Tivoli Information Management for z/OS SC31-8754-00

Reference Summary

Version 7.1

Tivoli Information Management for z/OS SC31-8754-00

Reference Summary

Version 7.1

IBM

Contents

About This Book

This book is a reference guide of all the commands and other reference information used with Tivoli® Information Management for z/OS (hereafter called Tivoli Information Management for z/OS).

Notices

Tivoli Information Management for z/OS Reference Summary

Copyright Notice

Trademarks

The following terms are trademarks of International Business Machines Corporation in the United States, other countries, or both: IBM, the IBM logo, Tivoli, the Tivoli logo, MVS, MVS/ESA, OS/390, Tivoli Enterprise Console, TME 10, z/OS.

Other company, product, and service names mentioned in this document may be trademarks or service marks of others.

Notices

References in this publication to Tivoli Systems or IBM products, programs, or services do not imply that they will be available in all countries in which Tivoli Systems or IBM operates. Any reference to these products, programs, or services is not intended to imply that only Tivoli Systems or IBM products, programs, or services can be used. Subject to valid intellectual property or other legally protectable right of Tivoli Systems or IBM, any functionally equivalent product, program, or service can be used instead of the referenced product, program, or service. The evaluation and verification of operation in conjunction with other products, except those expressly designated by Tivoli Systems or IBM, are the responsibility of the user. Tivoli Systems or IBM may have patents or pending patent applications covering subject matter in this document. The furnishing of this document does not give you any license to these patents. You can send license inquiries, in writing, to the IBM Director of Licensing, IBM Corporation, North Castle Drive, Armonk, New York 10504-1785, U.S.A.

Changes to Tivoli Information Management for z/OS

Tivoli Information Management for z/OS Version 7.1 has numerous updates and additions. For a complete list, refer to the *Tivoli Information Management for z/OS Planning and Installation Guide and Reference*.

Prerequisite and Related Documentation

The library for Tivoli Information Management for z/OS Version 7.1 consists of these publications.

Tivoli Information Management for z/OS Application Program Interface Guide, SC31-8737-00

Tivoli Information Management for z/OS Client Installation and User's Guide, SC31-8738-00

Tivoli Information Management for z/OS Data Reporting User's Guide, SC31-8739-00

Tivoli Information Management for z/OS Desktop User's Guide, SC31-8740-00

Tivoli Information Management for z/OS Diagnosis Guide, GC31-8741-00

Tivoli Information Management for z/OS Guide to Integrating with Tivoli Applications, SC31-8744-00

Tivoli Information Management for z/OS Integration Facility Guide, SC31-8745-00

Tivoli Information Management for z/OS Licensed Program Specification, GC31-8746-00

Tivoli Information Management for z/OS Master Index, Glossary, and Bibliography, SC31-8747-00

Tivoli Information Management for z/OS Messages and Codes, GC31-8748-00

Tivoli Information Management for z/OS Operation and Maintenance Reference, SC31-8749-00

Tivoli Information Management for z/OS Panel Modification Facility Guide, SC31-8750-00

Tivoli Information Management for z/OS Planning and Installation Guide and Reference, GC31-8751-00

Tivoli Information Management for z/OS Problem, Change, and Configuration Management, SC31-8752-00

Tivoli Information Management for z/OS Program Administration Guide and Reference, SC31-8753-00

Tivoli Information Management for z/OS Reference Summary, SC31-8754-00

Tivoli Information Management for z/OS Terminal Simulator Guide and Reference, SC31-8755-00

Tivoli Information Management for z/OS User's Guide, SC31-8756-00

Tivoli Information Management for z/OS World Wide Web Interface Guide, SC31-8757-00

Note: Tivoli is in the process of changing product names. Products referenced in this manual may still be available under their old names (for example, TME 10™ Enterprise Console instead of Tivoli Enterprise Console®).

Starting Tivoli Information Management for z/OS

TSO

Your installation's command

NOTES

Command Summary

The commands used with Tivoli Information Management for z/OS are described in this section.

Reading Command Syntax

Command syntax and notational conventions are:

- The minimum truncations for commands are indicated by capital letters.
- Operands shown in braces { } represent alternatives. You must choose one.
- Operands shown in brackets [ ] are optional. Choose one or none.
- Operands separated by vertical bars | indicate selectable items. Choose one or none.
- An operand shown in *italics* represents the default used by Tivoli Information Management for z/OS if you do not choose an operand.
- Operands shown in lowercase are variable. Substitute your own value for them. Enter uppercase operands as shown, but not necessarily in uppercase.

Tivoli Information Management for z/OS Commands

Command	Operands	Description
ARgument		Allow entry of freeform search arguments
BAck	[Displayed]| [Processed]	Return to previous panel without saving data

Command	Operands	Description
CAncel		End current prompting sequence without saving changes or data
CHange		Modify contents of stored response chain (SRC). Change a search argument.
COPy	[R [id]]	Create new record from existing record in the database
DElete	[R [id]]	Delete a record from the database
DIsplay	[R [id]]	Display a record from the database
DOwn	[nnnn|Csr|Half|Page|Max|LAST]	Scroll toward bottom of a table display or help panel
DROp	{nnn|All|Panel}	Do not run user line commands
ENd	[Generate]	End the current prompting sequence and save changes
EXecute	[src-name]	Run an SRC

COMMANDS AND OPERANDS

Command	Operands	Description
FAbend		Abnormally end (ABEND) your session any time a severe error occurs. FABEND forces Tivoli Information Management for z/OS to ABEND and returns an error code.
FINd	[string] [[*CHAR* | CHARACTER]| WORD|[PRE| PREFIX] | [SUF | SUFFIX] [*NEXT* | [PREV | PREVIOUS] | FIRST|LAST]]	Locate a string of text in table display
FLow	[*ON* |OFf]	Trace the panels, TSPs, TSXs, or data attribute records used during a Tivoli Information Management for z/OS session
FRee	data-set	Close and free an open data set
GEnerate		Create an SRC

Command	Operands	Description
GLossary	[string]	Display the glossary for a database
Help	[cmd|STATUs| VAlidate]	Obtain assistance or message explanation
INitialize		Cancel the current prompting sequence and return to the most recent primary options menu. Any changes that were not permanently saved are lost.
ISpf	command string	Issue an ISPF command from Tivoli Information Management for z/OS
LEft	[nnnn|Csr|Half| Page|Max] [COlumn]	Scroll left on a table display
LInecmd	line-command	Use line commands in a response chain
Next	[*Cancel* |End]	Display the next record from a search results list or sequential record list

COMMANDS AND OPERANDS

Command	Operands	Description
Order		Establish sequential mode from search results list
PREvious	[*Cancel* |End]	Display the previous record from a search results list or sequential record list
PRInt	[R [id]|All]	Print a database record or contents of a displayed table
PROfile		Enter the profile prompting sequence
Quit		End your session and leave Tivoli Information Management for z/OS. You must save any collected data before you quit if you do not want to lose it.
RECall	[Search | Cmdline | Notsp]	Recall command line data or TSP last search
REPort	[=n|=c|=nc] [argument| +argument]	Produce a written report

Command	Operands	Description
RESume		Return to the last prompting sequence you suspended
RIght	[nnnn|Csr| Half|Page| Max][COlumn]	Scroll to the right on a displayed table
RUn	[TSPname| alias|tsxname [parmlist]]	Run user line commands that were collected, start a TSP from the command line, or run a TSX
SEarch	[=n|=c|=nc|=n*] [argument| +argument]	Start a search operation
SOrt	[column][A|D]	Sort data in columns on a table list processor panel
STatistics		Display search statistics
SUspend		Suspend the current prompting sequence so you can start another
TAble	[pnlname| Reset]	Identify an alternate table panel on which to display a search results list

COMMANDS AND OPERANDS

Command	Operands	Description
TRace	[*ON* [Nolink] [*Ignore* | Keep] |OFf]	Trace the flow of the control lines being processed by one or more TSPs. Enable REXX tracing for TSXs that test the BLGTRACE variable.
UP	[nnnn|Csr| Half| Page|Max]	Scroll toward top of displayed table
UPDate	[R [id]]	Update a record in the database
View	[Argument] [Internals] [ON|OFf]	Display prompting sequence responses or the existing search argument.
Window	{[QUERY | QUERY PROFILE]| [SAVE | SAVE PROFILE]| [STANDARD]| [ENHANCED]| [window-name]| [CONTROL {AUTO| USER}]}	Control the ISPF panel style used to display Tivoli Information Management for z/OS panels. Use to query or change the settings for the panels.

Panel Modification Facility (PMF) Commands

Command	Operands	Description
AT		Delimit an area on the panel
BLanka		Blank out an area on the panel
CONtrol		Create control information for fields or panels
FIEld	[[Protect|Unprotect] [High|Low]] [[SKip|Noskip] [High|Low]] [Clear] [Activate] [SHow] [Off]	Define and test attribute bytes for fields
Movea		Move an area on the panel
SRight		Shift wide panels to the right
SLeft		Shift wide panels to the left

Command Operand Definitions

Operand	Description
argument	Specifies one or more freeform keywords to use as the search argument.

COMMAND OPERANDS

Operand	Description
Argument	Specifies the display of your current search argument.
+ argument	Specifies one or more freeform keywords to add to the existing search argument.
=c	Specifies the logical file or files to search.
Cancel	Specifies that unfiled changes are canceled before the preceding or following record is displayed.
Character, CHAR	Indicates that the FIND command should locate the character string anywhere in a line.
Cmd	ISPF or TSO command string, or a command name for which help is being requested.
Cmdline	Specifies that the data you last entered on the command line be retrieved and displayed.
COlumn	The scroll area is limited to the scrollable column that contains the cursor.

Operand	Description
CONTROL	Specifies whether windows should change automatically. If CONTROL is set to AUTO, then any window supporting auto control is allowed to do so. If CONTROL is set to USER, then automatic window switching is prevented.
Csr	The logical line in the scroll area marked by the cursor should be scrolled to the top or bottom of the scroll area, or the scroll area is to be moved to the left or right.
data-set	Specify a data set for the FRee command to effect.
Displayed	Specifies that the last panel you actually saw is to be displayed.
End	Saves your changes before displaying the preceding or following record.
ENHANCED	Specifies that the enhanced window style with action bars and keylists be used for display.
FIRST	Locates the first occurrence of the character string.

COMMAND OPERANDS

Operand	Description
Generate	Stops the process of collecting responses into an SRC.
Half	The scroll area is moved so that half of the physical lines are scrolled off the top or bottom of the screen, or the scroll area is moved left or right such that half of the character positions disappear to the left or to the right.
Ignore	Specifies that trace control lines in a TSP will be overridden by TRACE command.
Internals	The collected data for the current search argument or the current item being processed displays in internal format.
Keep	Specifies that trace control lines in a TSP override the TRACE command.
LAST	The scroll area is moved to the bottom with the last line of data at the top of the scroll area, or locates the last occurrence of the character string in the data.

Operand	Description
Max	The scroll area is moved to the bottom or the top of the data, with the last line of data at the bottom of the scroll area, or the first line of data at the top of the scroll area. The scroll area is moved left or right such that the first column is at the far left of the scroll area or the last column is at the far right of the scroll area (depending on whether the command was LEFT or RIGHT, respectively.)
=n	A database identifier. Type 5 for Tivoli Information Management for z/OS.
=nc	Specifies the database and the logical file or files.
=n*	Specifies the database and all accessible logical partitions.
nnnn	Specifies the number of character positions or logical lines to scroll.
Next	Locates the next occurrence of the character string.
Nolink	Specifies that TRACE command should not trace a linked-to TSP.

COMMAND OPERANDS

Operand	Description
Notsp	Specifies RECALL to display last command line data the user entered.
On	Activates the file time display of the view internals function. Activates the FLOW command. Activates the TRACE command.
Off	Deactivates the file time display of the view internals function. Deactivates the FLOW command. Deactivates the TRACE command.
Page	The scroll area is moved such that all of the physical lines shown scroll off the top or bottom of the screen. The scroll area is moved left or right such that the first column is at the far left of the scroll area or the last column is at the far right of the scroll area (depending on whether the command was LEFT or RIGHT, respectively.)
Pnlname	Specifies the name of the alternate table panel for displaying a search results list.
Prefix, PRE	Locates the character string only when preceded and followed by a character that is not alphanumeric.

Operand	Description
Previous, PREV	Locates the previous occurrence of the character string.
Processed	Specifies the last panel processed by Tivoli Information Management for z/OS is to be displayed.
QUERY	Specifies that the current window name in used to be displayed.
R ID	Identifies a record in the database.
Reset	Do not use the alternate table panel any longer; use the table panel specified in the profile (or control panel if none is in the profile).
SAVE	Specifies that the current value of window name be stored in your profile.
Search	Specifies that the last SEARCH command entered be retrieved and displayed on the command line.
STANDARD	Specifies that the standard window style without action bars and keylists to be used for display.
Status	Displays information about the current session and the available commands.

Operand	Description
String	Identifies the character string to be used in the scan.
SRC-name	Identifies the SRC that is to start running at the current point.
Suffix, SUF	Locates the character string only when preceded and followed by a character that is not alphanumeric.
window-name	Specifies a new window be used to display panels.
Word	Locates the character string only when preceded and followed by a character that is not alphanumeric.

Line Commands

Issue line commands on Tivoli Information Management for z/OS panels in the space that precedes the line of data. This space is called the *line command area*.

Use line commands to process single or multiple lines or records, including blocks of lines or records. Use block line commands to perform a task with a block of lines or records. A block consists of consecutive lines or records in a search-results list. For example, to select a block of records, type `ss` next to the first record in the block and `ss` next to the last record in the block and press Enter. The records are displayed one at a time.

LINE COMMANDS

The following list describes the line commands you can use on Tivoli Information Management for z/OS panels. Certain commands are used only for lines, whereas others are used only for records, as indicated in the command descriptions.

The # character represents a number. This character is not used when issuing line commands.

A Move or copy a line or block of lines after this line.

A or A# Add a line or a number of lines to the end of a table panel used with the list processor.

C, C#, or CC
Copy a record or line, a number of records or lines, or a block of records or lines.

D, D#, or DD
Delete a record or line, a number of records or lines, or a block of records or lines.

E Execute or erase field contents.

F Access a sublist table from a row in a list processor table.

I or I# Insert a line or a number of lines.

L Line entry (table list panels only) or Lengthen (freeform text using INFO editor only).

L# Line entry on table list panels in the column number specified by #. For example, to enter data into list 2, type L2.

M, M#, or MM
Move a record or line, a number of records or lines, or a block of records or lines.

P, P#, or PP
Print a record, a number of records, or a block of records.

R, R#, or RR
Repeat a record or line, a number of records or lines, or a block of records or lines.

S or SS Display (select) a record or a block of records.

U, U#, or UU
Update a record, panel, or line, a number of records, panels, or lines, or a block of records, panels, or lines.

BLX-Service Provider (BLX-SP) Operator Commands

Operator commands for the BLX-SP are as follows:

ADDVDEF
The BLX-SP operator can add VSAM resource definitions to an active central address space (that is, BLX-SP). The ADDVDEF command syntax is as follows:

```
MODIFY|F     procname,ADDVDEF
             ,PARM=modname
```

BRDCST
The BRDCST command has three distinct functions:

- BRDCST
- MSG
- REFRESH

BRDCST
The BLX-SP operator can broadcast data to any application connected to the BLX-SP and to Tivoli Information Management for

z/OS users using particular data sets. The BRDCST command syntax is as follows:

```
MODIFY|F  procname,BRDCST
          ,DATA={([MSG,]text)|
          (REFRESH[,dsname])}
          [,APPL=applid]
          [,{FILE=abbbbbbb |
          DATASET=xxxx
          TABLES}]
          [,SYSPLEX]
```

MSG

The BLX-SP operator can send a message to all BLX-SP connected Tivoli Information Management for z/OS users. The message displays in the user's terminal message area after the next BLX-SP service request made by the Tivoli Information Management for z/OS process. The MSG command syntax is as follows:

```
MODIFY|F  procname,BRDCST
          [APPL=applid]
          ,DATA=('MSG,msgtext')
```

Note: When Tivoli Information Management for z/OS receives unsupported broadcast data, it handles this data as a MSG command.

REFRESH

The BLX-SP operator can signal all Management application processes that a refresh of locally maintained panel buffers is required. The REFRESH command syntax is as follows:

```
MODIFY|F  procname,BRDCST
          [APPL=applid]
          ,DATA=(MSG,REFRESH[,dsname])
```

FREE

The BLX-SP operator can deallocate a VSAM data set that has been allocated by BLX-SP for Tivoli Information Management for z/OS user address spaces.

Note: If sysplex mode is enabled, the FREE command request affects all Tivoli Information Management for z/OS users on BLX-SPs running in sysplex mode on each system in a sysplex, regardless of the BLX-SP procname specified. Also, if sysplex mode is enabled, the FILE keyword is not valid.

The FREE command syntax is as follows:

```
MODIFY|F  procname,FREE
          {,FILE=lname|,DATASET=dsname}
          [,OPTION={NORMAL|
          QUIESCE|FORCE}]
```

MAILQ

The BLX-SP operator can change the settings of the BLX-SP queues used in processing e-mail notices to users when a record is created or updated. The MAILQ command syntax is as follows:

```
MODIFY|F  procname,MAILQ
          {,MODIFYQ=(queuename,warning_limit,
          maximum_limit)}
          [,QUERY]
```

QUERY

The BLX-SP operator can get information about data sets defined to the BLX-SP.

Note: If sysplex mode is enabled, the QUERY command queries the entire sysplex. If sysplex mode is enabled, only the DATASET keyword is valid. The FILE,

USER, TYPE, and RESET keywords are not valid.

The QUERY command syntax is as follows:

```
MODIFY|F  procname,QUERY
          [,{FILE=lname|DATASET=dsname}]
          [,USER=userid]
          [,TYPE={USERS|IO|VSAM|
          STATUS}]
          [,RESET={YES|NO}]
```

RDR

The BLX-SP operator can maintain and monitor remote data resources. A remote data resource is a named area in the Tivoli Information Management for z/OS BLX-SP that enables multiple user address spaces being supported by a single BLX-SP address space to share data. Items can be placed in a remote data resource by terminal simulator EXECs (TSXs) running in any user address space. For example, a remote data resource can be used to temporarily store and retrieve data that can later be written to a file by a TSX or sent to a batch job.

The syntax for the RDR command is as follows:

```
MODIFY|F  procname,RDR
  [,Query[=name]]
  [,Drain=name]
  [,Flush=name]
  [,Release=name]
  [,Set=(name,minimum,warning,maximum)]
```

REALLOC

The BLX-SP operator can reallocate a VSAM data set for use by user's address spaces that you previously deallocated with the FREE command.

When the FREE command is issued for an open data set, the REALLOC command has to be issued to reallocate the data set before any

user can access it. Active users of the data set have to stop and restart Tivoli Information Management for z/OS after the REALLOC command has been issued before they can reaccess the data set. Users, not actively using the data set, do not have to stop and restart Tivoli Information Management for z/OS to access the data set. However, they cannot access it after the REALLOC command has been issued until another user or utility has allocated the data set.

Note: If sysplex mode is enabled, the REALLOC request affects all Tivoli Information Management for z/OS users on each system in a sysplex, regardless of the BLX-SP procname specified. In addition, if sysplex mode is enabled, only the DATASET keyword is valid. The FILE and UTIL keywords are not valid.

The REALLOC command syntax is as follows:

```
MODIFY|F  procname,REALLOC
          {,FILE=lname|,DATASET=dsname}
          [UTIL]
```

TRACE/LOG (TL)

The user can modify the operating parameters of the log data set and the trace data set. Use the TL command to:

- Manage the trace and log data sets
- Turn on or turn off the trace data set
- Turn on or turn off the log data set
- Turn on or turn off individual trace points
- Specify the number of lines to write
- Close and free the trace data set for printing
- Close and free the log data set for printing
- Time the close and free operation

- Specify SYSOUT data set class
- Place compiled information in a log data set
- Placed compiled information in the trace data set
- Compile infofrmation in the BLX-SP.

The TL command syntax is as follows:

```
MODIFY  procname, TL
        [,TRACE={ON|OFF|SWAP}]
        [,LOG={ON|OFF|SWAP}]
        [,TRACELINES=n]
        [,LOGLINES=n]
        [,TRACESYSOUT=class]
        [,LOGSYSOUT=class]
        [,TRACETOD={x|(x,[y,[z)]])}]
        [,LOGTOD={x|(x,[y,[z)]])}]
        [,QUERY={TRACE|LOG|*}]
        [,TRACEPOINTS={x|(x,y,z,...)}]
```

Other Commands for BLX-SP

The command syntax to start the BLX-SP is as follows:

```
S BLX1PROC,SUB=JESx,PRM=aa
```

BLX1PROC
Represents the procedure name. You can use any valid name.

JESx
Represents the subsystem name.

PRM
Represents the suffix of the BLX-SP parameters member (`ssssaa`) name. Use any valid value for `aa` ; `00` is the default.

The stop command syntax for the BLX-SP is as follows:

```
P BLX1PROC
```

BLX1PROC
Represents the procedure name.

Databases in User-Defined Formats

Databases are assigned a number from 0 to 9. Database 5 is reserved for Tivoli Information Management for z/OS. Except for database 6, which is reserved, you can use all remaining databases.

- Databases 0, 1, 2, and 3 are in a user-defined format. Use the BLGOZUD utility program to build a user-defined database from user entries in a sequential data set or use the direct load feature of Information/MVS to build a database from an Information/MVS tape.
- Databases 4, 7, 8, and 9 are in the Tivoli Information Management for z/OS format.
- Database 6 is in the Tivoli Information Management for z/OS format and is reserved for Tivoli Inventory data.
- All databases except database 5 are read-only.

Workstation Keys

Workstation key settings are available for ISPF and OS/390®.

ISPF Key Settings

In ISPF, PF keys are set to the following commands:

- PF1 and PF13: HELP
- PF2 and PF14: SPLIT
- PF3 and PF15: END
- PF4 and PF16: RETURN
- PF5 and PF17: RFIND
- PF6 and PF18: RCHANGE
- PF7 and PF19: UP
- PF8 and PF20: DOWN
- PF9 and PF21: SWAP
- PF10 and PF22: LEFT
- PF11 and PF23: RIGHT
- PF12 and PF24:
  - CURSOR or
  - RETRIEVE.

Your PF Keys may be different if you are using an enhanced panel style.

Note: Change these settings in your ISPF profile.

Your PF Key settings are:

- PF1 _____
- PF2 _____
- PF3 _____
- PF4 _____
- PF5 _____
- PF6 _____

- PF7 _____
- PF8 _____
- PF9 _____
- PF10 _____
- PF11 _____
- PF12 _____
- PF13 _____
- PF14 _____
- PF15 _____
- PF16 _____
- PF17 _____
- PF18 _____
- PF19 _____
- PF20 _____
- PF21 _____
- PF22 _____
- PF23 _____
- PF24 _____

Key Settings for MVS/ESA™

The Enter key processes data or a command that you typed.

The Clear key clears the screen. You lose any changes made to the input line or panel immediately before you pressed Clear. In NCCF, Clear returns you to NCCF full-screen mode when you request input, and restores line mode when you inhibit input.

The PA1 key functions as an attention interrupt to end the SEARCH and REPORT commands.

Note:

This key does not work if the system administrator disables it.

The PA2 or PA3 key reestablishes full-screen mode.

Search Operators

| (vertical bar) logical OR

(space) logical AND

¬ (negate) logical NOT

– (hyphen) range of values

. (period) abbreviated search (see the following note)

* (asterisk) position ignore (see the following note)

Note: For DBCS data, use the DBCS character equivalent.

Processing Order

1. OR is processed first. OR is processed from left to right.
2. AND and NOT are processed together. AND and NOT are processed from left to right.
3. Other operators are processed as they occur, from left to right.

Note: At least one space must precede the OR, NOT, and hyphen operators.

Search Examples

The following search argument retrieves all records that have FORD or WILSON as assignee, have a priority of 2, and are not closed.

```
pera/ford | pera/wilson  prio/02 ¬stac/closed
```

The following search argument retrieves all change records having a planned end date between December 16 and December 31, 1998, an approval

status starting with `pend` , and a 5-character coordinator name beginning with `prog`.

```
datt/1998/12/16 -31 stap/pend. perc/prog*
```

The following example applies to DBCS data:

<	Denotes the shift out character
>	Denotes the shift in character
Wx	Denotes a ward x'42' DBCS character.

The following search argument retrieves all activity records with a start date between March 24 and March 31 1998, and an activity name beginning with <WIWNWSWTW.>.

```
datb/1998/03/24 -31 nama/<WIWNWSWTW.>
```

Parenthetical Searching

To increase your ability to eliminate unwanted records from the results of freeform searches, you can use parentheses within freeform search arguments entered on the command line or in the ARG command entry area to specify the order in which arguments should be evaluated. Arguments placed within parentheses will be evaluated first. The parentheses can adjoin the arguments or be separated by one or more spaces. Following are explanations of three examples using parenthetical statement in freeform searches.

- To find all records that were opened by Susan and are not closed OR are priority 1 and have not been assigned, enter:
  ```
  SEARCH (PERS/SUSAN ¬ STAC/CLOSED)|(PRIO/01 ¬ PERA/.)
  ```
- To find all records with a status of either INITIAL or OPEN that are either priority 01 or opened by the CEO department:
  ```
  SEARCH ( STAC/INITIAL | STAC/OPEN ) ( PRIO/01 | GROS/CEO )
  ```
- To find all records that meet either or the following conditions:
  - Priority is 01

– Status is OPEN and both of the following are true:
  - Requester department is CEO or PAY
  - Priority is 01 or 02

```
SEARCH PRIO/01 | (STAC/OPEN (GROS/CEO | GROS/PAY) (PRIO/01 | PRIO/02))
```

Panel Naming Convention

The following list shows the naming scheme used on Tivoli (IBM®)-supplied panels for Tivoli Information Management for z/OS, with each partial panel name identified by application, mode, function, or panel type. An exception to this scheme is the panel name BLG0S, used for selected summary display panels.

BLG00 General usage panels
BLG0A Help panels
BLG0B Problem create, update, copy, and delete; Users record create, update, and delete
BLG0C Change create, update, copy, and delete
BLG0D Configuration create, update, copy, and delete
BLG0E Problem inquiry
BLG0F Change inquiry
BLG0G Configuration inquiry
BLG0H000 Generic help panel
BLG0I Rules inquiry
BLG0J Privilege class create, update, copy, and delete
BLG0K Privilege class inquiry
BLG0L Users record and problem display
BLG0M Change display
BLG0N Configuration display
BLG0P Profile update and display
BLG0Q Privilege class display
BLG0R Rules display and delete
BLG0S Summary (data-entry) display panels
BLG0T SRC display and delete
BLG0U SRC create, update, and copy
BLG0V SRC inquiry
BLG0W Reports
BLG0X Utility panels
BLG0Y Database administration

PANEL NAMING CONVENTION

BLG0Z Rules create, update and copy
BLG1A Control panels
BLG1B Problem symptom and resolution panels (create and inquiry)
BLG1M Generic default panels
BLG1PDS Version 1 panels (1981)
BLG1UT Utilities
BLG1T Table panels
BLG1XMP Example control panels
BLG2 Help panels
BLG4 Message help panels
BLG6 Assisted-entry panels (create and inquiry)
BLG7 Assisted-entry panels (inquiry)
BLG8 Assisted-entry panels (inquiry)
BLG9 Message panels
BLGAPI APIs
BLGESC Escalation
BLGL Table panels
BLGMIG Migration
BLGNOT Notification Management
BLGRF TSPs
BLGT TSPs
BLH1AI Inventory control panels
BLHLI Inventory list display
BLH0I Inventory delete, display, query, selection
BLM0A Help Panels
BLM0B People create, update, copy, and delete
BLM0Y Panel set model panels
BLM1A Control panels
BLM1T Table panels
BLM1Y Panel set model panels
BLM2 Help panels
BLM4 Message help panels
BLM6 Assisted-entry panels (create and inquiry)
BLM8 PMF panels
BLM9 Message panels

BLX4 Message help panels
BLX4C Help panels
BTN Integration Facility panels.

API Transactions

This section specifies the application program interface (API) transactions used with Tivoli Information Management for z/OS.

REXX and High-Level API (HLAPI) Transactions

REXX EXEC	HLAPI	Transaction Description
INIT	HL01	Initialize Tivoli Information Management for z/OS
TERM	HL02	End Tivoli Information Management for z/OS
GETID	HL03	Obtain record ID
CHECKOUT	HL04	Check out record
CHECKIN	HL05	Check in record
RETRIEVE	HL06	Retrieve record
CREATE	HL08	Create record
UPDATE	HL09	Update record
CHANGE_APPROVAL	HL10	Change approval
SEARCH	HL11	Record inquiry
ADD_REL	HL12	Add record relations
DELETE	HL13	Delete a record
USERTSP	HL14	Start user TSP or TSX
FREE_TEXTDS	HL15	Free text data set

REXX EXEC	HLAPI	Transaction Description
DEL_TEXTDS	HL16	Delete text data set
GETDATAMODEL	HL31	Gets data model record

Low-Level API (LLAPI) Transactions

T001 Initialize Tivoli Information Management for z/OS

T002 End Tivoli Information Management for z/OS

T003 Obtain external record ID

T004 Obtain pattern table (PIPT)

T005 Free pattern table (PIPT)

T006 Free data table (PIDT)

T007 Free result table (PIRT)

T008 Check in record

T009 Synchronize and wait on completion

T010 Check transaction completion

T011 Obtain alias table (PALT)

T012 Free alias table (PALT)

T013 Load program interface data table (PIDT)

T100 Retrieve record

T101 Obtain record create source

T102 Create record

T103 Obtain record update source

T104 Check out record

T105 Update record

T106 Obtain inquiry resource

T107 Record inquiry

API TRANSACTIONS

T108 Obtain add record relation resource
T109 Add record relations
T110 Delete record
T111 Start user TSP or TSX
T112 Change record approval

TSP and TSX Control Lines

An indication of how the control line can be used (in a TSP or TSX or both) follows the description of each control line.

ADDDATA
Simulates data responses entered on a panel's command line in interactive mode (TSP)

ADDLIST
Adds one or more lines to a list processor list (TSX)

ADDSDATA
Adds data to a record (TSX)

ADDTEXT
Adds one or more freeform text lines to a file (TSX)

BRANCH
Changes flow of control lines (TSP)

CLEAR
Clears TSCA reply buffer field (TSP)

CLOSERRES
Prevents additional items from being added to a remote data resource (TSX)

CLOSESOCKET
Terminates a TCP/IP connection with a server (TSX)

DELLIST
Deletes one or more lines from a list processor list (TSX)

DELSDATA
Deletes data from a record (an entire entry, or just the s-word or data) (TSX)

DELTEXT
Deletes one or more freeform text lines in a file (TSX)

DEQMAIL
Retrieves a notification mail message (TSX)

FINDSDATA
Extracts from a record data that was added during create or update process (TSP, TSX)

FINDSJRNL
Extracts history data from journal portion of a record (TSP, TSX)

FINDTEXT
Alias for GETTEXT (TSX)

FLATTEN
Copies a record from a Tivoli Information Management for z/OS database (TSP, TSX)

GETAPIDATA
Retrieves input data specified from an application (TSX)

GETLIST
Gets all or part of a list processor list (TSX)

GETRDATA
Removes an item from a remote data resource (TSX)

GETSCREEN
Retrieves data associated with a record from a Tivoli Information Management for z/OS panel (TSX)

GETTEXT
Locates and gets all or portions of freeform text in the current record by s-word (TSX)

ISPEXEC
Runs CLISTs or starts ISPF applications from ISPF dialog management services (TSP)

LABEL
Identifies target of a control line (TSP)

LINK
Transfers control to another TSP or TSX (TSP, TSX)

MESSAGE
Generates Tivoli Information Management for z/OS and user-written messages (TSP, TSX)

MOVEVAR
Adds data to variable data area of TSCA control block (TSP)

OPENRRES
Creates a remote data resource (TSX)

OPENSOCKET
Opens a TCP/IP socket and establishes a connection with a waiting server (TSX)

PRINT
Prints messages, panels, and TSCA (TSP, TSX)

PROCESS
Sends one or more responses to Tivoli Information Management for z/OS for processing (TSP, TSX)

PUTRDATA
Adds an item to a remote data resource (TSX)

QMAIL
Sends a notification mail message to a BLX-SP (TSX)

QUERYRRES
Gets information about a remote data resource (TSX)

READDICT
Reads the dictionary (TSX)

READSOCKET
Receives data sent from a server over a TCP/IP connection (TSX)

RELEASERRES
Releases control of a remote data resource (TSX)

REPLIST
Replaces one or more lines in a list processor list (TSX)

REPTEXT
Replaces one or more freeform text lines in a file (TSX)

RETURN
Provides an exit from TSP (TSP)

SETAPIDATA
Returns data to a HLAPI application that invoked a user TSX (TSX)

SETFIELD
Sets a field in TSCA to communicate between TSPs or between a TSP and a user-exit routine (TSP)

SETRRES
Sets processing limits for a remote data resource (TSX)

SETTSCA
Sets a field in the TSCA control block to communicate with other TSPs or TSXs (TSX)

TESTFIELD
Tests fields in TSCA (TSP)

TESTFLOW
Tests for a specified panel or message ID (TSP)

TRACE
Traces flow of control lines (TSP)

UNFLATTEN
Restores a record that was previously copied from a Tivoli Information Management for z/OS database using FLATTEN (TSP, TSX)

USEREXIT
Calls a user-written exit routine (TSP, TSX)

WORDFIX
Repairs records in a database by either deleting or changing existing data. Adds data to existing records. (TSP)

WRITESOCKET
Sends data over a TCP/IP connection (TSX)

Function Code Indexes (PMF Only)

X'0000' through X'002B' are s-word indexes that indicate whether certain actions are occurring now, have already occurred, or will occur. These s-word indexes are called function codes. Following are the function codes you can use as you create and modify Tivoli Information Management for z/OS panels.

Note: All remaining function codes between X'0000' and X'002B' are reserved.

X'0000' Indicates a no-op (no operation) function for the corresponding selection. It is normally used during panel development to prevent entry into panel paths not yet complete.

X'0002' Indicates that the corresponding selection calls the HELP command processor. The target panel associated with the selection identifies the Help panel. 0002 is used in conjunction with the 0007 index.

X'0003' Indicates that the corresponding selection calls the BACK PROCESSED command. Used when options are presented that let the you return to a previous panel.

X'0004' Indicates that the corresponding selection files the record (in create mode) or starts a search (in inquiry mode).

In create mode, if the BLG01050 program exit (a create-mode processor) was called in the panel flow, X'0004' indicates that an attempt should be made to complete all dialogs and, if successful, the current record should be

filed. If you want to use X'0004' for this purpose, specify a control panel in the (create) Target panel field for the selection. You need this control (record-access) panel for subsequent retrieval of fields for update and display. The control panel should contain at least two 002A-code control lines:

- One that tests for a DISPLAY function and sets the appropriate DISPLAY panel
- One that tests for a DELETE function and sets the appropriate DELETE verification panel.

In inquiry mode, X'0004' has the same effect as the SEARCH command. If you specify a target panel with this selection, (inquiry target on selection and options panels; target panel on data-entry panels; true target on control panels) the target panel is used to format and display the search-results list. This gives you the flexibility of defining a different search-results list panel. If you do not specify a target panel, the search results appear on the standard search-results list display.

X'0005' Indicates that the corresponding selection calls the ARGUMENT command.

X'0006' Indicates that the corresponding selection calls the detail display.

X'0007' Indicates that the corresponding selection cancels HELP displays for help and tutorial panels, but not for message help panels. This index is used in conjunction with the X'0002' index.

X'0008' Indicates that the corresponding selection calls the INITIALIZE command.

X'000A' Indicates that the corresponding selection should be processed and recorded. Use X'000A' when you want a selection to guide the user through a dialog and an s-word is not required.

X'000B' Indicates that a program exit is to be called.

Note: The mere presence of a program-exit symbol calls the exit when the control line is run.

X'000D' Indicates that the corresponding selection calls the CANCEL command.

X'000E' Indicates a test for the current application. Use this function code only for control panels. The control line that contains this function code must also specify, in the Prefix validation field, the name of the application being tested for. If the current application is the same as the application name in the validation field, the true target panel is set; otherwise, the false target panel is set.

X'000F' Indicates that the corresponding selection calls the CHANGE command.

X'0010' Indicates that an END command allows the user to leave a panel, but a null reply redisplays the current panel. When you use this function code, the END command is treated as a CANCEL command; that is, responses are not saved. This function code is allowed only in a null-reply control line.

X'001B' Indicates the name of a TSP or TSX on any control panel to initialize if the current record is successfully filed. The TSP or TSX never runs if the record stops before being filed or if the user is in inquiry mode when the function code index is found.

X'002A' Indicates that a specific program-generated test is to be performed. This index controls all access to records, and is allowed only for control panels. The control line that contains this function code must also specify in the Prefix validation field the condition that is being tested. If the tested condition is true, the true target panel is set; otherwise, the false target panel is set.

You can use this function code to test for the following conditions:

<**CHANGE**> Determines if the CHANGE command is being processed.

<**COPY**> Determines if the current record is being copied.

<**DELETE**> Determines if the current record is being deleted.

<**DELETALL**> Determines if a verify of multiple deletes has been selected.

<**DISPLAY**> Determines if the current record is being displayed.

<**EXTEST**> Determines if an SRC is being run.

<**FEATTEST**> Determines which Tivoli Information Management for z/OS application is available. It uses the last character of the s-word in the control line as the

numeric application index and tests if that application is installed.

The defined indexes are:

1 System

2 Management

<**GENTEST**> Determines if an SRC is currently being generated.

<**MULTDEL**> Determines if multiple deletes have been requested from a search-results list.

<**PRINT**> Determines if the current record is being printed.

<**QUICK**> Determines if the user's profile setting for quick search panels is YES or NO.

<**RECUPDAT**> Determines if the current record has been updated since it was brought in for update.

<**TSPTEST**> Determines if a TSP is currently being run.

<**UPDATE**> Determines if the current record is being updated.

X'002B' Lets you initialize and run a TSP or TSX. When you specify the name of a TSP or TSX in a control line with X'002B', the TSP or TSX is initialized, and any data remaining in the reply buffer is saved. The TSP or TSX begins processing when Tivoli Information Management for z/OS next attempts to perform I/O to the terminal. This occurs after processing to the panel from which the X'002B' code is entered finishes, unless the target of that panel is a

control panel. The reply buffer is restored when the TSP or TSX finishes processing. This function code can only be used from a FLOW control line on a control panel.

Calling Function Codes

You can call function codes on five types of panels:

- Selection
- Options
- Data-entry
- Help
- Control

Certain function codes are only valid from certain panel types. The following table identifies the panel types from which you can call function codes.

CODE	SELECTION				DATA-ENTRY		HELP	CONT.
	ITEM	NULL	ITEM	NULL	ITEM	NULL		
0000	X	X	X	X	X	X		
0002	X	X	X	X	X	X	X	
0003	X	X	X	X	X	X		X
0004	X	X	X	X	X	X		X
0005	X	X	X	X	X	X		X
0006	X	X	X	X	X	X		X
0007							X	
0008	X	X	X	X	X	X		X
000A	X	X	X	X	X	X		X
000B	X	X	X	X	X	X		X
000D	X	X	X	X	X	X	X	X
000E							X	X
000F	X	X	X	X	X	X		X
0010		X		X		X		
001B								X
002A								X
002B								X

S-Words for Privilege-Class Authorization

Authorization s-words are assigned as follows:

TYPE	ROOT	IDENTI-FIER	CODE
CLASS	XIMRA	H	04xx
SRC	XIMRA	S	08xx
DBADMIN	XIMRA	D	0AAx
PROBLEM	XIMRA	P	01xx
CHANGE	XIMRA	C	02xx
CONFIG	XIMRA	I	03xx
FINAN-CIAL	XIMRA	F	05xx
PMF	XIMRA	M	07xx
RULES	XIMRA	R	09xx
PERSON	XIMRA	D	0Bxx
PEOPLE	XIMRA	J	0Axx

TYPE
Describes the generic authorization s-word for each record type.

ROOT
Identifies that s-word as an authorization indicator. Any organization-defined authority must begin with this root.

IDENTIFIER
Indicates the type of record associated with this authorization code. This identifier is used in inquiry mode to identify in one search all authorities associated with a record type. It is not used to check authorization.

CODE
Identifies the authorization code using four unique hexadecimal characters. The code is specified in the panels associated with the selection, field, column, or assisted-entry reply for which authorization is required. This code is also used in inquiry mode.

Removing an Authorization Code

Note: When you dynamically change panels, coordinate these changes with the users, or else errors can occur.

To **remove** an authorization code from a panel:

1. Locate all panels containing the authorization code to be removed.
2. Update each panel using PMF and enter zeros or blanks in the authorization code field.
3. Test the changed panels and then copy them from the write panel data set to the appropriate read panel data set.

Adding an Authorization Code

To **add** a new authorization code to a panel:

1. Locate all panels that contain the selection or field that you want to restrict, using the p-word and s-word cross-reference reports.
2. Add a new s-word to the dictionary in the format described in the *Tivoli Information Management for z/OS Panel Modification Facility Guide* . The hexadecimal code must be unique.
3. Update the appropriate privilege class panel (Problem, Change, and so on) to define the authority. Copy the panel into your read panel data set.

4. Update each panel located in Step 1 by inserting the authorization code in the control information for the appropriate selection or field.
5. Update a privilege class to contain the new authority so you can test the modification. (You cannot test the change using the master privilege class because the master privilege class automatically contains all authorities.)
6. Test the panel authorization with panel test.
7. Copy the updated panels from the write panel data set to the appropriate read panel data set.
8. Update the appropriate privilege class records to contain the new authority.

Examples of S-Words for Privilege-Class Authorization

S-WORD INDEX	S-WORD	WORD ACRONYM (AU =)
0E90	XIMRAH0410	PRIV CL ENTRY
0E91	XIMRAH0420	PRIV CL UPDATE
0E92	XIMRAH0430	PRIV CL DELETE
0E93	XIMRAH0440	PRIV CL DISPLAY
0E96	XIMRAH04.	PRIV CL ALL(+)
0EB6	XIMRAS0810	SRC ENTRY
0EB7	XIMRAS0820	SRC UPDATE
0EB8	XIMRAS0830	SRC DELETE
0EBA	XIMRAS08.	SRC ALL(+)
011C	XIMRAD0AA2	UNIVERSAL PARTITION
14F0	XIMRAD0AA1	DBADMIN
14F6	XIMRAD0AA3	TSD CLEANUP

AUTHORIZATION S-WORDS

S-WORD INDEX	S-WORD	WORD ACRONYM (AU =)
0E71	XIMRAP0110	PROBLEM ENTRY
0E72	XIMRAP0120	PROBLEM UPDATE
0E73	XIMRAP0130	PROBLEM DELETE
0E74	XIMRAP0140	PROBLEM DISPLAY
0E75	XIMRAP0150	PROBLEM ASSIGN
0E76	XIMRAP0160	PROBLEM CLOSE
0E77	XIMRAP01.	PROBLEM ALL(+)
0E7A	XIMRAC0210	CHANGE ENTRY
0E7B	XIMRAC0220	CHANGE UPDATE
0E7C	XIMRAC0230	CHANGE DELETE
0E7D	XIMRAC0240	CHANGE DISPLAY
0E7E	XIMRAC0250	CHANGE ASSIGN
0E7F	XIMRAC0260	CHANGE CLOSE
0E80	XIMRAC02.	CHANGE ALL(+)
0E87	XIMRAI0310	CONFIG ENTRY
0E88	XIMRAI0320	CONFIG UPDATE
0E89	XIMRAI0330	CONFIG DELETE
0E8A	XIMRAI0340	CONFIG DISPLAY
0E8D	XIMRAI03.	CONFIG ALL(+)
0E99	XIMRAF0510	FINANCE ENTRY
0E9A	XIMRAF0520	FINANCE UPDATE
0E9B	XIMRAF0530	FINANCE DELETE
0E9C	XIMRAF0540	FINANCE DISPLAY
0E9E	XIMRAF05.	FINANCE ALL(+)
0EA9	XIMRAM0771	PMF PNL UPDATE
0EAB	XIMRAM0773	PMF DICT UPDATE
0EAC	XIMRAM0774	PMF DICT DISPLAY
0EAD	XIMRAM0775	PMF PNL COPY
0EAE	XIMRAM0776	PMF PNL DELETE
0EB0	XIMRAM0778	PMF PNL REPORTS
077C	XIMRAM077C	PMF PNL LIST
0EB2	XIMRAM077.	PMF ALL(+)
1186	XIMRAR0910	RULES ENTRY
1187	XIMRAR0920	RULES UPDATE
1188	XIMRAR0930	RULES DELETE
1189	XIMRAR0940	RULES DISPLAY
118B	XIMRAR09.	RULES ALL(+)

S-WORD INDEX	S-WORD	WORD ACRONYM (AU =)
0EE7	XIMRAJ0A10	PEOPLE ENTRY
0EE8	XIMRAJ0A20	PEOPLE UPDATE
0EE9	XIMRAJ0A30	PEOPLE DELETE
0EEA	XIMRAJ0A40	PEOPLE DISPLAY
0EEB	XIMRAL0A10	SOLUTION ENTRY
0EEC	XIMRAL0A20	SOLUTION UPDATE
0EED	XIMRAL0A30	SOLUTION DELETE
0E74	XIMRAP0140	SOLUTION DISPLAY
0EC0	XIMRA*0*10	ENTRY ALL(+)
0EC1	XIMRA*0*20	UPDATE ALL(+)
0EC2	XIMRA*0*30	DELETE ALL(+)
0EC3	XIMRA*0*40	DISPLAY ALL(+)
0EC4	XIMRA*0**0	RECORDS ALL(+)

Index records used with OS/390 Text Search use DBADMIN authorization.

Data-Validation Characters

Using the PMF dictionary, you can define the format, length, and character-verification elements of the validation pattern for a response. The following table shows the characters from which you can create validation patterns.

Validation patterns A, C, I, S do not validate DBCS data, but do recognize and allow the presence of DBCS data.

CHAR	DEFINITION
A	Indicates that the response must be an alphabetic character (A-Z). If you are a DBCS user, indicates that the response must be either an SBCS uppercase alphabetic character (A-Z), or any byte of a DBCS portion of the field (SO, SI or a component byte of a DBCS character).
B	Indicates that the response must be binary data (0 or 1).
C	Indicates that the response must be either an SBCS alphanumeric character (A-Z), one of the SBCS characters #, @, $, & or /, or any byte of a DBCS portion of the field (SO, SI or a component byte of a DBCS character).
I	Indicates that the response must be either an SBCS character in SBCS character in the range X'40' to X'FF' or any byte of a DBCS portion of the field (SO, SI or a component byte of a DBCS character).
L	Indicates that the response is automatically padded on the left with zeros to the specified length if fewer characters than the specified length were entered. Use L only with a variable length (Vnn).

CHAR	DEFINITION
N	Indicates that the response must be a decimal number, 0 to 9.
Rnn	R means the preceding character must repeat nn times. nn is a maximum of 64. An A, B, C, I, N, S, or X must precede the R.
S	Indicates that the response must be an alphanumeric or a national character (A to Z, 0 to 9, @, #, or $).
Vnn	V indicates that the preceding character can vary in length from 0 to nn characters. nn is a maximum of 63 (12, if L is included). An A, C, I, N, S, or X must precede the V. Only L can follow V.
X	Indicates that the response must be hexadecimal data (0 to 9 and A to F).
<	Begins a specific character string that is an accepted response.
>	Ends a specific character string that is an accepted response.

Predefined Validation Patterns

You can use an equal sign (=) with one of the following validation patterns; these are shipped with Tivoli Information Management for z/OS. Using = automatically adds the default value and its prefix to a record or the search argument. The default pattern term is displayed; then the replacement value.

In addition to using the equal sign (=) in a date field for the current date, you can also use a date offset. A date offset enables you to use an SBCS (=) sign with an SBCS minus sign (–) and a number, or an SBCS plus sign (+) and a number, to enter a date other than the current date. For example, entering an = sign enters the current date, entering =–1 enters yesterday's date, and entering =–7 enters the date 7 days in the past. Similarly, entering =+1 enters tomorrow's date, and entering =+7 enters the date 7 days in the future. Date offsets are calculated in days unless you enter a date offset type indicating you want the offset calculated in weeks, months, or years.

You can use any 6-digit whole number with the =– and =+ offsets to specify the date you want. If you are using a 2-digit year, any date offset you enter cannot have a value that will be calculated to occur before the year 1950 or after the year 2049. This restriction does not apply if you are using a 4-digit internal and external year or the Tivoli-supplied date conversion routine.

To specify a date one or more weeks from the current date, place an SBCS W after the number in the offset. To specify a date one or more months from the current date, place an SBCS M after the number in the offset. To specify a date one or more years from the current date, place an SBCS Y after

the number in the offset. For example, entering =+2M enters the date two months in the future of your current date.

Note:

You must enter a numerical value with the date offset to specify a valid date; a value of 1 is not assumed.

=DATE	Current date
=TIME	Current time
=NAME	Name specified in user's profile
=DEPT	Department specified in user's profile
=PHONE	Phone number specified in user's profile
=CLASS	User's current privilege class
=USER	Current TSO user ID
=PRIM	Primary partition name
=GLOB	Global partition name.

Your Validation Patterns

Character-Position Assignments

Try to assign the same high-order positional values in prefixes for groups of generically related items. In this way the user can easily search generic categories of information. The following table is an example of Tivoli Information Management for z/OS prefixes with high-order designations.

SUBJECT CATEGORY	P-WORD ROOT
Groups	GRO*/
Class	CLA*/
Dates	DAT*/
Numeric identities	NUM*/
Persons	PER*/
Record references	RN**/
Times	TIM*/

Definition Statements for RFTs

The following table lists, in the usual order of use in a report format table (RFT), the definition statements and some general information about each statement. Each definition has the minimum abbreviation in capital letters.

Name	Keywords	Definition Statement Use	Terminator
EOD	Execute	Begins end-of-data definition	EEOD
EOF	Execute	Begins end-of-file definition	EEOF
Format	History Length Text Value	Defines history or text data format	–
HEading	–	Begins heading definition	EHeading
HFormat	–	Begins history data format definition	EFormat
SECtion	Separation Name Print Test	Defines beginning of RFT section	ESECtion
TFormat	–	Begins text data format definition	EFormat
TItle	–	Begins title definition	ETitle

Command Statements for RFTs

The following table lists the RFT command statements and general information about each. The minimum abbreviation for each command is shown in capital letters.

Name	Keywords	Definition Statement Use	Terminator
Call	Name Input Minlines Column Separation Operator Length Pad Justify	Calls a specified exit routine	–
Dheads	–	Displays the current headings	–
DO	TYpe data-type operator data-type Length join compare FRom FOr WFRom WFOr	Controls the iterative processing of command statements	EDo
EJect	–	Forces a page eject	–
ENd	–	Simulates search-level end-of-data	–
IF	data-type operator data-type Length Join compare FRom FOr WFRom WFOr	Begins conditional processing	Elf

Name	Keywords	Definition Statement Use	Termi-nator
ELse	–	Redirects conditional processing	–
PUT	Column Separation Operator DTFORM(form) Length Pad Justify Minlines PRecision data-type FRom FOr WFRom WFOr	Puts data to the output line	–
SEArch	Argument MErge Execute Database Sort MAp	Begins a search level	ESEArch
SET	Name data-type operator data-type Length Data History Text Value Operator FOr WFRom WFOr	Defines and starts variables, and per-forms arith-metic operations	–

COMMAND STATEMENTS FOR RFTS

Name	Keywords	Definition Statement Use	Terminator
SETD	data-type operator data-type input length length Adate Edate Idate Wday ITime Time DUration DAYs Minutes DATa History Value Operator Length INput FRom FOr WFRom WFOr	Assigns a value to a variable and performs date and time arithmetic operations.	–
SPace	Lines Execute Minlines	Writes blank lines to the report	–
TAb	Column	Sets tabs for horizontal iteration	–

Configuration Diagram RFT Keywords

Diagram (c)
Identifies the report as a configuration diagram data set.

Connection
Indicates that connection data follows.

Level
Contains the map level returned by the RFT search. It defines the structure of the diagram.

Off-page
Causes an off-page connector to be drawn on the diagram alongside a component.

Ports (nn)
Specifies the number of ports on the component.

RNID
Identifies the start of the set of keywords (data) associated with the component that heads the subdiagram and contains the record identifier (RNID/value) of that component. Or, identifies the RNID/value for the component.

Sort
Determines the sequence of the subdiagram within the diagram. Or, determines the sequence of the component and its preceding connections relative to components at the same level in the hierarchy.

Sub-diagram
Indicates the start of the set of keywords (data) associated with the first subdiagram.

Text-above
Indicates that the specified text describing the connection appears on the diagram above the connection in a hierarchical format subdiagram.

Text-below
Indicates that the specified text describing the connection appears on the diagram below the connection in a hierarchical format subdiagram.

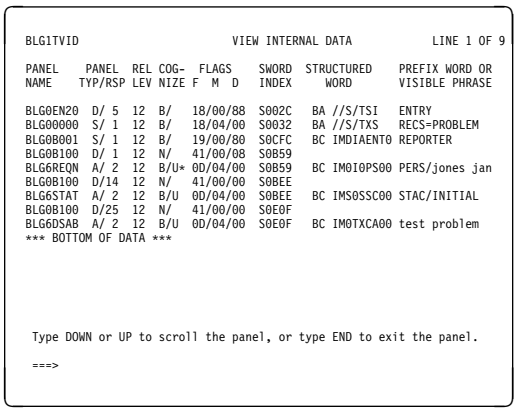
Text-in (text data)
Specifies text describing the component that is to appear on the diagram inside the component box in a hierarchical format subdiagram.

Text-n (text data)
Indicates that the specified text describing the connection or component appears in column `n` in a table format subdiagram.

Title
Associates a title with the column.

Width
Specifies the width of the next column.

Diagnostic Aid: View Internal Panel



```
BLG1TVID                      VIEW INTERNAL DATA           LINE 1 OF 9

PANEL    PANEL  REL COG-  FLAGS    SWORD  STRUCTURED    PREFIX WORD OR
NAME    TYP/RSP LEV NIZE F  M  D   INDEX     WORD       VISIBLE PHRASE

BLG0EN20  D/ 5  12  B/   18/00/88  S002C   BA //S/TSI   ENTRY
BLG00000  S/ 1  12  B/   18/04/00  S0032   BA //S/TXS   RECS=PROBLEM
BLG0B001  S/ 1  12  B/   19/00/80  S0CFC   BC IMDIAENT0 REPORTER
BLG0B100  D/ 1  12  N/   41/00/08  S0B59
BLG6REQN  A/ 2  12  B/U* 0D/04/00  S0B59   BC IM0I0PS00 PERS/jones jan
BLG0B100  D/14  12  N/   41/00/00  S0BEE
BLG6STAT  A/ 2  12  B/U  0D/04/00  S0BEE   BC IMS0SSC00 STAC/INITIAL
BLG0B100  D/25  12  N/   41/00/00  S0E0F
BLG6DSAB  A/ 2  12  B/U  0D/04/00  S0E0F   BC IM0TXCA00 test problem
*** BOTTOM OF DATA ***




 Type DOWN or UP to scroll the panel, or type END to exit the panel.

 ===>
```

Note: The last two digits of any s-words collected for list panels do not appear, because they are hexadecimal values.

The definitions for the cognize settings are:

N/ Nothing is cognized

B/ Both s-word and p-word are cognized

P/ Only the p-word is cognized

/M Cognize in mixed case (an asterisk following 'M' indicates the field is also cognized as an unparsed string)

/U Cognize in uppercase (an asterisk following 'U' indicates the field is also cognized as an unparsed string)

If a blank follows the slash instead of M or U, the field is not cognized or there is no p-word data.

The definitions for the flags within the SDE are:

F Common flags

M Maintenance flags

D Dialog flags.

Bit Mapping for SDE Flags

Flag	Bit Position	Description
F	8 4 2 1 8 4 2 1	Common flags
	1 • • • • • • •	Entry is administrative item
	• 1 • • • • • •	Branch and link specified on this panel
	• • 1 • • • • •	Reserved
	• • • 1 • • • •	Visible phrase present
	• • • • 1 • • •	S-Word data present
	• • • • • 1 • •	Prefixed data present
	• • • • • • 1 •	Delete this entry
	• • • • • • • 1	Replace previous response
M	8 4 2 1 8 4 2 1	Maintenance flags
	1 • • • • • • •	Reserved
	• 1 • • • • • •	Data collected in fix panel
	• • 1 • • • • •	Data collected in PDAID panel
	• • • 1 • • • •	Data collected in symptom panel
	• • • • 1 • • •	Data collected in circumvention section
	• • • • • 1 • •	Not allowed
	• • • • • • 1 •	Data collected in create mode
	• • • • • • • 1	Data collected in inquiry mode
D	8 4 2 1 8 4 2 1	Dialog flags

BIT MAPPING

Flag	Bit Position	Description
	1 • • • • • • •	This begins a new dialog
	• 1 • • • • • •	This ends a dialog
	• • 1 • • • • •	Program exit that collected this data is revoked when this data is deleted
	• • • 1 • • • •	No back delete over this item
	• • • • 1 • • •	Panel displayed to user
	• • • • • 1 • •	Override dialog end target panel
	• • • • • • 1 •	Reserved
	• • • • • • • 1	Reserved

P-Word/S-Word Index List by Record Type

The following sections list the corresponding p-words and s-word indexes for various types of records. These are for Tivoli Information Management for z/OS data structures only; they are not for the Integration Facility. For information about p-words and other data associated with the use of Tivoli Information Management for z/OS with Tivoli Decision Support and the ODBC driver, refer to the *Tivoli Information Management for z/OS Data Reporting User's Guide*.

Privilege Class Records

Field Name	P-Word	S-Word Index
Change assignment	AUTH/	S0E7E
Change close	AUTH/	S0E7F
Change display	AUTH/	S0E7D
Change delete	AUTH/	S0E7C
Change entry	AUTH/	S0E7A
Change update	AUTH/	S0E7B
Class delete	AUTH/	S0E92
Class display	AUTH/	S0E93
Class entry	AUTH/	S0E90
Class name/ID	RNID/	S0CCF
Class update	AUTH/	S0E91
Configuration delete	AUTH/	S0E89
Configuration display	AUTH/	S0E8A
Configuration entry	AUTH/	S0E87
Configuration update	AUTH/	S0E88

Field Name	P-Word	S-Word Index
Contact department	GROC/	S0B9E
Contact name	PERC/	S0B5C
Contact phone number	PH/	S0B30
Date entered	DATE/	S0C34
Date last altered	DATM/	S0C35
Dbadmin	AUTH/	S14F0
Eligible user ID 1	CODU/	S0D30
Eligible user ID 2	CODU/	S0D31
Eligible user ID 3	CODU/	S0D32
Eligible user ID 4	CODU/	S0D33
Eligible user ID 5	CODU/	S0D34
Eligible user ID 6	CODU/	S0D35
Eligible user ID 7	CODU/	S0D36
Eligible user ID 8	CODU/	S0D37
Eligible user ID 9	CODU/	S0D38
Eligible user ID 10	CODU/	S0D39
Eligible user ID 11	CODU/	S0D3A
Eligible user ID 12	CODU/	S0D3B
Eligible user ID 13	CODU/	S0D3C
Eligible user ID 14	CODU/	S0D3D
Eligible user ID 15	CODU/	S0D3E
Eligible user ID 16	CODU/	S0D3F
Eligible user ID 17	CODU/	S0D40
Eligible user ID 18	CODU/	S0D41
Eligible user ID 19	CODU/	S0D42
Eligible user ID 20	CODU/	S0D43
Eligible user ID 21	CODU/	S0D44
Eligible user ID 22	CODU/	S0D45

PRIVILEGE CLASS RECORDS

Field Name	P-Word	S-Word Index
Eligible user ID 23	CODU/	S0D46
Eligible user ID 24	CODU/	S0D47
Entry privilege class	CLAE/	S0BB1
Financial delete	AUTH/	S0E9B
Financial display	AUTH/	S0E9C
Financial entry	AUTH/	S0E99
Financial update	AUTH/	S0E9A
Location code	LOCC/	S0C0C
Owning privilege class	CLAO/	S0BB5
People delete	AUTH/	S0EE9
People display	AUTH/	S0EEA
People entry	AUTH/	S0EE7
People update	AUTH/	S0EE8
Problem assignment	AUTH/	S0E75
Problem close	AUTH/	S0E76
Problem delete	AUTH/	S0E73
Problem display	AUTH/	S0E74
Problem entry	AUTH/	S0E71
Problem update authority	AUTH/	S0E72
PMF dictionary display	AUTH/	S0EAC
PMF dictionary update	AUTH/	S0EAB
PMF panel copy	AUTH/	S0EAD
PMF panel delete	AUTH/	S0EAE
PMF panel update	AUTH/	S0EA9
PMF panel list	AUTH/	S077C
PMF reports	AUTH/	S0EB0
Rules display authority	AUTH/	S1189

Field Name	P-Word	S-Word Index
Rules delete authority	AUTH/	S1188
Rules entry authority	AUTH/	S1186
Rules update authority	AUTH/	S1187
SRC delete authority	AUTH/	S0EB8
SRC entry authority	AUTH/	S0EB6
SRC update authority	AUTH/	S0EB7
Time entered	TIME/	S0C61
Time last altered	TIMM/	S0C62
Transfer-to class	CLAT/	S0BCC
User last altered	USER/	P02C3

Stored Response Chain (SRC) Records

Field Name	P-Word	S-Word Index
Contact department	GROC/	S0B9E
Contact name	PERC/	S0B5C
Contact phone	PH/	S0B30
Date entered	DATE/	S0C34
Date last altered	DATM/	S0C35
Description		S0E0F
Entry privilege class	CLAE/	S0BB1
Execution class 1	CLAX	S0BB6
Execution class 2	CLAX/	S0BB7
Execution class 3	CLAX/	S0BB8
Execution class 4	CLAX/	S0BB9
Execution class 5	CLAX/	S0BB5
Execution class 6	CLAX/	S0BBB

Field Name	P-Word	S-Word Index
Execution class 7	CLAX/	S0BBC
Execution class 8	CLAX/	S0BBD
Execution class 9	CLAX/	S0BBE
Execution class 10	CLAX/	S0BBF
Execution class 11	CLAX/	S0BC0
Execution class 12	CLAX/	S0BC1
Execution class 13	CLAX/	S0BC2
Execution class 14	CLAX/	S0BC3
Execution class 15	CLAX/	S0BC4
Execution class 16	CLAX/	S0BC5
Execution class 17	CLAX/	S0BC6
Execution class 18	CLAX	S0BC7
Location code	LOCC/	S0C0C
Owning privilege class	CLAO/	P007D
Product name		S0C23
SRC final responses		S0C31
SRC name/ID	RNID/	S0CCF
Starting panel name	PAID/	S0C2B
Time entered	TIME/	S0C61
Time last altered	TIMM/	S0C62
Transfer-to class	CLAT/	S0BCC
User last altered	USER/	S0B5E

Problem Records

Field Name	P-Word	S-Word Index
Assignee department	GROA/	S0B9C

Field Name	P-Word	S-Word Index
Assignee name	PERA/	S0B5A
Assignee phone	PH/	S0B2E
Assignment number	COUX/	S0D19
Assignment status	STAA/	S0BEB
APAR number	APAR/	S0E2F
APAR/PTF status	STAF/	S0BEC
Bypass available	MISB/	S0ECA
Cause change number	RNCX/	S0CD1
Cause code	CODC/	S0C0E
Checkout application ID	APPL/	S14EF
Circuit number	PH/	S0D12
Cluster name	CLSN/	S0CB9
Component APARed	PIDS/	S0BE3
Console output	LOCX/	S0D69
Current phase	CODP/	S0C0B
Current priority	PRIO/	S0BE7
Customer PD time	INTC/	S0D8B
Data set type	DSTN/	S0D7B
Date assigned	DATA/	S0C37
Date closed	DATR/	S0C38
Date entered	DATE/	S0C34
Date finished	DATF/	S0C40
Date fix required	DATD/	S0C49
Date last altered	DATM/	S0C35
Date last refreshed	DATRF/	S14F9
Date occurred	DATO/	S0C3D
Date opened	DATX/	S0C3E
Date reporter notified	DATN/	S0C48

PROBLEM RECORDS

Field Name	P-Word	S-Word Index
Date started	DATB/	S0C43
Description		S0E0F
Device impact	IMPD/	S0BE0
Device name	COMD/	S0CA9
Diagnostic output	LOCX/	S0D76
Dump data set	DST*/	S0D7A
Duplicate count	COUD/	S0D28
EC number	LVLS/	S0637
Entry privilege class	CLAE/	S0BB1
Error code	CODE/	S0C0D
Escalation level	ESCL/	
Fix available	MISX/	S0ECF
Fix change number	RNCR/	S0CD2
Gateway ID	GWID/	S1260
Graph/log data	LOCX/	S0D71
Halt	HL/	
Initial priority	PRII/	S0BE6
Input data	LOCX/	S0D6B
Interested class 01	SP01/	
Interested class 02	SP02/	
Interested class 03	SP03/	
Interested class 04	SP04/	
Interested class 05	SP05/	
Interested class 06	SP06/	
Interested class 07	SP07/	
Interested class 08	SP08/	
Interested class 09	SP09/	
Interested class 10	SP10/	

Field Name	P-Word	S-Word Index
Interested class 11	SP11/	
Interested class 12	SP12/	
Interested class 13	SP13/	
Interested class 14	SP14/	
Interested class 15	SP15/	
Interested class 16	SP16/	
Interested class 17	SP17/	
Interested class 18	SP18/	
Interested class 19	SP19/	
Interested class 20	SP20/	
Interested class 21	SP21/	
Interested class 22	SP22/	
Interested class 23	SP23/	
Interested class 24	SP24/	
Interested class 25	SP25/	
Interested class 26	SP26/	
Interested class 27	SP27/	
Interested class 28	SP28/	
IPCS record number	NUMX/	S0D16
Item number	PNF/	
Key item affected	COMK/	S0CBF
Location code	LOCC/	S0C0C
Network impact	IMPN/	S0BDD
Network name	COMN/	S0CA3
Notify user ID	NOTID/	S14FB
Operator form	LOCX/	S0D74
Original problem number	RNPD/	S0CD0
Outage	INTO/	S0C8D

PROBLEM RECORDS

Field Name	P-Word	S-Word Index
Outage type	TYPO/	S0C13
Output data	LOCX/	S0D6A
Owning privilege class	CLAO/	S0BB5
Problem number	RNID/	S0CCF
Problem status	STAC/	S0BEE
Problem type	TYPE/	S0C09
Procedure name	DOCX/	
Program impact	IMPP/	S0BDF
Program name	COMX/	S0CA8
PTF number	PTFF/	S0E30
Repair time	INTX/	S0D8C
Reported by	PERS/	S0B59
Reporter department	GROS/	S0B9B
Reporter phone	PH/	S0B2D
Rerun time	INTR/	S0C8E
Resolved by	PERR/	S0B5B
Resolver department	GROR/	S0B9D
Resolver phone	PH/	S0B2F
Resolver privilege class	CLAR/	S0BB3
Resource names		S0BE2
Resource types		S0C12
Response/travel time	INTX/	S0D89
SMP listing	LOCX/	S0D6F
Source data	LOCX/	S0D6E
Source listing	LOCX/	S0D6D
Status or codes	STA/	
System impact	IMPS/	S0BDE

Field Name	P-Word	S-Word Index
System name	NASY/	S0CA5
Target date	DATT/	S0C42
TEC Event ID	TECID/	S14FC
Time assigned	TIMA/	S0C64
Time closed	TIMR/	S0C65
Time entered	TIME/	S0C61
Time finished	TIMF/	S0C71
Time fix required	TIMD/	S0C72
Time last altered	TIMM/	S0C62
Time last refreshed	TIMRF/	S14FA
Time occurred	TIMO/	S0C6A
Time opened	TIMX/	S0C74
Time started	TIMB/	S0C6C
Total time	INTX/	S0C93
Trace data	LOCX/	S0D70
Tracked by	PERC/	S0B5C
Tracker department	GROC/	S0B9E
Tracker phone	PH/	S0B30
Transfer-to class	CLAT/	S0BCC
TSD function state		S14FF
TSD record ID	PMREC/	S14F8
TSD site ID	OSITE/	S14F7
TSD user ID	TUSER/	S15F9
User form number	NUMX/	S0D14
User last altered	USER/	S0B5E
Vendor number	NUMV/	S0D11
Vendor PD time	INTV/	S0D8A
Vendor PMR number	NUMX/	S0F52

PROBLEM RECORDS

Field Name	P-Word	S-Word Index
Vendor priority	STAP/	S0BE8
Vendor status	STAV/	S0BEF

Change Records

Field Name	P-Word	S-Word Index
Actual duration	INTO/	S0C97
Actual effort	EFA/	S0C96
Actual impact	IMPA/	S0BE1
Actual start date	DATB/	S0C43
Actual start time	TIMX/	S0C70
Approval pending 1	SP01/	
Approval pending 2	SP02/	
Approval pending 3	SP03/	
Approval pending 4	SP04/	
Approval pending 5	SP05/	
Approval pending 6	SP06/	
Approval pending 7	SP07/	
Approval pending 8	SP08/	
Approval pending 9	SP09/	
Approval pending 10	SP10/	
Approval pending 11	SP11/	
Approval pending 12	SP12/	
Approval pending 13	SP13/	
Approval pending 14	SP14/	
Approval pending 15	SP15/	
Approval pending 16	SP16/	
Approval pending 17	SP17/	
Approval pending 18	SP18/	
Approval provided 1	SA01/	
Approval provided 2	SA02/	
Approval provided 3	SA03/	
Approval provided 4	SA04/	

Field Name	P-Word	S-Word Index
Approval provided 5	SA05/	
Approval provided 6	SA06/	
Approval provided 7	SA07/	
Approval provided 8	SA08/	
Approval provided 9	SA09/	
Approval provided 10	SA10/	
Approval provided 11	SA11/	
Approval provided 12	SA12/	
Approval provided 13	SA13/	
Approval provided 14	SA14/	
Approval provided 15	SA15/	
Approval provided 16	SA16/	
Approval provided 17	SA17/	
Approval provided 18	SA18/	
Approval rejected 1	SR01/	
Approval rejected 2	SR02/	
Approval rejected 3	SR03/	
Approval rejected 4	SR04/	
Approval rejected 5	SR05/	
Approval rejected 6	SR26/	
Approval rejected 7	SR27/	
Approval rejected 8	SR08/	
Approval rejected 9	SR09/	
Approval rejected 10	SR10/	
Approval rejected 11	SR11/	
Approval rejected 12	SR12/	
Approval rejected 13	SR13/	
Approval rejected 14	SR14/	

Field Name	P-Word	S-Word Index
Approval rejected 15	SR15/	
Approval rejected 16	SR16/	
Approval rejected 17	SR17/	
Approval rejected 18	SR18/	
Approval status	STAP/	S0BF0
Approval status* approve pending reject *for list data (BLGLAPST)	 APST APST/ APST/	 S12DF S12DF S12DF
Approver* pending approved rejected *for list data (BLGLAPVR)	 SPAR/ SAAR/ SRAR/	 S12DE S12DE S12DE
Approver privilege class 1	CL01/	S0B96
Approver privilege class 2	CL02/	S0B85
Approver privilege class 3	CL03/	S0B86
Approver privilege class 4	CL04/	S0B87
Approver privilege class 5	CL05/	S0B88
Approver privilege class 6	CL06/	S0B89
Approver privilege class 7	CL07/	S0B8A
Approver privilege class 8	CL08/	S0B8B

Field Name	P-Word	S-Word Index
Approver privilege class 9	CL09/	S0B8C
Approver privilege class 10	CL10/	S0B8D
Approver privilege class 11	CL11/	S0B8E
Approver privilege class 12	CL12/	S0B8F
Approver privilege class 13	CL13/	S0B90
Approver privilege class 14	CL14/	S0B91
Approver privilege class 15	CL15/	S0B92
Approver privilege class 16	CL16/	S0B93
Approver privilege class 17	CL17/	S0B94
Approver privilege class 18	CL18/	S0B95
Assignee department	GROA/	S0B9C
Assignee name	PERA/	S0B5A
Assignee phone	PH/	S0B2E
Backup plan used	MISX/	S0EC9
Change number	RNID/	S0CCF
Change reason	CODR/	S0C0A
Change status	STAC/	S0BEE
Change type	TYPE/	S0C09
Checkout application ID	APPL/	S14EF
Closed by	PERR/	S0B5B

Field Name	P-Word	S-Word Index
Closer department	GROR/	S0B9D
Closer phone	PH/	S0B2F
Closer privilege class	CLAR/	S0BB3
Co-requisites	RNCC/	S0CD4
Completion code	CODC/	S0C0E
Completion date	DATF/	S0C40
Completion time	TIMF/	S0C71
Coordinator department	GROC/	S0B9E
Coordinator name	PERC/	S0B5C
Coordinator phone	PH/	S0B30
Current phase	CODP/	S0C0B
Current priority	PRIO/	S0BE7
Date assigned	DATA/	S0C37
Date entered	DATE/	S0C34
Date last altered	DATM/	S0C35
Date requester notified	DATN/	S0C48
Date required	DATD/	S0C49
Description		S0E0F
Device name	COMD/	S0CA9
Entry privilege class	CLAE/	S0BB1
Estimated duration	INTE/	S0C95
Estimated effort	EFE/	S0C94
Gateway ID	GWID/	S1260
Initial priority	PRII/	S0BE6
Key item affected	COMK/	S0CBF
Location code	LOCC/	S0C0C
Network name	COMN/	S0CA3
Owning privilege class	CLAO/	S0BB5

Field Name	P-Word	S-Word Index
Planned end date	DATT/	S0C42
Planned end time	TIMT/	S0C6F
Planned start date	DATP/	S0C41
Planned start time	TIMP/	S0C6E
Prerequisites	RNCP/	S0CD5
Problem fixed	RNPR/	S0CD3
Program name	COMX/	S0CA8
Requested by	PERS/	S0B59
Requester department	GROS/	S0B9B
Requester phone	PH/	S0B2D
Reviewer* *for list data BLGLREVR	CLAX/	S12DD
Reviewer privilege class 1	CLAX/	S0BB6
Reviewer privilege class 2	CLAX/	S0BB7
Reviewer privilege class 3	CLAX/	S0BB8
Reviewer privilege class 4	CLAX/	S0BB9
Reviewer privilege class 5	CLAX/	S0BBA
Reviewer privilege class 6	CLAX/	S0BBB
Reviewer privilege class 7	CLAX/	S0BBC
Reviewer privilege class 8	CLAX/	S0BBD
Reviewer privilege class 9	CLAX/	S0BBE

Field Name	P-Word	S-Word Index
Reviewer privilege class 10	CLAX/	S0BBF
Reviewer privilege class 11	CLAX/	S0BC0
Reviewer privilege class 12	CLAX/	S0BC1
Reviewer privilege class 13	CLAX/	S0BC2
Reviewer privilege class 14	CLAX/	S0BC3
Reviewer privilege class 15	CLAX/	S0BC4
Reviewer privilege class 16	CLAX/	S0BC5
Reviewer privilege class 17	CLAX/	S0BC6
Reviewer privilege class 18	CLAX/	S0BC7
Risk assessment	IMPR/	S0BF2
Select code* A R *for list data (BLGLAPST)		 S12DC S12DC
System name	NASY/	S0CA5
TEC Event ID	TECID/	S14FC
Time assigned	TIMA/	S0C64
Time entered	TIME/	S0C61
Time last altered	TIMM/	S0C62
Time required	TIMD/	S0C72
Transfer-to class	CLAT/	S0BCC
Unexpected problems	MISP/	S0ECB

Field Name	P-Word	S-Word Index
User form number	NUMX/	S0D14
User last altered	USER/	S0B5E

Activity Records

Field Name	P-Word	S-Word Index
Activity name	NAMA/	S0CBC
Activity reason	CODR/	S0C0A
Activity record ID	RNID/	S0CCF
Activity status	STAC/	S0BEE
Activity type	TYPE/	S0C09
Actual duration	INTO/	S0C97
Actual effort	EFA/	S0C96
Actual impact	IMPA/	S0BE1
Actual start date	DATB/	S0C43
Actual start time	TIMX/	S0C70
Assignee department	GROA/	S0B9C
Assignee name	PERA/	S0B5A
Assignee phone	PH/	S0B2E
Backup plan used	MISX/	S0EC9
Closed by	PERR/	S0B5B
Closer department	GROR/	S0B9D
Closer phone	PH/	S0B2F
Closer privilege class	CLAR/	S0BB3
Co-requisites	RNCC/	S0CD4
Completion code	CODC/	S0C0E
Completion date	DATF/	S0C40

Field Name	P-Word	S-Word Index
Completion time	TIMF/	S0C71
Contact department	GROS/	S0B9E
Contact name	PERC/	S0B5C
Contact phone	PH/	S0B30
Current phase	CODP/	S0C0B
Current priority	PRIO/	S0BE7
Date assigned	DATA/	S0C37
Date entered	DATE/	S0C34
Date last altered	DATM/	S0C35
Date requester notified	DATN/	S0C48
Date required	DATD/	S0C49
Description		S0E0F
Device name	COMD/	S0CA9
Entry privilege class	CLAE/	S0BB1
Estimated duration	INTE/	S0C95
Estimated effort	EFE/	S0C94
Initial priority	PRII/	S0BE6
Key item affected	COMK/	S0CBF
Location code	LOCC/	S0C0C
Network name	COMN/	S0CA3
Owning privilege class	CLAO/	S0BB5
Parent change number	RNOR/	S0CD0
Planned end date	DATT/	S0C42
Planned end time	TIMT/	S0C6F
Planned start date	DATP/	S0C41
Planned start time	TIMP/	S0C6E
Prerequisites	RNCP/	S0CD5
Program name	COMX/	S0CA8

Field Name	P-Word	S-Word Index
Requested by	PERS/	S0B59
Requester department	GROS/	S0B9B
Requester phone	PH/	S0B2D
Risk assessment	IMPR/	S0BF2
System name	NASY/	S0CA5
Time assigned	TIMA/	S0C64
Time entered	TIME/	S0C61
Time last altered	TIMM/	S0C62
Time required	TIMD/	S0C72
Transfer-to class	CLAT/	S0BCC
Unexpected problems	MISP/	S0ECB
User last altered	USER/	S0B5E

Hardware Component Records

Field Name	P-Word	S-Word Index
Center record ID	RNDR/	S0CDE
Circuit number	PH/	S0D12
Component name/ID	RNID/	S0CCF
Component owner	DEPO/	S0B9F
Component status	STAC/	S0BEE
Connection type	TYPX/	S0C04
Contact department	GROC/	S0B9E
Contact name	PERC/	S0B5C
Contact phone	PH/	S0B30
Current book value	FEEB/	S0DCA
Current market value	FEEV/	S0DCB

Field Name	P-Word	S-Word Index
CICS ID	COMX/	S0D0E
Date entered	DATE/	S0C34
Date last altered	DATM/	S0C35
Date of status	DATC/	S0C37
Date shipped	DATV/	S0C45
Description		S0E0F
Device type and model	DEVS/	S097A
Direction of flow	DIRF/	S0CE5
Display class	DISC/	S0D0B
Entry privilege class	CLAE/	S0BB1
Feature names	NAFE/	S0CBD
Generic device	TYPD/	S0CB0
Hardware EC levels	LVLS/	S0637
Hardware financial ID	RNFR/	S0CDD
Lease begin date	DATX/	S0C46
Lease end date	DATX/	S0C47
Line interface address	TYPX/	S0C01
Line phone number	PH/	S0D1D
Line protocol	TYPX/	S0C00
Line set type	TYPX/	S0C03
Line speed	NUMX/	S0D1A
Line type	TYPX/	S0C02
Location code	LOCC/	S0C0C
Loop ID	CODA/	S0BFC
Loop speed	NUMS/	S0DF9
Loop type	TYPX/	S0C06
LTERM ID for IMS	COMX/	S0D0F
Maintenance interval	INTX/	S0C9B

HARDWARE COMPONENT RECORDS

Field Name	P-Word	S-Word Index
Microcode EC level	LVLX/	S0E46
Model link ID	RNMR/	S0CE0
Network name	COMN/	S0CA3
Node name	COMX/	S0CB8
Number of ports	NUMT/	S0D2D
Order number	NUMX/	S0D13
Owning privilege class	CLAO/	S0BB5
Program name	COMX/	S0CA8
Purchase date	DATX/	S0DED
Second service ID 1	RNSV/	S1299
Second service ID 2	RNSV/	S129A
Second support group 1	SSGP/	S0B73
Second support group 2	SSGP/	S0B74
Second system ID 1	RNSS/	S1291
Second system ID 2	RNSS/	S1292
Second system ID 3	RNSS/	S1293
Second system ID 4	RNSS/	S1294
Serial number	NUMX/	S0D17
Service record ID	RNSR/	S0CDC
Subdiagram marker 1	SDM1/	
Subdiagram marker 2	SDM2/	
Subdiagram marker 3	SDM3/	
Subdiagram marker 4	SDM4/	
Subdiagram marker 5	SDM5/	
Subdiagram marker 6	SDM6/	
Subdiagram marker 7	SDM7/	

Field Name	P-Word	S-Word Index
Subdiagram marker 8	SDM8/	
System record ID	RNSY/	S0CDB
Time entered	TIME/	S0C61
Time last altered	TIMM/	S0C62
Transfer-to class	CLAT/	S0BCC
Up connected to	RNU1/	SOCCB
User last altered	USER/	S0B5E
VPA number	VPAN	S0DF7
VPA sequence number	VPAS/	S0DF8

Hardware Connection Records

Field Name	P-Word	S-Word Index
Cable length	NUMX/	S0DFB
Cable number	NUMC/	S0DF5
Channel number	NUML/	S0DF4
Component from	RNOR/	S0CD0
Component to	RNCT/	S0CDF
Connection record ID	RNID/	S0CCF
Connection status	STAC/	S0BEE
Connection type	TYPX/	S0C05
Date entered	DATE/	S0C34
Date from	DATX/	S0DEB
Date last altered	DATM/	S0C35
Date to	DATJ/	S0DEC
Description		S0E0F
Device address	NUMA/	S0DFD

Field Name	P-Word	S-Word Index
Entry privilege class	CLAE/	S0BB1
Owning privilege class	CLAO/	S0BB5
Path ID	CODL/	S0C07
Port ID	CODO/	S0BFB
Port number	NUMN/	S0DF6
Shift number	NUMW/	S0DFC
Time entered	TIME/	S0C61
Time last altered	TIMM/	S0C62
Transfer-to class	CLAT/	S0BCC
User last altered	USER/	S0B5E

Hardware Feature Records

Field Name	P-Word	S-Word Index
Contact department	GROC/	S0B9E
Contact name	PERC/	S0B5C
Contact phone	PH/	S0B30
Date entered	DATE/	S0C34
Date last altered	DATM/	S0C35
Date of status	DATC/	S0C37
Description		S0E0F
Entry privilege class	CLAE/	S0BB1
Feature name	NAFE/	S0CBD
Feature number	NUMX/	S0D1E
Feature owner	DEPO/	S0B9F
Feature record ID	RNID/	S0CCF
Feature status	STAC/	S0BEE

Field Name	P-Word	S-Word Index
Feature type	TYPE/	S0C09
Financial record ID	RNFR/	S0CDD
Hardware EC levels	LVLS/	S0637
Lease begin date	DATX/	S0C46
Lease end date	DATX/	S0C47
Location code	LOCC/	S0C0C
Microcode EC level	LVLX/	S0E46
Owning privilege class	CLAO/	S0BB5
Parent component ID	RNOR/	S0CD0
Purchase date	DATX/	S0DED
Serial number	NUMX/	S0D17
Time entered	TIME/	S0C61
Time last altered	TIMM/	S0C62
Transfer-to class	CLAT/	S0BCC
User last altered	USER/	S0B5E
VPA number	VPAN/	S0DF7
VPA sequence number	VPAS/	S0DF8

Hardware Subcomponent Records

Field Name	P-Word	S-Word Index
Center record ID	RNDR/	S0CDE
Contact department	GROC/	S0B9E
Contact name	PERC/	S0B5C
Contact phone	PH/	S0B30
Date entered	DATE/	S0C34
Date last altered	DATM/	S0C35

HARDWARE SUBCOMPONENT RECORDS

Field Name	P-Word	S-Word Index
Date of status	DATC/	S0C37
Description		S0E0F
Entry privilege class	CLAE/	S0BB1
Hardware EC levels	LVLS/	S0637
Hardware financial ID	RNFR/	S0CDD
Hardware link ID	RNOC/	S0CDA
Lease begin date	DATX/	S0C46
Lease end date	DATX/	S0C47
Location code	LOCC/	S0C0C
Maintenance interval	INTX/	S0C9B
Microcode EC level	LVLX/	S0E46
Owning privilege class	CLAO/	S0BB5
Purchase date	DATX/	S0DED
Serial number	NUMX/	S0D17
Service record ID	RNSR/	S0CDC
Subcomponent name/ID	RNID/	S0CCF
Subcomponent owner	DEPO/	S0B9F
Subcomponent status	STAC/	S0BEE
Subcomponent type	TYPE/	S0C09
System record ID	RNSY/	S0CDB
Time entered	TIME/	S0C61
Time last altered	TIMM/	S0C62
Transfer-to class	CLAT/	S0BCC
User last altered	USER/	S0B5E
VPA number	VPAN/	S0DF7
VPA sequence number	VPAS/	S0DF8

Model Hardware Component Records

Field Name	P-Word	S-Word Index
Center record ID	RNDR/	S0CDE
Circuit number	PH/	S0D12
Component owner	DEPO/	S0B9F
Component status	STAC/	S0BEE
Connection type	TYPX/	S0C04
Contact department	GROC/	S0B9E
Contact name	PERC/	S0B5C
Contact phone	PH/	S0B30
Current book value	FEEB/	S0DCA
Current market value	FEEV/	S0DCB
Date entered	DATE/	S0C34
Date last altered	DATM/	S0C35
Date of status	DATC/	S0C37
Description		S0E0F
Device type and model	DEVS/	S097A
Direction of flow	DIRF/	S0CE5
Display class	DISC/	S0D0B
Entry privilege class	CLAE/	S0BB1
Feature names	NAFE/	S0CBD
Generic device	TYPD/	S0CB0
Hardware financial ID	RNFR/	S0CDD
Line interface address	TYPX/	S0C01
Line phone number	PH/	S0D1D
Line protocol	TYPX/	S0C00
Line set type	TYPX/	S0C03
Line speed	NUMX/	S0D1A
Line type	TYPX/	S0C02

Field Name	P-Word	S-Word Index
Loop ID	CODA/	S0BFC
Loop speed	NUMS/	S0DF9
Loop type	TYPX/	S0C06
Maintenance interval	INTX/	S0C9B
Model component name/ID	RNID/	S0CCF
Owning privilege class	CLAO/	S0BB5
Second service ID 1	RNSV/	S1299
Second service ID 2	RNSV/	S129A
Second support group 1	SSGP/	S0B73
Second support group 2	SSGP/	S0B74
Second system ID 1	RNSS/	S1291
Second system ID 2	RNSS/	S1292
Second system ID 3	RNSS/	S1293
Second system ID 4	RNSS/	S1294
Service record ID	RNSR/	S0CDC
System record ID	RNSY/	S0CDB
Time entered	TIME/	S0C61
Time last altered	TIMM/	S0C62
Transfer-to class	CLAT/	S0BCC
User last altered	USER/	S0B5E

Model Hardware Feature Records

Field Name	P-Word	S-Word Index
Contact department	GROC/	S0B9E

Field Name	P-Word	S-Word Index
Contact name	PERC/	S0B5C
Contact phone	PH/	S0B30
Date entered	DATE/	S0C34
Date last altered	DATM/	S0C35
Date of status	DATC/	S0C37
Description		S0E0F
Entry privilege class	CLAE/	S0BB1
Feature name	NAFE/	S0CBD
Feature number	NUMX/	S0D1E
Feature owner	DEPO/	S0B9F
Feature status	STAC/	S0BEE
Feature type	TYPE/	S0C09
Financial record ID	RNFR/	S0CDD
Model feature ID	RNID/	
Owning privilege class	CLAO/	S0BB5
Parent component ID	RNOR/	S0CD0
Storage class	TYPS/	S0C17
Time entered	TIME/	S0C61
Time last altered	TIMM/	S0C62
Transfer-to class	CLAT/	S0BCC
User last altered	USER/	S0B5E

Model Hardware Subcomponent Records

Field Name	P-Word	S-Word Index
Center record ID	RNDR/	S0CDE

Field Name	P-Word	S-Word Index
Contact department	GROC/	S0B9E
Contact name	PERC/	S0B5C
Contact phone	PH/	S0B30
Date entered	DATE/	S0C34
Date last altered	DATM/	S0C35
Date of status	DATC/	S0C37
Description		S0E0F
Entry privilege class	CLAE/	S0BB1
Hardware financial ID	RNFR/	S0CDD
Maintenance interval	INTX/	S0C9B
Model link ID	RNOC/	S0CDA
Model subcomponent name/ID	RNID/	
Owning privilege class	CLAO/	S0BB5
Service ID	RNSR/	S0CDC
Subcomponent owner	DEPO/	S0B9F
Subcomponent status	STAC/	S0BEE
Subcomponent type	TYPE/	S0C09
System record ID	RNSY/	S0CDB
Time entered	TIME/	S0C61
Time last altered	TIMM/	S0C62
Transfer-to class	CLAT/	S0BCC
User last altered	USER/	S0B5E

Software Component Records

Field Name	P-Word	S-Word Index
Center record ID	RNDR/	S0CDE
CICS transaction ID	NUMX/	S0CAF
Component name/ID	RNID/	S0CCF
Component owner	DEPO/	S0B9F
Component status	STAC/	S0BEE
Contact department	GROC/	S0B9E
Contact name	PERC/	S0B5C
Contact phone	PH/	S0B30
Date entered	DATE/	S0C34
Date last altered	DATM/	S0C35
Date of status	DATC/	S0C37
Description		S0E0F
Display class	DISC/	S0D0B
Entry privilege class	CLAE/	S0BB1
Execution type	TYPR/	
Feature names	NAFE/	S0CBD
Fix level	LEVF/	S0639
IMS transaction ID	NUMX/	S0D1C
License begin date	DATX/	S0C46
License end date	DATX/	S0C47
Location code	LOCC/	S0C0C
Model link ID	RNMR/	S0CE0
Modification level	LEVM/	S0ECE
Network name	COMN/	S0CA3
Node name	COMX/	S0CB8
Order number	NUMX/	S0D13
Owning privilege class	CLAO/	S0BB5
Program name	COMX/	S0CA8

SOFTWARE CONNECTION RECORDS

Field Name	P-Word	S-Word Index
Program type	TYPP/	S0CAF
Program version	LVLX/	S0ECD
Release level	LVLS/	S0636
Second service ID 1	RNSV/	S1299
Second service ID 2	RNSV/	S129A
Second support group 1	SSGP/	S0B73
Second support group 2	SSGP/	S0B74
Second system ID 1	RNSS/	S1291
Second system ID 2	RNSS/	S1292
Second system ID 3	RNSS/	S1293
Second system ID 4	RNSS/	S1294
Service ID	RNSR/	S0CDC
Software financial ID	RNFR/	S0CDD
Software FMID	LVLS/	S081A
Source language	MISX/	S0ECC
System record ID	RNSY/	S0CDB
Time entered	TIME/	S0C61
Time last altered	TIMM/	S0C62
Transfer-to class	CLAT/	S0BCC
Up connected to	RNU1/	S0CC8
User last altered	USER/	S0B5E
Vendor component ID	NUMX/	S0D11

Software Connection Records

Field Name	P-Word	S-Word Index
Component from	RNOR/	S0CD0
Component to	RNCT/	S0CDF
Connection record ID	RNID/	S0CCF
Connection status	STAC/	S0BEE
Connection type	TYPX/	S0C05
Date entered	DATE/	S0C34
Date from	DATX/	S0DEB
Date last altered	DATM/	S0C35
Date to	DATJ/	S0DEC
Description		S0E0F
Device address	NUMA/	S0DFD
Entry privilege class	CLAE/	S0BB1
Owning privilege class	CLAO/	S0BB5
Program type	TYPP/	S0CAF
Shift number	NUMW/	S0DFC
Time entered	TIME/	S0C61
Time last altered	TIMM/	S0C62
Transfer-to class	CLAT/	S0BCC
User last altered	USER/	S0B5E

Software Feature Records

Field Name	P-Word	S-Word Index
Contact department	GROC/	S0B9E
Contact name	PERC/	S0B5C
Contact phone	PH/	S0B30
Date entered	DATE/	S0C34

SOFTWARE FEATURE RECORDS

Field Name	P-Word	S-Word Index
Date last altered	DATM/	S0C35
Date of status	DATC/	S0C37
Description		S0E0F
Entry privilege class	CLAE/	S0BB1
Feature record ID	RNID/	S0CCF
Feature name	NAFE/	S0CBD
Feature owner	DEPO/	S0B9F
Feature status	STAC/	S0BEE
Feature type	TYPE/	S0C09
Financial record ID	RNFR/	S0CDD
Fix level	LEVF/	S0639
License begin date	DATX/	S0C46
License end date	DATX/	S0C47
Location code	LOCC/	S0C0C
Modification level	LEVM/	S0ECE
Owning privilege class	CLAO/	S0BB5
Parent component ID	RNOR/	S0CD0
Program version	LVLX/	S0ECD
Release level	LVLS/	S0636
Software FMID	LVLS/	S081A
Source language	MISX/	S0ECC
Time entered	TIME/	S0C61
Time last altered	TIMM/	S0C62
Transfer-to class	CLAT/	S0BCC
User last altered	USER/	S0B5E
Vendor component ID	NUMX/	S0D11

Model Software Component Records

Field Name	P-Word	S-Word Index
Center record ID	RNDR/	S0CDE
Component owner	DEPO/	S0B9F
Component status	STAC/	S0BEE
Contact department	GROC/	S0B9E
Contact name	PERC/	S0B5C
Contact phone	PH/	S0B30
Date entered	DATE/	S0C34
Date last altered	DATM/	S0C35
Date of status	DATC/	S0C37
Description		S0E0F
Display class	DISC/	S0D0B
Entry privilege class	CLAE/	S0BB1
Execution type	TYPR/	
Feature names	NAFE/	S0CBD
Fix level	LEVF/	S0639
Model component name/ID	RNID/	
Modification level	LEVM/	S0ECE
Owning privilege class	CLAO/	S0BB5
Program type	TYPP/	S0CAF
Program version	LVLX/	S0ECD
Release level	LVLS/	S0636
Second service ID 1	RNSV/	S1299
Second service ID 2	RNSV/	S129A
Second support group 1	SSGP/	S0B73

Field Name	P-Word	S-Word Index
Second support group 2	SSGP/	S0B74
Second system ID 1	RNSS/	S1291
Second system ID 2	RNSS/	S1292
Second system ID 3	RNSS/	S1293
Second system ID 4	RNSS/	S1294
Service record ID	RNSR/	S0CDC
Software financial ID	RNFR/	S0CDD
Source language	MISX/	S0ECC
System record ID	RNSY/	S0CDB
Time entered	TIME/	S0C61
Time last altered	TIMM/	S0C62
Transfer-to class	CLAT/	S0BCC
User last altered	USER/	S0B5E
Vendor component ID	NUMX/	S0D11

Model Software Feature Records

Field Name	P-Word	S-Word Index
Contact department	GROC/	S0B9E
Contact name	PERC/	S0B5C
Contact phone	PH/	S0B30
Date entered	DATE/	S0C34
Date last altered	DATM/	S0C35
Date of status	DATC/	S0C37
Description		S0E0F
Entry privilege class	CLAE/	S0BB1

Field Name	P-Word	S-Word Index
Feature name	NAFE/	S0CBD
Feature owner	DEPO/	S0B9F
Feature record ID	RNID/	S0CCF
Feature status	STAC/	S0BEE
Feature type	TYPE/	S0C09
Financial record ID	RNFR/	S0CDD
Fix level	LEVF/	S0639
Modification level	LEVM/	S0ECE
Owning privilege class	CLAO/	S0BB5
Parent component ID	RNOR/	S0CD0
Program version	LVLX/	S0ECD
Release level	LVLS/	S0636
Source language	MISX/	S0ECC
Storage class	TYPS/	S0C17
Time entered	TIME/	S0C61
Time last altered	TIMM/	S0C62
Transfer-to class	CLAT/	S0BCC
User last altered	USER/	S0B5E
Vendor component ID	NUMX/	S0D11

Hardware Financial Records

Field Name	P-Word	S-Word Index
Charge out account	NUMX/	S0D15
Charge out rate	NUMX/	S0DB1
Component count	COUC/	S0D29
Date entered	DATE/	S0C34

HARDWARE FINANCIAL RECORDS

Field Name	P-Word	S-Word Index
Date last altered	DATM/	S0C35
Depreciation method	TYPX/	S0C15
Depreciation period	INTX/	S0C98
Description		S0E0F
Device type and model	DEVS/	S097A
Entry privilege class	CLAE/	S0BB1
Financial name	NAFI/	S0CA6
Financial record ID	RNID/	S0CCF
Financial type	TYPF/	S0C14
Generic device	TYPD/	S0CB0
Lease type	TYPL/	S0DB3
Maintenance class	CODS/	S0D95
Manufacturer	GROM/	S0BA4
Marketing rep name	PERX/	S0B5F
Marketing rep phone	PH/	S0B3B
Maximum accrual percent	NUMX/	S0D80
Maximum accrual period	INTX/	S0C99
Maximum VPA quantity	VPAM/	S0D2C
Minimum maintenance charge	FEEX/	S0DD8
Minimum VPA quantity	VPAQ/	S0D2B
Monthly charge	FEER/	S0DB2
Owning privilege class	CLAO/	S0BB5
Purchase option percent	NUMX/	S0DAF
Purchase price	FEEP/	S0DAE
Residual value	FEEU/	S0DCC

Field Name	P-Word	S-Word Index
Service charge out rate	NUMX/	S0DD7
System specialist name	PERX/	S0B61
System specialist phone	PH/	S0B3D
Time entered	TIME/	S0C61
Time last altered	TIMM/	S0C62
Transfer-to class	CLAT/	S0BCC
User last altered	USER/	S0B5E
Vendor name	GROV/	S0BA3
VPA contact name	PERC/	S0B72
VPA contact phone	PH/	S0B4F
VPA duration	VPAD/	S0D8D
VPA name	CODV/	S0C08
VPA number	VPAN/	S0DF7
VPA start date	DATB/	S0C43

Software Financial Records

Field Name	P-Word	S-Word Index
Additional charge	FEEG/	S0DD5
Basic license identifier	CODB/	S0C19
Basic license location	LOCC/	S0C18
Date entered	DATE/	S0C34
Date last altered	DATM/	S0C35
Description		S0E0F
Entry privilege class	CLAE/	S0BB1
Financial record ID	RNID/	S0CCF

SOFTWARE FINANCIAL RECORDS

Field Name	P-Word	S-Word Index
Financial name	NAFI/	S0CA6
Initial license chrg (DSLO)	FEED/	S0DB4
Initial license chrg (BASIC)	FEED/	S0DCF
Install license applies	MISX/	S0EE3
License type	TYPL/	S0C1C
Location license applies	MISX/	S0EE2
LPSA charge	FEEL/	S0DD3
Maintenance class	CODS/	S0D95
Marketing rep name	PERX/	S0B5F
Marketing rep phone	PH/	S0B3B
Maximum VLA quantity	VPAM/	S0D2C
Minimum VLA quantity	VPAQ/	S0D2B
Multiple license charge	FEEM/	S0DAD
Multiple license count	COUC/	S0DD29
One time charge	FEEC/	S0DDE
Owning privilege class	CLAO/	S0BB5
Periodic charge interval	INTT/	S0D8E
Periodic license charge	FEER/	S0DCE
Process charge	FEEX/	S0DD4
System specialist name	PERX/	S0B61
System specialist phone	PH/	S0B3D
Test period	INTX/	S0C9A
Time entered	TIME/	S0C61

Field Name	P-Word	S-Word Index
Time last altered	TIMM/	S0C62
Transfer-to class	CLAT/	S0BCC
Upgrade license charge	FEEF/	S0DD6
User last altered	USER/	S0B5E
Vendor name	GROV/	S0BA3
VLA contact name	PERC/	S0B72
VLA contact phone	PH/	S0B4F
VLA duration	VPAD/	S0D8D
VLA name	CODV/	S0C08
VLA number	VPAN/	S0D47
VLA start date	DATB/	S0C43

Data Center Records

Field Name	P-Word	S-Word Index
Center name	NADC/	S0CA4
Center record ID	RNID/	S0CCF
Date entered	DATE/	S0C34
Date last altered	DATM/	S0C35
Description		S0E0F
Emergency phone	PH/	S0B37
Entry privilege class	CLAE/	S0BB1
Help phone	PH/	S0B3F
Location code	LOCC/	S0C0C
Off shift phone	PH/	S0B36
Ops manager home phone	PH/	S0B43

Field Name	P-Word	S-Word Index
Operations manager name	PERM/	S0B6E
Ops manager phone	PH/	S0B42
Owning privilege class	CLAO/	S0BB5
Time entered	TIME/	S0C61
Time last altered	TIMM/	S0C62
Transfer-to class	CLAT/	S0BCC
User last altered	USER/	S0B5E
1st manager home phone	PH/	S0B44
1st shift manager name	PERM/	S0B6F
1st shift manager phone	PH/	S0B33
2nd manager home phone	PH/	S0B45
2nd manager phone	PH/	S0B34
2nd shift manager name	PERM/	S0B70
3rd manager home phone	PH/	S0B46
3rd shift manager name	PERM/	S0B71
3rd shift manager phone	PH/	S0B36

System Records

Field Name	P-Word	S-Word Index
Center record ID	RNDR/	S0CDE
Contact department	GROC/	S0B9E
Contact name	PERC/	S0B5C
Contact phone	PH/	S0B30
Date entered	DATE/	S0C34
Date last altered	DATM/	S0C35
Description		S0E0F
Emergency phone	PH/	S0B37
Entry privilege class	CLAE/	S0BB1
Location code	LOCC/	S0C0C
Owning privilege class	CLAO/	S0BB5
System manager name	PERM/	S0B6E
System manager phone	PH/	S0B42
System name	NASY/	S0CA5
System operator phone	PH/	S0B40
System record ID	RNID/	S0CCF
Time entered	TIME/	S0C61
Time last altered	TIMM/	S0C62
Transfer-to class	CLAT/	S0BCC
User last altered	USER/	S0B5E

Service Records

Field Name	P-Word	S-Word Index
Date entered	DATE/	S0C34

Field Name	P-Word	S-Word Index
Date last altered	DATM/	S0C35
Description		S0E0F
Entry privilege class	CLAE/	S0BB1
Hardware rep name	PERX/	S0B62
Hardware rep phone	PH/	S0B38
Off shift service phone	PH/	S0B36
Owning privilege class	CLAO/	S0BB5
Service name	NASE/	S0CA7
Service organization name	NAMX/	S0BA5
Service phone	PH/	S0B3E
Service record ID	RNID/	S0CCF
Software rep name	PERX/	S0B63
Software rep phone	PH/	S0B39
Time entered	TIME/	S0C61
Time last altered	TIMM/	S0C62
Transfer-to class	CLAT/	S0BCC
User last altered	USER/	S0B5E

Rules Records

Field Name	P-Word	S-Word Index
Date entered	DATE/	S0C34
Date last altered	DATM/	S0C35
Entry privilege class	CLAE/	S0BB1
Increase/decrease priority	RPID/	S0123

Field Name	P-Word	S-Word Index
Initial priority	PRII/	S0BE6
Key item affected	COMK/	S0CBF
Level 1 duration	INTX/	S0124
Level 1 ID to notify	USRN/	S0125
Level 1 node	COMX/	S0126
Level 2 duration	INTX/	S0127
Level 2 ID to notify	USRN/	S0128
Level 2 node	COMX/	S0129
Level 3 duration	INTX/	S012A
Level 3 ID to notify	USRN/	S012B
Level 3 node	COMX/	S012C
Location code	LOCC/	S0C0C
Priority adjustment	RADJ/	S0122
Problem type	TYPE/	S0C09
Time entered	TIME/	S0C61
Time last altered	TIMM/	S0C62
User last altered	USER/	S0B5E

Inventory

Refer to the *Tivoli Information Management for z/OS Guide to Integrating with Tivoli Applications* for details on how these data structures are used by Tivoli Information Management for z/OS database to store data extracted from the Tivoli Inventory configuration repository.

Field Name	P-word	S-Word Index
Acct version	NWAC/	S156D
(BIOS) date	BSDT/	S15E1

Field Name	P-word	S-Word Index
Bios ID		S15DE
Bios ID bytes	BSBY/	S15DF
Bios manufacturer ID	BSMF/	S15E5
Bios string		S15E0
Booted OS name	OSNM/	S15C0
Booted OS version	OSVR/	S15C1
Class created	CLAE/	S0BB1
CLIB major ver	NWMV/	S156E
CLIB minor ver	NWNV/	S156F
CLIB revision	NWRV/	S1570
Computer architecture	—	S1531
Computer model	MCPU/	S1532
(Config file) date	CDAT/	S15B2
(Config file) name	FNAM/	S15CE
(Config file) path	FPTH/	S15CF
(Config file) size	FSIZ/	S15D0
(Config file) time	CTIM/	S15B3
Conns used	NWMU/	S1574
Conventional total KB	TTKB/	S1541
Co-processor model	MCOP/	S1542
Co-processor type	TCOP/	S1543
Current build	NTBD/	S15D7
Current type	NTCT/	S15D8
Current version	NTCV/	S15D9
Cylinders	HDCY/	S154A
Date created	DATE/	S0C34
Date installed	—	S15B4
Date modified	DATM/	S0C35

Field Name	P-word	S-Word Index
Device name	NWDV/	S1571
Expanded (total) KB	EPKB/	S1545
Extended (total) KB	ETKB/	S1546
Free KB	LDFK/	S155E
(Hard disk) access speed	HDSP/	S1549
(Hard disk) serial number	HDSR/	S1550
Hardware system ID	—	S1512
Hardware system ID desc	HDESC/	S151C
Heads	HDHD/	S154B
Internet (bridge) supp	NWIN/	S1572
Installed HD ID	INHD/	S1554
(IPX) address	IPXA/	S1559
(IPX) full name	IPXN/	S155A
(IPX) login name	IPXL/	S155B
(IPX LAN connection) name	IPNM/	S1589
(IPX LAN connection) number	IPNU/	S158A
(Logical drive) file system	LDFS/	S155D
(Logical drive) name	LDNM/	S1560
(Logical drive) serial number	LDSR/	S1561
(Logical drive) size KB	LDSZ/	S1562
Max conns	NWMC/	S1573
Max volumes	NWVL/	S1575
Model	MHDR/	S154D
Mount dir	LDDR/	S155F

INVENTORY

Field Name	P-word	S-Word Index
(Network node) address	NNAD/	S159C
(Network node) name	NNNM/	S159B
NW serial number	NWSR/	S159E
Paging space (KB)	PGSP/	S153C
(PC port) base address	PADR/	S158B
(PC port) number	PNUM/	S158C
(PC port) type	TPOR/	S158D
Physical memory (KB)	PMEM/	S1536
Printserver ver	NWPV/	S1576
Processor model	MPRC/	S1537
Processor speed	PSPD/	S1538
Protocol	NPTC/	S156C
Queuing ver	NWQV/	S1577
Reg org	NTOR/	S15DA
Reg user	NTUS/	S15DB
Revision level	NWRL/	S1578
Scan time (date)	DATZ/	S1518
Scan time (time)	TIMZ/	S1519
Sectors	HDSC/	S154E
Security (restriction) level	NWSL/	S1579
Seek time	HDSK/	S154F
Service pack	NTSP/	S15DC
Signature file name	SFNM/	S15E3
Signature file size	SFSZ/	S15E4
Size MB	HDSZ/	S1534
(Software) identifier	SW/	S1513

Field Name	P-word	S-Word Index
Software level	NWSF/	S157A
System root	NTSR/	S15DD
Time created	TIME/	S0C61
Time modified	TIMM/	S0C62
Tivoli object ID	TOBJ/	S151A
Tivoli object ID desc	—	S151D
Tivoli object label	OBJ/	S1511
TMR Label	TMR/	S1510
TTS level	NWTS/	S157C
User modified	USER/	S0B5E
VAP version	NWVP/	S157D
Version	NWVR/	S157E
Version ID	SWVR/	S15E2
Virtual console ver	NWCV/	S157F
Volume label	LDVL/	S1563

Call Records

Field Name	P-word	S-Word Index
Address 1	ADDR/	S152A
Address 2	ADDR/	S152B
Associated problem ID	RNAP/	S0CE1
Brief description		S0E0F
Call taker department	GROA/	S0B9C
Call taker ID	ASID/	S01D3
Call taker name	PERA/	S0B5A
Call taker phone	PH/	S0B2E
Call ID	RNID/	S0CCF
Call fax number	FAX/	S01D5
Call type	TYPJ/	S01D0
Caller's identifier	CAID/	S14FD
City/State/Province	CITY/	S152C
Company name	CO/	S15F7
Date entered	DATE/	S0C34
Date last altered	DATM/	S0C35
Detail description		S0E01
Department	GROS/	S0B9B
End date	DATF/	S0C40
End time	TIMF/	S0C71
Management application entry sword		S002C
Name	PERS/	S0B59
Phone	PH/	S0B2D
Postal code/ZIP	PCOD/	S152E
Start date	DATB/	S0C43

Field Name	P-word	S-Word Index
Start time	TIMB/	S0C6C
Status	STAC/	S0BEE
Time entered	TIME/	S0C61
Time last altered	TIMM/	S0C62
User last altered	USER/	S0B5E

People Records

Field Name	P-word	S-Word Index
Address 1	ADDR/	S152A
Address 2	ADDR/	S152B
City/State/Province	CITY/	S152C
Company name	CO/	S15F7
Country	CTRY/	S152F
Date entered	DATE/	S0C34
Date last altered	DATM/	S0C35
E-mail address	EADD/	S01D1
Fax number	PHFX/	S15F1
Mobile phone number	PHMO/	S15F3
Pager number	PHPG/	S15F2
People identifier	RNID/	S0CCF
Person department	DEPT/	S151E
Person description		S0E01
Person name	PERNM/	S151F
Person role	ROLE/	S15F8
Phone number	PHNM/	S15F0
Postal code/ZIP	PCOD/	S152E

Field Name	P-word	S-Word Index
Preferred contact	PNOT/	S01D2
Time entered	TIME/	S0C61
Time last altered	TIMM/	S0C62
TSD site ID	OSITE/	S14F7
TSD user ID	TUSER/	S15F9
User last altered	USER/	S0B5E

NOTES

Program Number: 5697-SD9

Printed in U.S.A.

SC31-8754-00