resides on.
CTVvoltype	char 1 none	ControlT	ControlT Volume Type	Control-T-specific volume type. L P
CTVvolsect	int 8 none	ControlT	ControlT Use Count Since Scratch	Control-T-specific volume use count since last scratch.
CTVvolsetc	int 8 none	ControlT	ControlT Use Count	Control-T-specific volume use count.
CTVvolstgrp	char 8 none	ControlT	ControlT Stacking Group	Control-T-specific stacking group name.
CTVvolusedkb	int 8 none	ControlT	ControlT Used KB	Control-T-specific Used kilo-bytes on volume.
CycleDate CYDATE	date See notes below. none	TMS	Cycle Date	The date used by ExLM for CYCLESOON processing. If missing, ExLM does not perform CYCLESOON processing on this volume.
DataSetIdentifier DSID	char 44 none	TMS	Data Set Identifier	The most specific matching data set identifier found for the data set name on the Data Set tab of the Methods folder (Explorer) or a DATASET statement (Parameter File).

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
DataSetName DSN	char 44 none	TMS	Data Set Name	The controlling data set name of the volume. If the data set is a member of a Generation Data Group, the .GnnnnVnn qualifier is included.
DataSetReport DSRPT	bool See notes below. true	ExLM	Data Set Report	This volume is covered by the Data Set tab of the Methods folder (Explorer) or a DATASET statement (Parameter File) and is flagged for reporting.
DaysSinceCreation CDAYS	int 5 avg	MVC, TMS, VTV	Days Since Creation	The number of days since the data set was created. The first available field of the following determines the days since creation: DaysSinceCreationTMS, DaysSinceCreationMVC, DaysSinceCreationVTV.
DaysSinceCreationMVC CMDAYS	int 5 avg	MVC	Days Since Creation MVC	The number of days since the data set was created as recorded by VSM.
DaysSinceCreationTMS CTDAYS	int 5 avg	TMS	Days Since Creation TMS	The number of days since the data set was created as recorded in the associated tape management system.
DaysSinceCreationVTV CVDAYS	int 5 avg	VTV	Days Since Creation VTV	The number of days since the data set was created as recorded by VSM.
DaysSinceEnter EDAYS	int 5 avg	HSC	Days Since Enter	The number of days since the volume was entered into an LSM. If all volumes of a multi-volume data set are covered by the same Management Method, the most recent enter day for any volume is used by ExLM for all volumes in the multi-volume data set.
DaysSinceLocation LDAYS LOCDAYS	int 5 avg	TMS	Days Since Location	The number of days since the tape was moved to a tape storage location.
DaysSinceMount MDAYS	int 5 avg	HSC	Days Since Mount	The number of days since the HSC last mounted the volume.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
DaysSinceReference RDAYS	int 5 avg	HSC, MVC, TMS, VTV	Days Since Ref.	The number of days since reference for the volume as used by ExLM. The first available field of the following determines the reference day: DaysSinceReferenceTMS, DaysSinceReferenceVTV, DaysSinceReferenceMVC, DaysSinceMount, DaysSinceSelect. If all volumes of a multi-volume data set are covered by the same Management Method, the most recent reference day for any volume is used by ExLM for all volumes in the multi-volume data set.
DaysSinceReferenceMVC RMDAYS	int 5 avg	MVC	Days Since Ref MVC	The number of days since reference as recorded by VSM for an MVC (Multiple Volume Cartridge)
DaysSinceReferenceTMS RTDAYS	int 5 avg	TMS	Days Since Ref TMS	The number of days since reference as recorded in the associated tape management system for volumes being treated as a unit (Multi-volume support).
DaysSinceReferenceVTV RVDAYS	int 5 avg	VTV	Days Since Ref VTV	The number of days since reference as recorded by VSM for a VTV (Virtual Tape Volume)
DaysSinceSelect SDAYS	int 5 avg	HSC	Days Since Select	The number of days since the volume was selected by the HSC.
DaysTillCycle CYDAYS DAYSTILL EXPIRE XDAYS	int 5 avg	TMS	Days Till Cycle	The number of days ExLM uses for CYCLESOON processing. If missing, ExLM will not perform CYCLESOON processing on this volume.
Deleted	bool See notes below. true	TMS	Deleted	The volume is marked deleted in the tape management system. Note: The value of this field is false for all volumes known to ExLM unless: Explorer: The checkbox on the Deleted tab of the TMS object is not checked; Parameter File: the NODELETECHECK parameter is specified on the TMS statement.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
EjectViaLS MGroup EJLSMGRP	char (alternate) 10 none	ExLM	Eject Via LSM Group	The LSM Group from which ExLM plans to eject the volume.
EjectViaLS MID EJLSMID	char (alternate) 5 none	ExLM	Eject Via LSM ID	The LSM ID from which ExLM plans to eject the volume.
EjectViaLS MName EJLSMNA ME	char (alternate) 10 none	ExLM	Eject Via LSM Name	The Name of the LSM from which ExLM plans to eject the volume.
EnterDate ENDATE	date See notes below. none	HSC	Enter Date	The date the volume was entered into an LSM. If all volumes of a multi-volume data set are covered by the same Management Method, the most recent enter date of any volume is used by ExLM for all volumes in the multi-volume data set.
EnterTime ENTIME	time See notes below. none	HSC	Enter Time	The time of day the volume was entered.
Errant	bool See notes below. true	HSC	Errant	The HSC has marked this volume errant. Requires HSC PTF LIH10CC (HSC 4.0) or LIH10CE (HSC 4.1) to produce accurate information.
ExLblReada ble EXLBLRD	bool See notes below. true	HSC	External Label OCR Readable	The cartridge external label is OCR readable.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
ExpireDate EXPDT XDATE	date See notes below. none	TMS	Expire Date	The date the volume will expire based on the expiration date in the tape management system. Special expire dates are: AGE/nnn - Expires nnn days from create or move date; CATLG - Expires when the data set name no longer exists in the MVS system catalog, regardless of the keep date; CATLG/nnn - Expires nnn days after creation and the data set no longer resides in the MVS catalog; CYCLE/nnn - Oldest data set expires after nnn cycles; FOREIGN - Foreign volume; LDATE/nnn - Expires nnn days after last used; MSG/nnn - TMS user-defined; PERM - Never expires; STATS/nnn - Never expires; USER/nnn - Never expires; ZEROS - CA-TLMS value was zeros; Julian date - Expires on the julian date.
ExternalLabel EXLBL	bool See notes below. true	HSC	External Label	The cartridge has an external label.
ExternallyManaged EXTERNAL	bool See notes below. true	TMS	Externally Managed	The volume is defined to the tape management system, but its use is controlled by some other software system.
FrozenToLSMGroup	bool See notes below. true	ExLM	Frozen To LSM Group	The volume has both EJECT(NO) and a specific LSMGRP assigned by its Management Method.
GDG	bool See notes below. true	TMS	GDG	The volume is a member of a Generation Data Group.
GDGWrap	bool See notes below. true	TMS	GDG Wrap	The volume is a member of a Generation Data Group where the Gnnnn number has wrapped from 9999 to 0001.
Generation GEN	int 5 none	TMS	Generation Number	The relative generation number + 1, based on the tape management system.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
Held	bool See notes below. true	ExLM, HSC, TMS	Held	The nonscratch volume will not be ejected because one of the Held flags was on. Possible held reasons are: Cyclesoon, Minenter, Minref, or Pulllist.
HeldForCyc leSoon HCYLSOO N	bool See notes below. true	TMS	Held For Cyclesoon	The nonscratch volume will not be ejected because the controlling data set is due to expire within a specified number of days. Controlled by: Explorer: Methods folder Limits tab; Parameter File: the CYCLESOON parameter on the OPTIONS statement.
HeldForMin Enter HMINENT	bool See notes below. true	HSC	Held For MinEnter	The nonscratch volume will not be ejected because it was entered into an LSM within a specified number of days. This is determined by: Explorer: Methods folder Limits tab; Parameter File: the MINENTER parameter on the OPTIONS statement.
HeldForMin Ref HMINREF	bool See notes below. true	HSC, MVC, TMS, VTV	Held For MinRef	The nonscratch volume will not be ejected because it has been referenced within a specified number of days. This is determined by: Explorer: Methods folder Limits tab; Parameter File: the MINREF parameter on the OPTIONS statement.
HeldForPull List HPULLLIS T	bool See notes below. true	ExLM	Held For PullList	The nonscratch volume will not be ejected because it was found on a Pull List.
HoursSince CreationV TV CVHOURS	int 5 avg	VTV	Hours Since Creation VTV	The number of hours since creation as recorded by VSM for a VTV (Virtual Tape Volume).
HoursSince ReferenceV TV RVHOURS	int 5 avg	VTV	Hours Since Ref VTV	The number of hours since reference as recorded by VSM for a VTV (Virtual Tape Volume).
HSCScratch HSCSCR	bool See notes below. true	HSC	HSC Scratch	The status recorded by the HSC for the volume is scratch.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
Ignored	bool See notes below. true	ExLM	Ignored	ExLM does not retain any tape management system information for this volume and will not eject or move this volume. This is determined by: Explorer: the TMS tab of the Subpool object; Parameter File: the IGNORE parameter on the SUBPOOL statement.
InitialACSI D IACSID	char (alternate) 2 none	HSC, MVC	Initial ACS ID	The ACS ID in which the volume resided at the beginning of the ExLM run.
InitialLSM Cell ILSMCELL	char (alternate) 14 none	HSC	Initial LSM Cell	The coordinates of the LSM Cell where the volume resided at the beginning of the ExLM run.
InitialLSM Column ILSMCOL	int 2 none	HSC	Initial LSM Column	The LSM Column number where the volume resided at the beginning of the ExLM run.
InitialLSM Group ILSMGRP	char (alternate) 10 none	ExLM	Initial LSM Group	The name of the LSM Group where the volume resided at the beginning of the ExLM run.
InitialLSMI D ILSMID	char (alternate) 5 none	HSC, MVC	Initial LSM ID	The LSM ID where the volume resided at the beginning of the ExLM run.
InitialLSM Name ILSMNAME	char (alternate) 10 none	ExLM	Initial LSM Name	The Name of the LSM where the volume resided at the beginning of the ExLM run.
InitialLSM Panel ILSMPNL	int 2 none	HSC	Initial LSM Panel	The LSM Panel number where the volume resided at the beginning of the ExLM run.
InitialLSM PanelFrozen ILSMPNLF Z	bool See notes below. true	HSC	Initial LSM Panel Frozen	The volume resided in a frozen panel at the beginning of the ExLM run.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
InitialLSM Row ILSMROW	int 2 none	HSC	Initial LSM Row	The LSM Row number where the volume resided at the beginning of the ExLM run.
InLSM	bool See notes below. true	HSC, MVC	In LSM	The volume is in an LSM at the beginning of an ExLM run.
InManaged LSM INMANLS M	bool See notes below. true	ExLM	In Managed LSM	The volume is in a MANAGED LSM at the beginning of an ExLM run.
InTMS	bool See notes below. true	TMS	In TMS	The volume is in a tape management system defined to ExLM.
LastUsedT MSDrive LUTDRIVE	char (alternate) 4 none	TMS	Last Used Drive	The unit address of the tape drive on which the tape was last used, printed as a hexadecimal character string.
LocationCo de LOCCODE	char 8 none	TMS	Location Code	The identifier assigned to a tape volume by the tape management system to identify the intended storage location for that volume.
LocationDat e LDATE LOCDATE	date See notes below. none	TMS	Location Date	The date the volume was moved to the tape management system's tape storage location.
LocationNa me LOCNAME	char (alternate) 10 none	ExLM	Location Name	The name of the tape storage location. Location Names are not defined to the tape management system, but are assigned by ExLM from tape management system information as specified by: Explorer: the Location object Codes tab; Parameter File: the Location statement Code parameter.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
LocationSequence LOCSEQ	int 5 none	ExLM	Location Sequence	The number that ExLM assigned to each location to determine the order that tapes at that location are ejected. Controlled by: Explorer: the Locations folder Order tab; Parameter File: the order of Location statements in the parameter file.
Managed	bool See notes below. true	ExLM	Managed	The volume is covered by a MANAGE statement.
ManagedIndividually MANIND	bool See notes below. true	ExLM	Managed Individually	The volume is managed individually, but is part of a multi-volume data set. This happens if all of the volumes in the volume set are not assigned the same Management Method.
ManagementClass MGMTCLASS	char (alternate) 8 none	TMS	Management Class	The name of the SMS Management Class for the volume.
MaxUseCount	int 4 none	HSC	Maximum Use Count	The maximum usage for a cleaning cartridge set by the VOLATTR Maxclean or MNTD Maxclean value.
MediaSource MEDIAS	char (alternate) 6 none	ExLM	Media Source	The source of information used to determine the volume's MediaType value. DFLT The media type defaulted to Standard. HSCCDS The HSC Control Data Set. VOLDEF The VOLATTR statements contained in the file identified by the HSC VOLDEF parameter. VSMVTV VSM Virtual Tape Volume information.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
MediaType MEDIA MEDIAT	char (alternate) 8 none	HSC, MVC, VTV	Media Type	<p>The media type of the volume.</p> <p>DD3A 10 Gb capacity helical cartridge.</p> <p>DD3B 25 Gb capacity helical cartridge.</p> <p>DD3C 50 Gb capacity helical cartridge.</p> <p>DD3D Cleaning cartridge for helical drives.</p> <p>ECART Enhanced Capacity tape (3490).</p> <p>JCART EE-tape media.</p> <p>Long 3490E extended capacity cartridge.</p> <p>LTO-100G LTO 100GB capacity cartridge.</p> <p>LTO-10G LTO 10GB capacity cartridge.</p> <p>LTO-200G LTO 200GB capacity cartridge.</p> <p>LTO-35G LTO 35GB capacity cartridge.</p> <p>LTO-400G LTO 400GB capacity cartridge.</p> <p>LTO-50G LTO 50GB capacity cartridge.</p> <p>LTO-CLN1 LTO cleaning type 1 cartridge.</p> <p>LTO-CLN2 LTO cleaning type 2 cartridge.</p> <p>LTO-CLNU LTO universal cleaning cartridge.</p> <p>SDLT Super DLT cartridge.</p> <p>SDLT-2 Super DLT model 2 cartridge.</p> <p>Standard Standard length 3480 cartridge.</p> <p>STK1R 9840 data cartridge.</p> <p>STK1U Cleaning cartridge for 9840 transports.</p> <p>STK2P T9940A data cartridge.</p> <p>STK2W Cleaning cartridge for T9940 transports.</p> <p>T10000CT Titanium cleaning cartridge.</p> <p>T10000T1 Titanium full capacity cartridge.</p>
				<p>T10000TS Titanium full capacity cartridge.</p> <p>VIRTUAL Virtual Tape Volume (VTV) in the StorageTek Virtual Storage Manager system.</p> <p>ZCART 3490EE ZCART media.</p>

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
MethodColumn MTHCOL	int 2 none	ExLM	Method Column	The column in the ExLM parameter file (generated when using the Explorer) in which the associated Management Method was coded. See also the MethodName and MethodLineNum fields.
MethodCondNum MTHCOND	int 4 none	ExLM	Method Cond Num	Explorer: The number of the Condition of the Method object that applies to this volume. A value of zero indicates that the OTHERWISE attributes for the Method were applied. Parameter File: The occurrence of the Cond parameter on the Method statement that applies to this volume. A value of zero indicates that the default attributes for the Method were applied.
MethodEject MTHEJ	char (alternate) 8 none	ExLM	Method Eject	The Eject attribute of the Management Method assigned to this volume. ASNEEDED Eject this volume only when room is needed to meet free cell and/or volume management criteria. NO Never eject this volume. YES Always eject this volume.
MethodLineNum MTHLINE	int 5 none	ExLM	Method Line Num	The line in the ExLM parameter file (generated when using the Explorer) in which the associated Management Method was coded. See also the MethodName and MethodColumn fields.
MethodLSMGroup MTHLSMRP	char (alternate) 10 none	ExLM	Method LSM Group	The LSM Group assigned to this volume by its Management Method.
MethodName METHOD MTH MTHNAME	char (alternate) 10 none	ExLM	Method Name	The name of the Management Method assigned to this volume.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
MethodOrder MTHORD	int 3 none	ExLM	Method Order	The order in which the volume may be picked for ejection or demotion. This is determined by: Explorer: the Pick Order of the applicable Condition on the Conditions tab of the Method object; Parameter File: the Order(n) parameter of the Method statement.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
MethodReason MTHRSN	char (alternate) 10 none	ExLM	Method Reason	<p>The reason that the associated Management Method was chosen.</p> <p>Clean Dataset Cleaning cartridge criteria. Explorer: A Data Set Identifier specified on the Methods folder Data Set tab applied to this volume. Parameter File: A Dataset statement applied to this volume.</p> <p>Default No specified condition applied to this volume.</p> <p>EjBad The tape management system indicated that this volume is defective and: Explorer: the Bad Scratch option on the Action tab of the Run object was checked; Parameter File: the Ejbad parameter on the Options statement was specified.</p> <p>External The volume is marked as externally managed in the tape management system.</p> <p>HSCOnly The tape volume is not in a tape management system.</p> <p>Ignore Explorer: The TMS tab of the Subpool object specified that ExLM should not take actions such as sync, eject, and move for this volume's Subpool. Parameter File: The Ignore parameter on the Subpool statement applied to this volume.</p> <p>Location Explorer: The Location tab of the Methods folder specified that the volume should be ejected. Parameter File: A Location statement applied to this volume and specified a Management Method with the Eject attribute.</p> <p>LSMEject Explorer: A Method object with the Eject(Yes) attribute applied to this volume. Parameter File: An Eject(Yes) parameter on a Method statement applied to this volume.</p>
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Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
MethodUncond MTHUNCOND	bool See notes below. true	ExLM	Method UNCOND	Explorer: This volume is externally managed and the External tab of the Methods folder indicated that the Method could not be overridden, or the volume's Method was set using the Method Input File and its entry included the U indicator. Parameter File: This volume's method was assigned using the Uncond keyword. Uncond may be specified for the External or HSCOnly options, and by the U indicator in the Methodfile.
MountDate MDATE	date See notes below. none	HSC	Mount Date	The date the volume was last mounted in an LSM.
Mounted	bool See notes below. true	HSC	Volume Currently Mounted	The volume is currently mounted.
MountTime MTIME	time See notes below. none	HSC	Mount Time	The time of day the volume was last mounted in an LSM.
MVC	bool See notes below. true	MVC	MVC	The volume is a Multiple Volume Cartridge for VSM.
MVCAudit	bool See notes below. true	MVC	MVC Audit	The MVC is either being audited or the audit failed. If the audit failed, VTCS will not use the MVC for migration. To clear this condition, rerun the AUDIT against this MVC.
MVCAvailable MVCAVAL	int 3 none	MVC	MVC %Available	The percentage of the MVC available for use.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
MVCBroken	bool See notes below. true	MVC	MVC Broken	The MVC has an error that should be investigated. The error might not make the MVC unusable, but VTCS does not select the MVC for migration for 12 hours after this status has been set to true. After the 12 hour period, the MVC is least preferred for subsequent migrations, and recalls from the MVC can cause VTCS to drain it. This error condition can be accompanied by messages SLS6686, SLS6687, SLS6688, SLS6690 and/or SLS6693. Any of the following conditions can cause this MVC error: MVC corrupted by another job (other than VTCS/VTSS). Attempt to use a read-only MVC for migration. A DDR swap failure. An RTD failure.
MVCConsolidateDate	date See notes below. none	MVC	Consolidate MVC Date	The date on which the MVC was consolidated as recorded by VSM.
MVCConsolidateTime	time See notes below. none	MVC	MVC Consolidate Time	For a consolidation MVC, this field displays the time of the consolidation.
MVCConsolidation	bool See notes below. true	MVC	MVC Consolidation	The MVC is a consolidation MVC.
MVCDataCheck	bool See notes below. true	MVC	MVC Data Check	A data check was reported for this MVC. VSM will not use this MVC again for migration.
MVCDrained	bool See notes below. true	MVC	MVC Drained	The MVC is being drained because of one of: 1) an automatic drain or demand reclaim. 2) an explicit MVCDRAIN command, 3) The previous DRAIN request failed, in which case VTCS will not use the MVC for migration. To clear this condition, enter MVCDRAIN against MVC without the Eject option.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
MVCEject	bool See notes below. true	MVC	MVC Eject	The MVC is in the process of eject either because you issued MVCDRainEject or the MVC was ejected for update by a RACROUTE call. The MVC will not be used again for migration or recall. To clear this condition, use MVCDRain against MVC without the Eject option.
MVCExport	bool See notes below. true	MVC	MVC Export	The MVC is an export MVC.
MVCFragm ented MVCFRAG	int 3 none	MVC	MVC %Fragment ed	The percentage of the MVC that is not available due to fragmentation.
MVCFull	bool See notes below. true	MVC	MVC Full	There is no space available on the MVC.
MVCInitiali zed	bool See notes below. true	MVC	MVC Initialized	The MVC has been initialized.
MVCInUse	int 3 none	MVC	MVC %In Use	The percentage of the MVC used by valid Virtual Tape Volumes.
MVCInvalid dMIR	bool See notes below. true	MVC	MVC Invalid MIR	The MVC has an invalid MIR.
MVCLost	bool See notes below. true	MVC	MVC Lost	The MVC was not mounted in response to the last mount request. The MVC can still be used for migration, but will not select the MVC for migration for 12 hours after it is marked lost. After the 12 hour period, the MVC will be least preferred. This condition will clear itself the next time that the MVC is mounted.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
MVCMaximumReached	bool See notes below. true	MVC	MVC Maximum VTVs	The MVC has reached the maximum VTVs per MVC.
MVCMediaSize	int 6 none	MVC	MVC Media Size (MB)	The size in MB of the MVC. This is determined only after VTCS has used an MVC. "UNKNOWN" appears in this field until VTCS migrates a VTV to the MVC.
MVCMountDate	date See notes below. none	MVC	Mount MVC Date	The date on which the MVC was mounted, as recorded by VTSS.
MVCMountTime	time See notes below. none	MVC	MVC Mount Time	The time the MVC was last mounted, as recorded by VTSS.
MVCReadOnly	bool See notes below. true	MVC	MVC Read Only	The MVC has been marked read-only.
MVCRetired	bool See notes below. true	MVC	MVC Retired	The MVC is retired.
MVCStorageClass MVCSTORCLASS	char 8 none	MVC	MVC Storage Class	The VTCS Storage Class for the volume.
MVCUsableForMigration	bool See notes below. true	MVC	MVC Usable Migration	Indicates whether the MVC can be used for migration.
MVCUsedMVCTimesMounted	int 3 none	MVC	MVC Used	The number of times the MVC has been mounted.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
MVCVTSS	char 6 none	MVC	MVC VTSS Last Mounted	VTSS name where the MVC was last used.
MVCVTVC ount MVCVTVC NT	int 4 sum	MVC_V TV	MVC VTV Count	The number of valid Virtual Tape Volumes on the MVC.
NonScratch NONSCR	bool See notes below. true	HSC, TMS	Non- Scratch	The volume is not classified as a scratch volume.
Notuseable NOUSE	bool See notes below. true	HSC	Not Useable	The HSC has marked this volume as not useable.
OnPullList ONPL	bool See notes below. true	ExLM	On Pull List	The volume is on a Pull List.
OverMaxCl ean OverHSCM AXCLN	bool See notes below. true	HSC	Over MAXCLN	The cleaning cartridge has exceeded its maximum usage count.
PermanentR eadErrors	int 4 sum	TMS	Permanent Read Errors	The number of permanent read errors for the volume.
Permanent WriteErrors	int 4 sum	TMS	Permanent Write Errors	The number of permanent write errors for the volume.
PlannedAC SID PACSID	char (alternate) 2 none	ExLM	Planned ACS ID	The ACS ID ExLM has determined the volume should be in at the end of the ExLM run. This is planned only. Check the ActionStatus field to determine if this is the final ACS ID.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
PlannedLS MGroup PLSMGRP	char (alternate) 10 none	ExLM	Planned LSM Group	The LSM Group ExLM has determined the volume should be in at the end of the ExLM run. This is planned only. Check the ActionStatus field to determine if this is the final LSM Group.
PlannedLS MID PLSMID	char (alternate) 5 none	ExLM	Planned LSM ID	The LSM ID ExLM has determined the volume should be in at the end of the ExLM run. This is planned only. Check the ActionStatus field to determine if this is the final LSM ID.
PlannedLS MName PLSMNAM E	char (alternate) 10 none	ExLM	Planned LSM Name	The LSM Name ExLM has determined the volume should be in at the end of the ExLM run. This is planned only. Check the ActionStatus field to determine if this is the final LSM Name.
PullListNa me PLNAME	char (alternate) 10 none	ExLM	Pull List Name	The name of the Pull List for the volume.
RECTECH	char 8 none	HSC	Recording Technique	The recording technique for the volume.
ReferenceD ate RDATE	date See notes below. none	HSC, TMS	Reference Date	The date of last reference for the volume. This is the value used by ExLM. The first available field of the following determines the reference date: ReferenceTMSDate, ReferenceMVCDate, ReferenceVTVDate, MountDate, SelectDate. If all volumes of a multi-volume data set are covered by the same Management Method, the most recent reference date for any volume will be used by ExLM for all volumes in the multi-volume data set.
ReferenceM VCDate RMDATE	date See notes below. none	MVC	Reference MVC Date	The date on which the MVC was last referenced, as recorded by VSM.
ReferenceT MSDate RTDATE	date See notes below. none	TMS	Reference TMS Date	The date of the last reference, as recorded in the associated tape management system, for volumes being treated as a unit (Multi-volume support).

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
ReferenceV TVDate RVDATE	date See notes below. none	VTV	Reference VTV Date	The date on which the VTV was last referenced, as recorded by VSM.
ReferenceV TVTime RVTIME	time See notes below. none	VTV	Reference VTV Time	The time of day the volume was last referenced, as recorded by VSM.
RunName	char (alternate) 10 none	ExLM	Run Name	The name of the Run object from the JCL EXEC statement Run PARM.
RunType	char (alternate) 10 none	ExLM	Run Type	The RunType from the JCL EXEC statement RunType PARM.
Scratch SCR	bool See notes below. true	HSC, MVC, Open, TMS, VTV	Scratch	The volume is classified as a scratch volume by ExLM.
Scratched SCRED	bool See notes below. true	ExLM	Scratched	ExLM marked the volume as scratch in the HSC or VSM.
SelectCount SCOUNT	int 5 none	HSC	Select Count	The number of times the volume has been selected by the HSC.
SelectDate SDATE	date See notes below. none	HSC	Select Date	The date the volume was last selected in an LSM.
Selected	bool See notes below. true	HSC	Volume Currently Selected	The volume is currently selected.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
SelectTime STIME	time See notes below. none	HSC	Select Time	The time of day the volume was selected by the HSC.
Serial SER VOL VOLSER VOLUME	char 6 none	HSC, MVC, TMS, VTV	Volume Serial	The 6-character identifier of a tape volume.
Serial1 SER1	char 6 none	TMS	First Serial	The 6-character identifier of the first volume of the volume set associated with this volume.
SL8500Cell	char 24 none	HSC	SL8500 Cell	The physical cell location of a volume that resides in an SL8500 library. The value of this field is missing for volumes that do not reside in an SL8500.
Slot	char 8 none	TMS	Slot	The value assigned to a tape volume by the tape management system to pinpoint the storage place for the volume.
Subpool SP	char (alternate) 16 none	ExLM	Subpool	The name of the Subpool managing a group of volume serial numbers. This is defined in the ExLM Subpool object (Explorer) or Subpool statement (Parameter File).
SubpoolId SPID	char (alternate) 13 none	HSC	Subpool ID	Volume subpool ID from the HSC. This will be the 13-character name of the pool if using HSC SCRPOOL statements, or the 3-digit subpool index number if using SLSUX03.
SubpoolLab elType SPLBLTYP	char (alternate) 3 none	HSC	Subpool Label Type	Volume subpool label type from the HSC.
TapeGroup TG	char (alternate) 25 none	ExLM	Tape Group	The name of the tape group of a volume. Explorer: This is defined on the Media tab of the Subpool object. Parameter File: This is defined in the Media parameter of the Subpool statement.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
TemporaryReadErrors	int 4 sum	TMS	Temporary Read Errors	The number of temporary read errors for the volume.
TemporaryWriteErrors	int 4 sum	TMS	Temporary Write Errors	The number of temporary write errors for the volume.
TM#Dsnbs	int 3 none	CA1	CA1 Number DSN Blocks	CA-1-specific number of data set name blocks.
TM128trk	bool See notes below. true	CA1	CA1 Trtch Tm128trk	CA-1-specific recording technique. x'E8' indicates Trk 3590 cartridge tape.
TM18trk	bool See notes below. true	CA1	CA1 Trtch Tm18trk	CA-1-specific recording technique. x'C0' indicates 3480 cartridge tape - 18 tracks.
TM3590	bool See notes below. true	CA1	CA1 Den TM3590	CA-1-specific recording density. x'E8' indicates 3590 cartridge tape.
TM36Trk	bool See notes below. true	CA1	CA1 Trtch Tm36trk	CA-1-specific recording technique. x'E0' indicates 3490 cartridge tape - 36 tracks.
TM36trk2	bool See notes below. true	CA1	CA1 Trtch Tm36trk2	CA-1-specific recording technique. x'E1' indicates 3490E cartridge tape - 36 tracks (extended length).
TM38000	bool See notes below. true	CA1	CA1 Den TM38000	CA-1-specific recording density. x'E3' indicates 38K bpi (cartridge).
TM38KC	bool See notes below. true	CA1	CA1 Den TM38KC	CA-1-specific recording density. x'E7' indicates 38K bpi (cartridge-compacted).

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
TM9trk	bool See notes below. true	CA1	CA1 Trtch Tm9trk	CA-1-specific recording technique. x'80' indicates nine track tape.
TMAbend	bool See notes below. true	CA1	CA1 Flag1 TmAbend	CA-1-specific internal flag bit x'10'. Volume closed byabend.
TMActvl1	char 5 none	CA1	CA1 Actvl1	CA-1-specific actual internal volser
TMActvl2	char 1 none	CA1	CA1 Actvl2	CA-1-specific actual internal volser
TMAcvoli	bool See notes below. true	CA1	CA1 Flag4 TmAcvoli	CA-1-specific internal flag4 bit x'40'. Actual volser in use.
TMAdsnb	int 8 none	CA1	CA1 Address First DSNB	CA-1-specific address (relative to BASE in TMSCTL#2) of first DSNB record associated with this volume record.
TMAldsnb	int 8 none	CA1	CA1 Address Last DSNB	CA-1-specific address (relative to BASE in TMSCTL#2) of last DSNB record associated with this volume record.
TMB1Dis	int 9 none	CA1	CA1 B1Dis	CA-1-specific B1 security disclosure label.
TMB1Int	int 9 none	CA1	CA1 B1Int	CA-1-specific B1 security integrity label.
TMBadtap	bool See notes below. true	CA1	CA1 Flag3 TmBadtap	CA-1-specific internal flag3 bit x'80'. CA-9/R+ indicated bad tape, do not mount for scratch.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
TMBlkcnt	int 10 none	CA1	CA1 Block Count	CA-1-specific data set block count.
TMBlksi	int 5 none	CA1	CA1 Block Size	CA-1-specific maximum block size.
TMBthdt	date See notes below. none	CA1	CA1 Birth Date	CA-1-specific date tape was first used.
TMCatlog	bool See notes below. true	CA1	CA1 Flag2 TmCatlog	CA-1-specific internal flag2 bit x'80'. Data set was on MVS catalog.
TMClean	bool See notes below. true	CA1	CA1 Flag1 TmClean	CA-1-specific internal flag bit x'08'. Volume listed to be cleaned.
TMCIncnt	int 3 none	CA1	CA1 Clean Count	CA-1-specific number of times tape cleaned.
TMClosed	bool See notes below. true	CA1	CA1 Flag1 TmClosed	CA-1-specific internal flag bit x'40'. Volume closed normally.
TMCpgm	char 8 none	CA1	CA1 Create PGM	CA-1-specific creating program name.
TMCrtdt	date See notes below. none	CA1	CA1 Create Date	CA-1-specific creation date.
TMCrtti	time See notes below. none	CA1	CA1 Create Time	CA-1-specific creation time.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
TMCruni	char (alternate) 4 none	CA1	CA1 Create Unit	CA-1-specific address of creation unit.
TMDatcln	date See notes below. none	CA1	CA1 Last Clean Date	CA-1-specific date tape was last cleaned.
TMDdname	char 8 none	CA1	CA1 Create Ddname	CA-1-specific creating ddname.
TMDegau	bool See notes below. true	CA1	CA1 Flag4 Degaussed	CA-1-specific internal flag4 bit x'10'. Tape has been degaussed.
TMDelet	bool See notes below. true	CA1	CA1 Flag1 Deleted	CA-1-specific internal flag bit x'02'. Volume in delete (inactive) status
TMDen	char (alternate) 2 none	CA1	CA1 Recording Density	CA-1-specific recording density.
TMDfault	bool See notes below. true	CA1	CA1 Flag1 Tmdfault	CA-1-specific internal flag bit x'01'. Volume eligible for RDS override.
TMDfexu	bool See notes below. true	CA1	CA1 Flag3 TmDfexu	CA-1-specific internal flag3 bit x'04'. Default expiration date used at open output.
TMDsn	char 44 none	CA1	CA1 Data Set Name	CA-1-specific data set name.
TMDsn17	char 17 none	CA1	CA1 DSN17	CA-1-specific last 17 bytes of dsn.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
TMDynam	bool See notes below. true	CA1	CA1 Flag3 TmDynam	CA-1-specific internal flag3 bit x'10'. Controlled by CA-DYNAM/T.
TMEcatlg	bool See notes below. true	CA1	CA1 Flag2 TmEcatlg	CA-1-specific internal flag2 bit x'08'. Expired from catalog control (TMSCTLG).
TMEcycle	bool See notes below. true	CA1	CA1 Flag2 TmEcycle	CA-1-specific internal flag2 bit x'04'. Expired from cycle control (TMSCYCLE).
TMEdmid	char 4 none	CA1	CA1 EDM ID	CA-1-specific external data manager id.
TMEdmtap	bool See notes below. true	CA1	CA1 Flag3 TmEdmtap	CA-1-specific internal flag3 bit x'20'. Controlled by external data manager.
TMEldate	bool See notes below. true	CA1	CA1 Flag2 TmEldate	CA-1-specific internal flag bit x'02'. Expired from LDATE control (TMSCLEAN).
TMErase	bool See notes below. true	CA1	CA1 Flag3 TmErase	CA-1-specific internal flag3 bit x'08'. Data set erase required.
TMEsms	bool See notes below. true	CA1	CA1 Flag4 TmEsms	CA-1-specific internal flag4 bit x'80'. Tape expired by SMS max retention rules.
TMEtms	bool See notes below. true	CA1	CA1 Flag2 TmEtms	CA-1-specific internal flag bit x'01'. Expired by TMS.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
TMExpdt	date See notes below. none	CA1	CA1 Expire Date	CA-1-specific expiration date.
TMFilcpy	bool See notes below. true	CA1	CA1 Flag3 TmFilcpy	CA-1-specific internal flag3 bit x'01'. Created by CA-1/Copycat.
TMFlag1	char (alternate) 2 none	CA1	CA1 Flag1	CA-1-specific internal flag byte.
TMFlag2	char (alternate) 2 none	CA1	CA1 Flag2	CA-1-specific internal flag byte.
TMFlag3	char (alternate) 2 none	CA1	CA1 Flag3	CA-1-specific internal flag byte.
TMFlag4	char (alternate) 2 none	CA1	CA1 Flag4	CA-1-specific internal flag byte.
TMFlag5	char (alternate) 2 none	CA1	CA1 Flag5	CA-1-specific internal flag byte.
TMFlag6	char (alternate) 2 none	CA1	CA1 Flag6	CA-1-specific internal flag byte.
TMFrsvol	char 6 none	CA1	CA1 First Serial	CA-1-specific first volser of data set.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
TMIntal	bool See notes below. true	CA1	CA1 Flag1 TmIntal	CA-1-specific internal flag1 bit x'80'. Internal field changed by user.
TMInuse	bool See notes below. true	CA1	CA1 Flag4 TmInuse	CA-1-specific internal flag4 bit x'02'. Tape is in use for RTS (Real Time Stacking).
TMIsclat	bool See notes below. true	CA1	CA1 Flag4 TmIsclat	CA-1-specific internal flag4 bit x'08'. File on OS catalog.
TMJobnm	char 8 none	CA1	CA1 Creating Job Name	CA-1-specific creating job name.
TMLasusd	date See notes below. none	CA1	CA1 Last Used	CA-1-specific date last used.
TMLasusj	char 8 none	CA1	CA1 Last Job	CA-1-specific job name which last used volume.
TMLasust	time See notes below. none	CA1	CA1 Last Time	CA-1-specific time last used.
TMLpgm	char 8 none	CA1	CA1 Last PGM	CA-1-specific last used program name.
TMLrecl	int 5 none	CA1	CA1 LRECL	CA-1-specific logical record length.
TMLtype	char 3 none	CA1	CA1 Label	CA-1-specific tape label type. One of SL, SUL, NL, NSL, BLP, AL1, AU1, AL3, AU3.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
TMNostak	bool See notes below. true	CA1	CA1 Flag4 TmNostak	CA-1-specific internal flag4 bit x'01'. No further stacking allowed.
TMNrs	bool See notes below. true	CA1	CA1 Flag4 TmNrs	CA-1-specific internal flag4 bit x'04'. Non-resident tape.
TMNxtVol	char 6 none	CA1	CA1 Next Serial	CA-1-specific next volser of data set.
TMOutar	char 4 none	CA1	CA1 Outcode	CA-1-specific location id of out-of-area tape.
TMOutdat	date See notes below. none	CA1	CA1 Outdate	CA-1-specific date tape was marked out-of-area.
TMOutput	bool See notes below. true	CA1	CA1 Flag2 TmOutput	CA-1-specific internal flag2 bit x'40'. Volume opened for output.
TMPrerrc	int 5 none	CA1	CA1 Perm Read Since Clean	CA-1-specific number of permanent read errors since cleaned.
TMPrerri	int 5 none	CA1	CA1 Perm Read Since Init	CA-1-specific number of permanent read errors since initialized.
TMPrvvol	char 6 none	CA1	CA1 Previous Serial	CA-1-specific previous volser of data set.
TMPwerrc	int 5 none	CA1	CA1 Perm Write Since Clean	CA-1-specific number of permanent write errors since cleaned.
TMPwerri	int 5 none	CA1	CA1 Perm Write Since Init	CA-1-specific number of permanent write errors since initialized.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
TMRecfm	char 3 none	CA1	CA1 RECFM	CA-1-specific record format. One of V, VA, VS, VB, VBM, VBA, VBS, F, FM, FA, FS, FB, FBM, FBA, FBS, U.
TMRedwd1	bool See notes below. true	CA1	CA1 Trtch TmRedwd1	CA-1-specific recording technique. x'E4' indicates Redwood 12.5G capacity.
TMRedwd2	bool See notes below. true	CA1	CA1 Trtch TmRedwd2	CA-1-specific recording technique. x'E5' indicates Redwood 25G capacity.
TMRedwd3	bool See notes below. true	CA1	CA1 Trtch TmRedwd3	CA-1-specific recording technique. x'E6' indicates Redwood 50G capacity.
TMRelevm	bool See notes below. true	CA1	CA1 Flag3 TmRelevm	CA-1-specific internal flag3 bit x'40'. Tape released by external vault manager.
TMReuse	bool See notes below. true	CA1	CA1 Flag2 TmReuse	CA-1-specific internal flag2 bit x'20'. Data set recreated.
TMRobid	int 2 none	CA1	CA1 Robid	CA-1-specific robotic device indicator.
TMRoby	int 2 none	CA1	CA1 Robty	CA-1-specific tape in robotic device.
TMSBad	bool See notes below. true	Open, TMS	TMS Bad	The volume has been marked defective in the tape management system.
TMSrctch	bool See notes below. true	CA1	CA1 Flag1 Scratch	CA-1-specific internal flag bit x'04'. Volume in scratch status.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
TMSExpired	bool See notes below. true	Open, TMS	TMS Expired	The volume is marked expired in the tape management system.
TMSlot	char 8 none	CA1	CA1 Slot	CA-1-specific vault slot number.
TMSmsmc	char 8 none	CA1	CA1 SMS Mgt Class	CA-1-specific SMS management class.
TMSName	char (alternate) 10 none	ExLM	TMS Name	The name of the tape management system defined on the TMS statement.
TMSReel	bool See notes below. true	Open, TMS	TMS Reel	The volume is marked as a 9-track reel tape in the tape management system.
TMSScratch TMSSCR	bool See notes below. true	TMS	TMS Scratch	The tape management system has the scratch flag set for this volume.
TMStack	bool See notes below. true	CA1	CA1 Flag5 TmStack	CA-1-specific internal flag5 bit x'80'. Tape has been used by RTS.
TMStpnam	char 8 none	CA1	CA1 Creating Step	CA-1-specific creating step name.
TMSUse	int 5 none	Open, TMS	TMS Use Count	The number of times the volume has been used.
TMTempds	bool See notes below. true	CA1	CA1 Flag2 Temp DS	CA-1-specific internal flag2 bit x'10'. Temporary data set.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
TMTrerrc	int 5 none	CA1	CA1 Temp Read Since Clean	CA-1-specific number of temporary read errors since cleaned.
TMTrerri	int 5 none	CA1	CA1 Temp Read Since Init	CA-1-specific number of temporary read errors since initialized.
TMTrtch	char (alternate) 2 none	CA1	CA1 TRTCH	CA-1-specific recording technique.
TMTwerrc	int 5 none	CA1	CA1 Temp Write Since Clean	CA-1-specific number of temporary write errors since cleaned.
TMTwerri	int 5 none	CA1	CA1 Temp Write Since Init	CA-1-specific number of temporary write errors since initialized.
TMUcount	int 5 none	CA1	CA1 Uses Since Birth	CA-1-specific number of times tape opened since birthdate.
TMUltif	bool See notes below. true	CA1	CA1 Flag3 TmUltif	CA-1-specific internal flag3 bit x'02'. Additional files exist in volume set.
TMUpdate	bool See notes below. true	CA1	CA1 Flag1 TmUpdate	CA-1-specific internal flag bit x'20'. Volume record updated by user.
TMUsecln	int 2 none	CA1	CA1 Uses Since Clean	CA-1-specific use count at last cleaning.
TMUser TMAcct	char 50 none	CA1	CA1 Acct	CA-1-specific user job accounting area.
TMUsuni	char (alternate) 4 none	CA1	CA1 Last Unit	CA-1-specific address of unit last used.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
TMVabtch	int 2 none	CA1	CA1 Batchid	CA-1-specific id of last CA-1 program to update record.
TMVacode	int 2 none	CA1	CA1 Aucode	CA-1-specific audit code.
TMVacpu	char 4 none	CA1	CA1 CPU ID	CA-1-specific id of CPU used for last update.
TMVadate	date See notes below. none	CA1	CA1 Last Update Date	CA-1-specific date of last update.
TMVafgl	int 3 none	CA1	CA1 Auflag1	CA-1-specific audit flag.
TMVahook	int 3 none	CA1	CA1 Hookid	CA-1-specific id of last intercept to update record.
TMVatime	time See notes below. none	CA1	CA1 Last Update Time	CA-1-specific time of last update.
TMVauser	char 8 none	CA1	CA1 Userid	CA-1-specific id of last user to update record.
TMVendor	char 8 none	CA1	CA1 Vendor	CA-1-specific tape vendor name.
TMValseq	int 3 none	CA1	CA1 Seq Num	CA-1-specific volume sequence number.
TMVolser	char 6 none	CA1	CA1 Volume Serial	CA-1-specific volume serial number.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
TMVsr	bool See notes below. true	CA1	CA1 Flag4 TmVsr	CA-1-specific internal flag4 bit x'20'. Vault specific request.
Unscratched UNSCRED	bool See notes below. true	ExLM	Unscratched	ExLM marked the volume as not scratch in the HSC or VSM.
UserBool1	bool See notes below. true	Custom, Open	User-Define d Boolean Field 1	User-defined Boolean field for a volume.
UserBool10	bool See notes below. true	Custom, Open	User-Define d Boolean Field 10	User-defined Boolean field for a volume.
UserBool2	bool See notes below. true	Custom, Open	User-Define d Boolean Field 2	User-defined Boolean field for a volume.
UserBool3	bool See notes below. true	Custom, Open	User-Define d Boolean Field 3	User-defined Boolean field for a volume.
UserBool4	bool See notes below. true	Custom, Open	User-Define d Boolean Field 4	User-defined Boolean field for a volume.
UserBool5	bool See notes below. true	Custom, Open	User-Define d Boolean Field 5	User-defined Boolean field for a volume.
UserBool6	bool See notes below. true	Custom, Open	User-Define d Boolean Field 6	User-defined Boolean field for a volume.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
UserBool7	bool See notes below. true	Custom, Open	User-Define d Boolean Field 7	User-defined Boolean field for a volume.
UserBool8	bool See notes below. true	Custom, Open	User-Define d Boolean Field 8	User-defined Boolean field for a volume.
UserBool9	bool See notes below. true	Custom, Open	User-Define d Boolean Field 9	User-defined Boolean field for a volume.
UserChar1	char 20 none	Custom, Open	User-Define d Character Field 1	User-defined character field for a volume.
UserChar10	char 20 none	Custom, Open	User-Define d Character Field 10	User-defined character field for a volume.
UserChar2	char 20 none	Custom, Open	User-Define d Character Field 2	User-defined character field for a volume.
UserChar3	char 20 none	Custom, Open	User-Define d Character Field 3	User-defined character field for a volume.
UserChar4	char 20 none	Custom, Open	User-Define d Character Field 4	User-defined character field for a volume.
UserChar5	char 20 none	Custom, Open	User-Define d Character Field 5	User-defined character field for a volume.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
UserChar6	char 20 none	Custom, Open	User-Define d Character Field 6	User-defined character field for a volume.
UserChar7	char 20 none	Custom, Open	User-Define d Character Field 7	User-defined character field for a volume.
UserChar8	char 20 none	Custom, Open	User-Define d Character Field 8	User-defined character field for a volume.
UserChar9	char 20 none	Custom, Open	User-Define d Character Field 9	User-defined character field for a volume.
UserDate1	date See notes below. none	Custom, Open	User-Define d Date Field 1	User-defined date field for a volume.
UserDate10	date See notes below. none	Custom, Open	User-Define d Date Field 10	User-defined date field for a volume.
UserDate2	date See notes below. none	Custom, Open	User-Define d Date Field 2	User-defined date field for a volume.
UserDate3	date See notes below. none	Custom, Open	User-Define d Date Field 3	User-defined date field for a volume.
UserDate4	date See notes below. none	Custom, Open	User-Define d Date Field 4	User-defined date field for a volume.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
UserDate5	date See notes below. none	Custom, Open	User-Define d Date Field 5	User-defined date field for a volume.
UserDate6	date See notes below. none	Custom, Open	User-Define d Date Field 6	User-defined date field for a volume.
UserDate7	date See notes below. none	Custom, Open	User-Define d Date Field 7	User-defined date field for a volume.
UserDate8	date See notes below. none	Custom, Open	User-Define d Date Field 8	User-defined date field for a volume.
UserDate9	date See notes below. none	Custom, Open	User-Define d Date Field 9	User-defined date field for a volume.
UserInt1	int 7 none	Custom, Open	User-Define d Integer Field 1	User-defined integer field for a volume.
UserInt10	int 7 none	Custom, Open	User-Define d Integer Field 10	User-defined integer field for a volume.
UserInt2	int 7 none	Custom, Open	User-Define d Integer Field 2	User-defined integer field for a volume.
UserInt3	int 7 none	Custom, Open	User-Define d Integer Field 3	User-defined integer field for a volume.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
UserInt4	int 7 none	Custom, Open	User-Define d Integer Field 4	User-defined integer field for a volume.
UserInt5	int 7 none	Custom, Open	User-Define d Integer Field 5	User-defined integer field for a volume.
UserInt6	int 7 none	Custom, Open	User-Define d Integer Field 6	User-defined integer field for a volume.
UserInt7	int 7 none	Custom, Open	User-Define d Integer Field 7	User-defined integer field for a volume.
UserInt8	int 7 none	Custom, Open	User-Define d Integer Field 8	User-defined integer field for a volume.
UserInt9	int 7 none	Custom, Open	User-Define d Integer Field 9	User-defined integer field for a volume.
UserTime1	time See notes below. none	Custom, Open	User-Define d Time Field 1	User-defined time field for a volume.
UserTime10	time See notes below. none	Custom, Open	User-Define d Time Field 10	User-defined time field for a volume.
UserTime2	time See notes below. none	Custom, Open	User-Define d Time Field 2	User-defined time field for a volume.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
UserTime3	time See notes below. none	Custom, Open	User-Define d Time Field 3	User-defined time field for a volume.
UserTime4	time See notes below. none	Custom, Open	User-Define d Time Field 4	User-defined time field for a volume.
UserTime5	time See notes below. none	Custom, Open	User-Define d Time Field 5	User-defined time field for a volume.
UserTime6	time See notes below. none	Custom, Open	User-Define d Time Field 6	User-defined time field for a volume.
UserTime7	time See notes below. none	Custom, Open	User-Define d Time Field 7	User-defined time field for a volume.
UserTime8	time See notes below. none	Custom, Open	User-Define d Time Field 8	User-defined time field for a volume.
UserTime9	time See notes below. none	Custom, Open	User-Define d Time Field 9	User-defined time field for a volume.
VolumeSequ enceNumbe r VOLSEQ	int 3 none	TMS	Seq Num	The volume sequence number of the volume.
VTV	bool See notes below. true	VTV	VTV	The volume is a Virtual Tape Volume (VTV), as reported by VSM.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
VTVCompressionPercentage	int 2 avg	VTV	VTV Compression Percentage	This is the difference between the uncompressed and compressed VTV size expressed as a percentage of the uncompressed VTV size. For example, if a 100MB VTV compresses to 40MB, then the compression percentage will be given as 60%. A compression of 0% indicates that no compression was possible on the VTV.
VTVConsolidated	bool See notes below. true	VTV	VTV Consolidated	Indicates whether a VTV is currently consolidated.
VTVDuplexed	bool See notes below. true	VTV	VTV Duplexed	The VTV has at least 2 copies.
VTVFenced	bool See notes below. true	VTV	VTV Fenced	The VTV's state is unknown to VTSS.
VTVInitialized	bool See notes below. true	VTV	VTV Initialized	The VTV has been initialized by VTSS.
VTVInvalid VTVDEL VTVDELETED VTVINV	bool See notes below. true	VTV	VTV Invalid	The VTV is invalid in VSM.
VTVManagementClass VTVMGM TCLAS VTVMGIC LASS	char 8 none	VTV	VTV Management Class	The VSM management class for the VTV.
VTVMaximumSize	int 4 none	VTV	VTV Maximum Size (MB)	The maximum size of the VTV in megabytes.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
VTVMigrated VTVMIG	bool See notes below. true	VTV	VTV Migrated	The VTV is migrated in VSM.
VTVMounted VTVMNTD	bool See notes below. true	VTV	VTV Mounted	The VTV is mounted according to VSM.
VTVMVCI D1	char 6 none	VTV	VTV MVC1	The MVC volser on which the VTV resides.
VTVMVCI D2	char 6 none	VTV	VTV MVC2	The MVC volser on which a duplicate or consolidation copy of the VTV resides. Note: If the VTV is consolidated during an ExLM run, the value of this field will be updated after the consolidation is performed. The POSTACTION value will reflect the consolidation MVC for this VTV.
VTVMVCI D3	char 6 none	VTV	VTV MVC3	The MVC volser on which a duplicate or consolidation copy of the VTV resides.
VTVMVCI D4	char 6 none	VTV	VTV MVC4	The MVC volser on which a duplicate or consolidation copy of the VTV resides.
VTVNewCreate	bool See notes below. true	VTV	VTV Newly Created	Indicates whether the VTV was newly created when it was last resident.
VTVRecall Date	date See notes below. none	VTV	VTV Recall Date	Date VTV was recalled to the VTSS buffer.
VTVRecall Time	time See notes below. none	VTV	VTV Recall Time	Time VTV was recalled to the VTSS buffer.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
VTVReplicationStatus	char 14 none	VTV	VTV Replication Status	Status of VTV replication. C Replication has completed. R Replication is required but not started S Replication has started
VTVResident	bool See notes below. true	VTV	VTV Resident	Indicates whether a VTV is resident in a VTSS.
VTVScratch VTVSCR	bool See notes below. true	VTV	VTV Scratch	The VTV is scratch, as recorded by VSM.
VTVSizeCompressed	int 4 sum	VTV	VTV Size Compressed (MB)	The actual compressed size of the VTV in megabytes.
VTVSizeUncompressed VTVMedia Size	int 4 sum	VTV	VTV Size Uncompressed (MB)	The actual uncompressed size of the VTV in megabytes.
VTVTimesRead	int 7 none	VTV	VTV Times Read	The number of times the VTV has been read.
VTVUnavailable VTVUNAVAIL	bool See notes below. true	VTV	VTV Unavailable	The VTV is unavailable because it is either mounted, resident, or fenced according to VSM.
VTVVTSS	char 8 none	VTV	VTV VTSS	The Virtual Tape SubSystem (VTSS) in which the VTV resides.

Table 5. REPORT VOLUME Statement Fields

Field	Type Size Summary	Source	Report Heading	Description
WrongScratchStatus WRNGSCRST	bool See notes below. true	ExLM	Wrong Scratch Status	<p>The scratch status indicator in the HSC CDS is incorrect. For volumes covered by HSCUNSCR (Explorer: "Set HSC-scratch indicators to OFF" on the Scratch tab of the Run object), the WrongScratchStatus flag indicates that the HSC UNSCRATCH request failed. For volumes not covered by HSCUNSCR, the WrongScratchStatus flag indicates that the scratch status recorded in the HSC CDS or in VSM does not agree with the scratch status in the TMS. This may occur for volumes when the Sync or SyncVTV option (Explorer: Sync tab of Run object) is not in effect or when the associated synchronization request fails. The ExLM log file contains a message for each request failure. ExLM does not set the WrongScratchStatus flag for volumes that are scratch in the TMS but are not scratch in the HSC or in VSM if they are in use at the time ExLM attempts the unscratch operation. This is a normal situation that can occur between the time a tape is allocated and the time it is put back in a cell.</p>

General Fields

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
ACSID	char (alternate) 2 none	Custom LSM Report	ACS ID	The 2-digit hexadecimal number assigned to the Automated Cartridge System.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
Action ACT	char (alternate) 12 none	Custom MVC_VTV Report Custom Volume Report	Action	<p>The action planned to be taken on the volume.</p> <p>Consolidate Planned to consolidate the virtual tape volume.</p> <p>Eject Planned to eject the volume.</p> <p>Enter Planned to enter the volume.</p> <p>Export Planned to export the virtual tape volume.</p> <p>Keep Planned to keep the volume in the initial LSM.</p> <p>Migrate Planned to migrate the virtual tape volume.</p> <p>Move Planned to move the volume.</p> <p>None No action planned.</p> <p>Recall Planned to recall the virtual tape volume.</p> <p>Reclaim Planned to reclaim space on the MVC.</p> <p>Scratch Planned to set the scratch status for the volume in the HSC</p>
188 Quick Reference - PN CRC Update Only				<p>CDS or</p> <p>VTCS to Scratch.</p> <p>Unscratch Planned to set the scratch status</p>

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
ActionReason ACTRSN	char (alternate) 10 none	Custom MVC_VTV Report Custom Volume Report	Action Reason	<p>The reason the action was chosen.</p> <p>Action Explorer: Instructed by Action tab of Run object. Parameter File: Instructed by Action statement. Explorer: The Action tab of the Run object caused this action to eject volumes frozen by the HSC. Parameter File: A ClearFrozen Panels parameter caused this action to eject volumes frozen by the HSC.</p> <p>ClrFzPnl Explorer: The Action tab of the Run object caused this action to eject defective volumes. Parameter File: An EjBad parameter caused this</p> <p>EjBad Explorer: The Action tab of the Run object caused this action to eject defective volumes. Parameter File: An EjBad parameter caused this</p>
				<p>Quick Reference to 189</p> <p>eject defective volumes. Explorer: A</p> <p>Method</p>

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
ActionStatus ACTSTAT	char (alternate) 40 none	Custom MVC_VTV Report Custom Volume Report	Action Status	<p>The final status of an action. This field is only meaningful on a POSTACTION report.</p> <p>Action performed successfully Action was not necessary ExLM stop command was entered No magazines in CAP No room was available Reason is not known (see LCMLOG) Reply to delay WTOR was ABORT or FAIL Volume is in disconnected ACS Volume is in manual mode LSM Volume is in use by another host Volume was errant when action attempted Volume was mounted when action attempted Volume was recently used or selected VTCS error (see LCMLOG) VTCS PGMI (SWSPGMI) not available VTCS request failed VTCS response missing VTCS task ended unexpectedly</p>
AdditionalEnter s ADDNLEN	int 7 sum	Custom LSM Report	Additional Enters	The number of scratch volumes that need to be entered in addition to the number ExLM has picked by volser.
BaseName	char 44 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Base Name	The controlling data set name of the volume. If the data set is a member of a Generation Data Group, only the base name (no .GnnnnVnn) is included.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
Classification CLS	char (alternate) 10 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Classification	Classification of the volume. BadScratch Volumes marked defective and scratch in TMS Clean Volumes with the HSC cleaning prefix Expired Volumes marked not scratch and expired in TMS NonScratch Volumes not scratch, badscratch, expired, or clean Scratch Volumes available for receiving new tape data sets
Clean CLN	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report	Cleaning Cartridge	This volume is a cleaning cartridge.
CleanEnters CLNENTERS	int 7 sum	Custom LSM Report	Clean Enters	The total number of cleaning cartridges that need to be entered into the LSM.
ConsolidationG roupName CONSGRPNA ME	char 8 none	Custom MVC_VTV Report Custom Volume Report	Consolidation Group Name	The consolidation group name for the VTV.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
Copy	int 4 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Copy	Copy number of the volume. A value of 1 refers to the most recently created copy of the data set according to the tape management system, 2 refers to the next most recently created copy, and so on.
CreatingTMSD rive CTDRIVE	char (alternate) 4 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Creating Drive	The unit address of the tape drive on which the tape data set was created, printed as a hexadecimal character string.
CreationDate CDATE	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Creation Date	The date the volume was created. The first available field of the following determines the creation date: CreationTMSDate, CreationVTVDate, CreationMVCDate.
CreationJobNa me CJOBNAME JOBNAME	char 8 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Creation Job Name	The JCL job name that created the volume.
CreationMVCD ate CMDATE	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Creation MVC Date	The date the volume was created as recorded by VSM.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
CreationMVCT ime CMTIME	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Creation MVC Time	The time of day the volume was created as recorded by VSM.
CreationStepNa me CSTEPNAME STEPNAME	char 8 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Creation Step Name	The JCL step name that created the volume.
CreationTime CTIME	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Creation Time	The time of day the volume was created. The first available field of the following determines the creation time: CreationTMSTime, CreationVTVTime, CreationMVCTime.
CreationTMSD ate CTDATE	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Creation TMS Date	The date the volume was created as recorded in the associated tape management system.
CreationTMSTi me CTTIME	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Creation TMS Time	The time of day the volume was created as recorded in the associated tape management system.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
CreationVTVD ate CVDATE	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Creation VTV Date	The date the volume was created as recorded by VSM.
CreationVTVTi me CVTIME	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Creation VTV Time	The time of day the volume was created as recorded by VSM.
CycleDate CYDATE	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Cycle Date	The date used by ExLM for CYCLESOON processing. If missing, ExLM does not perform CYCLESOON processing on this volume.
DataSetIdentifi er DSID	char 44 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Data Set Identifier	The most specific matching data set identifier found for the data set name on the Data Set tab of the Methods folder (Explorer) or a DATASET statement (Parameter File).
DataSetName DSN	char 44 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Data Set Name	The controlling data set name of the volume. If the data set is a member of a Generation Data Group, the .GnnnnVnn qualifier is included.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
DataSetReport DSRPT	bool See notes below. true	Custom MVC_VTV Report Custom Volume Report	Data Set Report	This volume is covered by the Data Set tab of the Methods folder (Explorer) or a DATASET statement (Parameter File) and is flagged for reporting.
DaysSinceCreat ion CDAYS	int 5 avg	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Days Since Creation	The number of days since the data set was created. The first available field of the following determines the days since creation: DaysSinceCreationTMS, DaysSinceCreationMVC, DaysSinceCreationVTV.
DaysSinceCreat ionMVC CMDAYS	int 5 avg	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Days Since Creation MVC	The number of days since the data set was created as recorded by VSM.
DaysSinceCreat ionTMS CTDAYS	int 5 avg	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Days Since Creation TMS	The number of days since the data set was created as recorded in the associated tape management system.
DaysSinceCreat ionVTV CVDAYS	int 5 avg	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Days Since Creation VTV	The number of days since the data set was created as recorded by VSM.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
DaysSinceEnter EDAYS	int 5 avg	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Days Since Enter	The number of days since the volume was entered into an LSM. If all volumes of a multi-volume data set are covered by the same Management Method, the most recent enter day for any volume is used by ExLM for all volumes in the multi-volume data set.
DaysSinceLoca tion LDAYS LOCDAYS	int 5 avg	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Days Since Location	The number of days since the tape was moved to a tape storage location.
DaysSinceMou nt MDAYS	int 5 avg	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Days Since Mount	The number of days since the HSC last mounted the volume.
DaysSinceRefe rence RDAYS	int 5 avg	Action Custom MVC_VTV Report Custom Volume Report	Days Since Ref.	The number of days since reference for the volume as used by ExLM. The first available field of the following determines the reference day: DaysSinceReferenceTMS, DaysSinceReferenceVTV, DaysSinceReferenceMVC, DaysSinceMount, DaysSinceSelect. If all volumes of a multi-volume data set are covered by the same Management Method, the most recent reference day for any volume is used by ExLM for all volumes in the multi-volume data set.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
DaysSinceReferenceMVC RMDAYS	int 5 avg	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Days Since Ref MVC	The number of days since reference as recorded by VSM for an MVC (Multiple Volume Cartridge)
DaysSinceReferenceTMS RTDAYS	int 5 avg	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Days Since Ref TMS	The number of days since reference as recorded in the associated tape management system for volumes being treated as a unit (Multi-volume support).
DaysSinceReferenceVTV RVDAYS	int 5 avg	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Days Since Ref VTV	The number of days since reference as recorded by VSM for a VTV (Virtual Tape Volume)
DaysSinceSelect SDAYS	int 5 avg	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Days Since Select	The number of days since the volume was selected by the HSC.
DaysTillCycle CYDAYS DAYSTILLEX PIRE XDAYS	int 5 avg	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Days Till Cycle	The number of days ExLM uses for CYCLESOON processing. If missing, ExLM will not perform CYCLESOON processing on this volume.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
Deleted	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Deleted	The volume is marked deleted in the tape management system. Note: The value of this field is false for all volumes known to ExLM unless: Explorer: The checkbox on the Deleted tab of the TMS object is not checked; Parameter File: the NODELETECHECK parameter is specified on the TMS statement.
EjectViaLSMGroup EJLSMGRP	char (alternate) 10 none	Custom MVC_VTV Report Custom Volume Report	Eject Via LSM Group	The LSM Group from which ExLM plans to eject the volume.
EjectViaLSMID EJLSMID	char (alternate) 5 none	Custom MVC_VTV Report Custom Volume Report	Eject Via LSM ID	The LSM ID from which ExLM plans to eject the volume.
EjectViaLSMName EJLSMNAME	char (alternate) 10 none	Custom MVC_VTV Report Custom Volume Report	Eject Via LSM Name	The Name of the LSM from which ExLM plans to eject the volume.
EnterDate ENDATE	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Enter Date	The date the volume was entered into an LSM. If all volumes of a multi-volume data set are covered by the same Management Method, the most recent enter date of any volume is used by ExLM for all volumes in the multi-volume data set.
Enters	int 7 sum	Custom LSM Report	Enters	The total number of volumes that need to be entered into the LSM.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
EnterTime ENTIME	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Enter Time	The time of day the volume was entered.
Errant	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Errant	The HSC has marked this volume errant. Requires HSC PTF L1H10CC (HSC 4.0) or L1H10CE (HSC 4.1) to produce accurate information.
ExLblReadable EXLBLRD	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	External Label OCR Readable	The cartridge external label is OCR readable.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
ExpireDate EXPDT XDATE	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Expire Date	The date the volume will expire based on the expiration date in the tape management system. Special expire dates are: AGE/nnn - Expires nnn days from create or move date; CATLG - Expires when the data set name no longer exists in the MVS system catalog, regardless of the keep date; CATLG/nnn - Expires nnn days after creation and the data set no longer resides in the MVS catalog; CYCLE/nnn - Oldest data set expires after nnn cycles; FOREIGN - Foreign volume; LDATE/nnn - Expires nnn days after last used; MSG/nnn - TMS user-defined; PERM - Never expires; STATS/nnn - Never expires; USER/nnn - Never expires; ZEROS - CA-TLMS value was zeros; Julian date - Expires on the julian date.
ExternalLabel EXLBL	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	External Label	The cartridge has an external label.
ExternallyManaged EXTERNAL	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Externally Managed	The volume is defined to the tape management system, but its use is controlled by some other software system.
FailedEjects FEJ	int 7 sum	Custom LSM Report	Failed Ejects	The number of volumes that failed to be be ejected from the LSM. This field is only meaningful on a POSTACTION report.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
FailedMoveIns FMOVEINS	int 7 sum	Custom LSM Report	Failed Move Ins	The number of volumes that failed to be moved into the LSM. This field is only meaningful on a POSTACTION report.
FailedMoveOuts FMOVEOUTS	int 7 sum	Custom LSM Report	Failed Move Outs	The number of volumes that failed to be moved out of the LSM. This field is only meaningful on a POSTACTION report.
FrozenToLSM Group	bool See notes below. true	Custom MVC_VTV Report Custom Volume Report	Frozen To LSM Group	The volume has both EJECT(NO) and a specific LSMGRP assigned by its Management Method.
GDG	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	GDG	The volume is a member of a Generation Data Group.
GDGWrap	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	GDG Wrap	The volume is a member of a Generation Data Group where the Gnnnn number has wrapped from 9999 to 0001.
Generation GEN	int 5 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Generation Number	The relative generation number + 1, based on the tape management system.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
Held	bool See notes below. true	Custom MVC_VTV Report Custom Volume Report	Held	The nonscratch volume will not be ejected because one of the Held flags was on. Possible held reasons are: Cyclesoon, Minenter, Minref, or Pulllist.
HeldForCycleS oon HCYLSOON	bool See notes below. true	Custom MVC_VTV Report Custom Volume Report	Held For Cyclesoon	The nonscratch volume will not be ejected because the controlling data set is due to expire within a specified number of days. Controlled by: Explorer: Methods folder Limits tab; Parameter File: the CYCLESOON parameter on the OPTIONS statement.
HeldForMinEnt er HMINENT	bool See notes below. true	Custom MVC_VTV Report Custom Volume Report	Held For MinEnter	The nonscratch volume will not be ejected because it was entered into an LSM within a specified number of days. This is determined by: Explorer: Methods folder Limits tab; Parameter File: the MINENTER parameter on the OPTIONS statement.
HeldForMinRef HMINREF	bool See notes below. true	Custom MVC_VTV Report Custom Volume Report	Held For MinRef	The nonscratch volume will not be ejected because it has been referenced within a specified number of days. This is determined by: Explorer: Methods folder Limits tab; Parameter File: the MINREF parameter on the OPTIONS statement.
HeldForPullLis t HPULLLIST	bool See notes below. true	Custom MVC_VTV Report Custom Volume Report	Held For PullList	The nonscratch volume will not be ejected because it was found on a Pull List.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
HoursSinceCreationVTV CVHOURS	int 5 avg	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Hours Since Creation VTV	The number of hours since creation as recorded by VSM for a VTV (Virtual Tape Volume).
HoursSinceReferenceVTV RVHOURS	int 5 avg	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Hours Since Ref VTV	The number of hours since reference as recorded by VSM for a VTV (Virtual Tape Volume).
HSCScratch HSCSCR	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report	HSC Scratch	The status recorded by the HSC for the volume is scratch.
Ignored	bool See notes below. true	Custom MVC_VTV Report Custom Volume Report	Ignored	ExLM does not retain any tape management system information for this volume and will not eject or move this volume. This is determined by: Explorer: the TMS tab of the Subpool object; Parameter File: the IGNORE parameter on the SUBPOOL statement.
InitialACSID IACSID	char (alternate) 2 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Initial ACS ID	The ACS ID in which the volume resided at the beginning of the ExLM run.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
InitialAllVolumes IALLVOL	int 7 sum	Custom LSM Report	Initial All Volumes	The total number of scratch and nonscratch volumes in the LSM at the beginning of the ExLM run.
InitialClean ICLN	int 7 sum	Custom LSM Report	Initial Clean	The number of cleaning cartridges in the LSM at the beginning of the ExLM run.
InitialFreeCells IFCELL	int 7 sum	Custom LSM Report	Initial Free Cells	The number of free cells in the LSM at the beginning of the ExLM run.
InitialLSMCell ILSMCELL	char (alternate) 14 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Initial LSM Cell	The coordinates of the LSM Cell where the volume resided at the beginning of the ExLM run.
InitialLSMColumn ILSMCOL	int 2 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Initial LSM Column	The LSM Column number where the volume resided at the beginning of the ExLM run.
InitialLSMGroup ILSMGRP	char (alternate) 10 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Initial LSM Group	The name of the LSM Group where the volume resided at the beginning of the ExLM run.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
InitialLSMID ILSMID	char (alternate) 5 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Initial LSM ID	The LSM ID where the volume resided at the beginning of the ExLM run.
InitialLSMName ILSMNAME	char (alternate) 10 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Initial LSM Name	The Name of the LSM where the volume resided at the beginning of the ExLM run.
InitialLSMPanel ILSMPNL	int 2 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Initial LSM Panel	The LSM Panel number where the volume resided at the beginning of the ExLM run.
InitialLSMPanelFrozen ILSMPNLFZ	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Initial LSM Panel Frozen	The volume resided in a frozen panel at the beginning of the ExLM run.
InitialLSMRow ILSMROW	int 2 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Initial LSM Row	The LSM Row number where the volume resided at the beginning of the ExLM run.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
InitialNonScratch INONSCR	int 7 sum	Custom LSM Report	Initial Non Scratch	The total number of nonscratch volumes in the LSM at the beginning of the ExLM run.
InitialScratch ISCR	int 7 sum	Custom LSM Report	Initial Scratch	The total number of scratch volumes in the LSM at the beginning of the ExLM run.
InLSM	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report	In LSM	The volume is in an LSM at the beginning of an ExLM run.
InManagedLSM INMANLSM	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report	In Managed LSM	The volume is in a MANAGED LSM at the beginning of an ExLM run.
InTMS	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	In TMS	The volume is in a tape management system defined to ExLM.
LastUsedTMS Drive LUTDRIVE	char (alternate) 4 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Last Used Drive	The unit address of the tape drive on which the tape was last used, printed as a hexadecimal character string.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
LocationCode LOCCODE	char 8 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Location Code	The identifier assigned to a tape volume by the tape management system to identify the intended storage location for that volume.
LocationDate LDATE LOCDATE	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Location Date	The date the volume was moved to the tape management system's tape storage location.
LocationName LOCNAME	char (alternate) 10 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Location Name	The name of the tape storage location. Location Names are not defined to the tape management system, but are assigned by ExLM from tape management system information as specified by: Explorer: the Location object Codes tab; Parameter File: the Location statement Code parameter.
LocationSeque nce LOCSEQ	int 5 none	Custom MVC_VTV Report Custom Volume Report	Location Sequence	The number that ExLM assigned to each location to determine the order that tapes at that location are ejected. Controlled by: Explorer: the Locations folder Order tab; Parameter File: the order of Location statements in the parameter file.
LSMGroup LSMGRP	char (alternate) 10 none	Custom LSM Report	LSM Group	The LSM Group Name assigned to the volume by the Management Method.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
LSMID	char (alternate) 5 none	Custom LSM Report	LSM ID	The AA:LL form identifier (AA is the two-character hexadecimal ACS number and LL is the two-character hexadecimal LSM number) that uniquely identifies an LSM to a host system.
LSMName	char (alternate) 10 none	Custom LSM Report	LSM Name	The name given to the LSM by: Explorer: the LSM Names tab of the ACS object; Parameter File: the Lsmid parameter of a Manage or Unmanaged statement.
Managed	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report	Managed	The volume is covered by a MANAGE statement.
ManagedIndividually MANIND	bool See notes below. true	Custom MVC_VTV Report Custom Volume Report	Managed Individually	The volume is managed individually, but is part of a multi-volume data set. This happens if all of the volumes in the volume set are not assigned the same Management Method.
ManagedLSM MANLSM	bool See notes below. true	Custom LSM Report	Managed LSM	The LSM is managed by this ExLM run. This is specified by: Explorer: editing the properties of an LSM Group listed on the LSM Group tab of a Run object; Parameter File: coverage by a Manage statement.
ManagementClass MGMTCLAS	char (alternate) 8 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Management Class	The name of the SMS Management Class for the volume.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
MaxUseCount	int 4 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Maximum Use Count	The maximum usage for a cleaning cartridge set by the VOLATTR Maxclean or MNTD Maxclean value.
MediaSource MEDIAS	char (alternate) 6 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Media Source	<p>The source of information used to determine the volume's MediaType value.</p> <p>DFLT The media type defaulted to Standard.</p> <p>HSCCDS The HSC Control Data Set.</p> <p>VOLDEF The VOLATTR statements contained in the file identified by the HSC VOLDEF parameter.</p> <p>VSMVTV VSM Virtual Tape Volume information.</p>

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
MediaType MEDIA MEDIAT	char (alternate) 8 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Media Type	The media type of the volume. DD3A 10 Gb capacity helical cartridge. DD3B 25 Gb capacity helical cartridge. DD3C 50 Gb capacity helical cartridge. DD3D Cleaning cartridge for helical drives. ECART Enhanced Capacity tape (3490). JCART EE-tape media. Long 3490E extended capacity cartridge. LTO-100G LTO 100GB capacity cartridge. LTO-10G LTO 10GB capacity cartridge. LTO-200G LTO 200GB capacity cartridge. LTO-35G LTO 35GB capacity cartridge. LTO-400G LTO 400GB capacity cartridge. LTO-50G LTO 50GB capacity cartridge. LTO-CLN1 LTO cleaning type 1 cartridge. LTO-CLN2 LTO cleaning type 2 cartridge.
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Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
MethodColumn MTHCOL	int 2 none	Custom MVC_VTV Report Custom Volume Report	Method Column	The column in the ExLM parameter file (generated when using the Explorer) in which the associated Management Method was coded. See also the MethodName and MethodLineNum fields.
MethodCondNum MTHCOND	int 4 none	Custom MVC_VTV Report Custom Volume Report	Method Cond Num	Explorer: The number of the Condition of the Method object that applies to this volume. A value of zero indicates that the OTHERWISE attributes for the Method were applied. Parameter File: The occurrence of the Cond parameter on the Method statement that applies to this volume. A value of zero indicates that the default attributes for the Method were applied.
MethodEject MTHEJ	char (alternate) 8 none	Custom MVC_VTV Report Custom Volume Report	Method Eject	<p>The Eject attribute of the Management Method assigned to this volume.</p> <p>ASNEEDED Eject this volume only when room is needed to meet free cell and/or volume management criteria.</p> <p>NO Never eject this volume.</p> <p>YES Always eject this volume.</p>

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
MethodLineNum MTHLINE	int 5 none	Custom MVC_VTV Report Custom Volume Report	Method Line Num	The line in the ExLM parameter file (generated when using the Explorer) in which the associated Management Method was coded. See also the MethodName and MethodColumn fields.
MethodLSMGroup MTHLSMGRP	char (alternate) 10 none	Custom MVC_VTV Report Custom Volume Report	Method LSM Group	The LSM Group assigned to this volume by its Management Method.
MethodName METHOD MTH MTHNAME	char (alternate) 10 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Method Name	The name of the Management Method assigned to this volume.
MethodOrder MTHORD	int 3 none	Custom MVC_VTV Report Custom Volume Report	Method Order	The order in which the volume may be picked for ejection or demotion. This is determined by: Explorer: the Pick Order of the applicable Condition on the Conditions tab of the Method object; Parameter File: the Order(n) parameter of the Method statement.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
MethodReason MTHRSN	char (alternate) 10 none	Custom MVC_VTV Report Custom Volume Report	Method Reason	<p>The reason that the associated Management Method was chosen.</p> <p>Clean Cleaning cartridge criteria.</p> <p>Dataset Explorer: A Data Set Identifier specified on the Methods folder Data Set tab applied to this volume. Parameter File: A Dataset statement applied to this volume.</p> <p>Default No specified condition applied to this volume.</p> <p>EjBad The tape management system indicated that this volume is defective and: Explorer: the Bad Scratch option on the Action tab of the Run object was checked; Parameter File: the Ejbad parameter on the Options statement was</p>
				<p>Quick Reference. 213</p> <p>External The volume is marked as externally managed in</p>

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
MethodUncond MTHUNCOND	bool See notes below. true	Custom MVC_VTV Report Custom Volume Report	Method UNCOND	Explorer: This volume is externally managed and the External tab of the Methods folder indicated that the Method could not be overridden, or the volume's Method was set using the Method Input File and its entry included the U indicator. Parameter File: This volume's method was assigned using the Uncond keyword. Uncond may be specified for the External or HSCOnly options, and by the U indicator in the Methodfile.
MountDate MDATE	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Mount Date	The date the volume was last mounted in an LSM.
Mounted	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Volume Currently Mounted	The volume is currently mounted.
MountTime MTIME	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Mount Time	The time of day the volume was last mounted in an LSM.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
MVC	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	MVC	The volume is a Multiple Volume Cartridge for VSM.
MVCAudit	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	MVC Audit	The MVC is either being audited or the audit failed. If the audit failed, VTCS will not use the MVC for migration. To clear this condition, rerun the AUDIT against this MVC.
MVCAvailable MVCAVAIL	int 3 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	MVC %Available	The percentage of the MVC available for use.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
MVCBroken	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	MVC Broken	The MVC has an error that should be investigated. The error might not make the MVC unusable, but VTCS does not select the MVC for migration for 12 hours after this status has been set to true. After the 12 hour period, the MVC is least preferred for subsequent migrations, and recalls from the MVC can cause VTCS to drain it. This error condition can be accompanied by messages SLS6686, SLS6687, SLS6688, SLS6690 and/or SLS6693. Any of the following conditions can cause this MVC error: MVC corrupted by another job (other than VTCS/VTSS). Attempt to use a read-only MVC for migration. A DDR swap failure. An RTD failure.
MVCConsolidateDate	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Consolidate MVC Date	The date on which the MVC was consolidated as recorded by VSM.
MVCConsolidateTime	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	MVC Consolidate Time	For a consolidation MVC, this field displays the time of the consolidation.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
MVCConsolidation	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	MVC Consolidation	The MVC is a consolidation MVC.
MVCDataCheck	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	MVC Data Check	A data check was reported for this MVC. VSM will not use this MVC again for migration.
MVCDrained	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	MVC Drained	The MVC is being drained because of one of: 1) an automatic drain or demand reclaim. 2) an explicit MVCDRAIN command, 3) The previous DRAIN request failed, in which case VTCS will not use the MVC for migration. To clear this condition, enter MVCDRAIN against MVC without the Eject option.
MVCEject	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	MVC Eject	The MVC is in the process of eject either because you issued MVCDRAIN Eject or the MVC was ejected for update by a RACROUTE call. The MVC will not be used again for migration or recall. To clear this condition, use MVCDRAIN against MVC without the Eject option.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
MVCExport	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	MVC Export	The MVC is an export MVC.
MVCFragmented MVCFRAG	int 3 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	MVC %Fragmented	The percentage of the MVC that is not available due to fragmentation.
MVCFull	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	MVC Full	There is no space available on the MVC.
MVCInitialized	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	MVC Initialized	The MVC has been initialized.
MVCInUse	int 3 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	MVC %In Use	The percentage of the MVC used by valid Virtual Tape Volumes.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
MVCInvalidMIR	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	MVC Invalid MIR	The MVC has an invalid MIR.
MVCLost	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	MVC Lost	The MVC was not mounted in response to the last mount request. The MVC can still be used for migration, but will not select the MVC for migration for 12 hours after it is marked lost. After the 12 hour period, the MVC will be least preferred. This condition will clear itself the next time that the MVC is mounted.
MVCMaximumReached	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	MVC Maximum VTVs	The MVC has reached the maximum VTVs per MVC.
MVCMediaSize	int 6 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	MVC Media Size (MB)	The size in MB of the MVC. This is determined only after VTCS has used an MVC. "UNKNOWN" appears in this field until VTCS migrates a VTV to the MVC.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
MVCMountDate	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Mount MVC Date	The date on which the MVC was mounted, as recorded by VTSS.
MVCMountTime	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	MVC Mount Time	The time the MVC was last mounted, as recorded by VTSS.
MVCReadOnly	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	MVC Read Only	The MVC has been marked read-only.
MVCRetired	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	MVC Retired	The MVC is retired.
MVCStorageClass MVCSTORCLASS	char 8 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	MVC Storage Class	The VTCS Storage Class for the volume.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
MVCUsableFor Migration	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	MVC Usable Migration	Indicates whether the MVC can be used for migration.
MVCUsed MVCTimesMo unted	int 3 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	MVC Used	The number of times the MVC has been mounted.
MVCVTSS	char 6 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	MVC VTSS Last Mounted	VTSS name where the MVC was last used.
NonScratch NONSCR	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report	Non- Scratch	The volume is not classified as a scratch volume.
Notuseable NOUSE	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Not Useable	The HSC has marked this volume as not useable.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
OnPullList ONPL	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	On Pull List	The volume is on a Pull List.
OverMaxClean OverHSCMAX CLN	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Over MAXCLN	The cleaning cartridge has exceeded its maximum usage count.
PermanentRead Errors	int 4 sum	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Permanent Read Errors	The number of permanent read errors for the volume.
PermanentWrite Errors	int 4 sum	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Permanent Write Errors	The number of permanent write errors for the volume.
PickedEnters PICKEDEN	int 7 sum	Custom LSM Report	Picked Enters	The number of scratch volumes ExLM has picked by volser to enter into the LSM.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
PlannedACSID PACSID	char (alternate) 2 none	Custom MVC_VTV Report Custom Volume Report	Planned ACS ID	The ACS ID ExLM has determined the volume should be in at the end of the ExLM run. This is planned only. Check the ActionStatus field to determine if this is the final ACS ID.
PlannedClean PCLN	int 7 sum	Custom LSM Report	Planned Clean	The planned number of cleaning cartridges in the LSM at the end of the ExLM run.
PlannedEjects PEJ	int 7 sum	Custom LSM Report	Planned Ejects	The projected number of volumes that will be ejected from the LSM.
PlannedFreeCells PFCELL	int 7 sum	Custom LSM Report	Planned Free Cells	The total number of free cells projected to be in the LSM after all scheduled cartridge moves, ejects, and enters have been performed.
PlannedLSMGroup PLSMGRP	char (alternate) 10 none	Custom MVC_VTV Report Custom Volume Report	Planned LSM Group	The LSM Group ExLM has determined the volume should be in at the end of the ExLM run. This is planned only. Check the ActionStatus field to determine if this is the final LSM Group.
PlannedLSMID PLSMID	char (alternate) 5 none	Custom MVC_VTV Report Custom Volume Report	Planned LSM ID	The LSM ID ExLM has determined the volume should be in at the end of the ExLM run. This is planned only. Check the ActionStatus field to determine if this is the final LSM ID.
PlannedLSMName PLSMNAME	char (alternate) 10 none	Custom MVC_VTV Report Custom Volume Report	Planned LSM Name	The LSM Name ExLM has determined the volume should be in at the end of the ExLM run. This is planned only. Check the ActionStatus field to determine if this is the final LSM Name.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
PlannedMoveIns PMOVEINS	int 7 sum	Custom LSM Report	Planned Move Ins	The total number of volumes projected to be moved into the LSM.
PlannedMoveOuts PMOVEOUTS	int 7 sum	Custom LSM Report	Planned Move Outs	The total number of volumes projected to be moved out of the LSM.
PlannedNonScratch PNONSCR	int 7 sum	Custom LSM Report	Planned Non Scratch	The total number of nonscratch volumes ExLM has projected to be in the LSM.
PlannedScratch PSCR	int 7 sum	Custom LSM Report	Planned Scratch	Total number of scratch volumes ExLM has projected to be in the LSM.
PullListEnters PLENTERS	int 7 sum	Custom LSM Report	Pull List Enters	The total number of Pull List volumes that need to be entered into the LSM.
PullListName PLNAME	char (alternate) 10 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Pull List Name	The name of the Pull List for the volume.
RECTECH	char 8 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Recording Technique	The recording technique for the volume.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
ReferenceDate RDATE	date See notes below. none	Custom MVC_VTV Report Custom Volume Report	Reference Date	The date of last reference for the volume. This is the value used by ExLM. The first available field of the following determines the reference date: ReferenceTMSDate, ReferenceMVCDate, ReferenceVTVDate, MountDate, SelectDate. If all volumes of a multi-volume data set are covered by the same Management Method, the most recent reference date for any volume will be used by ExLM for all volumes in the multi-volume data set.
ReferenceMVC Date RMDATE	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Reference MVC Date	The date on which the MVC was last referenced, as recorded by VSM.
ReferenceTMS Date RTDATE	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Reference TMS Date	The date of the last reference, as recorded in the associated tape management system, for volumes being treated as a unit (Multi-volume support).
ReferenceVTV Date RVDATE	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report	Reference VTV Date	The date on which the VTV was last referenced, as recorded by VSM.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
ReferenceVTV Time RVTIME	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Reference VTV Time	The time of day the volume was last referenced, as recorded by VSM.
RunName	char (alternate) 10 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Run Name	The name of the Run object from the JCL EXEC statement Run PARM.
RunType	char (alternate) 10 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Run Type	The RunType from the JCL EXEC statement RunType PARM.
Scratch SCR	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report	Scratch	The volume is classified as a scratch volume by ExLM.
Scatched SCRED	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report	Scatched	ExLM marked the volume as scratch in the HSC or VSM.
ScratchEnters SCRENTERS	int 7 sum	Custom LSM Report	Scratch Enters	The total number of scratch volumes that need to be entered into the LSM.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
SelectCount SCOUNT	int 5 none	Action Custom MVC_VTV Report Custom Volume Report	Select Count	The number of times the volume has been selected by the HSC.
SelectDate SDATE	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Select Date	The date the volume was last selected in an LSM.
Selected	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Volume Currently Selected	The volume is currently selected.
SelectTime STIME	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Select Time	The time of day the volume was selected by the HSC.
Serial SER VOL VOLSER VOLUME	char 6 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Volume Serial	The 6-character identifier of a tape volume.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
Serial1 SER1	char 6 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	First Serial	The 6-character identifier of the first volume of the volume set associated with this volume.
SL8500Cell	char 24 none	Custom MVC_VTV Report Custom Volume Report	SL8500 Cell	The physical cell location of a volume that resides in an SL8500 library. The value of this field is missing for volumes that do not reside in an SL8500.
Slot	char 8 none	Action Custom MVC_VTV Report Custom Volume Report	Slot	The value assigned to a tape volume by the tape management system to pinpoint the storage place for the volume.
StatusChanged STCHG	int 7 sum	Custom LSM Report	Status Changed	The total number of volumes whose scratch status was changed in the HSC CDS by the ExLM run. It is possible for the same volume to be scratched and unscratched in the same ExLM run. However, this field is only incremented once per volume.
StatusErrant STERRANT	int 7 sum	Custom LSM Report	Status Errant	The total number of volumes whose status was marked errant in the HSC CDS.
StatusExternalLabel STEXTLBL	int 7 sum	Custom LSM Report	Status External Label	The total number of volumes whose status was marked as having an external label in the HSC CDS.
StatusNoExternalLabel STNOEXTLBL	int 7 sum	Custom LSM Report	Status No External Label	The total number of volumes whose status was marked as having no external label in the HSC CDS.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
StatusNotUseable STNTUSBL	int 7 sum	Custom LSM Report	Status Not Useable	The total number of volumes whose status was marked not useable in the HSC CDS.
StatusOverMaxClean STOVRMXCLN	int 7 sum	Custom LSM Report	Status Over MaxClean	The total number of volumes whose status was marked over max clean in the HSC CDS.
StatusScratched STSCRED	int 7 sum	Custom LSM Report	Status Scratched	The total number of volumes whose status was marked scratched in the HSC CDS.
StatusSelected STSELECT	int 7 sum	Custom LSM Report	Status Selected	The total number of volumes whose status was marked selected in the HSC CDS.
StatusUnreadableLabel STUNRDLBL	int 7 sum	Custom LSM Report	Status Unreadable Label	The total number of volumes whose status was marked as having an unreadable label in the HSC CDS.
StatusUnscratched STUNSCRED	int 7 sum	Custom LSM Report	Status Unscratched	The total number of volumes whose status was marked unscratched in the HSC CDS.
StatusWrong STWRNG	int 7 sum	Custom LSM Report	Status Wrong	The total number of volumes whose scratch status in the HSC CDS is not correct.
Subpool SP	char (alternate) 16 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Subpool	The name of the Subpool managing a group of volume serial numbers. This is defined in the ExLM Subpool object (Explorer) or Subpool statement (Parameter File).

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
SubpoolId SPID	char (alternate) 13 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Subpool ID	Volume subpool ID from the HSC. This will be the 13-character name of the pool if using HSC SCRPOOL statements, or the 3-digit subpool index number if using SLSUX03.
SubpoolLabelT ype SPLBLTYP	char (alternate) 3 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Subpool Label Type	Volume subpool label type from the HSC.
SuccessfulEject s SUCCEJ	int 7 sum	Custom LSM Report	Successful Ejects	The number of volumes that were successfully ejected from the LSM. This field is only meaningful on a POSTACTION report.
SuccessfulMov eIns SUCCMOVEI NS	int 7 sum	Custom LSM Report	Successful Move Ins	The total number of volumes moved into the LSM. This field is only meaningful on a POSTACTION report.
SuccessfulMov eOuts SUCCMOVEO UTS	int 7 sum	Custom LSM Report	Successful Move Outs	The total number of volumes moved out of the LSM. This field is only meaningful on a POSTACTION report.
TapeGroup TG	char (alternate) 25 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Tape Group	The name of the tape group of a volume. Explorer: This is defined on the Media tab of the Subpool object. Parameter File: This is defined in the Media parameter of the Subpool statement.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
TemporaryRead Errors	int 4 sum	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Temporary Read Errors	The number of temporary read errors for the volume.
TemporaryWrit eErrors	int 4 sum	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Temporary Write Errors	The number of temporary write errors for the volume.
TMSBad	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report	TMS Bad	The volume has been marked defective in the tape management system.
TMSExpired	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report	TMS Expired	The volume is marked expired in the tape management system.
TMSName	char (alternate) 10 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	TMS Name	The name of the tape management system defined on the TMS statement.
TMSReel	bool See notes below. true	Custom MVC_VTV Report Custom Volume Report	TMS Reel	The volume is marked as a 9-track reel tape in the tape management system.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
TMSScratch TMSSCR	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report	TMS Scratch	The tape management system has the scratch flag set for this volume.
TMSUse	int 5 none	Action Custom MVC_VTV Report Custom Volume Report	TMS Use Count	The number of times the volume has been used.
Unscratched UNSCRED	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report	Unscratched	ExLM marked the volume as not scratch in the HSC or VSM.
VolumeSequenc eNumber VOLSEQ	int 3 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	Seq Num	The volume sequence number of the volume.
VolumesIgnore d VOLIGNRD	int 7 sum	Custom LSM Report	Volumes Ignored	The total number of volumes ignored. This is determined by: Explorer: the TMS tab of the Subpool object; Parameter File: the Ignore parameter on the Subpool statement.
VTV	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	VTV	The volume is a Virtual Tape Volume (VTV), as reported by VSM.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
VTVCompressionPercentage	int 2 avg	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	VTV Compression Percentage	This is the difference between the uncompressed and compressed VTV size expressed as a percentage of the uncompressed VTV size. For example, if a 100MB VTV compresses to 40MB, then the compression percentage will be given as 60%. A compression of 0% indicates that no compression was possible on the VTV.
VTVConsolidated	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	VTV Consolidated	Indicates whether a VTV is currently consolidated.
VTVDuplexed	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	VTV Duplexed	The VTV has at least 2 copies.
VTVFenced	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	VTV Fenced	The VTV's state is unknown to VTSS.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
VTVInitialized	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	VTV Initialized	The VTV has been initialized by VTSS.
VTVInvalid VTVDEL VTVDELETE D VTVINV	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	VTV Invalid	The VTV is invalid in VSM.
VTVManagem entClass VTVMGMTCL AS VTVMGTCLA SS	char 8 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	VTV Management Class	The VSM management class for the VTV.
VTVMaximum Size	int 4 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	VTV Maximum Size (MB)	The maximum size of the VTV in megabytes.
VTVMigrated VTVMIG	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	VTV Migrated	The VTV is migrated in VSM.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
VTVMounted VTVMNTD	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	VTV Mounted	The VTV is mounted according to VSM.
VTVMVCID1	char 6 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	VTV MVC1	The MVC volser on which the VTV resides.
VTVMVCID2	char 6 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	VTV MVC2	The MVC volser on which a duplicate or consolidation copy of the VTV resides. Note: If the VTV is consolidated during an ExLM run, the value of this field will be updated after the consolidation is performed. The POSTACTION value will reflect the consolidation MVC for this VTV.
VTVMVCID3	char 6 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	VTV MVC3	The MVC volser on which a duplicate or consolidation copy of the VTV resides.
VTVMVCID4	char 6 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	VTV MVC4	The MVC volser on which a duplicate or consolidation copy of the VTV resides.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
VTVNewCreate	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	VTV Newly Created	Indicates whether the VTV was newly created when it was last resident.
VTVRecallDate	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	VTV Recall Date	Date VTV was recalled to the VTSS buffer.
VTVRecallTime	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	VTV Recall Time	Time VTV was recalled to the VTSS buffer.
VTVReplicationStatus	char 14 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	VTV Replication Status	Status of VTV replication. C Replication has completed. R Replication is required but not started S Replication has started

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
VTVResident	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	VTV Resident	Indicates whether a VTV is resident in a VTSS.
VTVScratch VTVSCR	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	VTV Scratch	The VTV is scratch, as recorded by VSM.
VTVSizeComp ressed	int 4 sum	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	VTV Size Compressed (MB)	The actual compressed size of the VTV in megabytes.
VTVSizeUnco mpressed VTVMediaSize	int 4 sum	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	VTV Size Uncompressed (MB)	The actual uncompressed size of the VTV in megabytes.
VTVTimesRea d	int 7 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	VTV Times Read	The number of times the VTV has been read.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
VTVUnavailable VTVUNAVAIL	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	VTV Unavailable	The VTV is unavailable because it is either mounted, resident, or fenced according to VSM.
VTVVTSS	char 8 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	VTV VTSS	The Virtual Tape SubSystem (VTSS) in which the VTV resides.

Table 6. General Fields

Field	Type Size Summary	Where Available	Report Heading	Description
WrongScratchStatus WRNGSCRST	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report	Wrong Scratch Status	<p>The scratch status indicator in the HSC CDS is incorrect. For volumes covered by HSCUNSCR (Explorer: "Set HSC-scratch indicators to OFF" on the Scratch tab of the Run object), the WrongScratchStatus flag indicates that the HSC UNSCRATCH request failed. For volumes not covered by HSCUNSCR, the WrongScratchStatus flag indicates that the scratch status recorded in the HSC CDS or in VSM does not agree with the scratch status in the TMS. This may occur for volumes when the Sync or SyncVTV option (Explorer: Sync tab of Run object) is not in effect or when the associated synchronization request fails. The ExLM log file contains a message for each request failure. ExLM does not set the WrongScratchStatus flag for volumes that are scratch in the TMS but are not scratch in the HSC or in VSM if they are in use at the time ExLM attempts the unscratch operation. This is a normal situation that can occur between the time a tape is allocated and the time it is put back in a cell.</p>

Fields Specific to TMS CA1

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TM#Dsnbs	int 3 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Number DSN Blocks	CA-1-specific number of data set name blocks.
TM128trk	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Trtch Tm128trk	CA-1-specific recording technique. x'E8' indicates Trk 3590 cartridge tape.
TM18trk	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Trtch Tm18trk	CA-1-specific recording technique. x'C0' indicates 3480 cartridge tape - 18 tracks.
TM3590	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Den TM3590	CA-1-specific recording density. x'E8' indicates 3590 cartridge tape.

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TM36Trk	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Trtch Tm36trk	CA-1-specific recording technique. x'E0' indicates 3490 cartridge tape - 36 tracks.
TM36trk2	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Trtch Tm36trk2	CA-1-specific recording technique. x'E1' indicates 3490E cartridge tape - 36 tracks (extended length).
TM38000	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Den TM38000	CA-1-specific recording density. x'E3' indicates 38K bpi (cartridge).
TM38KC	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Den TM38KC	CA-1-specific recording density. x'E7' indicates 38K bpi (cartridge-compacted).

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TM9trk	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Trtch Tm9trk	CA-1-specific recording technique. x'80' indicates nine track tape.
TMAbend	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag1 TmAbend	CA-1-specific internal flag bit x'10'. Volume closed by abend.
TMActv11	char 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Actv11	CA-1-specific actual internal volser
TMActv12	char 1 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Actv12	CA-1-specific actual internal volser

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TMAcvoli	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag4 TmAcvoli	CA-1-specific internal flag4 bit x'40'. Actual volser in use.
TMAdsnb	int 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Address First DSNB	CA-1-specific address (relative to BASE in TMSCTL#2) of first DSNB record associated with this volume record.
TMAldsnb	int 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Address Last DSNB	CA-1-specific address (relative to BASE in TMSCTL#2) of last DSNB record associated with this volume record.
TMB1Dis	int 9 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 B1Dis	CA-1-specific B1 security disclosure label.

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TMB1Int	int 9 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 B1Int	CA-1-specific B1 security integrity label.
TMBadtap	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag3 TmBadtap	CA-1-specific internal flag3 bit x'80'. CA-9/R+ indicated bad tape, do not mount for scratch.
TMB1kent	int 10 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Block Count	CA-1-specific data set block count.
TMB1ksi	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Block Size	CA-1-specific maximum block size.

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TMBthdt	date See notes below. none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Birth Date	CA-1-specific date tape was first used.
TMCatlog	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag2 TmCatlog	CA-1-specific internal flag2 bit x'80'. Data set was on MVS catalog.
TMClean	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag1 TmClean	CA-1-specific internal flag bit x'08'. Volume listed to be cleaned.
TMClncnt	int 3 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Clean Count	CA-1-specific number of times tape cleaned.

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TMClosed	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag1 TmClosed	CA-1-specific internal flag bit x'40'. Volume closed normally.
TMCpgm	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Create PGM	CA-1-specific creating program name.
TMCrtdt	date See notes below. none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Create Date	CA-1-specific creation date.
TMCrtti	time See notes below. none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Create Time	CA-1-specific creation time.

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TMCruni	char (alternate) 4 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Create Unit	CA-1-specific address of creation unit.
TMDatcln	date See notes below. none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Last Clean Date	CA-1-specific date tape was last cleaned.
TMDdname	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Create Ddname	CA-1-specific creating ddname.
TMDegau	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag4 Degaussed	CA-1-specific internal flag4 bit x'10'. Tape has been degaussed.

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TMDelet	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag1 Deleted	CA-1-specific internal flag bit x'02'. Volume in delete (inactive) status
TMDen	char (alternate) 2 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Recording Density	CA-1-specific recording density.
TMDfault	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag1 Tmdfault	CA-1-specific internal flag bit x'01'. Volume eligible for RDS override.
TMDfexu	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag3 Tmdfexu	CA-1-specific internal flag3 bit x'04'. Default expiration date used at open output.

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TMDsn	char 44 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Data Set Name	CA-1-specific data set name.
TMDsn17	char 17 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 DSN17	CA-1-specific last 17 bytes of dsn.
TMDynam	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag3 TmDynam	CA-1-specific internal flag3 bit x'10'. Controlled by CA-DYNAM/T.
TMEcatlg	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag2 TmEcatlg	CA-1-specific internal flag2 bit x'08'. Expired from catalog control (TMSCTLG).

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TMEcycle	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag2 TmEcycle	CA-1-specific internal flag2 bit x'04'. Expired from cycle control (TMSCYCLE).
TMEdmid	char 4 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 EDM ID	CA-1-specific external data manager id.
TMEdmtap	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag3 TmEdmtap	CA-1-specific internal flag3 bit x'20'. Controlled by external data manager.
TMEldate	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag2 TmEldate	CA-1-specific internal flag bit x'02'. Expired from LDATE control (TMSCLEAN).

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TMErase	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag3 TmErase	CA-1-specific internal flag3 bit x'08'. Data set erase required.
TMEsms	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag4 TmEsms	CA-1-specific internal flag4 bit x'80'. Tape expired by SMS max retention rules.
TMEtms	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag2 TmEtms	CA-1-specific internal flag bit x'01'. Expired by TMS.
TMEpdt	date See notes below. none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Expire Date	CA-1-specific expiration date.

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TMFilcpy	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag3 TmFilcpy	CA-1-specific internal flag3 bit x'01'. Created by CA-1/Copycat.
TMFlag1	char (alternate) 2 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag1	CA-1-specific internal flag byte.
TMFlag2	char (alternate) 2 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag2	CA-1-specific internal flag byte.
TMFlag3	char (alternate) 2 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag3	CA-1-specific internal flag byte.

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TMFlag4	char (alternate) 2 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag4	CA-1-specific internal flag byte.
TMFlag5	char (alternate) 2 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag5	CA-1-specific internal flag byte.
TMFlag6	char (alternate) 2 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag6	CA-1-specific internal flag byte.
TMFrsvol	char 6 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 First Serial	CA-1-specific first volser of data set.

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TMIntal	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag1 TmIntal	CA-1-specific internal flag1 bit x'80'. Internal field changed by user.
TMInuse	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag4 TmInuse	CA-1-specific internal flag4 bit x'02'. Tape is in use for RTS (Real Time Stacking).
TMIsctat	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag4 TmIsctat	CA-1-specific internal flag4 bit x'08'. File on OS catalog.
TMJobnm	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Creating Job Name	CA-1-specific creating job name.

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TMLasud	date See notes below. none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Last Used	CA-1-specific date last used.
TMLasuj	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Last Job	CA-1-specific job name which last used volume.
TMLasust	time See notes below. none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Last Time	CA-1-specific time last used.
TMLpgm	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Last PGM	CA-1-specific last used program name.

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TMLrecl	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 LRECL	CA-1-specific logical record length.
TMLtype	char 3 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Label	CA-1-specific tape label type. One of SL, SUL, NL, NSL, BLP, AL1, AU1, AL3, AU3.
TMNostak	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag4 TmNostak	CA-1-specific internal flag4 bit x'01'. No further stacking allowed.
TMNrs	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag4 TmNrs	CA-1-specific internal flag4 bit x'04'. Non-resident tape.

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TMNxtVol	char 6 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Next Serial	CA-1-specific next volser of data set.
TMOutar	char 4 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Outcode	CA-1-specific location id of out-of-area tape.
TMOudat	date See notes below. none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Outdate	CA-1-specific date tape was marked out-of-area.
TMOuput	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag2 TmOutput	CA-1-specific internal flag2 bit x'40'. Volume opened for output.

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TMPrrerc	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Perm Read Since Clean	CA-1-specific number of permanent read errors since cleaned.
TMPrreri	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Perm Read Since Init	CA-1-specific number of permanent read errors since initialized.
TMPrrvol	char 6 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Previous Serial	CA-1-specific previous volser of data set.
TMPwerrc	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Perm Write Since Clean	CA-1-specific number of permanent write errors since cleaned.

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TMPwerri	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Perm Write Since Init	CA-1-specific number of permanent write errors since initialized.
TMRecfm	char 3 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 RECFM	CA-1-specific record format. One of V, VA, VS, VB, VBM, VBA, VBS, F, FM, FA, FS, FB, FBM, FBA, FBS, U.
TMRedwd1	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Trtch TmRedwd1	CA-1-specific recording technique. x'E4' indicates Redwood 12.5G capacity.
TMRedwd2	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Trtch TmRedwd2	CA-1-specific recording technique. x'E5' indicates Redwood 25G capacity.

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TMRedwd3	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Trtch TmRedwd3	CA-1-specific recording technique. x'E6' indicates Redwood 50G capacity.
TMRelevm	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag3 TmRelevm	CA-1-specific internal flag3 bit x'40'. Tape released by external vault manager.
TMReuse	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag2 TmReuse	CA-1-specific internal flag2 bit x'20'. Data set recreated.
TMRobid	int 2 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Robid	CA-1-specific robotic device indicator.

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TMRoby	int 2 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Roby	CA-1-specific tape in robotic device.
TMScrch	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag1 Scratch	CA-1-specific internal flag bit x'04'. Volume in scratch status.
TMSlot	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Slot	CA-1-specific vault slot number.
TMSmsmc	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 SMS Mgt Class	CA-1-specific SMS management class.

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TMStack	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag5 TmStack	CA-1-specific internal flag5 bit x'80'. Tape has been used by RTS.
TMStpnam	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Creating Step	CA-1-specific creating step name.
TMTempds	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag2 Temp DS	CA-1-specific internal flag2 bit x'10'. Temporary data set.
TMTrerrc	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Temp Read Since Clean	CA-1-specific number of temporary read errors since cleaned.

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TMTTerri	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Temp Read Since Init	CA-1-specific number of temporary read errors since initialized.
TMTTrtch	char (alternate) 2 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 TRTCH	CA-1-specific recording technique.
TMTWerrc	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Temp Write Since Clean	CA-1-specific number of temporary write errors since cleaned.
TMTWerri	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Temp Write Since Init	CA-1-specific number of temporary write errors since initialized.

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TMUcount	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Uses Since Birth	CA-1-specific number of times tape opened since birthdate.
TMUltif	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag3 TmUltif	CA-1-specific internal flag3 bit x'02'. Additional files exist in volume set.
TMUpdate	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag1 TmUpdate	CA-1-specific internal flag bit x'20'. Volume record updated by user.
TMUseIn	int 2 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Uses Since Clean	CA-1-specific use count at last cleaning.

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TMUser TMAcct	char 50 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Acct	CA-1-specific user job accounting area.
TMUsuni	char (alternate) 4 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Last Unit	CA-1-specific address of unit last used.
TMVabтч	int 2 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Batchid	CA-1-specific id of last CA-1 program to update record.
TMVacode	int 2 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Aucode	CA-1-specific audit code.

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TMVacpu	char 4 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 CPU ID	CA-1-specific id of CPU used for last update.
TMVadate	date See notes below. none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Last Update Date	CA-1-specific date of last update.
TMVaflg1	int 3 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Auflag1	CA-1-specific audit flag.
TMVahook	int 3 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Hookid	CA-1-specific id of last intercept to update record.

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TMVatime	time See notes below. none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Last Update Time	CA-1-specific time of last update.
TMVuser	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Userid	CA-1-specific id of last user to update record.
TMVendor	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Vendor	CA-1-specific tape vendor name.
TMVoleq	int 3 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Seq Num	CA-1-specific volume sequence number.

Table 7. Fields Specific to TMS CA1

Field	Type Size Summary	Where Available	Report Heading	Description
TMVolser	char 6 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Volume Serial	CA-1-specific volume serial number.
TMVsr	bool See notes below. true	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	CA1 Flag4 TmVsr	CA-1-specific internal flag4 bit x'20'. Vault specific request.

Fields Specific to TMS CTT

Table 8. Fields Specific to TMS CTT

Field	Type Size Summary	Where Available	Report Heading	Description
CTAccount	char 50 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Account Information	Control-T-specific accounting information
CTActiveds	int 4 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Active Labels	Control-T-specific number of active labels on volume.
CTBlksize	int 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Block Size	Control-T-specific block size.

Table 8. Fields Specific to TMS CTT

Field	Type Size Summary	Where Available	Report Heading	Description
CTBlockct	int 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Block Count	Control-T-specific block count.
CTBoxid	char 6 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Box ID	Control-T-specific box ID.
CTChkindt	date See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Checkin Date	Control-T-specific volume check-in date.
CTCIncount	int 8 sum	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Clean Count	Control-T-specific clean count

Table 8. Fields Specific to TMS CTT

Field	Type Size Summary	Where Available	Report Heading	Description
CTCrecpu	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Create CPU Name	Control-T-specific creation CPU name.
CTCreddn	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Create DD Name	Control-T-specific creation DD name.
CTCredt	date See notes below . none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Creation Date	Control-T-specific creation date.
CTCrejbn	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Create Jobname	Control-T-specific creation job name.

Table 8. Fields Specific to TMS CTT

Field	Type Size Summary	Where Available	Report Heading	Description
CTCrepgm	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Create Program Name	Control-T-specific creation program name.
CTCrestep	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Create Stepname	Control-T-specific creation stepname.
CTCretm	time See notes below . none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Creation Time	Control-T-specific creation time
CTCreuad	char (altern ate) 4 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Create Unit Address	Control-T-specific creation unit address.

Table 8. Fields Specific to TMS CTT

Field	Type Size Summary	Where Available	Report Heading	Description
CTDdsexpd1	date See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT First Expiration Date	Control-T-specific first expiration date.
CTDdsexpd2	date See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Second Expiration Date	Control-T-specific second expiration date.
CTDdsexpd3	date See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Third Expiration Date	Control-T-specific third expiration date.
CTDeleted	bool See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Deleted	Control-T-specific volume marked as deleted.

Table 8. Fields Specific to TMS CTT

Field	Type Size Summary	Where Available	Report Heading	Description
CTDsname	char 44 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Data Set Name	Control-T-specific data set name.
CTDsvolser	char 6 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT First Data Set	Control-T-specific first data set begins on volume.
CTDyndef	bool See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Dynamicall y Defined	Control-T-specific volume dynamically added.
CTEdm	bool See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT EDM	Control-T-specific volume managed by an External Data Manager.

Table 8. Fields Specific to TMS CTT

Field	Type Size Summary	Where Available	Report Heading	Description
CTExprrtn	date See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Return Date	Control-T-specific expected return date from out location.
CTExtndel	bool See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Expire Delete	Control-T-specific volume will be deleted when expired.
CTExternal	bool See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT External Volume	Control-T-specific external volume.
CTFirstvol	char 6 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT First Volume	Control-T-specific first volume in the multi-volume group.

Table 8. Fields Specific to TMS CTT

Field	Type Size Summary	Where Available	Report Heading	Description
CTHold	bool See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Hold	Control-T-specific volume is in the main library due to recall operation.
CTInatl	bool See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Tape Library	Control-T-specific volume resides inside a robotic tape library.
CTInuse	bool See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT In Use	Control-T-specific volume currently in use.
CTIoerprm	int 4 sum	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Permanent Read Errors	Control-T-specific permanent read errors.

Table 8. Fields Specific to TMS CTT

Field	Type Size Summary	Where Available	Report Heading	Description
CTIoerprm	int 4 sum	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Perm Read Errors Clean	Control-T-specific permanent read errors since last clean.
CTIoertmp	int 4 sum	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Temporary Read Errors	Control-T-specific temporary read errors.
CTIoertmpc	int 4 sum	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Temp Read Errors Clean	Control-T-specific temporary read errors since last clean
CTIoewprm	int 4 sum	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Permanent Write Errors	Control-T-specific permanent write errors.

Table 8. Fields Specific to TMS CTT

Field	Type Size Summary	Where Available	Report Heading	Description
CTIoewprmc	int 4 sum	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Perm Write Errors Clean	Control-T-specific permanent write errors since last clean.
CTIoewtmp	int 4 sum	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Temporary Write Errors	Control-T-specific temporary write errors.
CTIoewtmpc	int 4 sum	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Temp Write Errors Clean	Control-T-specific temporary write errors since last clean.
CTLaccdt	date See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Job Date	Control-T-specific last access job date.

Table 8. Fields Specific to TMS CTT

Field	Type Size Summary	Where Available	Report Heading	Description
CTLaccjbn	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Jobname	Control-T-specific last job name that accessed the volume.
CTLacctm	time See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Job Time	Control-T-specific last access job time.
CTLblnum	int 4 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Label Number	Control-T-specific highest label number on volume.
CTLbltyp	char 3 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Label Type	Control-T-specific label type AL AUL BLP NL NSL SL SUL

Table 8. Fields Specific to TMS CTT

Field	Type Size Summary	Where Available	Report Heading	Description
CTLclndt	date See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Clean Date	Control-T-specific last clean date.
CTLlibrary	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Library	Control-T-specific robotic tape library name.
CTLlocation	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Location	Control-T-specific current location of volume.
CTLocseq	int 4 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Sequence Number	Control-T-specific current vault sequence number.

Table 8. Fields Specific to TMS CTT

Field	Type Size Summary	Where Available	Report Heading	Description
CTLrecl	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Record Length	Control-T-specific record length.
CTManvlt	bool See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Manually Vaulted	Control-T-specific volume manually moved to vault.
CTMedia	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Media	Control-T-specific media name
CTMovedate	date See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Move Date	Control-T-specific move date.

Table 8. Fields Specific to TMS CTT

Field	Type Size Summary	Where Available	Report Heading	Description
CTNextvol	char 6 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Next Volume	Control-T-specific next volume in the multi-volume group.
CTNostack	bool See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT No Stacking	Control-T-specific volume cannot be a candidate for dynamic stacking.
CTOut	bool See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Outside Library	Control-T-specific volume outside the main library.
CTPendscr	bool See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Pending Scratch	Control-T-specific pending scratch status.

Table 8. Fields Specific to TMS CTT

Field	Type Size Summary	Where Available	Report Heading	Description
CTPendvlt	bool See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Pending Vault	Control-T-specific pending vault.
CTPrevvol	char 6 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Previous Volume	Control-T-specific previous volume in the multi-volume group.
CTPvlt	bool See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Potential Vault	Control-T-specific potential vault.
CTRecall	bool See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Recall	Control-T-specific volume will recall back to main library.

Table 8. Fields Specific to TMS CTT

Field	Type Size Summary	Where Available	Report Heading	Description
CTRecfm	char 3 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Record Format	Control-T-specific record format. A B D F FB FBA FBM FBS M S U V VB VBA VBM VBS VS
CTRecfrom	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Recalled From Vault	Control-T-specific vault name recalled from.
CTRecreate	bool See notes below . none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Recreated	Control-T-specific dataset recreated.

Table 8. Fields Specific to TMS CTT

Field	Type Size Summary	Where Available	Report Heading	Description
CTReturnvl	bool See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Return From Vault	Control-T-specific volume returned from vault.
CTRetvltdt	date See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Return to Vault Date	Control-T-specific date to return to vault.
CTScratch	bool See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Scratch	Control-T-specific volume scratch status.
CTScrdt	date See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Scratch Date	Control-T-specific volume scratch date.

Table 8. Fields Specific to TMS CTT

Field	Type Size Summary	Where Available	Report Heading	Description
CTSlname	char 6 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT SL Name	Control-T-specific SL name.
CTSslotnum	int 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Slot Number	Control-T-specific slot number
CTSmsmc	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT SMS Managemen t Class	Control-T-specific SMS management class.
CTSmsg	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT SMS Storage Group	Control-T-specific SMS storage group.

Table 8. Fields Specific to TMS CTT

Field	Type Size Summary	Where Available	Report Heading	Description
CTVabend	bool See notes below . none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Volume Abend	Control-T-specific incomplete data set on volume.
CTVault	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT First Vault Name	Control-T-specific first vault name.
CTVault2	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Second Vault Name	Control-T-specific second vault name.
CTVault3	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Third Vault Name	Control-T-specific third vault name.

Table 8. Fields Specific to TMS CTT

Field	Type Size Summary	Where Available	Report Heading	Description
CTVaulted	bool See notes below . none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Vaulted	Control-T-specific vaulted.
CTVendor	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Vendor	Control-T-specific volume's vendor name
CTVformat	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Volume Format	Control-T-specific volume format
CTVfreekb	int 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Free KB	Control-T-specific free kilo-bytes on volume.

Table 8. Fields Specific to TMS CTT

Field	Type Size Summary	Where Available	Report Heading	Description
CTVlrstrt	bool See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Restart	Control-T-specific volume processed under MVS restart.
CTVltentdt	date See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Entry Date	Control-T-specific vault entry date.
CTVltexpdt	date See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Vault Expiration Date	Control-T-specific vault expiration date.
CTVoledmid	char 4 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT EDM ID	Control-T-specific volume's External Data Manager ID.

Table 8. Fields Specific to TMS CTT

Field	Type Size Summary	Where Available	Report Heading	Description
CTVolexcp	int 8 sum	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT EXCP Count	Control-T-specific EXCP Count
CTVolexpd	date See notes below .none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Expire Date	Control-T-specific volume expiration date.
CTVolodesc	char 20 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Description	Control-T-specific volume user description.
CTVolowner	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Owner	Control-T-specific volume owner

Table 8. Fields Specific to TMS CTT

Field	Type Size Summary	Where Available	Report Heading	Description
CTValseq	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Valseq Number	Control-T-specific volume sequence number in a multi-volume group.
CTVolser	char 6 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Volume Serial	Control-T-specific volume serial number.
CTVolsnum	int 4 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Number Of Volumes	Control-T-specific number volumes data set resides on.
CTVoltype	char 1 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Volume Type	Control-T-specific volume type. L P

Table 8. Fields Specific to TMS CTT

Field	Type Size Summary	Where Available	Report Heading	Description
CTVolusect	int 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Use Count Since Scratch	Control-T-specific volume use count since last scratch.
CTVolusetc	int 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Use Count	Control-T-specific volume use count.
CTVstkgrp	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Stacking Group	Control-T-specific stacking group name.
CTVusedkb	int 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignme nt	ControlT Used KB	Control-T-specific Used kilo-bytes on volume.

Fields Specific to TMS Custom

Table 9. Fields Specific to TMS Custom

Field	Type Size Summary	Where Available	Report Heading	Description
UserBool1	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Boolean Field 1	User-defined Boolean field for a volume.
UserBool10	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Boolean Field 10	User-defined Boolean field for a volume.
UserBool2	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Boolean Field 2	User-defined Boolean field for a volume.
UserBool3	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Boolean Field 3	User-defined Boolean field for a volume.

Table 9. Fields Specific to TMS Custom

Field	Type Size Summary	Where Available	Report Heading	Description
UserBool4	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Boolean Field 4	User-defined Boolean field for a volume.
UserBool5	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Boolean Field 5	User-defined Boolean field for a volume.
UserBool6	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Boolean Field 6	User-defined Boolean field for a volume.
UserBool7	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Boolean Field 7	User-defined Boolean field for a volume.

Table 9. Fields Specific to TMS Custom

Field	Type Size Summary	Where Available	Report Heading	Description
UserBool8	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Boolean Field 8	User-defined Boolean field for a volume.
UserBool9	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Boolean Field 9	User-defined Boolean field for a volume.
UserChar1	char 20 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Character Field 1	User-defined character field for a volume.
UserChar10	char 20 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Character Field 10	User-defined character field for a volume.

Table 9. Fields Specific to TMS Custom

Field	Type Size Summary	Where Available	Report Heading	Description
UserChar2	char 20 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Character Field 2	User-defined character field for a volume.
UserChar3	char 20 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Character Field 3	User-defined character field for a volume.
UserChar4	char 20 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Character Field 4	User-defined character field for a volume.
UserChar5	char 20 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Character Field 5	User-defined character field for a volume.

Table 9. Fields Specific to TMS Custom

Field	Type Size Summary	Where Available	Report Heading	Description
UserChar6	char 20 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Character Field 6	User-defined character field for a volume.
UserChar7	char 20 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Character Field 7	User-defined character field for a volume.
UserChar8	char 20 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Character Field 8	User-defined character field for a volume.
UserChar9	char 20 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Character Field 9	User-defined character field for a volume.

Table 9. Fields Specific to TMS Custom

Field	Type Size Summary	Where Available	Report Heading	Description
UserDate1	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Date Field 1	User-defined date field for a volume.
UserDate10	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Date Field 10	User-defined date field for a volume.
UserDate2	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Date Field 2	User-defined date field for a volume.
UserDate3	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Date Field 3	User-defined date field for a volume.

Table 9. Fields Specific to TMS Custom

Field	Type Size Summary	Where Available	Report Heading	Description
UserDate4	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Date Field 4	User-defined date field for a volume.
UserDate5	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Date Field 5	User-defined date field for a volume.
UserDate6	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Date Field 6	User-defined date field for a volume.
UserDate7	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Date Field 7	User-defined date field for a volume.

Table 9. Fields Specific to TMS Custom

Field	Type Size Summary	Where Available	Report Heading	Description
UserDate8	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Date Field 8	User-defined date field for a volume.
UserDate9	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Date Field 9	User-defined date field for a volume.
UserInt1	int 7 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Integer Field 1	User-defined integer field for a volume.
UserInt10	int 7 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Integer Field 10	User-defined integer field for a volume.

Table 9. Fields Specific to TMS Custom

Field	Type Size Summary	Where Available	Report Heading	Description
UserInt2	int 7 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Integer Field 2	User-defined integer field for a volume.
UserInt3	int 7 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Integer Field 3	User-defined integer field for a volume.
UserInt4	int 7 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Integer Field 4	User-defined integer field for a volume.
UserInt5	int 7 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Integer Field 5	User-defined integer field for a volume.

Table 9. Fields Specific to TMS Custom

Field	Type Size Summary	Where Available	Report Heading	Description
UserInt6	int 7 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Integer Field 6	User-defined integer field for a volume.
UserInt7	int 7 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Integer Field 7	User-defined integer field for a volume.
UserInt8	int 7 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Integer Field 8	User-defined integer field for a volume.
UserInt9	int 7 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Integer Field 9	User-defined integer field for a volume.

Table 9. Fields Specific to TMS Custom

Field	Type Size Summary	Where Available	Report Heading	Description
UserTime1	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Time Field 1	User-defined time field for a volume.
UserTime10	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Time Field 10	User-defined time field for a volume.
UserTime2	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Time Field 2	User-defined time field for a volume.
UserTime3	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Time Field 3	User-defined time field for a volume.

Table 9. Fields Specific to TMS Custom

Field	Type Size Summary	Where Available	Report Heading	Description
UserTime4	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Time Field 4	User-defined time field for a volume.
UserTime5	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Time Field 5	User-defined time field for a volume.
UserTime6	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Time Field 6	User-defined time field for a volume.
UserTime7	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Time Field 7	User-defined time field for a volume.

Table 9. Fields Specific to TMS Custom

Field	Type Size Summary	Where Available	Report Heading	Description
UserTime8	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Time Field 8	User-defined time field for a volume.
UserTime9	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Time Field 9	User-defined time field for a volume.

Fields Specific to TMS Open

Table 10. Fields Specific to TMS Open

Field	Type Size Summary	Where Available	Report Heading	Description
Scratch SCR	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report	Scratch	The volume is classified as a scratch volume by ExLM.
TMSBad	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report	TMS Bad	The volume has been marked defective in the tape management system.
TMSExpired	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report	TMS Expired	The volume is marked expired in the tape management system.
TMSReel	bool See notes below. true	Custom MVC_VTV Report Custom Volume Report	TMS Reel	The volume is marked as a 9-track reel tape in the tape management system.
TMSUse	int 5 none	Action Custom MVC_VTV Report Custom Volume Report	TMS Use Count	The number of times the volume has been used.

Table 10. Fields Specific to TMS Open

Field	Type Size Summary	Where Available	Report Heading	Description
UserBool1	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Boolean Field 1	User-defined Boolean field for a volume.
UserBool10	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Boolean Field 10	User-defined Boolean field for a volume.
UserBool2	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Boolean Field 2	User-defined Boolean field for a volume.
UserBool3	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Boolean Field 3	User-defined Boolean field for a volume.

Table 10. Fields Specific to TMS Open

Field	Type Size Summary	Where Available	Report Heading	Description
UserBool4	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Boolean Field 4	User-defined Boolean field for a volume.
UserBool5	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Boolean Field 5	User-defined Boolean field for a volume.
UserBool6	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Boolean Field 6	User-defined Boolean field for a volume.
UserBool7	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Boolean Field 7	User-defined Boolean field for a volume.

Table 10. Fields Specific to TMS Open

Field	Type Size Summary	Where Available	Report Heading	Description
UserBool8	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Boolean Field 8	User-defined Boolean field for a volume.
UserBool9	bool See notes below. true	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Boolean Field 9	User-defined Boolean field for a volume.
UserChar1	char 20 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Character Field 1	User-defined character field for a volume.
UserChar10	char 20 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Character Field 10	User-defined character field for a volume.

Table 10. Fields Specific to TMS Open

Field	Type Size Summary	Where Available	Report Heading	Description
UserChar2	char 20 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Defined Character Field 2	User-defined character field for a volume.
UserChar3	char 20 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Defined Character Field 3	User-defined character field for a volume.
UserChar4	char 20 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Defined Character Field 4	User-defined character field for a volume.
UserChar5	char 20 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Defined Character Field 5	User-defined character field for a volume.

Table 10. Fields Specific to TMS Open

Field	Type Size Summary	Where Available	Report Heading	Description
UserChar6	char 20 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Character Field 6	User-defined character field for a volume.
UserChar7	char 20 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Character Field 7	User-defined character field for a volume.
UserChar8	char 20 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Character Field 8	User-defined character field for a volume.
UserChar9	char 20 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Character Field 9	User-defined character field for a volume.

Table 10. Fields Specific to TMS Open

Field	Type Size Summary	Where Available	Report Heading	Description
UserDate1	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Date Field 1	User-defined date field for a volume.
UserDate10	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Date Field 10	User-defined date field for a volume.
UserDate2	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Date Field 2	User-defined date field for a volume.
UserDate3	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Date Field 3	User-defined date field for a volume.

Table 10. Fields Specific to TMS Open

Field	Type Size Summary	Where Available	Report Heading	Description
UserDate4	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Date Field 4	User-defined date field for a volume.
UserDate5	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Date Field 5	User-defined date field for a volume.
UserDate6	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Date Field 6	User-defined date field for a volume.
UserDate7	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Date Field 7	User-defined date field for a volume.

Table 10. Fields Specific to TMS Open

Field	Type Size Summary	Where Available	Report Heading	Description
UserDate8	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Date Field 8	User-defined date field for a volume.
UserDate9	date See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Date Field 9	User-defined date field for a volume.
UserInt1	int 7 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Integer Field 1	User-defined integer field for a volume.
UserInt10	int 7 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Integer Field 10	User-defined integer field for a volume.

Table 10. Fields Specific to TMS Open

Field	Type Size Summary	Where Available	Report Heading	Description
UserInt2	int 7 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Integer Field 2	User-defined integer field for a volume.
UserInt3	int 7 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Integer Field 3	User-defined integer field for a volume.
UserInt4	int 7 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Integer Field 4	User-defined integer field for a volume.
UserInt5	int 7 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Integer Field 5	User-defined integer field for a volume.

Table 10. Fields Specific to TMS Open

Field	Type Size Summary	Where Available	Report Heading	Description
UserInt6	int 7 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Integer Field 6	User-defined integer field for a volume.
UserInt7	int 7 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Integer Field 7	User-defined integer field for a volume.
UserInt8	int 7 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Integer Field 8	User-defined integer field for a volume.
UserInt9	int 7 none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Integer Field 9	User-defined integer field for a volume.

Table 10. Fields Specific to TMS Open

Field	Type Size Summary	Where Available	Report Heading	Description
UserTime1	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Time Field 1	User-defined time field for a volume.
UserTime10	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Time Field 10	User-defined time field for a volume.
UserTime2	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Time Field 2	User-defined time field for a volume.
UserTime3	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Time Field 3	User-defined time field for a volume.

Table 10. Fields Specific to TMS Open

Field	Type Size Summary	Where Available	Report Heading	Description
UserTime4	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Time Field 4	User-defined time field for a volume.
UserTime5	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Time Field 5	User-defined time field for a volume.
UserTime6	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Time Field 6	User-defined time field for a volume.
UserTime7	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Time Field 7	User-defined time field for a volume.

Table 10. Fields Specific to TMS Open

Field	Type Size Summary	Where Available	Report Heading	Description
UserTime8	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Time Field 8	User-defined time field for a volume.
UserTime9	time See notes below. none	Action Custom MVC_VTV Report Custom Volume Report Method Assignment	User-Define d Time Field 9	User-defined time field for a volume.

Fields Specific to TMS TLMS

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BAAbdfg	char 1 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Abend Flag	TLMS-specificabend flag.

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BAAActive	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS File Count	TLMS-specific active file count.
BAAscbse	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Associated Base	TLMS-specific associated base.
BAAscvol	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Associated Volume	TLMS-specific associated volume.
BABlkcnt	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Block Count	TLMS-specific block count.

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BABlksiz	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Block Size	TLMS-specific block size.
BABuydat	date See notes below. none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Purchase Date	TLMS-specific purchase date.
BACdsexp	date See notes below. none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Highest Expire Date	TLMS-specific highest IBM expiration date on volume.
BACdsflg	char 1 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS CDS Flag	TLMS-specific controlling data set flag.

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BACdskep	date See notes below. none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Highest Keep Date	TLMS-specific highest keep date on volume.
BACdsseq	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS CDS Seq Num	TLMS-specific controlling data set sequence number.
BACHnvol	char 6 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS 1st Volume In Chain	TLMS-specific 1st volume in chain.
BACkptkn	char 1 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Checkpoint Taken	TLMS-specific check point taken (Y=Yes; B=No).

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BACIncnt	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Cleanings Since Cert	TLMS-specific cleanings since certified.
BACIndat	date See notes below. none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Clean Date	TLMS-specific clean date.
BACpusmf	char 4 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Creation CPU SMFid	TLMS-specific creation CPU SMF ID.
BACredat	date See notes below. none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Create Date	TLMS-specific create date.

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BACreddn	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Creation Ddname	TLMS-specific creation ddname.
BACredev	char (alternate) 3 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Creation Drive	TLMS-specific creation drive.
BACrejob	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Creation Jobname	TLMS-specific creation jobname.
BACrepgm	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Creation Pgm	TLMS-specific creation program name.

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BACrestp	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Creation Stepname	TLMS-specific creation stepname.
BACretim	time See notes below. none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Creation Time	TLMS-specific time of day the volume was created.
BACrtcnt	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Total Certs	TLMS-specific total certifications.
BACrtdat	date See notes below. none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Certificatio n Date	TLMS-specific certification date.

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BADamcd e	char 1 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Damaged Code	TLMS-specific damaged code.
BADen	char 1 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Density	TLMS-specific density.
BADescde	char 1 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Destroyed Code	TLMS-specific destroyed code.
BADesdat	date See notes below. none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Destroyed Date	TLMS-specific destroyed date.

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BADsn	char 44 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Data Set Name	TLMS-specific data set name.
BAErgent	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Current Erase gaps	TLMS-specific current erase gaps on volume.
BAErgmax	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Max Erase Gaps	TLMS-specific max erase gaps on volume.
BAExpdat	date See notes below. none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Expire Date	TLMS-specific IBM expiration date for data set.

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BAFilcnt	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS File Count	TLMS-specific file count.
BAFilseq	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS File Seq In Chain	TLMS-specific file sequence in chain.
BAFlg001	int 3 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Reserved CA-1 Flag1	TLMS-specific reserved for CA-1 FLG001.
BAFlg003	int 3 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Reserved CA-1 Flag3	TLMS-specific reserved for CA-1 FLG003.

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BAFlg004	int 3 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Reserved CA-1 Flag4	TLMS-specific reserved for CA-1 FLG004.
BAFlg005	int 3 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Reserved TLMS Flag5	TLMS-specific reserved for TLMS FLG005.
BAFlg006	int 3 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Reserved TLMS Flag6	TLMS-specific reserved for TLMS FLG006.
BAKepdat	date See notes below. none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Keep Date	TLMS-specific keep date for data set.

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BALabtyp	char 1 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Label Type	TLMS-specific label type.
BALasdat	date See notes below. none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Last Used Date	TLMS-specific last used date.
BALasdev	char (alternate) 3 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Last Used Drive	TLMS-specific last used drive.
BALasjob	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Last Used Jobname	TLMS-specific last used jobname.

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BALoc	char 2 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Volume Location	TLMS-specific volume location.
BALoscde	char 1 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Lost Code	TLMS-specific lost code.
BAMds1st	char (alternate) 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Multi-dsn First Ptr	TLMS-specific multi-dataset first chain pointer.
BAMdslst	char (alternate) 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Multi-dsn Last Ptr	TLMS-specific multi-dataset last chain pointer.

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BAMovdat	date See notes below. none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Date Moved	TLMS-specific date volume moved.
BAMvlent	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS BAMvltab Volume Count	TLMS-specific count of volumes in BAMvltab.
BAMvlseq 1	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Multi-vol Seq Num 1	TLMS-specific multi-volume sequence number 1.
BAMvlseq 2	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Multi-vol Seq Num 2	TLMS-specific multi-volume sequence number 2.

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BAMvlseq 3	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Multi-vol Seq Num 3	TLMS-specific multi-volume sequence number 3.
BAMvlseq 4	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Multi-vol Seq Num 4	TLMS-specific multi-volume sequence number 4.
BAMvlseq 5	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Multi-vol Seq Num 5	TLMS-specific multi-volume sequence number 5.
BAMvlvol 1	char 6 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Multi-vol Serial 1	TLMS-specific multi-volume chain serial number 1.

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BAMvlvol 2	char 6 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Multi-vol Serial 2	TLMS-specific multi-volume chain serial number 2.
BAMvlvol 3	char 6 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Multi-vol Serial 3	TLMS-specific multi-volume chain serial number 3.
BAMvlvol 4	char 6 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Multi-vol Serial 4	TLMS-specific multi-volume chain serial number 4.
BAMvlvol 5	char 6 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Multi-vol Serial 5	TLMS-specific multi-volume chain serial number 5.

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BAOutsrv	char 4 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Out of Service Code	TLMS-specific out of service code. Contains BALoscde, BADamcde, and BADescde.
BARecsiz	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS LRECL	TLMS-specific logical record length.
BARederr	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Temporary Read Errors	TLMS-specific current temporary read errors.
BARfm	char 3 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Record Format	TLMS-specific record format.

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BARtncnt1	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Retention Count - 1	TLMS-specific retention count for retention entry 1.
BARtncnt2	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Retention Count - 2	TLMS-specific retention count for retention entry 2.
BARtncnt3	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Retention Count - 3	TLMS-specific retention count for retention entry 3.
BARtncnt4	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Retention Count - 4	TLMS-specific retention count for retention entry 4.

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BARtncnt5	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Retention Count - 5	TLMS-specific retention count for retention entry 5.
BARtncnt6	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Retention Count - 6	TLMS-specific retention count for retention entry 6.
BARtndev	char 4 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Cabinet Slot	TLMS-specific box or cabinet/slot.
BARtnLoc 1	char 2 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Retention Loc - 1	TLMS-specific user retention location for retention entry 1.

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BARtnLoc 2	char 2 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Retention Loc - 2	TLMS-specific user retention location for retention entry 2.
BARtnLoc 3	char 2 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Retention Loc - 3	TLMS-specific user retention location for retention entry 3.
BARtnLoc 4	char 2 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Retention Loc - 4	TLMS-specific user retention location for retention entry 4.
BARtnLoc 5	char 2 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Retention Loc - 5	TLMS-specific user retention location for retention entry 5.

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BARtnLoc 6	char 2 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Retention Loc - 6	TLMS-specific user retention location for retention entry 6.
BARtnptr	char 1 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Retention Entry	TLMS-specific offset of active retention entry.
BARtnsrc	char 1 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Retention Source	TLMS-specific retention source. '' (blank) = No retention data; '1' = From RMF; '2' = From JCL; '3' = From manual update.
BARtntyp 1	char 1 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Retention Type - 1	TLMS-specific user retention type for retention entry 1. '1' = Catalog control; '2' = Date control; '3' = Catalog and age; '4' = Cycle control; '5' = Age; '6' = Move immediate control; '7' = Manual control; '8' = Days since last used; '9' = Expiration date.

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BARntyp 2	char 1 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Retention Type - 2	TLMS-specific user retention type for retention entry 2. '1' = Catalog control; '2' = Date control; '3' = Catalog and age; '4' = Cycle control; '5' = Age; '6' = Move immediate control; '7' = Manual control; '8' = Days since last used; '9' = Expiration date.
BARntyp 3	char 1 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Retention Type - 3	TLMS-specific user retention type for retention entry 3. '1' = Catalog control; '2' = Date control; '3' = Catalog and age; '4' = Cycle control; '5' = Age; '6' = Move immediate control; '7' = Manual control; '8' = Days since last used; '9' = Expiration date.
BARntyp 4	char 1 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Retention Type - 4	TLMS-specific user retention type for retention entry 4. '1' = Catalog control; '2' = Date control; '3' = Catalog and age; '4' = Cycle control; '5' = Age; '6' = Move immediate control; '7' = Manual control; '8' = Days since last used; '9' = Expiration date.
BARntyp 5	char 1 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Retention Type - 5	TLMS-specific user retention type for retention entry 5. '1' = Catalog control; '2' = Date control; '3' = Catalog and age; '4' = Cycle control; '5' = Age; '6' = Move immediate control; '7' = Manual control; '8' = Days since last used; '9' = Expiration date.

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BARntyp 6	char 1 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Retention Type - 6	TLMS-specific user retention type for retention entry 6. '1' = Catalog control; '2' = Date control; '3' = Catalog and age; '4' = Cycle control; '5' = Age; '6' = Move immediate control; '7' = Manual control; '8' = Days since last used; '9' = Expiration date.
BAScrdat	date See notes below. none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Scratch Date	TLMS-specific date volume scratched.
BAScruid	char 1 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Scratched ID	TLMS-specific scratched by ID. '1' = TRS; '2' = JCL; '3' = Manual; '4' = External data manager.
BASmsgt	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Mgmt Class	TLMS-specific SMS management class

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BASpcchn	char 1 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Special Chaining	TLMS-specific special chaining (chained for moves).
BASpnflg	char 1 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Spanned Flag	TLMS-specific spanned data set flag (1=spanned).
BASrvscr	char 1 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Serv/Scr Indicator	TLMS-specific service/scratch indicator. '0' = Skipped segment record; '1' = In service/Non scratch; '2' = In service/Scratch; '3' = Out service/Non scratch; '4' = Out Service/Scratch.
BATaplen	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Tape Length	TLMS-specific tape length.

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BATapmod	char 1 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Recording Technique	TLMS-specific track recording technique.
BATaptyp	char 2 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Tape Type	TLMS-specific tape type.
BATrspro	char 1 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS TRS Processed	TLMS-specific TRS has processed this volume.
BAUnisrt	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Sort Unique	TLMS-specific sort unique code.

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BAUsebuy	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Uses Since Purchased	TLMS-specific uses since purchased.
BAUsecln	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Uses Since Cleaned	TLMS-specific uses since cleaned.
BAUsecert	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Uses Since Certified	TLMS-specific uses since certified.
BAUsr001	char 15 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Job Accounting	TLMS-specific user data. (Defaults to job accounting - TCB).

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BAUsr002	char 15 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Programme r Name	TLMS-specific user data. (Defaults to programmer name - TCB).
BAUsr003	char 29 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS User Data	TLMS-specific user data area.
BAVender	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Manufactur er Code	TLMS-specific user updated manufacturer code.
BAVol1st	char (alternate) 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Multi-vol First Ptr	TLMS-specific multi-volume first volume serial number pointer.

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BAVolcnt	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Volume Count	TLMS-specific volume count.
BAVollst	char (alternate) 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Multi-Vol Last Ptr	TLMS-specific multi-volume last chain pointer.
BAVolown	char 8 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Volume Owner	TLMS-specific volume owner.
BAValseq	int 5 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Volume Seq	TLMS-specific volume sequence number.

Table 11. Fields Specific to TMS TLMS

Field	Type Size Summary	Where Available	Report Heading	Description
BAVolser	char 6 none	Action Custom MVC_VT V Report Custom Volume Report Method Assignment	TLMS Volume Serial	TLMS-specific volume serial number

Valid Formats for Date/Time Fields

Table 12. Valid Formats for Date Fields

Type	Size	Example
yyddd	5	97248
ccyyddd	7	1997248
yy.ddd	6	97.248
ccyy.ddd	8	1997.248
mm/dd/yy	8	09/05/97
mm/dd/ccyy	10	09/05/1997
yy-mm-dd	8	97-09-05
yyyy-mm-dd	10	2000-09-05 This is the default.
dd_mmm_yy	9	09 Sep 97
dd_mmm_ccyy	11	09 Sep 1997
ddmmyy	7	09Sep98
ddmmccyy	9	09Sep1997
textdate	18	September 9, 1997
textdaydate	29	Wednesday, September 10, 1997

Table 13. Valid Formats for Time Fields

Type	Size	Example
hh:mm	5	22:21
hh:mm:ss	8	22:21:32 This is the default.
hh:mm:ss_pm	11	10:21:32 PM

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