

CICS® Transaction Server for VSE/ESA™



Trace Entries

Release 1

CICS® Transaction Server for VSE/ESA™



Trace Entries

Release 1

Note!

Before using this information and the product it supports, be sure to read the general information under “Notices” on page 175.

Seventh Edition (April 2006)

This edition applies to Release 1 of CICS Transaction Server for VSE/ESA, program number 5648-054, and to all subsequent versions, releases, and modifications until otherwise indicated in new editions. Make sure you are using the correct edition for the level of the product.

The CICS for VSE/ESA Version 2.3 edition remains applicable and current for users of CICS for VSE/ESA Version 2.3.

Order publications through your IBM representative or the IBM branch office serving your locality.

At the back of this publication is a page entitled “Sending your comments to IBM”. If you want to make any comments, please use one of the methods described there.

© Copyright International Business Machines Corporation 1998, 2006. All rights reserved.

US Government Users Restricted Rights – Use, duplication or disclosure restricted by GSA ADP Schedule Contract with IBM Corp.

Contents

Preface	v
What this book is about	v
Who this book is for	v
What you need to know to use this book	v
Notes on terminology	vi
Determining if a publication is current	vii

Part 1. CICS trace	1
Chapter 1. Trace entry interpretation tables	3
AP domain trace points – ‘old style’	3
AP domain trace points – ‘new style’	30
DMF domain trace points	110
Bibliography	169
Books from VSE/ESA 2.5 base program libraries	170
Books from VSE/ESA 2.5 optional program libraries	172
Notices	175
Trademarks and service marks	176
Index	177

Preface

What this book is about

This book is intended to help you in diagnosing problems with CICS®.

Who this book is for

This book provides a basis for communication between the system programmer and the IBM® support representative whenever a problem with CICS code is suspected.

What you need to know to use this book

You should have system programming experience and a good working knowledge of CICS and of the functions used in your system to support CICS applications.

Before using this book, you should have read the *CICS Problem Determination Guide* to learn about the general approach to CICS problem-solving and the procedures to use when diagnosing and reporting system problems. You should already be familiar with the general layout of CICS traces and dumps.

In addition, you may need to refer to the following books in the CICS library while diagnosing what appears to be a system problem:

- *CICS Data Areas* manual for details of the layout and contents of CICS data areas
- *VSE/ESA Messages and Codes, Volume 1* manual for information about the messages and abend codes that can be issued by a running CICS system

Notes on terminology

The terms listed in Table 1 are commonly used in the CICS Transaction Server for VSE/ESA Release 1 library. See the *CICS Glossary* for a comprehensive definition of terminology.

<i>Table 1 (Page 1 of 2). Commonly used words and abbreviations</i>	
Term	Definition (and abbreviation if appropriate)
\$(the dollar symbol)	In the character sets and programming examples given in this book, the dollar symbol (\$) is used as a national currency symbol and is assumed to be assigned the EBCDIC code point X'5B'. In some countries a different currency symbol, for example the pound symbol (£), or the yen symbol (¥), is assigned the same EBCDIC code point. In these countries, the appropriate currency symbol should be used instead of the dollar symbol.
BSM	BSM is used to indicate the basic security management supplied as part of the VSE/ESA product. It is RACROUTE-compliant, and provides the following functions: <ul style="list-style-type: none"> • Signon security • Transaction attach security
C	The C programming language
CICSplex	A CICSplex consists of two or more regions that are linked using CICS intercommunication facilities. Typically, a CICSplex has at least one terminal-owning region (TOR), more than one application-owning region (AOR), and may have one or more regions that own the resources accessed by the AORs
CICS Data Management Facility	The new facility to which all statistics and monitoring data is written, generally referred to as "DMF"
CICS/VSE	The CICS product running under the VSE/ESA operating system, frequently referred to as simply "CICS"
COBOL	The COBOL programming language
DB2 for VSE/ESA	Database 2 for VSE/ESA which was previously known as "SQL/DS".
ESM	ESM is used to indicate a RACROUTE-compliant external security manager that supports some or all of the following functions: <ul style="list-style-type: none"> • Signon security • Transaction attach security • Resource security • Command security • Non-terminal security • Surrogate user security • MRO/ISC security (MRO, LU6.1 or LU6.2) • FEPI security.
FOR (file-owning region)—also known as a DOR (data-owning region)	A CICS region whose primary purpose is to manage VSAM and DAM files, and VSAM data tables, through function provided by the CICS file control program.

Table 1 (Page 2 of 2). Commonly used words and abbreviations

Term	Definition (and abbreviation if appropriate)
IBM C for VSE/ESA	The Language Environment-conforming version of the C programming language compiler. Generally referred to as "C/VSE".
IBM COBOL for VSE/ESA	The Language Environment-conforming version of the COBOL programming language compiler. Generally referred to as "COBOL/VSE".
IBM PL/I for VSE/ESA	The Language Environment-conforming version of the PL/I programming language compiler. Generally referred to as "PL/I VSE".
IBM Language Environment for VSE/ESA	The common runtime interface for all LE-conforming languages. Generally referred to as "LE/VSE".
PL/I	The PL/I programming language
VSE/POWER	Priority Output Writers Execution processors and input Readers. The VSE/ESA spooling subsystem which is exploited by the report controller.
VSE/ESA System Authorization Facility	The new VSE facility which enables the new security mechanisms in CICS, generally referred to as "SAF"
VSE/ESA Central Functions component	The new name for the VSE Advanced Function (AF) component
VSE/VTAM	"VTAM"

Determining if a publication is current

IBM regularly updates its publications with new and changed information. When first published, both the printed hardcopy and the BookManager softcopy versions of a publication are in step, but subsequent updates are normally made available in softcopy before they appear in hardcopy.

For CICS Transaction Server for VSE/ESA Release 1 books, softcopy updates appear regularly on the *Transaction Processing and Data Collection Kit* CD-ROM, SK2T-0730-xx and on the *VSE/ESA Collection Kit* CD-ROM, SK2T-0060-xx. Each reissue of the collection kit is indicated by an updated order number suffix (the -xx part). For example, collection kit SK2T-0730-20 is more up-to-date than SK2T-0730-19. The collection kit is also clearly dated on the front cover.

For individual books, the suffix number is incremented each time it is updated, so a publication with order number SC33-0667-02 is more recent than one with order number SC33-0667-01. Updates in the softcopy are clearly marked by revision codes (usually a "#" character) to the left of the changes.

Note that book suffix numbers are updated as a product moves from release to release, as well as for updates within a given release. Also, the date in the edition notice is not changed until the hardcopy is reissued.

This part contains:

- Chapter 1. Trace entry interpretation tables** 3
- AP domain trace points – ‘old style’ 3
- AP domain trace points – ‘new style’ 30
- DMF domain trace points 110

Chapter 1. Trace entry interpretation tables

This chapter provides tables that you can use to interpret trace entries, as described in the *CICS Problem Determination Guide*. There are two slightly different types of trace entry formats. One (“old-style”) resembles the format used in earlier releases of CICS, and gives FIELD A and FIELD B values. The other (“new-style”) uses a completely new format. The trace interpretation tables for “old-style” trace entries are given starting on page “AP domain trace points – ‘old style’.” The trace interpretation tables for “new-style” trace entries are given starting on page “AP domain trace points – ‘new style’” on page 30.

AP domain trace points – ‘old style’

Trace entries with point IDs in the range AP 0000 through AP 00C2 are user trace entries, the numeric part of the point ID being defined in the application making the trace call. AP domain system trace entries have point IDs in the range AP 00C3 through AP FFFF. Not all the values are used.

Where descriptions are given of the specific contents of the REQ field, FIELD A, FIELD B, and the RESOURCE field, byte positions are numbered from left to right, starting at 0.

Format of REQ, FIELD A, FIELD B, and RESOURCE fields

Field	Contents
REQ Byte 0 and byte 1, bits 0–3	For system entries, byte 0 and byte 1 (bits 0–3) usually contain the request code relating to the type of CICS management involved. For user entries, these bits are not used.
REQ Byte 1, bits 4–7	These bits indicate the type of entry, as follows: X'2' User entry X'3' LIFO system entry X'4' System entry X'5' LIFO response/return X'D' Trace on/off entry
FIELD A Bytes 0–3	Data relevant to this entry
FIELD B Bytes 0–3	Data relevant to this entry
RESOURCE Bytes 0–7	When provided, this is usually the name of a resource associated with the request being traced. Details are given below.

Contents of the trace entry resource field

ID	Program	Request Types	Resource
AP 00C4	DFHWMS	Entry	Bytes 0–3: instance number (WMSINSTN) Bytes 4–7: version number (WMSVERN)/ queue name (WMSQNAME)
AP 00D6	Allocation program	X'17' allocate	Modename
AP 00E3	System spooling interface	Where appropriate	Data set ID token
AP 00EA	Table management program	Where appropriate	Resource name
AP 00F3	Interval control	Where appropriate X'90' RETRY X'F0' CANCEL	Transid Request ID Request ID
AP 00F7	Temporary storage	Where appropriate	Queue name

Data conversion for CICS OS/2™ ISC

Point ID	Byte	Value	Contents
AP 00C3	Byte 1, bits 4-7	X'4'	System trace
DFHCCNV	Byte 0	X'01'	TS resource
AP Lvl 1	Field A, bytes 0-1		Reserved
	bytes 2-3		TS data length
	Field B		TS data address
	Byte 0	X'02'	TS resource
	Field A, byte 0		Reserved
	byte 1	.... 1...	Match key template
		.... .1..	Match on select compare
		.... ..1.	Match on select default
		.... ...1	Match on resource name
	bytes 2-3		TS template length
	Field B		TS template address
	Byte 0	X'03'	TD resource
	Field A, bytes 0-1		Reserved
	bytes 2-3		TD data length
	Field B		TD data address
	Byte 0	X'04'	TD resource
	Field A, byte 0		Reserved
	byte 1	.... 1...	Match key template
		.... .1..	Match on select compare
		.... ..1.	Match on select default
		.... ....	Match on resource name
	bytes 2-3		TD template length
	Field B		TD template address
	Byte 0	X'05'	FC resource
	Field A, bytes 0-1		Reserved
	bytes 2-3		FC data length
	Field B		FC data address
	Byte 0	X'06'	FC resource
	Field A, byte 0		Reserved
	byte 1	.... 1...	Match key template
		.... .1..	Match on select compare
		.... ..1.	Match on select default

Table 2 (Page 2 of 2). AP 00C3, DFHCCNV trace entries

Point ID	Byte	Value	Contents
	bytes 2-3 Field B	.... ....	Match on resource name FC template length FC template address
	Byte 0 Field A, bytes 0-1 bytes 2-3 Field B	X'07'	FC resource Reserved FC key length FC key address
	Byte 0 Field A, bytes 0-1 bytes 2-3 Field B	X'08'	FC resource Reserved FC key template length FC key template address
	Byte 0 Field A, bytes 0-1 bytes 2-3 Field B	X'09'	IC resource Reserved IC data length IC data address
	Byte 0 Field A, byte 0 byte 1 bytes 2-3 Field B	X'0A' 1... .... .1.. .... ..1.	IC resource Reserved Match key template Match on select compare Match on select default Match on resource name IC template length IC template address
	Byte 0 Field A Field B	X'0B'	Exit Resource name Resource name
	Byte 0 Field A, byte 0 byte 1 bytes 2-3 Field B	X'0C' X'02' X'04'	Entry Reserved ASCII to EBCDIC request EBCDIC to ASCII request ARG0 bytes 1 and 2 (FNCODE) ARG0 bytes 3-6

CAVM services

Table 3. AP 00C4, DFHWMS trace entries

Point ID	Byte	Value	Contents
AP 00C4 DFHWMS AP Lvl 1	Byte 1, bits 4-7 Field A Field B	X'3'	Entry Message manager request ID (WMSREQID) Data area address (WMSDATAD)
	Byte 1, bits 4-7 Field A Field B, bytes 0-1 bytes 2-3	X'5'	Exit Message manager return code (WMSRC) Data area size (WMSDATSZ) Data length (WMSDATLN)

Table 4 (Page 1 of 2). AP 00C5, DFHXRCF trace entries

Point ID	Byte	Value	Contents
AP 00C5 DFHXRCF AP Lvl 1	Byte 0 Byte 1 Field A Field B	X'00' X'04'	Entry Reserved Reserved
	Byte 0 Field A Field B	X'01'	Exit Reserved Reserved

Table 4 (Page 2 of 2). AP 00C5, DFHXRCR trace entries

Point ID	Byte	Value	Contents
	Byte 0 Field A Field B	X'02'	Resumption of DFHXRCR Reserved Reserved
	Byte 0 Field A Field B	X'03'	Suspension of DFHXRCR Reserved Reserved
	Byte 0 Field A, byte 0 byte 1 bytes 2-3 Field B	X'04'	CIB prefix CIBVERB CIBLEN CIBASID CIB console ID (CIBCONID or CIBXCNID)
	Byte 0 Field A Field B	X'05'	CIB data for modify command CIB data bytes 0-3 CIB data bytes 4-7
	Byte 0 Field A Field B	X'06'	CIB data for modify command - continuation 1 CIB data bytes 8-11 CIB data bytes 12-15
	Byte 0 Field A Field B	X'07'	CIB data for modify command - continuation 2 CIB data bytes 16-19 CIB data bytes 20-23

Table 5 (Page 1 of 2). AP 00C6 DFHXRSP trace entries

Point ID	Byte	Value	Contents
AP 00C6 DFHXRSP AP Lvl 1	Byte 0 Byte 1 Field A Field B	X'00' X'04'	Entry Reserved Reserved
	Byte 0 Field A Field B	X'01'	Exit Reserved Reserved
	Byte 0 Field A Field B	X'02'	Resumption of DFHXRSP Reserved Reserved
	Byte 0 Field A Field B	X'03'	Suspension of DFHXRSP Reserved Reserved
	Byte 0 Field A, byte 0 (XRWERQ)	X'04' X'01' X'02' X'03' X'07' X'08' X'09' X'0A' X'0F' X'10' X'11' X'12' X'13' X'18' X'19'	Work element Signon Signoff normal Signoff abnormal Clock difference changed Status data changed Surveillance signal overdue Surveillance signal resumed Takeover requested Post IA (incipient active) ECB Post TC (takeover complete) ECB Post SS (synchronized with respect to signoff) ECB Post ST (synchronized with respect to termination) ECB CAVM failed Invalidated XRWERQM, implicit request, (SIGNON/SIGNOFFNORM) XRWERQM, DUMP=YES (takeover requested) Reserved A(work element)
	byte 1, bit 0 byte 1, bit 1 bytes 2-3 Field B		
	Byte 0	X'05'	Work element - continuation 1

Table 5 (Page 2 of 2). AP 00C6 DFHXRSP trace entries

Point ID	Byte	Value	Contents
	Field A		XRWEINS instance number
	Field B		XRWEVER version number
	Byte 0	X'06'	Work element - continuation 2
	For sign-on:		
	Field A		APPLID- first four characters
	Field B		APPLID - second four characters
	For clock diff changed:		
	Field A		Lower bound for difference in seconds
	Field B		Upper bound for difference in seconds
	For surveillance signal overdue:		
	Field A		Number of seconds overdue
	For CAVM failed:		
	Field A		Abend code
	Any other event:		
	Field A		Reserved
	Byte 1	X'07'	Abend imminent
	Field A		Abend code
	Field B		Reserved

Table 6 (Page 1 of 2). AP 00C7, DFHXRRA trace entries

Point ID	Byte	Value	Contents
AP 00C7	Byte 1 bits 4-7	X'3'	Entry
DFHXRRA	Field A, byte 0	X'01'	DFHXR CTYPE=INITIALIZE
AP Lvl 1	(XRRQTR)	X'02'	DFHXR CTYPE=TERMINATE
		X'03'	DFHXR CTYPE=SIGNON
		X'04'	DFHXR CTYPE=SIGNOFF
		X'05'	DFHXR CTYPE=QUERY-TAKEOVER-INIT
		X'06'	DFHXR CTYPE=SET-TAKEOVER-INIT
		X'07'	DFHXR CTYPE=WAIT-TAKEOVER-INIT
		X'08'	DFHXR CTYPE=QUERY-TAKEOVER-COMP
		X'08'	DFHXR CTYPE=QUERY-TAKEOVER COMP
		X'09'	DFHXR CTYPE=SET-TAKEOVER-COMP
		X'0A'	DFHXR CTYPE=WAIT-TAKEOVER-COMP
		X'0B'	DFHXR CTYPE=QUERY-RSD-AVAIL
		X'0C'	DFHXR CTYPE=SET-RSD-AVAIL
		X'0D'	DFHXR CTYPE=WAIT-RSD-AVAIL
		X'0E'	DFHXR CTYPE=QUERY-SYNC-SIGNOFF
		X'0F'	DFHXR CTYPE=SET-SYNC-SIGNOFF
		X'10'	DFHXR CTYPE=WAIT-SYNC-SIGNOFF
		X'11'	DFHXR CTYPE=QUERY-SYNC-TERM
		X'12'	DFHXR CTYPE=SET-SYNC-TERM
		X'13'	DFHXR CTYPE=WAIT-SYNC-TERM
		X'18'	DFHXR CTYPE=INIT-SURVEILLANCE
		X'19'	DFHXR CTYPE=TERM-SURVEILLANCE
		X'1A'	DFHXR CTYPE=INIT-CONSOLE-COMM
		X'1B'	DFHXR CTYPE=TERM-CONSOLE-COMM
		X'1C'	DFHXR CTYPE=SET-HEALTH-DATA
	Byte 1 bits 4-7	X'5'	Exit
	Field A, byte 0		See entry trace XRRQTR immediately above
	byte 3		
	(XRRQRC)		
	For DFHXR		
	CTYPE=xxx	X'00'	Normal response
		X'08'	Invalid request
	For DFHXR		
	CTYPE=SIGNON		

Table 6 (Page 2 of 2). AP 00C7, DFHXRA trace entries

Point ID	Byte	Value	Contents
		X'14'	Retry possible
		X'1C'	Rejected by CAVM
	For DFHXR CTYPE=SIGNOFF		
		X'24'	Dump requested
		X'2C'	Rejected by CAVM
	For DFHXR CTYPE=SET-TAKEOVER-INIT		
		X'34'	Takeover in progress
		X'35'	Shutdown in progress
		X'3C'	Rejected by CAVM
	For DFHXR CTYPE=WAIT-RSD-AVAIL		
		X'44'	Restart data set not available

Dynamic transaction backout

Table 7. AP 00CB DFHDBP trace entries

Point ID	Byte	Value	Contents
X'00CB'	Bytes 0-1		Reserved
DFHDBP	Field A		Address of dynamic log
AP Lvl 1	Field B		Address of first DWE, TCADWLBA

Basic mapping support

Table 8. AP 00CD BMS trace entries

Point ID	Byte	Value	Contents
X'00CD'	Bytes 0-1		Reserved
BMS	Field A		First four bytes of temporary storage key
BM Lvl 1	Field B		Next four bytes of temporary storage key

Note: See also trace point AP 00FA.

Recovery control

Table 9 (Page 1 of 2). AP 00CE, DFHRCP trace entries

Point ID	Byte	Value	Contents
AP 00CE	Byte 1, bits 4-7	X'3'	Entry
DFHRCP	Field A, byte 0	X'01'	OPEN
AP Lvl 1	(request type)	X'02'	CLOSE
		X'03'	CONNECT
		X'04'	DISCONNECT
		X'05'	STARTBROWSE
		X'06'	ENDBROWSE
		X'07'	GETNEXT
		X'08'	WRITE
		X'09'	READ
		X'0A'	DELETE
		X'0B'	PURGE
		X'0C'	LOG
		X'0D'	INITIALIZE
		X'0E'	WAITINIT
		X'0F'	RESTART TASK
	byte 1		RCRQRM
	bytes 2-3		Reserved
	Field B		Addr of parm list except when byte 8 is X'0F' - it is then reserved.
	Byte 1, bits 4-7	X'5'	Exit

Table 9 (Page 2 of 2). AP 00CE, DFHRCP trace entries

Point ID	Byte	Value	Contents
	Field A, byte 0 (request type)		Same as on entry trace
	bytes 1-2		Reserved
	byte 3		Response code, RCRQRC
	Field B		Reserved

Basic mapping support

Table 10. AP 00CF, BMS trace entries

Point ID	Byte	Value	Contents
AP 00CF	Bytes 0-1		Reserved
DFHMCP	Field A		Same as for AP 00FA with byte 1, bits 4-7=X'5'
BM Lvl 1			
Note: This trace occurs when an application program issues an EXEC CICS PAGE with RELEASE before the BMS module issues a DFHPC TYPE=RETURN macro to exit from the calling program.			

LU6.2 services manager

Table 11. AP 00D3, DFHLUP trace entries

Point ID	Byte	Value	Contents
AP 00D3	Bytes 0-1		Reserved
DFHLUP	Field A		Reserved
TC Lvl 1	Field B		Reserved

Allocation program

Table 12 (Page 1 of 2). AP 00D6, DFHALP trace entries

Point ID	Byte	Value	Contents
AP 00D6	Byte 1, bits 4-7	X'03'	Entry
DFHALP	Byte 0	X'01'	Unchain
KC Lvl 1	Byte 0	X'02'	BMS TPQ call 2 MCRID
	Field A		
	Byte 0	X'05'	BMS TPR call 2 Address of AID
	Field A		
	Byte 0	X'06'	CRS call 1 Reserved System ID
	Field A		
	Field B		
	Byte 0	X'07'	CRS call 2 Tranid Termid
	Field A		
	Field B		
	Byte 0	X'08'	ICP call 1 Reserved Reserved
	Field A		
	Field B		
	Byte 0	X'09'	ICP call 2 Address of AID Reserved
	Field A		
	Field B		
	Byte 0	X'0A'	BMS TPQ call 1 Normal threshold Adjusted threshold
	Field A		
	Field B		
	Byte 0	X'0C'	BMS TPQ call 3 Msg ID Reserved
	Field A		
	Field B		

Table 12 (Page 2 of 2). AP 00D6, DFHALP trace entries

Point ID	Byte	Value	Contents
	Byte 0 Field A Field B	X'0D'	BMS TPR call 1 (Supplied AID) Addr of TCTTE
	Byte 0 Field A Field B	X'0E'	CRQ call 1 Normal threshold Adjusted threshold
	Byte 0 Field A Field B	X'12'	Schedule Tranid Termid
	Byte 0 Field A Field B	X'14'	Avail Termid Terminal address
	Byte 0 Field A Field B	X'15'	Unavail Termid Terminal address
	Byte 0 Field A Field B	X'16'	Release Termid Terminal address
	Byte 0 Field A Field B	X'17'	Allocate Tranid System address
	Byte 0 Field A Field B	X'18'	Release abnormal Termid Terminal address
	Byte 0, bits 4-7 Field A Field B, byte 0	X'05'	Exit
		X'00'	Reserved
		X'04'	Normal return
	byte 1	X'01'	Error return
	Secondary error code	X'02'	BMS TPQ call 1, no AIDs found
		X'03'	BMS TPQ call 2, no AIDs found
		X'04'	BMS TPQ call 3, no AIDs found
		X'05'	ICP call 1, no AIDs found
		X'06'	ICP call 1, AID found but does not match
		X'0C'	No AID found for generalized locate function
	byte 0	X'0C'	Error return
		X'31'	Error return

Data interchange

Table 13 (Page 1 of 2). AP 00D7, DFHDIP trace entries

Point ID	Byte	Value	Contents
AP 00D7	Byte 1, bits 4-7	X'03'	Entry
DFHDIP	Byte 0	X'01'	ADD
DI Lvl 1		X'02'	ERASE
		X'03'	REPLACE
		X'04'	ABORT
		X'05'	QUERY
		X'06'	END
		X'07'	RECEIVE
		X'08'	NOTE
		X'09'	DETACH
		X'0A'	ATTACH
		X'0B'	SEND
		X'0C'	WAIT
	Byte 1, bits 0-3	X'1'	DSN not specified
		X'2'	Profile specified
		X'4'	SELECT

Table 13 (Page 2 of 2). AP 00D7, DFHDIP trace entries

Point ID	Byte	Value	Contents
	Field A, byte 0	X'8' X'01' X'08' X'10' X'20' X'40' X'80'	VOLADDR WAIT KEYNUMB RRNADDR KEYADDR TYPE=SAVE DEFRESP=YES
	byte 1		Reserved
	byte 2		Value of NUMREC (valid for ADD, ERASE, and REPLACE)
	Field B		TIOA address, TCTTEDA
	Byte 1, bits 4-7	X'05'	Exit
	Field A, bytes 0-1		Return code, TCADIRC
	bytes 2-3		Deferred return code (set by next call to DFHDIP if nonzero)
	Field B, bytes 0-1		System sense code from DFHZNAC
	bytes 2-3		User sense code from DFHZNAC

Abnormal condition program

Table 14 (Page 1 of 2). AP 00DC, DFHACP trace entries

Point ID	Byte	Value	Contents
AP 00DC	Byte 1, bits 4-7	X'3'	Entry
DFHACP	byte 0	X'00'	Abend or invalid transaction
AP Lvl 1		X'81'	Invalid transaction ID
		X'82'	Transaction disabled
		X'83'	End user not authorized - security violation
		X'84'	Invalid tranid during system quiesce
		X'85'	Transaction not executable on requested terminal
		X'86'	Invalid remote transaction ID
		X'87'	ZNAC detected error
		X'88'	I/O error when starting session
		X'89'	Normal termination for DFHACP
		X'8A'	Console not defined
		X'8B'	Program not available
		X'8C'	Terminal profile not available
		X'8D'	XRF recovery process is active
		X'8E'	Remote system out of service
		X'8F'	Dynamic route system not available
		X'90'	All remote sessions are busy
		X'91'	Invalid PIP received with ATTACH
		X'92'	Requested transaction does not support GDS
		X'93'	Invalid conversation type in ATTACH
		X'94'	Invalid SBA in ATTACH
		X'95'	Requested sync point level not supported
		X'96'	Invalid sync point in ATTACH
		X'97'	Invalid ACC in ATTACH
		X'98'	Invalid UOW in ATTACH
		X'99'	Invalid FMH length
		X'9A'	Conversation restart not supported
		X'9C'	Invalid access security subfield length
		X'9D'	Password required but not supplied in FMH
		X'9E'	Invalid ATTACH parameter
		X'9F'	Partner LU security protocol violation
		X'C2'	Invalid non-terminal transaction
		X'C3'	End user not signed on - security violation
		X'C4'	Insufficient resource to start transaction
	Field A		Current transaction
	Field B		Abend code
	Byte 1, bits 4-7	X'5'	Exit
	byte 0	X'00'	Invalid transaction entered at terminal
		X'05'	Transaction abended

Table 14 (Page 2 of 2). AP 00DC, DFHACP trace entries

Point ID	Byte	Value	Contents
		X'06'	Transaction abended, resource backout successful
		X'07'	Resource backout failed
		X'08'	Resource backout abended
		X'10'	Restart rejected - backout had failed
		X'11'	Restart rejected due to abend code
		X'12'	Restart rejected due to terminal I/O
		X'13'	Restart rejected due to prior sync point
		X'14'	Restart rejected at request of user code
		X'81' -	As entry trace
		X'9F'	
		X'C2' -	As entry trace
		X'C4'	
	Field A		Current transaction
	Field B		Abend code

Subtask management program

Table 15. AP 00DE, DFHSKP trace entries

Point ID	Byte	Value	Contents
AP 00DE	Byte 1, bits 4-7	X'3'	Entry
DFHSKP	Field A, byte 0	X'01'	PERFORM
AP Lvl 1	(request type)	X'02'	WAIT
		X'03'	RETURN
		X'04'	TERMINATE
		X'05'	DWE PROCESS
	byte 1	.... ..1	AUTH=YES
	(request modifier)	.... ..1.	CLASS=I/O
		.... ..1..	SAVAREA
		.... ..1...	SYNC=YES
	bytes 2-3		Reserved
	Field B		Address of exit routine if byte 8=X'01', otherwise reserved
	Byte 1, bits 4-7	X'5'	Exit
	Field A, byte 0	X'01'	PERFORM
	(request type)	X'02'	WAIT
		X'03'	RETURN
		X'04'	TERMINATE
		X'05'	DWE PROCESS
	bytes 1-2		Reserved
	byte 3	X'00'	Normal response
	(response code)	X'04'	User code failed
		X'08'	Subtask code failed
		X'0C'	Unable to perform request
		X'10'	Request never completed
		X'14'	Invalid request
		X'18'	Invalid ECB address
		X'1C'	User task canceled
	Field B		Address of parameter list

Intersystem program

Table 16 (Page 1 of 2). AP 00DF, DFHISP trace entries

Point ID	Byte	Value	Contents
AP 00DF	Byte 1, bits 4-7	X'3'	Entry
DFHISP	Field A, byte 0	X'03'	Shut down
IS Lvl 1	(request type)	X'04'	Converse
	bytes 1-2		Reserved
	Field B		TCTSE name
	Byte 1, bits 4-7	X'5'	Exit

Table 16 (Page 2 of 2). AP 00DF, DFHISP trace entries

Point ID	Byte	Value	Contents
	Field A, byte 0 (ISCRQTR)	X'00' X'04' X'08' X'0C'	Successful Retry possible Permanent error Terminal out of service
	bytes 1-3 Field B		Reserved Reserved

Message processor

Table 17. AP 00E0, DFHMGP trace entries

Point ID	Byte	Value	Contents
AP 00E0	Byte 1, bits 4-7	X'3'	Entry
DFHMGP	Field A, byte 0	X'01'	
AP Lvl 1	byte 1	X'01'	CSCS (TD queue)
		X'02'	TIOA to be used
		X'04'	No number to be used
		X'08'	Return the message
		X'10'	Output to console
		X'20'	Output to terminal
		X'40'	CSTL (TD queue)
		X'80'	CSMT (TD queue)
	bytes 2-3 Field B		Message number in binary TCTTE address
	Byte 1, bits 4-7	X'5'	Exit
	Field A, byte 0	X'01'	
	byte 1	X'01'	CSCS (TD queue)
	Field B		TCTTE address
	Field A, byte 1	X'02'	TIOA to be used
	Field B		TIOA address
	Field A, byte 1	X'04'	No number to be used
		X'08'	Return the message
		X'10'	Output to console
		X'20'	Output to terminal
		X'40'	CSTL (TD queue)
		X'80'	CSMT (TD queue)
	bytes 2-3 Field B		Message number in binary TCTTE address

EXEC interface

Table 18. AP 00E1, DFHEIP trace entries

Point ID	Byte	Value	Contents
AP 00E1	Byte 0		Reserved
DFHEIP	Byte 1, bits 0-3	X'0'	Entry
EI Lvl 1	Field A		Value of Register 13: PL/I - DSA Assembler - DFHEISTG COBOL - TGT
	Field B, byte 0		Current execution key
	byte 1		Reserved
	bytes 2-3		Command code, EIBFN
	Byte 0		EIBGDI
	Byte 1, bits 0-3	X'F'	Exit
	Field A		Secondary response, EIBRESP2
	Field B, bytes 0-1		Condition number, EIBRESP (zero indicates normal return)
	bytes 2-3		Command code, EIBFN

Note: See the *CICS User's Handbook* for the values and meanings of RESP, RESP2, and EIBFN fields. Trace entries with an EIBFN byte 0 value greater than X'80' are CICS internal trace entries.

CSD parameter utility program

<i>Table 19. AP 00E2, DFHPUP trace entries</i>			
Point ID	Byte	Value	Contents
AP 00E2	Byte 0		Reserved
DFHPUP	Byte 1, bits 4-7	X'3'	Entry
AP Lvl 1	Field A, bytes 0-1		Function code
		X'F001'	Flatten
		X'F002'	Unflatten
		X'F003'	Trancase
		X'F004'	Backtrans
		X'F005'	Compare
	Field B		Reserved
	Byte 1, bits 4-7	X'5'	Exit
	Field A, byte 3		Response code
		X'00'	Normal response
		X'04'	Warning
		X'08'	Error
		X'0C'	Severe error
		X'10'	Terminating
		X'FC'	Inform
	Field B, bytes 0-3		X'00'

Terminal control

<i>Table 20 (Page 1 of 2). AP 00E6, DFHTCP trace entries</i>			
Point ID	Byte	Value	Contents
AP 00E6	Byte 1, bits 4-7	X'4'	System trace
DFHTCP	Byte 0	X'01'	TCATR1D1
TC Lvl 2	Field A		TCTLE address
	Field B		TCTTE address
	This trace occurs during line scan.		
	Byte 0	X'02'	TCATR1D1
	Field A, byte 0		TCTLES1, line status
	byte 1		TCTLEMI, access method flags
	bytes 2-3		TCTLEAL, input area length
	Field B		TCTLEECB, event control block
	This trace occurs during line scan.		
	Byte 0	X'03'	TCATR1D1
	Field A		TCTLE address
	Field B, bytes 0-1		TCTLETOP, type of operation
		X'0000'	Write break
		X'0000'	Initial image
		X'0001'	Read initial
		X'0002'	Write initial
		X'0003'	Read continue
		X'0004'	Write continue
		X'0005'	Read converse
		X'0006'	Write converse
		X'0006'	Write erase alternate
		X'0008'	Write structured field
		X'0008'	Write +ve ack
		X'0009'	Read inquiry monitor
		X'000A'	Write -ve ack
		X'000A'	Write reset
		X'000A'	Write disconnect
		X'000B'	Write reset monitor
		X'000B'	Read buffer
		X'000C'	Write at line address
		X'000C'	Write initial transparent block
		X'000D'	Write initial converse

Table 20 (Page 2 of 2). AP 00E6, DFHTCP trace entries

Point ID	Byte	Value	Contents
		X'000E'	Write erase
		X'000E'	Write continue transparent block
		X'000F'	Write cont conv
		X'000F'	Read with ID exch
		X'0010'	Write disconnect
		X'0011'	Read modified
		X'0011'	Read connect
		X'0012'	Write initial transparent
		X'0012'	Write unprotected erase
		X'0014'	Write continue transparent
		X'0015'	Read inquiry
		X'0016'	Write inquiry
		X'001A'	Write wait before transmitting
		X'001B'	Read interrupt
		X'001C'	Write connect
		X'0080'	Initial with reset
		X'0081'	Read initial with reset
		X'0082'	Write initial with reset
		X'0086'	Write conv with reset
	bytes 2-3		TCTLEIOL, I/O data length
	This trace occurs at I/O event initiation.		
	Byte 0	X'04'	TCATR1D1
	Field A		See definition of field A for byte 0=X'02'
	Field B		Reserved
DFHTACP	Byte 1, bits 4-7	X'4'	System trace
TC Lvl 2	Byte 0	X'10'	TCATR1D1
	Field A, bytes 0-1		Op code, TCTLETOP
	byte 2		TP code, TCTLETPO
	byte 3		Action flags, TCTLEECB+1 (set by DFHTACP)
	Field B		Terminal ID
	This trace occurs in DFHTACP just prior to transferring control to DFHTEP.		
	Byte 0	X'20'	TCATR1D1
	Field A, byte 0		Completion code, TCTLEECB
	byte 1		BTAM return code, TCTLEECB+3
	byte 2		Error flags, TCTLEPFL
	byte 3		Action flags, TCTLEECB+1 (set by DFHTACP)
	Field B, byte 0		Completion code, TCTLECC
	byte 1		Status byte, TCTLESF
	byte 2		Sense byte, TCTLESB
	byte 3		Sense byte, TCTLESB+1
	This trace occurs in DFHTACP just after returning from DFHTEP.		

Task-related user exit program

Table 21 (Page 1 of 2). AP 00E7, DFHERM trace entries

Point ID	Byte	Value	Contents
AP 00E7	Byte 0	X'00'	Entry application EXEC DLI
DFHERM		X'01'	Entry application
EI Lvl 1		X'02'	Entry syncpoint manager
		X'03'	Entry task control
		X'04'	Entry shutdown
		X'05'	Entry resync in-doubt UOW
		X'06'	Entry EDF
		X'10'	Exit application EXEC DLI
		X'11'	Exit application
		X'12'	Exit syncpoint manager
		X'13'	Exit task control
		X'14'	Exit shutdown
		X'15'	Exit resync in-doubt UOW

Table 21 (Page 2 of 2). AP 00E7, DFHERM trace entries

Point ID	Byte	Value	Contents
		X'16'	Exit EDF
		X'20'	Exception RM unavailable
		X'40'	Event passing control to RM
		X'41'	Event regaining control from RM
		X'99'	Exception point ID not recognized
	Field A		First four bytes of recovery token
	Field B		Last four bytes of recovery token

Table management program

Table 22 (Page 1 of 2). AP 00EA, DFHTMP trace entries

Point ID	Byte	Value	Contents
AP 00EA	Byte 0		Reserved
DFHTMP	Byte 1, bits 4-7	X'3'	Entry
AP Lvl 1	Field A, byte 0		Request type
		X'01'	LOCATE
		X'02'	GET NEXT
		X'03'	GET NEXT ALIAS
		X'04'	ADD
		X'05'	DELETE
		X'06'	ALIAS
		X'07'	LOCK
		X'08'	UNLOCK
	Field B		Address of name
	Field A, byte 0	X'09'	CREATE INDEX
	Field B		Reserved
	Field A, byte 0	X'0A'	INDEX
		X'0B'	QUIESCE
		X'0C'	TRANSFER LOCK
	Field B		Address of name
	Field A, byte 0	X'0D'	DWE
		X'0E'	RESET
	Field B		Reserved
	Field A, byte 1		Request modifier
		00000001	Nonunique elements allowed
		0....01	Unlock previous (GET NEXT only)
		.....1.0	Conditional request
		....1.00	Table element is protected
		...1..00	Table element is not freeable
		.01...00	Do not copy table element
		01000000	Local lock
		10....00	Commit
	byte 2		Table type
		X'01'	PCT
		X'02'	PCTR
		X'03'	PPT
		X'04'	PFT
		X'05'	FCT
		X'06'	DCT
		X'07'	TCTE
		X'08'	TCTN
		X'09'	TCTS
		X'0A'	AFCT
		X'0B'	DSNAME blocks
		X'0C'	DSNAME alternate index
	Byte 1, bits 4-7	X'5'	Exit
	Field A, byte 0		Request type
		X'01'	LOCATE
		X'02'	GET NEXT
		X'03'	GET NEXT ALIAS

Table 22 (Page 2 of 2). AP 00EA, DFHTMP trace entries

Point ID	Byte	Value	Contents
		X'04'	ADD
	Field B		Address of element
	Field A, byte 0	X'05'	DELETE
	Field B		Reserved
	Field A, byte 0	X'06'	ALIAS
	Field B		Address of element
	Field A, byte 0	X'07'	LOCK
		X'08'	UNLOCK
		X'09'	CREATE INDEX
	Field B		Reserved
	Field A, byte 0	X'0A'	INDEX
		X'0B'	QUIESCE
	Field B		Address of element
	Field A, byte 0	X'0C'	TRANSFER LOCK
		X'0D'	DWE
		X'0E'	RESET
	Field B		Reserved
	Field A, byte 2		Table type
		X'01'	PCT
		X'02'	PCTR
		X'03'	PPT
		X'04'	PFT
		X'05'	FCT
		X'06'	DCT
		X'07'	TCTE
		X'08'	TCTN
		X'09'	TCTS
	byte 3		Response code
		X'00'	Normal response
		X'04'	Not found
		X'08'	Duplicate
		X'0C'	Invalid request
		X'10'	Element is busy
		X'14'	Protected entry
		X'18'	Lock held
		X'1C'	Lock noted

Allocation management program

Table 23 (Page 1 of 3). AP 00EB, DFHAMP trace entries

Point ID	Byte	Value	Contents
AP 00EB	Byte 0		Reserved
DFHAMP	Byte 1, bits 4-7	X'3'	Entry
AP Lvl 1	Field A, bytes 0-1		Function code
		X'A001'-	Alter
		X'A019'	
		X'A041'-	Define
		X'A059'	
		X'A060'	Copy
		X'A064'	Rename
		X'A068'	Delete
		X'A070'	Append
		X'A078'	Remove
		X'A07A'	Add
		X'A080'	Lock
		X'A084'	Append
		X'A08A'	Check
		X'A090'	Install
		X'A094'	Begin
		X'A098'	End
		X'A099'	Install list

Table 23 (Page 2 of 3). AP 00EB, DFHAMP trace entries

Point ID	Byte	Value	Contents
		X'A0A0'	Expand group
		X'A0A8'	Display
		X'A0AA'	Expand list
	Field B		Reserved
	Byte 1, bits 4-7	X'5'	Exit
		For function code	
		X'A099'	
	Field A, bytes 1, 3	X'00',X'00'	Normal response
		X'00',X'04'	Some installs failed
		X'00',X'08'	Install errors
		X'01',X'08'	Bad list - retry
		X'00',X'0C'	Severe errors, unable to continue
	Field B	X'00'	Reason
		For function code other than	
		X'A099'	
	Field A, byte 3	X'00'	Normal response
		X'01'	DISPLAY, EXPAND already active
		X'02'	CSD accessing error
		X'03'	Duplicate resource or group
		X'04'	End of display
		X'08'	INSTALL failed
		X'09'	Invalid keyword
		X'0A'	Conflicting keywords
		X'0B'	List is group
		X'0C'	Group or list is locked
		X'0D'	No keyword specified
		X'0E'	After, before group not in list
		X'0F'	DISPLAY, EXPAND not active
		X'10'	GROUP, LIST, RESOURCE not found
		X'11'	DEFINE REPLACE TIMESTAMP conflict
		X'12'	Not allowed
	Field B, byte 3		Reason
		X'00'	No error
		X'01'	AFTER name invalid
		X'02'	BEFORE name invalid
		X'03'	CSD control record corrupt
		X'04'	CSD disabled
		X'05'	Data set ID error
		X'06'	CSD full
		X'07'	CSD READIWRITE error
		X'08'	Cannot CONNECT to CSD
		X'09'	Insufficient function in FCP
		X'0A'	Insufficient function in FCT entry
		X'0B'	CSD not OPEN
		X'0C'	VSAM share options
		X'0D'	VSAM STRNO limit exceeded
		X'0E'	Cannot OPEN CSD
		X'0F'	DISPLAY command not active
		X'10'	EXPAND command active
		X'11'	Group not found
		X'12'	DEFINE created a new group
		X'13'	Groupname invalid
		X'14'	IBM protected
		X'15'	BROWSE, START commands inconsistent
		X'17'	List not found
		X'18'	ADD created a new list
		X'19'	Listname in error
		X'1A'	Group not in list
		X'1B'	Resource not found
		X'1C'	Resource name invalid

Table 23 (Page 3 of 3). AP 00EB, DFHAMP trace entries

Point ID	Byte	Value	Contents
		X'1D'	Resource type invalid
		X'1E'	Locked internally by command in progress
		X'1F'	Group or list locked to you
		X'20'	Group or list not locked
		X'21'	Locked to another user

Definition management program

Table 24 (Page 1 of 2). AP 00EC, DFHDMP trace entries

Point ID	Byte	Value	Contents
AP 00EC	Byte 1, bits 4-7	X'3'	Entry
DFHDMP	Byte 0	X'00'	Router
AP Lvl 1	Field A, bytes 0-1		Function code
		X'D001'	Connect
		X'D002'	Disconnect
		X'D003'	Build key
		X'D004'	Read
		X'D005'	Write
		X'D006'	Delete
		X'D007'	Lock
		X'D008'	Unlock
		X'D009'	Set browse
		X'D00A'	End browse
		X'D00B'	Get next
		X'D00C'	Create set
		X'D00E'	Query set
		X'D00F'	Erase set
		X'D010'	Release KWA
	bytes 2-3		Reserved
	Field B		Reserved
	Byte 0	X'01'	Connect
		X'02'	Disconnect
		X'03'	Write
		X'04'	Read
		X'05'	Delete
		X'06'	(Un)lock
		X'08'	Start browse
		X'09'	Get next
		X'0A'	End browse
		X'0B'	Create set
		X'0D'	Query set
		X'0F'	Access primary control record
		X'10'	Build KWA
		X'11'	Release KWA
		X'12'	Tokenize key
		X'13'	Free tokens
		X'15'	Generic qualify
		X'16'	Seq ordered set
		X'17'	Verify KWA
		X'63'	Adapter
	Field A, bytes 0-1		Function code
		X'D201'	GETMAIN
		X'D202'	FREEMAIN
		X'D203'	FREEFWA
		X'D204'	Get
		X'D205'	Set browse
		X'D206'	Get next
		X'D207'	Get previous
		X'D208'	End browse
		X'D209'	Put

Table 24 (Page 2 of 2). AP 00EC, DFHDMP trace entries

Point ID	Byte	Value	Contents
		X'D20A'	Delete
		X'D20B'	Query CSD
		X'D20C'	Gettime
		X'D20D'	Get task local storage (GETTLS)
		X'D20E'	Wait
		X'D20F'	Load
		X'D210'	Open
		X'D211'	Close
		X'D215'	Free task local storage (FREETLS)
		X'D216'	Unload
	bytes 2-3 Field B		Reserved
			Reserved
	Byte 1, bits 4-7 Field A, byte 3	X'5'	Exit
			Response
		X'00'	Normal response
		X'04'	Warning
		X'08'	Error
		X'0C'	Severe error
		X'0C'	Terminating
	Field B, byte 3		Reason
		X'01'	CSD empty or not initialized
		X'02'	Invalid request
		X'03'	CSD cannot be connected
		X'04'	Set locked to another user
		X'05'	Set is ordered
		X'06'	Set is unordered
		X'07'	Object not found in CSD
		X'09'	CSD is full
		X'0A'	DMP logic error
		X'0B'	Invalid KWA
		X'0C'	Key invalid in set type
		X'0D'	Key invalid in object type
		X'0E'	Key invalid in set name
		X'0F'	Key invalid in object name
		X'10'	Key invalid in set and object names
		X'11'	Generic in set name
		X'12'	Generic in object name
		X'13'	Generic in set and object names
		X'14'	Set invalid, generic in object name
		X'15'	Object invalid, generic in set name
		X'16'	KWA genericdirect, should be alternative
		X'17'	In browse sequence
		X'18'	Getmain failed
		X'19'	After setbrowse with generic set
		X'1A'	After disconnect without updates
		X'1B'	Primary control record overwritten
		X'1C'	FCT entry for CSD disabled
		X'1D'	No more sequence numbers available
		X'1E'	No more RPL threads available
		X'33'	Invalid request returned from adaptor
		X'34'	CICS error
		X'35'	No FCT entry for CSD
		X'36'	Record not found in CSD
		X'37'	Insufficient function in FCP
		X'38'	Insufficient function in FCT
		X'39'	I/O error
		X'3A'	CSD not OPEN
		X'3B'	Illogic returned from FCP
		X'3C'	Invalid flattened parameter list
		X'3F'	DUPREC returned from FCP
		X'46'	Key length of CSD is invalid
		X'47'	Record length of CSD is invalid
		X'48'	CSD is read only

Terminal object resolution

Table 25. AP 00EF, DFHTOR trace entries

Point ID	Byte	Value	Contents	
AP 00EF DFHTOR AP Lvl 1	Byte 1, bits 4-7	X'3'	Entry	
	Byte 0	X'01'	Main program	
	Field A, bytes 0-1		X'E301'	Function code Add
			X'E302'	End lcr
			X'E304'	End luw
			X'E305'	End lu6
			X'E314'	End luw commit
			X'E324'	End luw cancel
				Reserved
	bytes 2-3 Field B		Reserved	
	Byte 0		X'02'	Add nonpooled terminal
			X'03'	Add pooled terminal
			X'04'	Add TYPETERM
			X'05'	Add connection
		X'06'	Add sessions	
		X'07'	End group event 1	
		X'08'	End group event 2	
		X'09'	DWE commit	
		X'0A'	DWE cancel	
		X'0B'	Utility 1	
		X'0C'	Utility 2	
		X'10'	Model retrieval	
		X'11'	Create terminal BPS	
	X'12'	Recovery program		
Byte 1, bits 4-7 Field A, byte 3		X'5'	Exit Response	
		X'00'	Normal response	
		X'04'	Warning	
		X'08'	Error	
		X'0C'	Severe error	
		X'0C'	Terminating	
	Field B, bytes 2-3			Reason
			X'0000'	No error
			X'000D'	Invalid request
			X'00C8'	Start luw
			X'00C9'	Add connection
			X'00CA'	Add pooled terminal
			X'00CB'	Add session
			X'00CC'	Add terminal
		X'00CD'	Add typeterm	
		X'00CE'	End lcr	
		X'00CF'	End lui	
		X'00D0'	End luw cancel	
		X'00D1'	End luw commit	
	X'0130'	Error		

Interval control

Table 26 (Page 1 of 3). AP 00F3, DFHICP trace entries

Point ID	Byte	Value	Contents
AP 00F3 DFHICP IC Lvl 1	Byte 1, bits 4-7	X'3'	Entry
	Byte 0	0001 00..	GETIME
	Field A		Return time to user address, TCAICDA
	Field B		Reserved
Byte 0		0001 ...0	Binary format
		0001 ...1	Packed format

Table 26 (Page 2 of 3). AP 00F3, DFHICP trace entries

Point ID	Byte	Value	Contents
		0001 ..0.	Refresh CSA time only
		0001 ..1.	Return time to user
	Byte 0	0010 ...0	WAIT
	Field A	0011 ...0	POST
	Field B		INTRVAL or TIME value, TCAICRT Reserved
	Byte 0	0010 .00.	No request ID provided
		001. .01.	Request ID prefix in TCAICQPX
		001. .10.	Request ID in TCAICQID
		001. 0...	INTRVAL specified
		001. 1...	TIME specified
	Byte 0	0100	INITIATE
		0101	PUT
		0110	INITIATE
		0111	PUT
	Field A		INTRVAL or TIME value, TCAICRT
	Field B		Reserved
	Byte 0	01.. ...0	Nonterminal dest
		01.. ...1	Terminal dest
		01.. .00.	No request ID supplied
		01.. .01.	Request ID prefix in TCAICQPX
		01.. .10.	Request ID in TCAICQID
		01.. 0...	INTRVAL supplied
		01.. 1...	TIME supplied
	Byte 0	1000 00..	GET
	Field A		User-provided data address
	Field B		Reserved
	Byte 0	1000 ...1	RELEASE=NO
		1000 ..0.	Data address specified
		1000 ..1.	Return address to user
		1000 1...	WAIT specified
		1001 000.	RETRY
		1001 ...1	RELEASE=NO
	Byte 0	1010 0000	RESET
		1011 0000	SCHEDULE
		1100	EXPIRY ANALYSIS
		1101	RECOVERY CALL
	Field A		Reserved
	Field B		Reserved
	Byte 0	1110	Use extended function code
	Field A, byte 0		Function
		X'01'	SEARCH
		X'02'	RESUME_GET_WAITS
	Field B		Reserved
	Byte 0	1111 0.00	CANCEL
		1111 .0..	No request ID provided
		1111 .1..	Request ID specified
	Byte 1, bits 4-7	X'5'	Exit
	Byte 0		Return code
		X'00'	NORESP
		X'01'	ENDDATA
		X'04'	IOERROR
		X'08'	FOUND
		X'11'	TRNIDER
		X'12'	TRMIDER
		X'14'	TSINVLD
		X'20'	EXPIRD
		X'40'	NOT_FOUND (search)

Table 26 (Page 3 of 3). AP 00F3, DFHICP trace entries

Point ID	Byte	Value	Contents
		X'81'	NOTFND
		X'FF'	INVREQ

Temporary storage

Table 27. AP 00F7, DFHTSP trace entries

Point ID	Byte	Value	Contents
AP 00F7	Byte 1	X'03'	Application request
	Byte 0		TCATSTR
		0000 0010	FLUSH
		0010 00..	RELEASE
		010.	PUT
	10.. ..0.	GET	
	Fields A and B		Data identification, TCATSDI
	Byte 1	X'13'	Start of DWE logic
		X'23'	Start of cancel logic
	Byte 1	X'05'	Appl response
	Byte 0	X'0'	NORESP
		X'01'	ENERROR
		X'02'	IDERROR
		X'04'	IOERROR
		X'08'	NOSPACE
		X'20'	INVREQ
	Field A		Reserved
	Field B		Reserved
	Byte 1	X'15'	End of DWE logic
	Byte 1	X'25'	End of cancel logic

Basic mapping support

Table 28 (Page 1 of 4). AP 00FA, DFHBMS trace entries

Point ID	Byte	Value	Contents
AP 00FA	Byte 0	X'00'	
BMS	Byte 1, bits 4-7	X'3'	Entry
BM Lvl 1	Field A, byte 0	X'01'	OPCLASS=operator class
		X'02'	LIST=symbolic address
		X'04'	LIST=ALL
		X'08'	TIME=numeric
		X'10'	INTERVAL=numeric
		X'20'	ERRTERM=termid
		X'40'	ERRTERM=ORIG
		X'80'	TYPE=ROUTE
	byte 1	X'01'	TYPE=PURGE
		X'04'	Send partition set
		X'08'	IOTYPE=IMMED
		X'10'	LDC=mnemonic or YES
		X'20'	REQID=alphanum.
		X'40'	PROPT=NLEOM
		X'80'	TITLE=symbolic address
	byte 2	X'01'	MAPSET=map set name
		X'02'	MSETADR=symbolic address
		X'04'	MAP=map name
		X'08'	CTRL=any 3270 WCC
		X'10'	CURSOR=number
		X'20'	TYPE=TEXT
		X'40'	Receive partition set
		X'80'	TYPE=LAST

Table 28 (Page 2 of 4). AP 00FA, DFHBM trace entries

Point ID	Byte	Value	Contents
	byte 3	X'01'	TYPE=IN
		X'02'	TYPE=ERASE
		X'04'	TYPE=MAP
		X'08'	TYPE=WAIT
		X'10'	MAPADR=symbolic address
		X'20'	TYPE=SAVE
		X'40'	DATA=NO
		X'C0'	DATA=YES
	Field B, byte 0	X'01'	TYPE=RETURN
		X'02'	TYPE=STORE
		X'04'	TYPE=OUT
		X'20'	TYPE=ERASEAUP
		X'40'	OFLOW=symbolic address
		X'80'	TYPE=PAGEBLD
	byte 1	X'01'	EODPURG=OPER
		X'02'	WRBRK=ALL
		X'04'	WRBRK=CURRENT
		X'08'	CTRL=RELEASE
		X'10'	CTRL=RETAIN
		X'20'	CTRL=PAGE
		X'40'	CTRL=AUTOPAGE
		X'80'	TYPE=PAGEOUT
	byte 2	X'01'	TYPE=NOEDIT
		X'04'	Active partition
		X'08'	Out partition
		X'10'	JUSTIFY specified
		X'20'	TRAILER=symbolic address
		X'40'	HEADER=symbolic address
		X'80'	TYPE=TEXTBLD
	byte 3	X'01'	Control
		X'04'	WRBRK=symbolic address
		X'08'	RDATT=symbolic address
		X'10'	FMHPARM=YES or parameter
		X'20'	Request by EXEC interface
		X'40'	Magnetic stripe reader
		X'80'	In partition
	Byte 1, bits 4-7	X'5'	Exit
	Field A, byte 0	X'00'	Normal response
		X'01'	Invalid request
		X'02'	Page returned
		X'04'	I/O area cannot be mapped
		X'08'	Map too large
		X'20'	Invalid error terminal
		X'40'	Route worked, some resolutions
		X'80'	Route failed, no resolutions
	byte 1	X'02'	Partition fail
		X'04'	Invalid partition
		X'08'	Invalid partition set
		X'10'	Invalid LDC mnemonic
		X'80'	Temporary storage I/O error
	byte 2	X'01'	PAGEBLD overflow
		X'02'	Inbound
			FMH in last
			input
		X'04'	End-of-data-set
			in last input
		X'08'	End-of-chain
			in last input

Table 28 (Page 3 of 4). AP 00FA, DFHBMS trace entries

Point ID	Byte	Value	Contents
	byte 3 Field B bytes 0-1 bytes 2-3	X'10' Specified REQID ignored	Terminal code from TCAMSRI1 when byte 0=X'08' Reserved unless field A indicates PAGEBLD overflow when: Current page number (TCAMSPGN) Overflow control number (TCAMSOCN)
	Byte 0 Field A Field B	X'01'	DFHRLR entry Addr(OSPWA) Addr(TCTTE)
	Byte 0 Field A Field B	X'02'	DFHPBP entry Addr(TTP) Addr(TIOA)
	Byte 0 Field A Field B	X'03'	DFHM32 entry Addr(TTP) Addr(TIOA)
	Byte 0 Field A Field B	X'04'	DFHML1 entry Addr(TTP) Addr(TIOA)
	Byte 0 Field A Field B	X'05'	DFHDSB entry Addr(TTP) Addr(TIOA)
	Byte 0 Field A Field B	X'06'	DFHTPP entry Addr(TTP) Addr(TIOA)
	Byte 0 Field A Field B	X'07'	DFHIIP entry Addr(TTP) Addr(TIOA)
	Byte 0 Field A Field B	X'41'	DFHRLR exit Addr(OSPWA) Addr(TIOA)
	Byte 0 Field A Field B	X'42'	DFHPBP exit Addr(TTP) Addr(TIOA)
	Byte 0 Field A Field B	X'43'	DFHM32 exit Addr(TTP) Addr(TIOA)
	Byte 0 Field A Field B	X'44'	DFHML1 exit Addr(TTP) Addr(TIOA)
	Byte 0 Field A Field B	X'45'	DFHDSB exit Addr(TTP) Addr(TIOA)
	Byte 0 Field A Field B	X'46'	DFHTPP exit Addr(TTP) Addr(TIOA)
	Byte 0 Field A Field B	X'47'	DFHIIP exit Addr(TTP) Addr(TIOA)
	Byte 0 Field A, byte 0 byte 1 byte 2 byte 3 Field B, bytes 0-1	X'81'	Query entry 1 TCTE32EF TCTE32E2 TCTE32E3 TCTE32SF TCTEASCZ

Table 28 (Page 4 of 4). AP 00FA, DFHBMS trace entries

Point ID	Byte	Value	Contents
	byte 2		TCTEASCL
	byte 3		TCTEASCC
	Byte 0	X'82'	Query entry 2
	Field A, byte 0		TCTETXTF
	byte 1		TCTTEFMB
	bytes 2-3		Reserved
	Field B, bytes 0-1		TCTECSG1
	bytes 2-3		TCTECSG2

Built-in function

Table 29. AP 00FB, DFHEBF trace entries

Point ID	Byte	Value	Contents
AP 00FB	Byte 0	X'02'	DEEDIT
DFHEBF	Field A, bytes 0-1		Field length
BF Lvl 1	bytes 2-3		Reserved
	Field B		Field address

Terminal control

Table 30 (Page 1 of 3). AP 00FC, Terminal control

Point ID	Byte	Value	Contents
AP 00FC	Byte 0	X'CA'	DFHTRZCP build terminal BPS
DFHZCP	Field A, bytes 0-1		Response
FC Lvl 1	bytes 2-3		Reason
	Field B, bytes 0-1		BPS_RTC
	bytes 2-3		BPS_SUBTYPE
	Byte 0	X'CB'	DFHTRZXP build connection BPS
	Field A, bytes 0-1		Response
	bytes 2-3		Reason
	Field B, bytes 0-1		BPS_RTC
	bytes 2-3		BPS_SUBTYPE
	Byte 0	X'CC'	DFHTRZIP build sessions BPS
	Field A, bytes 0-1		Response
	bytes 2-3		Reason
	Field B, bytes 0-1		BPS_RTC
	bytes 2-3		BPS_SUBTYPE
	Byte 0	X'CD'	DFHTRZYP build type BPS
	Field A, bytes 0-1		Response
	bytes 2-3		Reason
	Field B, bytes 0-1		BPS_RTC
	bytes 2-3		BPS_SUBTYPE
	Byte 0	X'CE'	DFHTRZPP build pool BPS
	Field A, bytes 0-1		Response
	bytes 2-3		Reason
	Field B, bytes 0-1		BPS_RTC
	bytes 2-3		BPS_SUBTYPE
	Byte 0	X'CF'	DFHTRZZP merge terminal and type BPS
	Field A, bytes 0-1		Response
	bytes 2-3		Reason
	Field B, bytes 0-1		BPS_RTC
	bytes 2-3		BPS_SUBTYPE
	Byte 0	X'D3'	DFHZXSTS set logon
	Field A		Reserved
	Field B		Reserved

Table 30 (Page 2 of 3). AP 00FC, Terminal control

Point ID	Byte	Value	Contents
	Byte 0	X'D5'	DFHTCRPS
	Field A, byte 0	'S'	Schedule action
	byte 1	'M'	Give ZXQ0 an error message for display purposes
			Response code
		0	XQ0_RSP_NORMAL
		1	XQ0_RSP_SCHEDULE
		4	XQ0_RSP_ERROR
	Field B		Address of token used to correlate the initiated action and its completion (done by ZNAC)
	Byte 0	X'D6'	DFHTCRPC
	Field A, byte 0	'S'	Schedule action
	byte 1	'M'	Give ZXQ0 an error message for display purposes
			Response code
		0	XQ0_RSP_NORMAL
		1	XQ0_RSP_SCHEDULE
		>4	Error code returned by ZCP RECOVER
	Field B		Address of token used to correlate the initiated action and its completion (done by ZNAC)
	Byte 0	X'D7'	DFHZXRE0 valid on the return/exit trace
	Field A, byte 0		Passnumber
	byte 1		Number of unbound entries
	byte 2		Number of standby-bound entries
	byte 3		Number with TCTEXRE set in error
	Field B		Address of last TCTTE processed if error
	Byte 0	X'D8'	DFHZXQ0 exit trace
	Field A, byte 0		XQ0-REQCODE
		'I'	Initialize
		'A'	Add action
		'P'	Post
		'D'	Drain
	bytes 2-3		XQ0-RESPONSE
		0	Complete
		1	Scheduled
		3	Queued
		4	GMU
		8	Invreq
	Field B		Addr(action)
	Byte 0	X'D9'	DFHZXST exit trace
	Field A, byte 0	X'00'	BIND complete in active
		X'01'	Logon data free in active
		X'02'	UNBIND complete in active
		X'03'	BOUND catch-up in active
		X'05'	UNBOUND catch-up in active
	Field B		Addr(TCTTE)
	Field A, byte 0	X'FC'	Set logon start and modify USERVAR
	Field A, byte 0	X'FD'	Drain session tracking and modify USERVAR
	Field B		Reserved
	Field A, byte 0	X'FE'	REQCODE session tracking in alternate
	byte 1		RESPCODE
		X'0'	Complete
		X'1'	Scheduled
		X'4'	Error
	byte 2		XTR-ST-REQUEST
		X'1'	BIND
		X'2'	Free LOGON data
		X'3'	UNBIND
	byte 3		XTR-ST-FLAGS-1
		1... ..	XRF-capable
	Field B		XTR-XR-SESS-NAME netname

Table 30 (Page 3 of 3). AP 00FC, Terminal control

Point ID	Byte	Value	Contents
	Field A, byte 0 Field B	X'FF'	Action complete in alternate Addr(TCTTE)
	Byte 0	X'DA'	DFHZXTR put/get header
		X'DB'	DFHZXTR put/get key
		X'DC'	DFHZXTR put/get data
	Field A, bytes 0-1	X'0000'	Normal
		X'0401'	XRF inactive
		X'0402'	End of data
		X'0403'	Backup signed off
		X'0801'	Invalid request
		X'0802'	Service closed
		X'0803'	Task canceled
		X'0804'	Length error
		X'0805'	Overlap
		X'0806'	No destination
		X'0807'	Queue busy
		X'0808'	Program check
		X'0809'	Abend
		X'080A'	I/O error
		X'080B'	Format error
		X'080C'	Sequence number error
		X'080D'	System not active
	bytes 2-3		Data length
	Field B, bytes 0-1		Record ID
	byte 2	X'C3'	Type
		X'E2'	Contents
			Status
	byte 3	X'01'	Request ID
		X'02'	Put message
		X'03'	Get message
		X'03'	Put request
		X'02'	Put response

Trace control

Table 31 (Page 1 of 2). AP 00FE, trace control

Point ID	Byte	Value	Contents
AP 00FE	Byte 1, bits 4-7	X'D'	On/off entry
Trace turned on	Byte 0		Reserved
	Byte 1, bits 0-3	X'0'	
	Field A		Images before trace request as follows:
	byte 8		CSATRMF1
	byte 9		CSATRMF2
	byte 10		CSATRMF3
	byte 11		CSATRMF4
	Field B		Images before trace request as follows:
	byte 12		TCATRTR
	byte 13		TCATRID
	byte 14		TCATRMF
	byte 15		TCATRID1
	Byte 1, bits 0-3	X'1'	
	Field A		Images before trace request as follows:
	byte 8		CSATRMF1
	byte 9		CSATRMF2
	byte 10		CSATRMF3
	byte 11		CSATRMF4
	Field B		Images after trace request as follows:

Table 31 (Page 2 of 2). AP 00FE, trace control

Point ID	Byte	Value	Contents
	byte 12		CSATRMF1
	byte 13		CSATRMF2
	byte 14		CSATRMF3
	byte 15		CSATRMF4

Table 32. AP 00FF, trace control

Point ID	Byte	Value	Contents
AP 00FF Trace turned off	Bytes 0 thru 14		As for X'FE'

AP domain trace points – ‘new style’

XPI trace put

Trace point IDs in the range AP 0100 through AP 01FF are reserved for users of the XPI TRACE PUT function.

Trace points in common subroutines

Point ID	Module	Lvl	Type	Data
** FF00	DFHSUWT	** 1	Entry	1 SUWT parameter list
** FF01	DFHSUWT	** 1	Exit	1 SUWT parameter list
** FF02	DFHSUWT	** 1	Before WTO VSE SVC call	1 WTO parameter 2 WTO extension (WPX)
** FF03	DFHSUWT	** 1	After WTO VSE SVC call	1 WTO parameter list 2 WTO extension (WPX)
** FF04	DFHSUWT	** 1	Before WTOR VSE SVC call	1 WTOR parameter list
** FF05	DFHSUWT	** 1	After WTOR VSE SVC call	1 WTOR parameter list
** FF06	DFHSUWT	Exc	WTO operator message exceeded maximum length	1 SUWT parameter list
** FF07	DFHSUWT	Exc	WTOR operator message exceeded maximum length	1 SUWT parameter list
** FF08	DFHSUWT	Exc	Reply area not allocated	1 SUWT parameter list
** FF09	DFHSUWT	Exc	DS call error	1 DSSR parameter list
** FF0A	DFHSUWT	Exc	Unformatted message	1 SUWT parameter list
** FF0B	DFHSUWT	Exc	Invalid route code	1 SUWT parameter list
** FF0C	DFHSUWT	Exc	Invalid descriptor code	1 SUWT parameter list
** FF0D	DFHSUWT	Exc	Line formatting error	1 SUWT parameter list
** FF30	SUME	** 1	Entry	1 SUME parameter list
** FF31	SUME	** 1	Exit	1 SUME parameter list
** FF32	SUME	Exc	Invalid format	1 SUME parameter list
** FF33	SUME	Exc	Invalid function	1 SUME parameter list
** FF34	SUME	Exc	Missing message	1 SUME parameter list
** FF35	MEFO	** 1	Entry	1 MEFO parameter list
** FF36	MEFO	** 1	Exit	1 MEFO parameter list
** FF37	MEFO	Exc	Invalid DBCS format	1 MEFO parameter list
** FF38	MEFO	Exc	Invalid input string	1 MEFO parameter list
** FF39	MEFO	Exc	Emergency format used	1 MEFO parameter list

Note: ** Component is either AP, ME, or LM

Journal archiving services

Point ID	Module	Lvl	Type	Data
AP 0200	DFHJAP	AP 1	Entry	1 JA parameter list
AP 0201	DFHJAP	AP 1	Exit	1 JA parameter list
AP 0203	DFHJAP	AP 1	Before OPEN JACD	1 ACB
AP 0204	DFHJAP	AP 1	After OPEN JACD	1 ACB 2 Register 15
AP 0205	DFHJAP	AP 1	Before CLOSE JACD	1 ACB
AP 0206	DFHJAP	AP 1	After CLOSE JACD	1 ACB 2 Register 15
AP 0207	DFHJAP	AP 1	Before GENCB ACB	1 ACB
AP 0208	DFHJAP	AP 1	After GENCB ACB	1 ACB 2 Register 15
AP 0209	DFHJAP	AP 1	Before GENCB RPL	1 ACB
AP 020A	DFHJAP	AP 1	After GENCB RPL	2 Request parameter list 1 ACB 2 Request parameter list 3 Register 15
AP 020B	DFHJAP	AP 1	Before SHOWCB ACB	1 ACB
AP 020C	DFHJAP	AP 1	After SHOWCB ACB	1 ACB 2 CINV 3 Register 15
AP 020D	DFHJAP	AP 1	Before SHOWCB RPL	1 ACB 2 Request parameter list

Table 34 (Page 2 of 3). Journal archiving services trace points

Point ID	Module	Lvl	Type	Data
AP 020E	DFHJAP	AP 1	After SHOWCB RPL	1 ACB 2 Request parameter list 3 FDBK 4 Register 15
AP 020F	DFHJAP	AP 1	Before GET JACD	1 ACB 2 Request parameter list 3 Record number
AP 0210	DFHJAP	AP 1	After GET JACD	1 ACB 2 Request parameter list 3 Register 15
AP 0211	DFHJAP	AP 1	Before UPDATE JACD	1 ACB 2 Request parameter list 3 Record number
AP 0212	DFHJAP	AP 1	After UPDATE JACD	1 ACB 2 Request parameter list 3 Register 15
AP 0213	DFHJAP	AP 1	Before ENDREQ JACD	1 ACB 2 Request parameter list
AP 0214	DFHJAP	AP 1	After ENDREQ JACD	1 ACB 2 Request parameter list 3 Register 15
AP 0215	DFHJAP	AP 1	Before RDJFCB	1 DCB 2 Parameter list 3 EXIT list
AP 0216	DFHJAP	AP 1	After RDJFCB	1 JFCB 2 Register 15
AP 0217	DFHJAP	AP 2	EXCPAD Entry	1 First 12 bytes of Parameter list 2 RPL 3 First 16 bytes of the IORB
AP 0218	DFHJAP	AP 2	EXCPAD	1 First 12 bytes of Parameter list 2 RPL 3 First 16 bytes of the IORB
AP 0219	DFHJAP	Exc	DSSR Error	1 Response code 2 Reason code 3 First 12 bytes of Parameter list 4 First 16 bytes of IORB
AP 0221	DFHJASP	AP 1	About to process JAW	1 JAW
AP 0222	DFHJASP	AP 1	JAW processing complete	1 JAW
AP 0223	DFHJASP	AP 2	Before VSE Library OPEN	1 DCB
AP 0224	DFHJASP	AP 2	Before VSE Library OPEN	1 DCB 2 Register 15 3 Register 0
AP 0225	DFHJASP	AP 2	Before Power Connection	
AP 0226	DFHJASP	AP 2	After Power Connection	
AP 0229	DFHJASP	AP 2	After Library READ	1 Register 15 2 Register 0 3 Skeletal JCL statement
AP 022A	DFHJASP	AP 2	After WRITE to POWER	1 Register 15 2 Register 0 3 JCL Statement
AP 022B	DFHJASP	AP 2	Before VSE library CLOSE	1 Library DCB
AP 022C	DFHJASP	AP 2	After VSE Library CLOSE	1 Register 15 2 Register 0
AP 022D	DFHJASP	AP 2	Before POWER CLOSE	
AP 022E	DFHJASP	AP 2	After POWER CLOSE	
AP 022F	DFHJASP	AP 1	Entry - subtask initialization	
AP 0230	DFHJASP	AP 1	Exit - subtask termination	
AP 0231	DFHJASP	AP 2	After XPCC Identify	1 Register 15 2 Register 0 3 XPCCB
AP 0232	DFHJASP	AP 2	After XPCC Terminate	1 Register 15 2 Register 0 3 XPCCB
AP 0233	DFHJASP	AP 2	After CONNECT to POWER	1 Register 15 2 Register 0 3 XPCCB
AP 0235	DFHJASP	AP 2	After DISCONNECT from POWER	1 Register 15 2 Register 0 3 XPCCB

Table 34 (Page 3 of 3). Journal archiving services trace points

Point ID	Module	Lvl	Type	Data
AP 0234	DFHJASP	AP 2	After SENDR to POWER	1 Register 15 2 Register 0 3 XPCCB 4 SPL

File control

Table 35 (Page 1 of 4). File control trace points

Point ID	Module	Lvl	Type	Data
AP 0400	DFHAFMT	FC 1	Entry	1 AFMT parameter list
AP 0401	DFHAFMT	FC 1	Exit	1 AFMT parameter list
AP 0402	DFHAFMT	FC 2	Exit	1 FCT entry
AP 0403	DFHAFMT	Exc	Invalid response	1 AFMT parameter list 2 Reason for error
AP 0404	DFHAFMT	Exc	Recovery	1 AFMT parameter list 2 Kernel error data
AP 0410	DFHFCMT	FC 1	Entry	1 FCMT parameter list
AP 0411	DFHFCMT	FC 1	Exit	1 FCMT parameter list
AP 0412	DFHFCMT	FC 2	Exit	1 FCT entry
AP 0413	DFHFCMT	Exc	Invalid response	1 FCMT parameter list 2 Reason for error
AP 0414	DFHFCMT	Exc	Recovery	1 FCMT parameter list 2 Kernel error data
AP 0415	DFHFCMT	Exc	Purged	1 FCMT parameter list
AP 0418	DFHFCDT	FC 1	Entry	1 FCDT parameter list
AP 0419	DFHFCDT	FC 1	Exit	1 FCDT parameter list
AP 041B	DFHFCDT	Exc	Invalid response	1 FCDT parameter list 2 Reason for error
AP 041C	DFHFCDT	Exc	Recovery	1 FCDT parameter list 2 Kernel error data
AP 041E	DFHFCDT	Exc	Purged	1 FCDT parameter list
AP 0420	DFHFCRL	FC 1	Entry	1 FCRL parameter list
AP 0421	DFHFCRL	FC 1	Exit	1 FCRL parameter list
AP 0422	DFHFCRL	FC 2	Exit	1 SHRCTL block
AP 0423	DFHFCRL	Exc	Invalid response	1 FCRL parameter list 2 Reason for error
AP 0424	DFHFCRL	Exc	Recovery	1 FCRL parameter list 2 Kernel error data
AP 0428	DFHFCDTs	FC 2	Entry	1 FCDTS parameter list 2 File name if available
AP 0429	DFHFCDTs	FC 2	Exit	1 FCDTS parameter list 2 File name if available
AP 042A	DFHFCDT	Exc	SDTS Request failure	1 FCDTS parameter list 2 Share Data Tables parameter list
AP 042B	DFHFCDTs	Exc	Invalid response	1 FCDTS parameter list 2 Reason for error
AP 042C	DFHFCDTs	Exc	Recovery	1 FCDTS parameter list 2 Kernel error data
AP 042E	DFHFCDTs	Exc	Purged	1 FCDTS parameter list
AP 0430	DFHFCST	FC 1	Entry	1 FCST parameter list
AP 0431	DFHFCST	FC 1	Exit	1 FCST parameter list
AP 0432	DFHFCST	FC 2	Exit	1 FCT entry
AP 0433	DFHFCST	Exc	Invalid response	1 FCST parameter list
AP 0434	DFHFCST	Exc	Recovery	1 FCST parameter list
AP 0435	DFHFCST	Exc	Disaster	1 FCST parameter list
AP 0436	DFHFCST	Exc	Purged	1 FCST parameter list
AP 0437	DFHFCST	Exc	No LSR pools	1 FCST parameter list
AP 0438	DFHFCST	Exc	Pool not built	1 FCST parameter list 2 Kernel error data
AP 0440	DFHFCDN	FC 1	Entry	1 FCDN parameter list
AP 0441	DFHFCDN	FC 1	Exit	1 FCDN parameter list
AP 0442	DFHFCDN	FC 2	Exit	1 DSNB entry
AP 0443	DFHFCDN	Exc	Invalid response	1 FCDN parameter list
AP 0444	DFHFCDN	Exc	Recovery	1 FCDN parameter list 2 Kernel error data
AP 0445	DFHFCDN	Exc	Disaster	1 FCDN parameter list
AP 0446	DFHFCDN	Exc	Purged	1 FCDN parameter list
AP 0447	DFHFCDN	Exc	Exception	1 FCDN parameter list
AP 0448	DFHFCDTX	FC 1	Entry	1 FCDTX parameter list

Table 35 (Page 2 of 4). File control trace points

Point ID	Module	Lvl	Type	Data
AP 0449	DFHFCDTX	FC 1	Exit	1 FCDTX parameter list
AP 044B	DFHFCDTX	Exc	Invalid response	1 FCDTX parameter list 2 Reason for error
AP 044C	DFHFCDTX	Exc	Recovery	1 FCDTX parameter list 2 Kernel error data
AP 044E	DFHFCDTX	Exc	Purged	1 FCDTX parameter list
AP 0450	DFHFCBF	FC 1	Entry	1 FCBF parameter list
AP 0451	DFHFCBF	FC 1	Exit	1 FCBF parameter list
AP 0453	DFHFCBF	Exc	Invalid response	1 FCBF parameter list 2 Reason for error
AP 0454	DFHFCBF	Exc	Recovery	1 FCBF parameter list 2 Kernel error data
AP 0455	DFHFCBF	Exc	Purged	1 FCBF parameter list
AP 0460	DFHFCJL	FC 1	Entry	1 FCJL parameter list
AP 0461	DFHFCJL	FC 1	Exit	1 FCJL parameter list
AP 0462	DFHFCJL	FC 2	Exit	1 FCT entry
AP 0463	DFHFCJL	Exc	Invalid response	1 FCJL parameter list 2 Reason for error
AP 0464	DFHFCJL	Exc	Recovery	1 FCJL parameter list 2 Kernel error data
AP 0465	DFHFCJL	Exc	Disaster	1 FCJL parameter list 2 JCA communication area
AP 0466	DFHFCJL	Exc	Tmp disaster	1 FCJL parameter list
AP 0467	DFHFCJL	Exc	Purged	1 FCJL parameter list
AP 0468	DFHFCJL	Exc	UNKNOWN_JOURNAL_IN_FCT	1 FCJL parameter list 2 JCA communication area
AP 0469	DFHFCJL	Exc	JOURNAL_LENGTH_ERROR	1 FCJL parameter list 2 JCA communication area
AP 0470	DFHFCFS	FC 1	Entry	1 FCFS parameter list
AP 0471	DFHFCFS	FC 1	Exit	1 FCFS parameter list
AP 0472	DFHFCFS	FC 2	Exit	1 FCT entry
AP 0473	DFHFCFS	Exc	Invalid response	1 FCFS parameter list
AP 0474	DFHFCFS	Exc	Recovery	1 FCFS parameter list 2 Kernel error data
AP 0475	DFHFCFS	Exc	Disaster	1 FCFS parameter list
AP 0480	DFHFCRP	FC 1	Entry	1 FCRP parameter list
AP 0481	DFHFCRP	FC 1	Exit	1 FCRP parameter list
AP 0482	DFHFCRP	FC 2	Exit	1 FCRP parameter list
AP 0483	DFHFCRP	Exc	Invalid response	1 FCRP parameter list
AP 0484	DFHFCRP	Exc	Recovery	1 FCRP parameter list 2 Kernel error data
AP 0485	DFHFCRP	Exc	Disaster	1 FCRP parameter list
AP 0486	DFHFCRP	Exc	FCTE Missing in catalog	1 FCRP parameter list
AP 0492	DFHFCVR	FC 2	Before VSAM call	1 RPL 2 Address of RPL
AP 0493	DFHFCVR	FC 2	After VSAM call	1 RPL 2 Address of RPL
AP 0494	DFHFCVR	Exc	Disaster	
AP 0496	DFHFCVR	Exc	Purged	
AP 04A0	DFHFCBP	FC 1	Entry	1 FCBP parameter list
AP 04A1	DFHFCBP	FC 1	Exit	1 FCBP parameter list
AP 04A2	DFHFCBP	FC 2	Exit	1 FCBP parameter list
AP 04A3	DFHFCBP	Exc	Invalid response	1 FCBP parameter list
AP 04A4	DFHFCBP	Exc	Recovery	1 FCBP parameter list
AP 04A5	DFHFCBP	Exc	CICS logic error in FCBP	1 FCBP parameter list
AP 04A6	DFHFCBP	Exc	Error processing the restart data set	1 FCBP parameter list
AP 04A7	DFHFCBP	Exc	Cannot enable user exits, DFHRCEX cannot be found	1 FCBP parameter list
AP 04B0	DFHFCVS	FC 2	Entry	1 FCFR parameter list 2 File name if available
AP 04B1	DFHFCVS	FC 2	Exit	1 FCFR parameter list 2 File name if available
AP 04B2	DFHFCVS	FC 2	Exit	1 FCFR parameter list
AP 04B3	DFHFCVS	Exc	Invalid request	1 FCFR parameter list
AP 04B4	DFHFCVS	Exc	Recovery	1 FCFR parameter list 2 Kernel error data
AP 04B5	DFHFCVS	Exc	Update request against data sets that failed backout	1 FCFR parameter list
AP 04B6	DFHFCVS	Exc	Purged	1 FCFR parameter list

Table 35 (Page 3 of 4). File control trace points

Point ID	Module	Lvl	Type	Data
AP 04B7	DFHFCVS	Exc	Nonzero VSAM return code	1 FCFR parameter list 2 RPL 3 RPL address 4 File name 5 Transaction name
AP 04B8	DFHFCVS	Exc	Deadlock detected	1 FCFR parameter list 2 VSWA of this task 3 Information about conflicting task: RPL address, task number, task name and FCT name 4 VSWA of conflicting task 5 FRAB involved in conflict 6 Freemained FRTE
AP 04B9	DFHFCVS	Exc	Self deadlock detected	1 FCFR parameter list 2 VSWA of this task 3 Information about conflicting task: RPL address, task number, task name and FCT name 4 VSWA of conflicting task 5 FRAB involved in conflict 6 Freemained FRTE
AP 04BA	DFHFCVS	Exc	Wait for exclusive control	1 FCFR parameter list 2 Information about conflicting task
AP 04C0	DFHFCL	FC 1	BUILD pool	1 Pool number
AP 04C1	DFHFCL	FC 1	DELETE pool	1 Pool number
AP 04C2	DFHFCL	FC 1	Invalid request	
AP 04C3	DFHFCL	FC 1	Normal exit	1 Pool number
AP 04C4	DFHFCL	FC 1	Warning exit	1 Pool number
AP 04C5	DFHFCL	FC 1	Error exit	1 Pool number
AP 04C6	DFHFCM	FC 1	OPEN entry	
AP 04C7	DFHFCM	FC 1	CLOSE entry	
AP 04C8	DFHFCM	Exc	Invalid request	
AP 04C9	DFHFCM	FC 1	Normal exit	
AP 04CA	DFHFCM	FC 1	Warning exit	
AP 04CB	DFHFCM	FC 1	Error exit	
AP 04CC	DFHFCM	FC 1	Disaster exit	
AP 04CD	DFHFCM	Exc	Disaster	
AP 04CE	DFHFVN	FC 1	OPEN entry	1 File name
AP 04CF	DFHFVN	FC 1	CLOSE entry	1 File name
AP 04D0	DFHFVN	Exc	Invalid request	
AP 04D1	DFHFVN	FC 1	Normal exit	1 File name
AP 04D2	DFHFVN	FC 1	Warning exit	1 File name
AP 04D3	DFHFVN	FC 1	Error exit	1 File name
AP 04D4	DFHFVN	FC 1	Disaster exit	1 File name
AP 04D5	DFHFVN	Exc	Disaster	
AP 04D6	DFHFVN	Exc	Purged ACB. GETMAIN detected	
AP 04D7	DFHFCL	Exc	VSAM error	1 Name of VSAM macro 2 VSAM rc from register 15 3 VSAM rc from reg 0 if macro is LOCATE 4 VSAM rc from reg 1 if macro is LOCATE
AP 04D9	DFHFCM	Exc	Purged ACB. GETMAIN detected	
AP 04DA	DFHFCVR	FC 2	Enter UPAD	1 VSAM parameter list 2 VSWA address
AP 04DB	DFHFCVR	FC 2	Exit UPAD	1 VSAM parameter list 2 VSWA address
AP 04E0	DFHF CFR	FC 1	Entry	1 FCFR parameter list
AP 04E1	DFHF CFR	FC 1	Exit	1 FCFR parameter list
AP 04E2	DFHF CFR	FC 2	Exit	1 FCFR parameter list
AP 04E3	DFHF CFR	Exc	Invalid function	1 FCFR parameter list 2 Reason for error
AP 04E4	DFHF CFR	Exc	Recovery	1 FCFR parameter list 2 Kernel error data
AP 04E5	DFHF CFR	Exc	Disaster	1 FCFR parameter list
AP 04E6	DFHF CFR	Exc	Purged	1 FCFR parameter list
AP 04E7	DFHF CFR	Exc	FC restart failed for recovery	1 FCFR parameter list
AP 04F0	DFHFCEI	FC 2	Entry	1 EIEI parameter list 2 EIB
AP 04F1	DFHFCEI	FC 2	Exit	1 EIEI parameter list 2 EIB
AP 04F2	DFHFCEI	Exc	Invalid request	1 EIEI parameter list
AP 04F3	DFHF CRM	FC 1	Entry	1 RMRC parameter list
AP 04F4	DFHF CRM	FC 1	Exit	1 RMRC parameter list
AP 04F5	DFHF CRM	Exc	Invalid request	1 RMRC parameter list

Table 35 (Page 4 of 4). File control trace points

Point ID	Module	Lvl	Type	Data
AP 04F6	DFHFCRM	Exc	Recovery	1 RMRC parameter list 2 Kernel error data
AP 04F8	DFHEFRM	FC 1	Entry	1 RMRC parameter list
AP 04F9	DFHEFRM	FC 1	Exit	1 RMRC parameter list
AP 04FA	DFHEFRM	Exc	Invalid request	1 RMRC parameter list
AP 04FB	DFHEFRM	Exc	Recovery	1 RMRC parameter list 2 Kernel error data

Transaction manager

The following table shows trace entries that support the transaction manager.

Table 36 (Page 1 of 2). AP domain trace entries for transaction manager

Point ID	Module	Lvl	Type	Data
AP 0500	DFHAPPG	AP 1	Entry	1 PGPG Parameter list
AP 0501	DFHAPPG	AP 1	Exit	1 PGPG Parameter list
AP 0502	DFHAPPG	Exc	Invalid Format	1 PGPG Parameter list
AP 0503	DFHAPPG	Exc	Invalid Function	1 PGPG Parameter list
AP 0504	DFHAPPG	Exc	Recovery Entry	1 PGPG Parameter list 2 Kernal Error data
AP 0505	DFHAPPG	Exc	PGEX call failed	1 PGEX Parameter list
AP 0581	DFHAPSI	AP 1	Entry	1 None
AP 0582	DFHAPSI	AP 1	Exit	1 Return code
AP 0583	DFHAPSI	Exc	Add subpool failure	1 DFHSMAD_ARG
AP 0584	DFHAPSI	Exc	GETMAIN failure	1 DFHSMGF_ARG
AP 0585	DFHAPSI	Exc	Define program failure	1 DFHLDLD_ARG
AP 0586	DFHAPSI	Exc	Acquire program failure	1 DFHLDLD_ARG
AP 0587	DFHAPSI	Exc	Add gate failure	1 DFHKEDD_ARG
AP 0588	DFHAPSI	Exc	Add trandef failure	1 DFHXMXD_ARG
AP 0589	DFHAPXM	Exc	GETMAIN failure	1 DFHSMGF_ARG
AP 058A	DFHAPSI	Exc	Wait phase failure	1 DFHDMDM_ARG
AP 058B	DFHAPSI	Exc	Add program failure	1 DFHPGDD_ARG
AP 0590	DFHAPXM	AP 1	Entry	1 DFHAPXM_ARG
AP 0591	DFHAPXM	AP 1	Exit	1 DFHAPXM_ARG
AP 0592	DFHAPXM	Exc	Recovery	1 DFHAPXM_ARG 2 Kernel error data
AP 0593	DFHAPXM	Exc	Invalid format	1 DFHAPXM_ARG
AP 0594	DFHAPXM	Exc	Invalid function	1 DFHAPXM_ARG
AP 0595	DFHAPXM	Exc	TCA GETMAIN failure	1 DFHSMGF_ARG
AP 0596	DFHAPXM	Exc	User GETMAIN failure	1 DFHSMGF_ARG
AP 0597	DFHAPXM	Exc	TCA FREEMAIN failure	1 DFHSMGF_ARG
AP 0598	DFHAPXM	Exc	UOWAT FREEMAIN failure	1 DFHSMGF_ARG
AP 0599	DFHAPXM	AP 1	Dump control block to trace	1 DFHSMGF_ARG
AP 059A	DFHAPXM	AP 2	TCA State	1 TCA
AP 059B	DFHAPXM	Exc	LE370 GETMAIN Failed	1 DFHSMGF_ARG
AP 05A0	DFHAPRM	AP 1	Entry	1 DFHAPRM_ARG
AP 05A1	DFHAPRM	AP 1	Exit	1 DFHAPRM_ARG
AP 05A2	DFHAPRM	Exc	Recovery	1 DFHAPRM_ARG 2 Kernel error data
AP 05A3	DFHAPRM	Exc	Invalid Format	1 None 2 Parameter list
AP 05A4	DFHAPRM	Exc	Invalid Function	1 None 2 Parameter list
AP 05A5	DFHAPRM	Exc	No TCA	1 None 2 Parameter list
AP 05A6	DFHAPRM	Exc	SMGF Failure	1 SMGF Parameter list 2 Parameter list
AP 05A7	DFHAPRM	Exc	PGLD failure	1 PGLD Parameter list 2 Parameter list
AP 05A8	DFHAPRM	Exc	PGLK Failure	1 PGLK Parameter list 2 Parameter list
AP 05B0	DFHTDXM	AP 1	Entry	1 DFHTDXM_ARG
AP 05B1	DFHTDXM	AP 1	Exit	1 DFHTDXM_ARG
AP 05B2	DFHTDXM	Exc	Recovery	1 DFHTDXM_ARG 2 Kernel error data
AP 05B3	DFHTDXM	Exc	Invalid format	1 None
AP 05B4	DFHTDXM	Exc	Invalid function	1 None
AP 05B5	DFHTDXM	Exc	Invalid environment	1 None
AP 05B6	DFHTDXM	Exc	XMIQ failure	1 DFHXMIQ_ARG

Table 36 (Page 2 of 2). AP domain trace entries for transaction manager

Point ID	Module	Lvl	Type	Data
AP 05B7	DFHTDXM	Exc	XMAT failure	1 DFHXMAT_ARG
AP 05B8	DFHTDXM	Exc	Unexpected USXM failure	1 USXM parameter list
AP 05C0	DFHICXM	AP 1	Entry	1 DFHICXM_ARG
AP 05C1	DFHICXM	AP 1	Exit	1 DFHICXM_ARG
AP 05C2	DFHICXM	Exc	Recovery	1 DFHICXM_ARG 2 Kernel error data
AP 05C3	DFHICXM	Exc	Invalid format	1 None
AP 05C4	DFHICXM	Exc	Invalid function	1 None
AP 05C5	DFHICXM	Exc	Invalid environment	1 None
AP 05C6	DFHICXM	Exc	XMIQ failure	1 DFHXMIQ_ARG
AP 05C7	DFHICXM	Exc	XMAT failure	1 DFHXMAT_ARG
AP 05C8	DFHICXM	Exc	SMGF failure	1 DFHSMGF_ARG
AP 05C9	DFHICXM	Exc	Unexpected USXM failure	1 USXM parameter list
AP 05CA	DFHICXM	Exc	Unexpected USAD failure	1 USAD parameter list
AP 05D0	DFHAPNT	AP 1	Entry	1 DFHXMNT_ARG
AP 05D1	DFHAPNT	AP 1	Exit	1 DFHXMNT_ARG
AP 05D2	DFHAPNT	Exc	Recovery	1 DFHXMNT_ARG 2 Kernel error data
AP 05D3	DFHAPNT	Exc	Invalid format	1 None
AP 05D8	DFHAPDN	AP 1	Entry	1 DFHXMDN_ARG
AP 05D9	DFHAPDN	AP 1	Exit	1 DFHXMDN_ARG
AP 05DA	DFHAPDN	Exc	Recovery	1 DFHXMDN_ARG 2 Kernel error data
AP 05DB	DFHAPDN	Exc	Invalid format	1 None
AP 05DC	DFHAPDN	AP 2	Before token	1 DFHAPXDC
AP 05DD	DFHAPDN	AP 2	After token	1 DFHAPXDC
AP 05DE	DFHAPDN	Exc	SMGF failure	1 DFHSMGF_ARG
AP 05DF	DFHAPDN	Exc	KCSC failure	1 DFHKCSC_ARG
AP 05E0	DFHAPATT	AP 1	Entry	1 None
AP 05E1	DFHAPATT	AP 1	Exit	1 None
AP 05E8	DFHAPXME	AP 1	Entry	1 DFHXMER_ARG if error occurs during transaction initialization, or
AP 05E9	DFHAPXME	AP 1	Exit	1 DFHXMPP_ARG if force purge request is issued 1 DFHXMER_ARG if error occurs during transaction initialization, or 1 DFHXMPP_ARG if force purge request is is sued
AP 05EA	DFHAPXME	Exc	Invalid format	1 CDURUN input parameter list
AP 05EB	DFHAPXME	Exc	Invalid function	1 CDURUN input parameter list
AP 05EC	DFHAPXME	Exc	Invalid message	1 DFHXMER_ARG
AP 05ED	DFHAPXME	Exc	Recovery	1 CDURUN input parameter list 2 Kernel error data
AP 05EF	DFHAPXME	Exc	PGLK error	1 DFHPGLK_ARG

AP domain recovery

Table 37 (Page 1 of 2). System recovery trace points

Point ID	Module	Lvl	Type	Data
AP 0701	DFHSRLI	AP 2	Entry	1 SRLI parameter list
AP 0702	DFHSRLI	AP 2	Exit	1 SRLI parameter list
AP 0741	DFHABAB	AP 1	Entry	1 ABAB parameter list
AP 0742	DFHABAB	AP 1	Exit	1 ABAB parameter list
AP 0743	DFHABAB	Exc	Recovery	1 ABAB parameter list 2 Kernel error data
AP 0744	DFHABAB	Exc	Invalid format	1 ABAB parameter list
AP 0745	DFHABAB	Exc	Invalid function	1 ABAB parameter list
AP 0779	DFHSRP	Exc	Abend AEYD	1 Application program name 2 Parameter address 3 ARG0
AP 0780	DFHSRP	Exc	Recovery	1 Kernel error data
AP 0781	DFHSRP	Exc	ASRA abend	1 TCASRDAT ¹ 2 TCAPCSTG ²
AP 0782	DFHSRP	Exc	ASRB abend	3 Kernel error data 1 TCASRDAT ¹ 2 TCAPCSTG ²
AP 0783	DFHSRP	Exc	ASRD abend	3 Kernel error data 1 TCASRDAT ¹ 2 TCAPCSTG ²

Table 37 (Page 2 of 2). System recovery trace points

Point ID	Module	Lvl	Type	Data
AP 0790	DFHSRP	Exc	Program check	1 Kernel error data
AP 0791	DFHSRP	Exc	Operating system abend	1 Kernel error data
AP 0792	DFHSRP	Exc	Runaway task	1 Kernel error data
AP 0793	DFHSRP	Exc	Linkage error	1 Kernel error data
AP 0794	DFHSRP	Exc	Kernel error	1 Kernel error data
AP 0795	DFHSRP	Exc	Error requested	1 Kernel error data
AP 0796	DFHSRP	Exc	Error percolate	1 Kernel error data
AP 0797	DFHSRP	Exc	Error abend requested	1 Kernel error data
AP 0798	DFHSRP	Exc	Error abend percolate	1 Kernel error data
AP 0799	DFHSRP	Exc	Other	1 Kernel error data
AP 079A	DFHSRP	Exc	Deferred abend	1 Kernel error data
Notes:				
1. TCASRDAT contains:				
a. Name of abended program				
b. Kernel error code				
c. Abend offset in program				
d. Flags				
2. TCAPCSTG contains indicator of storage hit.				

LU6.2 transaction routing

Table 38 (Page 1 of 2). LU6.2 transaction routing

Point ID	Module	Lvl	Type	Data
AP 0800	DFHZXRL	IS 1	Entry	1 LUC parameter list
AP 0801	DFHZXRL	IS 2	Subroutine entry	
AP 0802	DFHZXRL	IS 2	Subroutine entry	
AP 080F	DFHZXRL	IS 1	Exit	1 LUC parameter list
AP 0810	DFHZXRL	Exc	Invalid parameter list	1 LUC parameter list
AP 0811	DFHZXRL	Exc	Specified system invalid	1 Remote system entry address 2 LUC parameter list
AP 0812	DFHZXRL	Exc	DFHTC request failed	1 Remote system entry address 2 Relay link TCTTE address 3 LUC parameter list
AP 0813	DFHZXRL	Exc	Surrogate TCTTE not built	1 Remote system entry address 2 Relay link TCTTE address 3 LUC parameter list 4 DFHIS parameter list
AP 0814	DFHZXRL	Exc	Surrogate TCTTE not freed	1 Remote system entry address 2 Relay link TCTTE address 3 Surrogate session entry address 4 LUC parameter list 5 DFHIS Parameter list
AP 0815	DFHZXRL	Exc	Bad response from ALLOCATE	1 Remote system entry address 2 LUC parameter list
AP 0816	DFHZXRL	Exc	Profile not found	1 Remote system entry address 2 LUC parameter list
AP 0817	DFHZXRL	Exc	Link session failed	1 Remote system entry address 2 LUC parameter list
AP 0820	DFHZXRL	Exc	Bad response from FREE LINK	1 Relay link TCTTE address 2 Surrogate session entry address 3 LUC parameter list
AP 0821	DFHZXRL	Exc	CICS error detected	1 Relay link TCTTE address 2 Surrogate session entry address 3 LUC parameter list
AP 0822	DFHZXRL	Exc	CICS error detected	1 Relay link TCTTE address 2 Surrogate session entry address 3 LUC parameter list
AP 0823	DFHZXRL	Exc	Syncpoint or rollback failed	1 Relay link TCTTE address 2 Surrogate session entry address 3 LUC parameter list
AP 0825	DFHZXRL	Exc	CICS error detected	1 Relay link TCTTE address 2 Surrogate session entry address 3 LUC parameter list
AP 0826	DFHZXRL	Exc	CICS error detected	1 Relay link TCTTE address 2 Surrogate session entry address 3 LUC parameter list
AP 0827	DFHZXRL	Exc	Bad response from tos	1 Relay link TCTTE address 2 Surrogate session entry address 3 LUC parameter list

<i>Table 38 (Page 2 of 2). LU6.2 transaction routing</i>				
Point ID	Module	Lvl	Type	Data
AP 0828	DFHZXRL	Exc	State error	1 Relay link TCTTE address 2 Surrogate session entry address 3 LUC parameter list
AP 0829	DFHZXRL	Exc	State error	1 Relay link TCTTE address 2 Surrogate session entry address 3 LUC parameter list
AP 0830	DFHZXRL	Exc	Invalid request	1 LUC parameter list
AP 0840	DFHCRT	IS 1	Entry	
AP 084F	DFHCRT	IS 1	Exit	
AP 0850	DFHZXRT	IS 1	Entry	1 Relay link TCTTE address
AP 0851	DFHZXRT	IS 2	Start of loop	2 LU6.2 session TCTTE address 1 Relay link TCTTE address 2 LU6.2 session TCTTE address 3 LUC parameter list
AP 085F	DFHZXRT	IS 1	Exit	
AP 0860	DFHZXRT	Exc	AOS Converse TC failed	1 Link TCTTE address 2 Terminal TCTTE address 3 LUC parameter list
AP 0861	DFHZXRT	Exc	AOS Signal Invalid on MRO Link	1 Link TCTTE address 2 Terminal TCTTE address 3 LUC parameter list
AP 0862	DFHZXRT	Exc	AOS DFHLUC issue signal failed	1 Link TCTTE address 2 Terminal TCTTE address 3 LUC parameter list
AP 0863	DFHZXRT	Exc	AOS TC Read failed	1 Link TCTTE address 2 Terminal TCTTE address 3 LUC parameter list
AP 0864	DFHZXTR	Exc	AOS TC WRITE failed	1 Link TCTTE address 2 Terminal TCTTE address 3 LUC parameter list
AP 0865	DFHZXRT	Exc	AOS TC WRITE, LAST, WAIT failed	1 Link TCTTE address 2 Terminal address 3 LUC parameter list
AP 0866	DFHZXRT	Exc	DFHLUC FREE failed	1 Link TCTTE address 2 Terminal TCTTE address 3 LUC parameter list
AP 0867	DFHZXRT	Exc	Bad response from FREE LINK TCTTE	1 Relay link TCTTE address 2 LU6.2 session TCTTE address 3 LUC parameter list
AP 086A	DFHZXRT	Exc	Issue Abend for Terminal TCTTE	1 Link TCTTE address 2 Terminal TCTTE address 3 LUC parameter list
AP 086B	DFHZXRT	Exc	Issue abend on MRO link failed	1 Link TCTTE address 2 Terminal TCTTE address 3 LUC parameter list
AP 086C	DFHZXRT	Exc	Abend Issue for LU6.2 link	1 Link TCTTE address 2 Terminal TCTTE address 3 LUC parameter list
AP 086D	DFHZXRT	Exc	Abend Issue for MRO link	1 Link TCTTE address 2 Terminal TCTTE address 3 LUC parameter list
AP 086E	DFHZXRT	Exc	ISSUE PREPARE failed	1 Link TCTTE address 2 Terminal TCTTE address 3 LUC parameter list
AP 086F	DFHZXRT	Exc	ISSUE SIGNAL failed	1 Relay link TCTTE address 2 LU6.2 session TCTTE address 3 LUC parameter list
AP 0870	DFHZXRT	Exc	Bad rc from Terminal receive	1 Link TCTTE address 2 Terminal TCTTE address 3 LUC parameter list
AP 0871	DFHZXRT	Exc	Bad rc from Terminal send	1 Link TCTTE address 2 Terminal TCTTE address 3 LUC parameter list

DM gate service module

<i>Table 39 (Page 1 of 2). DM gate service module trace points</i>				
Point ID	Module	Lvl	Type	Data
AP 0900	DFHAPDM	AP 1	Entry	1 DMDM parameter list
AP 0901	DFHAPDM	AP 1	Exit	1 DMDM parameter list

Table 39 (Page 2 of 2). DM gate service module trace points

Point ID	Module	Lvl	Type	Data
	DFHAPSIP			
	DFHSIC1			
	DFHSIH1			
AP 0902	DFHAPDM	Exc	Logic error	1 DMDM parameter list
AP 0903	DFHAPDM	Exc	Invalid function	1 DMDM parameter list
AP 0904	DFHAPSIP	Exc	Insufficient storage	1 SMGF parameter list
AP 0905	DFHAPSIP	Exc	Unable to define subpools	1 SMAD parameter list
AP 0906	DFHAPDM	Exc	Invalid format	1 DMDM parameter list
AP 0907	DFHAPDM	Exc	Recovery entered	1 DMDM parameter list 2 Kernel error data
AP 0908	DFHAPDM	Exc	Already initialized	1 DMDM parameter list
AP 0909	DFHAPDM	Exc	Loader domain call failed	1 LDLD parameter list
	DFHAPSIP			
AP 090A	DFHAPDM	Exc	Insufficient storage for load	1 DMDM parameter list
AP 090C	DFHAPSIP	Exc	SMGF call failed	1 SMGF parameter list
AP 090D	DFHAPSIP	Exc	KEDD call failed	1 KEDD parameter list
AP 090E	DFHAPSIP	Exc	PAGP call failed	1 PAGP parameter list
AP 090F	DFHAPSIP	Exc	Insufficient storage	1 SMGF parameter list
AP 0910	DFHAPSIP	AP 1	Entry	1 APAP parameter list
AP 0911	DFHAPSIP	AP 1	Exit	1 APAP parameter list
AP 0912	DFHAPSIP	Exc	Inconsistent SIT release level	1 APAP parameter list
AP 0913	DFHAPSIP	Exc	Invalid SIT length	1 APAP parameter list
AP 0914	DFHAPSIP	Exc	Invalid function	1 APAP parameter list
AP 0915	DFHAPSIP	Exc	Invalid SIT address	1 APAP parameter list
AP 0916	DFHSIPLT	AP 1	Entry	
AP 0917	DFHSIPLT	AP 1	Exit	1
AP 0918	DFHSIPLT	Exc	DSSR call failed	1 DSSR parameter list
AP 0919	DFHSIPLT	Exc	Unexpected PGLD response	1 PLGD parameter list
AP 091A	DFHSIPLT	Exc	Kernal Error Recovery Entry	1 Kernal Error Data
AP 091B	DFHSIPLT	Exc	Logic Error	
AP 0920	DFHAPIQ	AP 1	Entry	1 Parameter list
AP 0921	DFHAPIQ	AP 1	Exit	1 Parameter list
AP 092C	DFHSII1	Exc	DMDM wait failed	1 DMDM wait parameter list
AP 091D	DFHSII1	Exc	Not authorised	1 Userid
AP 091E	DFHSII1	Exc	Unexpected return code from	1 Userid
AP 091F	DFHSII1	Exc	Unexpect error from User Domain	1 Userid
AP 0923	DFHSII1	AP 1	Obtain etoken failed	1 USXM parameter list
AP 0924	DFHSII1	Exc	Delete user failed	1 USAD parameter list
AP 0925	DFHSIPLT	Exc	CPLT security update failed	1 USXM parameter list
AP 0926	DFHSIPLT	Exc	Severe error	

XRF takeover

Table 40 (Page 1 of 2). XRF takeover–signon and signoff

Point ID	Module	Lvl	Type	Data
AP 0A00	DFHSUSX	AP 1	Entry	1 SUSX parameter list
AP 0A01	DFHSUSX	AP 1	Exit	1 SUSX parameter list
AP 0A02	DFHSUSX	Exc	Unable to produce key from TCTTE	1 TCTTE 2 ZXTR buffer 3 ZC make key response
AP 0A03	DFHSUSX	Exc	Key longer than expected	1 TCTTE 2 ZCTR buffer
AP 0A04	DFHSUSX	Exc	Unsuccessful locate	1 ZXTR buffer as received by alternate
AP 0A05	DFHSUSX	AP 2	Data	1 TCTTE
AP 0A06	DFHSUSX	Exc	Unable to unlock TCTTE	1 ZXTR buffer as received by alternate
AP 0A07	DFHCSSC	AP 1	Data	1 Number of TCTTEs eligible for signoff during takeover
AP 0A10	DFHXRCP	AP 1	Entry	
AP 0A11	DFHXRCP	AP 1	Exit	
AP 0A12	DFHXRCP	AP 1	End of 2 second wait	
AP 0A13	DFHXRCP	AP 1	About to wait 2 seconds	
AP 0A14	DFHXRCP	AP 1	Input XPPC command	1 Input buffer
AP 0A15	DFHXRCP	AP 1	Input command	1 Input buffer
AP 0A21	DFHXRSR	AP 1	Entry	
AP 0A22	DFHXRSR	AP 1	Resumption of task	
AP 0A23	DFHXRSR	AP 1	Suspend module	
AP 0A24	DFHXRSR	AP 1	Exit	
AP 0A25	DFHXRSR	Exc	TCRP task restart failed	1 Return code
AP 0A26	DFHXRSR	AP 1	Trace request	1 Parameter list

AP 0Bxx

Table 40 (Page 2 of 2). XRF takeover–signon and signoff

Point ID	Module	Lvl	Type	Data
AP 0A27	DFHXRSP	Exc	Takeover by alternate requested	1 Return code
AP 0A28	DFHXRSP	Exc	Active CICS CAVM has failed	1 Return Code
AP 0A29	DFHXRSP	Exc	CAVM has failed	1 Return code
AP 0A2A	DFHXRSP	Exc	CICS Invalidated	1 Return code

Data tables

Table 41 (Page 1 of 3). Data tables trace points

Point ID	Module	Lvl	Type	Data
AP 0B01	DFHDTOC	FC 2	Entry	1 Function CLOSE, STATISTICS only: 2 Table token 3 File name OPEN only: 2 File name
AP 0B02	DFHDTOC	FC 2	Exit	1 Function 2 Table token 3 File name 4 Response and reason codes
AP 0B03	DFHDTRD	FC 2	Entry	1 Key 2 File name
AP 0B04	DFHDTRD	FC 2	Exit	1 Response and reason codes 2 Record address 3 Record length
AP 0B05	DFHDTES	FC 2	Entry	1 Function ADD, ADD RECORD, REPLACE, DELETE only: 2 Qualifier 3 Key 4 File name ADD, ADD RECORD, REPLACE only: 5 Input record address 6 Input record length
AP 0B06	DFHDTES	FC 2	Exit	COMMIT, BACKOUT only: 2 UOW token 1 Function 2 Response and reason codes ADD, ADD RECORD, REPLACE, DELETE only: 3 Record address 4 Record length
AP 0B0A	DFHDTRE	Exc	Unrecognized function on call to DFHDTRE	1 DFHDTPPS parameter list
AP 0B0B	DFHDTRR	Exc	Unrecognized function on call to DFHDTRR	1 DFHDTPPS parameter list
AP 0B0C	DFHDTRD	Exc	Unrecognized function on call to DFHDTRD	1 DFHDTPPS parameter list
AP 0B0D	DFHDTST	Exc	Unrecognized function on call to DFHDTST	1 DFHDTPPS parameter list
AP 0B0E	DFHDTSS	Exc	Unrecognized function on call to DFHDTSS	1 DFHDTPPS parameter list
AP 0B0F	DFHDTRC	Exc	Unrecognized function on call to DFHDTRC	1 DFHDTPPS parameter list
AP 0B10	DFHDTRI	Exc	Error on initializing record management	1 Response and reason 2 Error code
AP 0B11	DFHDTST	Exc	Error on record manager OPEN	1 Response and reason 2 Error code
AP 0B12	DFHDTST	Exc	Error on record manager CLOSE	1 Response and reason 2 Error code
AP 0B13	DFHDTRR	FC 2	Entry	1 Function 2 Qualifier flags 3 Table connect token 4 Key address GET_DIRECT, GET_SEQUENTIAL only: 5 Record buffer address 6 Record buffer length 7 Record token if supplied
AP 0B14	DFHDTRR	FC 2	Exit	1 Function 2 Response and reason codes 3 Error code 4 Qualifier flags 5 Table connect token POINT only: 6 Output key address if supplied GET_DIRECT,GET_SEQUENTIAL only: 6 Output record length 7 Output key address if supplied

Table 41 (Page 2 of 3). Data tables trace points

Point ID	Module	Lvl	Type	Data
AP 0B15	DFHDTRR	Exc	Unexpected error on call to retrieval PC	1 Response and reason 2 Error code
AP 0B19	DFHDTLI	Exc	Error calling data-tables SVC	1 Response and reason 2 Error code
AP 0B1A	DFHDTRI	Exc	Error calling data-tables SVC	1 Response and reason 2 Error code
AP 0B1B	DFHDTINS	FC 2	Entry	1 Function 2 Qualifier flags
AP 0B1C	DFHDTINS	FC 2	Exit	1 Function 2 Response and reason codes 3 Error code 4 Qualifier flags 5 Global token
AP 0B1D	DFHDTSS	FC 2	Entry	1 Function 2 Global token 3 Applid
AP 0B1E	DFHDTSS	FC 2	Exit	1 Function 2 Response and reason codes 3 Error code
AP 0B1F	DFHDTLA	FC 2	Entry	4 Time-stamp address 1 Function 2 Qualifier flags 3 Table token
AP 0B20	DFHDTLA	FC 2	Exit	4 File name for table 1 Function 2 Response and reason codes 3 Error code 4 Qualifier flags 5 Table token 6 File name for table 7 Load ID
AP 0B21	DFHDTST	FC 2	Entry	1 Function OPEN, CLOSE, STATISTICS only: 2 File name SET_ENABLEMENT only: 2 Qualifier flags 3 File name 4 Path token CLOSE, STATISTICS only: 3 Path token OPEN only: 3 Source data set name 4 Table size 5 UMT and other flags 6 Base token
AP 0B22	DFHDTST	FC 2	Exit	1 Function 2 Response and reason codes 3 Error code OPEN, CLOSE, STATISTICS only: 4 Path token SET_ENABLEMENT only: 4 Qualifier flags 5 Path token OPEN only: 5 Base token 6 File name STATISTICS only: 5 14 statistics fields
AP 0B23	DFHDTRE	FC 2	Entry	1 Function 2 Qualifier flags 3 File name for table 4 Key GET_DIRECT, GET_SEQUENTIAL only: 5 Record buffer address 6 Record buffer length 7 Record token if supplied

AP 0Bxx

<i>Table 41 (Page 3 of 3). Data tables trace points</i>				
Point ID	Module	Lvl	Type	Data
AP 0B24	DFHDTRE	FC 2	Exit	<ul style="list-style-type: none"> 1 Function 2 Response and reason codes 3 Error code 4 Qualifier flags 5 File name for table POINT only: 6 Output key if returned GET_DIRECT, GET_SEQUENTIAL only: 6 Output record length 7 Output key if returned
AP 0B25	DFHDTUP	FC 2	Entry	<ul style="list-style-type: none"> 1 Function ADD, ADD RECORD, REPLACE, DELETE only: 2 Qualifier flags 3 File name for table 4 Key ADD RECORD, ADD, REPLACE only: 5 Record address 6 Record length ADD, REPLACE only: 7 Record token if supplied DELETE only: 5 Record token if supplied COMMIT, BACKOUT only: 2 UOW token END_LOAD only: 2 File name for table
AP 0B26	DFHDTUP	FC 2	Exit	<ul style="list-style-type: none"> 1 Function 2 Response and reason codes 3 Error code ADD, ADD RECORD, REPLACE, DELETE only: 4 Qualifier flags 5 File name for table ADD, REPLACE, DELETE only: 6 Record token if returned END_LOAD only: 4 File name of table
AP 0B27	DFHDTST	Exc	CLOSE could not find table block	1 Table block address
AP 0B28	DFHDTST	Exc	CLOSE could not find file block	1 File block address
AP 0B29	DFHDTSS	Exc	Error calling DT SVC	<ul style="list-style-type: none"> 1 Function 2 Response and reason 3 Error code
AP 0B2A	DFHDTRC	Exc	Error calling DT SVC	<ul style="list-style-type: none"> 1 Function 2 Response and reason 3 Error code
AP 0B2B	DFHDTUP	Exc	XDTRD exit returned invalid record length	1 length returned
AP 0B2C	DFHDTRC	Exc	Connect index exceeds maximum supported size	1 connect index
AP 0B2D	DFHDTRC	FC 2	Entry	<ul style="list-style-type: none"> 1 Function 2 Global token CONNECT only: 3 Remote file name 4 Remote applid DISCONNECT only: 3 Table connect token
AP 0B2E	DFHDTRC	FC 2	Exit	<ul style="list-style-type: none"> 1 Function 2 Response and reason codes 3 Error code CONNECT only: 4 Remote file name 5 Remote applid 6 Table connect token DISCONNECT only: 4 Table connect token
AP 0B2F	DFHDTLA	Exc	Disastrous error acquiring common storage to pass parameters to loading transaction	1 SM error code

File control

Table 42. File control trace points

Point ID	Module	Lvl	Type	Data
AP 0B50	DFHFCAT	FC 1	Entry	1 FCAT parameter list
AP 0B51	DFHFCAT	FC 1	Exit	1 FCAT parameter list
AP 0B52	DFHFCAT	Exc	Invalid Request	1 FCAT parameter list
AP 0B53	DFHFCAT	Exc	Invalid Function	1 FCAT parameter list
AP 0B54	DFHFCAT	Exc	Recovery	1 FCAT parameter list 2 Kernal error data
AP 0B55	DFHFCAT	Exc	Change TCB mode failed	1 FCAT parameter list
AP 0B56	DFHFCAT	Exc	Fuzzy Backup not allowed	1 FCAT parameter list
AP 0B57	DFHFCAT	Exc	Inquire SMS failed	1 FCAT parameter list 2 BWO RC 3 BWO RS 4 Problem Details
AP 0B58	DFHFCAT	Exc	File not known	1 FCAT parameter list
AP 0B59	DFHFCAT	Exc	Recovery Failure	1 FCAT parameter list 2 BWO RC 3 BWO RS
AP 0B5A	DFHFCAT	Exc	Set Recovery Point failed	4 BWO Problem Details 1 FCAT parameter list 2 BWO RC 3 BWO RS
AP 0B5B	DFHFCAT	Exc	Set Disabled Failed	4 BWO problem details 1 FCAT parameter list 2 BWO RC 3 BWO RS
AP 0B5C	DFHFCAT	Exc	Inquire Enabled failed	4 BWO problem details 1 FCAT parameter list 2 BWO RC 3 BWO RS
AP 0B5D	DFHFCAT	Exc	Set Enable failed	4 BWO problem details 1 FCAT parameter list 2 BWO RC 3 BWO RS
AP 0B5E	DFHFCAT	Exc	Restore Fuzzy Recover on available	4 BWO problem details 1 FCAT parameter list
AP 0B5F	DFHFCAT	Exc	Foward Recovery not available	1 FCAT parameter list
AP 0B60	DFHFCSD	FC 1	Entry	1 FCSD Parameter list
AP 0B61	DFHFCSD	FC 1	Exit	1 FCSD Parameter list
AP 0B62	DFHFCSD	Exc	Invalid format	1 FCSD Parameter list
AP 0B63	DFHFCSD	Exc	Invalid function	1 FCSD Parameter list
AP 0B64	DFHFCSD	Exc	Recovery	1 FCSD Parameter list
AP 0B65	DFHFCSD	Exc	File close error	1 FCSD Parameter list
AP 0B66	DFHFCSD	Exc	TM get next failed	1 FCSD Parameter list

Common Programming Interface

<i>Table 43 (Page 1 of 7). Common Programming Interface</i>				
Point ID	Module	Lvl	Type	Data
AP 0C01	DFHCPIN1	CP 1	Entry	1 CPIN parameter list
AP 0C02	DFHCPIN1	CP 1	Exit	1 CPIN parameter list
AP 0C03	DFHCPIN1	Exc	The point where failure of CPI initialization is detected	1 SSACPI 2 CPI static storage area
AP 0C05	DFHCPIN2	CP 1	Entry	1 SSACPI 2 CPI static storage area
AP 0C06	DFHCPIN2	CP 1	Exit	1 SSACPI 2 CPI static storage area
AP 0C07	DFHCPIN2	Exc	The point where failure of CPI initialization is detected	1 SSACPI 2 CPI static storage area
AP 0C0A	DFHCPI	CP 1	Immediately the copied parameter list has been established	1 Contents of R0 2 USER_PLIST 3 USER_PLIST_COPY 4 Caller's return address, copied from R14
AP 0C0B	DFHCPI	CP 1	Immediately on return from the called CPI module	1 Contents of R0 2 USER_PLIST 3 USER_PLIST_COPY 4 Caller's return address, copied from R14
AP 0C0C	DFHCPI	Exc	Unsupported CPI verb	1 Contents of R0
AP 0C0D	DFHCPI	Exc	Verb with more than 8 parameters	1 Contents of R0
AP 0C0E	DFHCPI	Exc	CPI not initialized	1 Contents of R0
AP 0C20	DFHCPCRW	CP 1	Receive_and_Wait entry	1 Conversation ID 2 Buffer address 3 Requested length
AP 0C21	DFHCPCRW	CP 1	Receive_and_Wait exit	1 Data received 2 Received length 3 Status received 4 REQUEST_TO_SEND received 5 Address of CPC 6 Return code
AP 0C22	DFHCPCRI	CP 1	Receive_Immediate entry	1 Conversation ID 2 Buffer address 3 Requested length
AP 0C23	DFHCPCRI	CP 1	Receive_Immediate exit	1 Data received 2 Received length 3 Status received 4 REQUEST_TO_SEND received 5 Address of CPC 6 Return code
AP 0C24	DFHCPCN1	CP 1	Send_and_Buffer entry	1 Conversation ID 2 Buffer address 3 Send length
AP 0C25	DFHCPCN1	CP 1	Send_and_Buffer exit	1 Address of CPC 2 REQUEST_TO_SEND received 3 Return code
AP 0C26	DFHCPCN2	CP 1	Send_and_Flush entry	1 Conversation ID 2 Buffer address 3 Send length
AP 0C27	DFHCPCN2	CP 1	Send_and_Flush exit	1 Address of CPC 2 REQUEST_TO_SEND received 3 Return code
AP 0C28	DFHCPCN3	CP 1	Send_Prep_to_Receive entry	1 Conversation ID 2 Buffer address 3 Send length
AP 0C29	DFHCPCN3	CP 1	Send_Prep_to_Receive exit	1 Address of CPC 2 REQUEST_TO_SEND received 3 Return code
AP 0C2A	DFHCPCN4	CP 1	Send_Confirm entry	1 Conversation ID 2 Buffer address 3 Send length
AP 0C2B	DFHCPCN4	CP 1	Send_Confirm exit	1 Address of CPC 2 REQUEST_TO_SEND received 3 Return code
AP 0C2C	DFHCPCN5	CP 1	Send_and_Deallocate entry	1 Conversation ID 2 Buffer address 3 Send length
AP 0C2D	DFHCPCN5	CP 1	Send_and_Deallocate exit	1 Address of CPC 2 REQUEST_TO_SEND received 3 Return code

Table 43 (Page 2 of 7). Common Programming Interface

Point ID	Module	Lvl	Type	Data
AP 0C2E	DFHCPCOJ	CP 1	Output_Journaling entry	1 Conversation ID 2 Address of CPC 3 Buffer address 4 Send length
AP 0C2F	DFHCPCOJ	CP 1	Output_Journaling exit	
AP 0C30	DFHCPCFS	CP 2	CPI-C finite state machine entry	1 Conversation ID 2 Address of CPC 3 Call type 4 Verb name 5 Return code
AP 0C31	DFHCPCFS	CP 2	CPI-C finite state machine exit	1 Conversation ID 2 Address of CPC 3 Response 4 New state
AP 0C32	DFHCPCFS	Exc	Unrecognized CPI-C finite machine request	1 Conversation ID 2 Address of CPC 3 Call type 4 Verb name
AP 0C33	DFHCPCFS	Exc	Unrecognized CPI-C return code	1 Conversation ID 2 Address of CPC 3 Call type 4 Verb name 5 Return code
AP 0C34	DFHCPCFS	Exc	Unrecognized return code for verb	1 Conversation ID 2 Address of CPC 3 Call type 4 Verb name 5 Return code
AP 0C35	DFHCPCFS	Exc	Invalid state setting request	1 Conversation ID 2 Address of CPC 3 Call type 4 Verb name 5 Return code 6 CPC
AP 0C36	DFHCPCFS	Exc	Unrecognized state setting	1 Conversation ID 2 Address of CPC 3 Call type 4 Verb name 5 Return code 6 symbol
AP 0C37	DFHCPCFS	Exc	Unrecognized verb	1 Conversation ID 2 Address of CPC 3 Call type 4 Verb name 5 Return code
AP 0C40	DFHCPCCLC	CP 2	CPI-C/LUC interface program entry	1 Call type 2 Address of CPC 3 Buffer address 4 Buffer length
AP 0C41	DFHCPCCLC	CP 2	CPI-C/LUC interface program exit	1 Received length 2 Status received 3 Complete LL received 4 REQUEST_TO_SEND received 5 Return code
AP 0C42	DFHCPCCLR	CP 2	Return code conversion entry	1 DFHLUC plist 2 CPC
AP 0C43	DFHCPCCLR	CP 2	Return code conversion exit	1 Return code
AP 0C46	DFHCPCCLM	CP 2	Create GDS records program entry	1 Buffer address 2 Buffer length
AP 0C47	DFHCPCCLM	CP 2	Create GDS records program exit	1 Send list 2 Send list length 3 LLID field 4 LL field
AP 0C48	DFHCPCCLC	Exc	Invalid call type	1 Call type
AP 0C49	DFHCPCCL*	Exc	Incorrect response from DFHLUC	1 DFHLUC plist 2 CPC 3 Field name in error 4 Detecting module
AP 0C4A	DFHCPCCLM	Exc	Data longer than two GDS records	1 Buffer address 2 Buffer length
AP 0C4B	DFHCPCCLC	Exc	Unrecognized indicator	1 RTSR indicator 2 REQUEST_TO_SEND received

Table 43 (Page 3 of 7). Common Programming Interface

Point ID	Module	Lvl	Type	Data
AP 0C4C	DFHCPCLR	Exc	Conversion state error	1 DFHLUC plist 2 CPC
AP 0C4D	DFHCPCLR	Exc	Unrecognized response from DFHLUC	1 DFHLUC plist 2 CPC
AP 0C4E	DFHCPCLR	Exc	Low-level logic error detected	1 DFHLUC plist 2 CPC
AP 0C51	DFHCPCLR	Exc	Task purge detected	1 DFHLUC plist 2 CPC
AP 0C60	DFHCPCRW	Exc	input_journaling routine	1 Address of CPC 2 Conversation ID
AP 0C61	DFHCPCOJ	Exc	Journaling request for a BASIC conversation	1 Address of CPC 2 Conversation ID
AP 0C62	DFHCPCOJ	Exc	abend_from_output_journaling routine	1 Address of CPC 2 Conversation ID 3 DFHJC response
AP 0C63	DFHCPCRW	Exc	abend_from_input_journaling	1 Address of CPC 2 Conversation ID 3 DFHJC response
AP 0C64	DFHCPCRW	Exc	bad_resp_from_CPCRx routine	1 Address of CPC 2 Requested length 3 Data received 4 Received length 5 Status received 6 REQUEST_TO_SEND received 7 Return code
AP 0C65	DFHCPCRW	Exc	check_appl_buffer routine	1 Conversation ID 2 Address of CPC 3 Buffer address
AP 0C66	DFHCPCN1	Exc	check_appl_data_addressability routine	1 Conversation ID 2 Address of CPC 3 Buffer address
AP 0C67	DFHCPCN2	Exc	check_appl_data_addressability routine	1 Conversation ID 2 Address of CPC 3 Buffer address
AP 0C68	DFHCPCN3	Exc	check_appl_data_addressability routine	1 Conversation ID 2 Address of CPC 3 Buffer address
AP 0C69	DFHCPCN4	Exc	check_appl_data_addressability routine	1 Conversation ID 2 Address of CPC 3 Buffer address
AP 0C6A	DFHCPCN5	Exc	check_appl_data_addressability routine	1 Conversation ID 2 Address of CPC 3 Buffer address
AP 0C6B	DFHCPCRI	Exc	input_journaling routine	1 Address of CPC 2 Conversation ID
AP 0C6C	DFHCPCRI	Exc	abend_from_input_journaling	1 Address of CPC 2 Conversation ID 3 DFHJC response
AP 0C6D	DFHCPCRI	Exc	bad_resp_from_CPCRx routine	1 Address of CPC 2 Requested length 3 Data received 4 Received length 5 Status received 6 REQUEST_TO_SEND received 7 Return code
AP 0C6E	DFHCPCRI	Exc	check_appl_buffer routine	1 Conversation ID 2 Address of CPC 3 Buffer address
AP 0C70	DFHCPARH	CP 1	Entry	1 CPCC parameter list
AP 0C71	DFHCPARH	CP 1	Exit	1 CPCC parameter list 2 First 10 bytes of Parameter 1 3 First 10 bytes of parameter 2 4 First 10 bytes of parameter 3 5 First 10 bytes of parameter 4 6 First 10 bytes of parameter 5 7 First 10 bytes of parameter 6 8 First 10 bytes of parameter 7
AP 0C72	DFHCPCEA	CP 2	Extract_Conversation_Type entry	1 Conversation ID 2 Entry
AP 0C73	DFHCPCEA	CP 2	Extract_Conversation_Type exit	1 Address of CPC 2 Exit conversation type 3 Return code

Table 43 (Page 4 of 7). Common Programming Interface

Point ID	Module	Lvl	Type	Data
AP 0C74	DFHCPCEB	CP 2	Extract_Mode_Name entry	1 Conversation ID
AP 0C75	DFHCPCEB	CP 2	Extract_Mode_Name exit	1 Address of CPC 2 Mode name 3 Mode name length 4 Return code
AP 0C76	DFHCPEEC	CP 2	Extract_Partner_LU_Name entry	1 Conversation ID
AP 0C77	DFHCPEEC	CP 2	Extract_Partner_LU_Name exit	1 Address of CPC 2 Partner LU name 3 Partner LU name length 4 Return code
AP 0C78	DFHCPCED	CP 2	Extract_Sync_Level entry	1 Conversation ID
AP 0C79	DFHCPCED	CP 2	Extract_Sync_Level exit	1 Address of CPC 2 Sync level 3 Return code
AP 0C7A	DFHCPCSA	CP 2	Set_Conversation_Type entry	1 Conversation ID
AP 0C7B	DFHCPCSA	CP 2	Set_Conversation_Type exit	2 Conversation type 1 Address of CPC 2 Return code
AP 0C7C	DFHCPCSB	CP 2	Set_Deallocate_Type entry	1 Conversation ID
AP 0C7D	DFHCPCSB	CP 2	Set_Deallocate_Type exit	2 Deallocate type 1 Address of CPC 2 Return code
AP 0C7E	DFHCPCSC	CP 2	Set_Error_Direction entry	1 Conversation ID
AP 0C7F	DFHCPCSC	CP 2	Set_Error_Direction exit	2 Error direction 1 Address of CPC 2 Return code
AP 0C80	DFHCPCSD	CP 2	Set_Fill entry	1 Conversation ID
AP 0C81	DFHCPCSD	CP 2	Set_Fill exit	2 Fill 1 Address of CPC 2 Return code
AP 0C82	DFHCPCSE	CP 2	Set_Log_Data entry	1 Conversation ID
AP 0C83	DFHCPCSE	CP 2	Set_Log_Data exit	2 Log data 3 Log data length 1 Address of CPC 2 Return code
AP 0C84	DFHCPCSF	CP 2	Set_Mode_Name entry	1 Conversation ID
AP 0C85	DFHCPCSF	CP 2	Set_Mode_Name exit	2 Mode name 3 Mode name length 1 Address of CPC 2 Return code
AP 0C86	DFHCPCSG	CP 2	Set_Partner_LU_Name entry	1 Conversation ID
AP 0C87	DFHCPCSG	CP 2	Set_Partner_LU_Name exit	2 Partner LU name 3 Partner LU name length 1 Address of CPC 2 Return code
AP 0C88	DFHCPCSH	CP 2	Set_Prepare_To_Receive_ entry	1 Conversation ID
AP 0C89	DFHCPCSH	CP 2	Set_Prepare_To_Receive_ exit	2 Prepare_to_receive type 1 Address of CPC 2 Return code
AP 0C8A	DFHCPCSI	CP 2	Set_Receive_Type entry	1 Conversation ID
AP 0C8B	DFHCPCSI	CP 2	Set_Receive_Type exit	2 Receive type 1 Address of CPC 2 Return code
AP 0C8C	DFHCPCSJ	CP 2	Set_Return_Control entry	1 Conversation ID
AP 0C8D	DFHCPCSJ	CP 2	Set_Return_Control exit	2 Return control 1 Address of CPC 2 Return code
AP 0C8E	DFHCPCSK	CP 2	Set_Send_Type entry	1 Conversation ID
AP 0C8F	DFHCPCSK	CP 2	Set_Send_Type exit	2 Send type 1 Address of CPC 2 Return code
AP 0C90	DFHCPCSL	CP 2	Set_Sync_Level entry	1 Conversation ID
AP 0C91	DFHCPCSL	CP 2	Set_Sync_Level exit	2 Sync level 1 Address of CPC 2 Return code
AP 0C92	DFHCPCSM	CP 2	Set_TP_Name entry	1 Conversation ID
AP 0C93	DFHCPCSM	CP 2	Set_TP_Name exit	2 TP name 3 TP name length 1 Address of CPC 2 Return code
AP 0C94	DFHCPCAC	CP 2	Accept_Conversation entry	

Table 43 (Page 5 of 7). Common Programming Interface

Point ID	Module	Lvl	Type	Data
AP 0C95	DFHCPCAC	CP 2	Accept_Conversation exit	1 Conversation ID 2 Address of CPC 3 Return code
AP 0C96	DFHCPCAL	CP 2	Allocate entry	1 Conversation ID
AP 0C97	DFHCPCAL	CP 2	Allocate exit	1 Address of CPC 2 Return code
AP 0C98	DFHCPCCM	CP 2	Confirm entry	1 Conversation ID
AP 0C99	DFHCPCCM	CP 2	Confirm exit	1 Address of CPC 2 REQUEST_TO_SEND received 3 Return code
AP 0C9A	DFHCPCCD	CP 2	Confirmed entry	1 Conversation ID
AP 0C9B	DFHCPCCD	CP 2	Confirmed exit	1 Address of CPC 2 Return code
AP 0C9C	DFHCPCDE	CP 2	Deallocate entry	1 Conversation ID
AP 0C9D	DFHCPCDE	CP 2	Deallocate exit	1 Address of CPC 2 Return code
AP 0C9E	DFHCPCFL	CP 2	Clear entry	1 Conversation ID
AP 0C9F	DFHCPCFL	CP 2	Clear exit	2 Address of CPC 3 Return code
AP 0CA0	DFHCPCIC	CP 2	Initialize_Conversation entry	1 SYM_DEST name
AP 0CA1	DFHCPCIC	CP 2	Initialize_Conversation exit	1 Conversation ID 2 Address of CPC 3 Return code 4 CPC
AP 0CA2	DFHCPCPR	CP 2	Prepare_To_Receive entry	1 Conversation ID
AP 0CA3	DFHCPCPR	CP 2	Prepare_To_Receive exit	1 Address of CPC 2 Return code
AP 0CA4	DFHCPCRV	CP 2	Receive entry	1 Conversation ID 2 Buffer address 3 Requested length
AP 0CA5	DFHCPCRV	CP 2	Receive exit	1 Data received 2 Received length 3 Status received 4 REQUEST_TO_SEND received 5 Address of CPC 6 Return code
AP 0CA6	DFHCPCRS	CP 2	Request_To_Send entry	1 Conversation ID
AP 0CA7	DFHCPCRS	CP 2	Request_To_Send exit	1 Address of CPC 2 Return code
AP 0CA8	DFHCPCND	CP 2	Send_Data entry	1 Conversation ID 2 Buffer address 3 Send length
AP 0CA9	DFHCPCND	CP 2	Send_Data exit	1 Address of CPC 2 REQUEST_TO_SEND received 3 Return code
AP 0CAA	DFHCPCNE	CP 2	Send_Error entry	1 Conversation ID
AP 0CAB	DFHCPCNE	CP 2	Send_Error exit	1 Address of CPC 2 REQUEST_TO_SEND received 3 Return code
AP 0CAC	DFHCPCTE	CP 2	Test_Request_To_Send_Received entry	1 Conversation ID
AP 0CAD	DFHCPCTE	CP 2	Test_Request_To_Send_Received exit	1 Address of CPC 2 REQUEST_TO_SEND received 3 Return code
AP 0CAE	DFHCPCEE	CP 2	Extract_Conversation_State entry	1 Conversation ID
AP 0CAF	DFHCPCETE	CP 2	Extract_Conversation_State exit	1 Address of CPC 2 Conversation state 3 Return code
AP 0CB0	DFHCPCRA	CP 2	Receive mapped data entry	1 Conversation ID 2 Address of CPC 3 Address of buffer 4 Requested length
AP 0CB1	DFHCPCRA	CP 2	Receive mapped data exit	1 Conversation ID 2 Address of CPC 3 Data received 4 Received length 5 Status received 6 REQUEST_TO_SEND received 7 Return code
AP 0CB2	DFHCPCRB	CP 2	Receive GDS header entry	1 Conversation ID 2 Address of CPC 3 Call type

Table 43 (Page 6 of 7). Common Programming Interface

Point ID	Module	Lvl	Type	Data
AP 0CB3	DFHCPCRB	CP 2	Receive GDS header exit	1 Conversation ID 2 Address of CPC 3 Concatenation indicator 4 Data length in next record 5 Status received 6 REQUEST_TO_SEND received 7 Return code
AP 0CB4	DFHCPCRC	CP 2	Receive basic data entry	1 Conversation ID 2 Address of CPC 3 Address of buffer 4 Requested length
AP 0CB5	DFHCPCRC	CP 2	Receive basic data exit	1 Conversation ID 2 Address of CPC 3 Data received 4 Received length 5 Status received 6 REQUEST_TO_SEND received 7 Return code
AP 0CB6	DFHCPCRB	Exc	Unrecognized call type	1 Conversation ID 2 Address of CPC 3 Call type
AP 0CB7	DFHCPCRB	Exc	Invalid LL received	1 Conversation ID 2 Address of CPC 3 LL
AP 0CB8	DFHCPCRB	Exc	Invalid GDS ID received	1 Conversation ID 2 Address of CPC 3 ID
AP 0CC0	DFHCPARH	Exc	Bad_CPIC_call	1 CPCC parameter list
AP 0CC1	DFHCPARH	Exc	Invalid_parm_number	1 CPCC parameter list
AP 0CC2	DFHCPIIC	Exc	Bad_resp_from_CPCBA routine	1 Response 2 Detecting module
AP 0CC3	DFHCPIIC	Exc	Bad_resp_from_CPCBI routine	1 Response 2 Detecting module
AP 0CC4	DFHCPIIC	Exc	Bad_resp_from_CPCBL routine	1 Conversation ID 2 Response 3 Detecting module
AP 0CC5	DFHCPIIC	Exc	Bad_resp_from_CPCBS routine	1 Conversation ID 2 Address of CPC 3 Response 4 Detecting module
AP 0CC6	DFHCPIIC	Exc	Bad_resp_from_CPCFS routine	1 Conversation ID 2 Address of CPC 3 Response 4 Detecting module 5 CPC
AP 0CC7	DFHCPIIC	Exc	Bad_resp_from_CPCLC routine	1 Conversation ID 2 Address of CPC 3 Response block 4 Detecting module 5 CPC 6 Call type
AP 0CC8	DFHCPIIC	Exc	Unexpected_reset_state routine	1 Conversation ID 2 Address of CPC 3 Detecting module 4 CPC
AP 0CC9	DFHCPIIC	Exc	Corrupted_CPC routine	1 Conversation ID 2 Address of CPC 3 Detecting module 4 CPC
AP 0CD0	DFHCPSRH	CP 1	Entry	1 CPSP parameter list 2 DFHLUC plist 3 CPC
AP 0CD1	DFHCPSRH	CP 1	Exit	1 CPSP parameter list 2 DFHLUC plist 3 CPC
AP 0CD2	DFHCPSRH	Exc	Invalid_LUC_Parameter_list	1 DFHLUC plist
AP 0CD3	DFHCPSRH	Exc	Invalid_CPC	1 CPC
AP 0CD4	DFHCPSRH	Exc	Unexpected_ZUSR_State_error	1 DFHLUC plist 2 CPC
AP 0CDA	DFHCPIIR	CP 1	Entry	1 CPCC parameter list
AP 0CDB	DFHCPIIR	Exc	Bad_CPIR_call	1 CPCC parameter list
AP 0CDC	DFHCPIIR	Exc	Invalid_parm_number	1 CPCC parameter list

Table 43 (Page 7 of 7). Common Programming Interface

Point ID	Module	Lvl	Type	Data
AP 0CDD	DFHCPIR	Exc	Bad_return_code	1 CPCC parameter list 2 Syncpoint return code
AP 0CDE	DFHCPIR	CP 1	Exit	1 CPCC parameter list 2 Response
AP 0CE0	DFHCPCBI	Exc	Blank netname	1 SYM_DEST name 2 PRFS parameter list
AP 0CE1	DFHCPCBI	Exc	Blank TP name	1 SYM_DEST name 2 PRFS parameter list
AP 0CE2	DFHCPCBI	Exc	Task purge detected	
AP 0CE3	DFHCPCBS	Exc	Invalid CPC address	1 Address of CPC
AP 0CE4	DFHCPCBS	Exc	Invalid log data length	1 Address of CPC 2 Log data length
AP 0CE5	DFHCPCBS	Exc	Task purge detected	
AP 0CE6	DFHCPCBL	Exc	CPC chain corrupted	1 Conversation ID
AP 0CE7	DFHCPCBA	Exc	Unrecognized sync level	1 Address of TCTTE 2 TCTESP
AP 0CE8	DFHCPCBA	Exc	Task purge detected	
AP 0CE9	DFHCPCBA	Exc	Incorrect response from DFHLUC	1 DFHLUC plist 2 Field name in error
AP 0CEA	DFHCPCBD	Exc	Null CPC pointer	1 Address of CPC
AP 0CED	DFHCPCBD	Exc	CPC chain for this task is empty	1 Address of CPC
AP 0CEE	DFHCPCBD	Exc	CPC chain corrupted	
AP 0CF0	DFHCPCBI	CP 2	Create_CPC initialization entry	1 SYM_DEST name
AP 0CF1	DFHCPCBI	CP 2	Create_CPC initialization exit	1 Output conversation ID 2 Address of CPC 3 Response code 4 CPC
AP 0CF2	DFHCPCBA	CP 2	Create_CPC accept entry	
AP 0CF3	DFHCPCBA	CP 2	Create_CPC accept exit	1 Output conversation ID 2 Address of CPC 3 Response
AP 0CF4	DFHCPCBS	CP 2	Set_CPC_Log_Data entry	1 Address of CPC 2 Log data length 3 Address of log data
AP 0CF5	DFHCPCBS	CP 2	Set_CPC_Log_Data exit	1 Response
AP 0CF6	DFHCPCBL	CP 2	Locate_CPC entry	1 Input conversation ID
AP 0CF7	DFHCPCBL	CP 2	Locate_CPC exit	1 Address of CPC 2 Response 3 CPC
AP 0CF8	DFHCPCBD	CP 2	Delete_conversation entry	1 Address of CPC
AP 0CF9	DFHCPCBD	CP 2	Delete_conversation exit	
AP 0CFA	DFHCPCBB	CP 2	Increment_Last_convid entry	
AP 0CFB	DFHCPCBB	CP 2	Increment_Last_convid exit	1 Conversation ID
AP 0CFC	DFHCPCBG	CP 2	Initialize_CPC entry	1 Address of CPC
AP 0CFD	DFHCPCBG	CP 2	Initialize_CPC exit	
AP 0CFE	DFHCPCBE	CP 2	Extract_syncpoint_rc entry	1 Address of CPC
AP 0CFF	DFHCPCBE	CP 2	Extract_syncpoint_rc exit	1 Response

CICS OS/2 mirror program

Table 44. CICS OS/2 mirror program

Point ID	Module	Lvl	Type	Data
AP 0E00	DFHCHS	IS 2	Entry	
AP 0E01	DFHCHS	IS 2	Exit	
AP 0E02	DFHCHS	IS 2	SEND REQUEST NOACK LAST	
AP 0E03	DFHCHS	IS 2	SEND RESPONSE NOACK LAST	
AP 0E04	DFHCHS	IS 2	SEND RESPONSE ACK NOT LAST	
AP 0E05	DFHCHS	IS 2	SEND NEGATIVE ACK	
AP 0E06	DFHCHS	IS 2	SEND ACK	
AP 0E07	DFHCHS	IS 2	RECV RESPONSE NOACK LAST	
AP 0E08	DFHCHS	IS 2	RECV REQUEST NOACK LAST	
AP 0E09	DFHCHS	IS 2	RECV REQUEST ACK NOT LAST	
AP 0E0A	DFHCHS	IS 2	RECV NEGATIVE ACK	
AP 0E0B	DFHCHS	IS 2	RECV ACK	
AP 0E10	DFHCHS	IS 2	SERF AND PLIST	1 Copy of Service Request Function (SERF) block descriptor
AP 0E11	DFHCHS	IS 2	SEND UNENCODED DATA	1 VSI header
AP 0E12	DFHCHS	IS 2	SEND ENCODED DATA	1 TIOA data beginning address
AP 0E13	DFHCHS	IS 2	RESEND ENCODED DATA	1 TIOA data beginning address
AP 0E14	DFHCHS	IS 2	RECV ENCODED DATA	1 VSI header
AP 0E15	DFHCHS	IS 2	RECV UNENCODED DATA	1 TIOA data beginning address
AP 0E20	DFHCHS	IS 2	DATA SHORT	
AP 0E21	DFHCHS	IS 2	UNKNOWN DATA ORIGIN	
AP 0E22	DFHCHS	IS 2	CHECKSUM FAILED	

Autoinstall terminal model manager

Table 45. Autoinstall terminal model manager

Point ID	Module	Lvl	Type	Data
AP 0F01	DFHAIRP	AP 1	Entry	1 AIRP parameter list
AP 0F02	DFHAIRP	AP 1	Exit	1 AIRP parameter list
AP 0F03	DFHAIRP	Exc	Initialization failed	1 AIRP parameter list
AP 0F08	DFHAITM	AP 1	Entry	1 AITM parameter list
AP 0F09	DFHAITM	AP 1	Exit	1 AITM parameter list
AP 0F0A	DFHAITM	Exc	Catalog write failed	1 AITM parameter list
AP 0F0B	DFHAITM	Exc	Catalog delete failed	1 AITM parameter list
AP 0F10	DFHAIIN	AP 1	Entry	1 AIIN parameter list
AP 0F11	DFHAIIN	AP 1	Exit	1 AIIN parameter list
AP 0F18	DFHAIIQ	AP 1	Entry	1 AIIQ parameter list
AP 0F19	DFHAIIQ	AP 1	Exit	1 AIIQ parameter list

Partner resource manager

Table 46. Partner resource manager

Point ID	Module	Lvl	Type	Data
AP 0F20	DFHPRIN1	AP 1	Entry	1 PRIN parameter list
AP 0F21	DFHPRIN1	AP 1	Exit	1 PRIN parameter list
AP 0F22	DFHPRIN1	Exc	The point where failure of partner initialization is detected	1 SSAPRM 2 Partner static storage area
AP 0F24	DFHPRIN2	AP 1	Entry	1 SSAPRM 2 Partner static storage area
AP 0F25	DFHPRIN2	AP 1	Exit	1 SSAPRM 2 Partner static storage area
AP 0F26	DFHPRIN2	Exc	The point where failure of partner initialization is detected	1 SSAPRM 2 Partner static storage area
AP 0F30	DFHPRPT	AP 1	Entry	1 PRPT parameter list
AP 0F31	DFHPRPT	AP 1	Exit	1 PRPT parameter list
AP 0F32	DFHPRRP	AP 1	Entry	1 PRRP parameter list
AP 0F33	DFHPRRP	AP 1	Exit	1 PRRP parameter list
AP 0F34	DFHPRFS	AP 1	Entry	1 PRFS parameter list
AP 0F35	DFHPRFS	AP 1	Exit	1 PRFS parameter list
AP 0F36	DFHPRCM	AP 1	Entry	1 PRCM parameter list
AP 0F37	DFHPRCM	AP 1	Exit	1 PRCM parameter list

Front end programming interface (FEPI)

All FEPI trace entries are in the AP domain (X'1200' through X'16FF') and under the control of SZ level 1. Unless indicated otherwise, the trace data areas are "Internal areas"—these are object code only (OCO) control blocks.

<i>Table 47 (Page 1 of 8). FEPI trace entries</i>				
Point ID	Module	Lvl	Type	Data area
AP 1200	DFHESZ	SZ 1	Entry	1 Static area 2 Parameter list 3 Static area
AP 1201	DFHESZ	SZ 1	Exit	1 Command code 2 Return code 3 Reason code 4 Parameter list 5 Static area
AP 1220	DFHEIQSZ	SZ 1	Entry	1 Command code 2 Parameter list 3 Static code
AP 1221	DFHEIQSZ	SZ 1	Exit	1 Command code 2 Return code 3 Reason code 4 Parameter list 5 Static area
AP 1240	DFHSZATR	SZ 1	Entry	1 Command code 2 Argument list descriptor 3 Static area
AP 1241	DFHSZATR	SZ 1	Exit	1 Command code 2 Argument list descriptor 3 Response code 4 Reason code 5 Static area
AP 1242	DFHSZATR	SZ 1	Keyword error	1 Keyword descriptor 2 Keyword descriptor
AP 1243	DFHSZAT	SZ 1	Before RM	1 Request Queue Element - Private Prefix and External Area only 2 Request Input Area 3 Request Queue Element or 'SUPPRESSED DUE TO CONFDATA=HIDETC IN SIT'
AP 1244	DFHSZAT	SZ 1	After RM	1 Request Queue Element - Private Prefix and External Area only 2 Request Output Area 3 Request Queue Element or 'SUPPRESSED DUE TO CONFDATA=HIDETC IN SIT'
AP 1245	DFHSZATR	SZ 1	Before XSZBRQ	1 User exit parameter list
AP 1246	DFHSZATR	SZ 1	After XSZBRQ	1 User exit parameter list
AP 1247	DFHSZATR	SZ 1	Before XSZARQ	1 User exit parameter list
AP 1248	DFHSZATR	SZ 1	After XSZARQ	1 User exit parameter list
AP 1250	DFHSZATR	SZ 1	GETMAIN failure	1 Subpool token 2 SMGF parameter list 3 Return code 4 Response code 1 DSSR parameter list
AP 1251	DFHSZATR	SZ 1	WAIT failure	1 DSSR parameter list
AP 1260	DFHSZSIP	SZ 1	Entry	1 Static area
AP 1261	DFHSZSIP	SZ 1	Exit	1 Static area
AP 1262	DFHSZSIP	SZ 1	FEPI(NO) in SIT	1 Static area
AP 1263	DFHSZSIP	SZ 1	FEPI inflight	1 Static area
AP 1264	DFHSZSIP	SZ 1	DFHSZENQRMI ENQ failure	1 DFHKC return code 2 Static area
AP 1265	DFHSZSIP	SZ 1	SM subpool failure	1 SP name 2 SMAD response 3 SMAD reason 4 Static area
AP 1266	DFHSZSIP	SZ 1	Stop runaway failure	1 KEDS response 2 KEDS reason 3 Static area
AP 1267	DFHSZSIP	SZ 1	Change priority failure	1 DSAT response 2 Static area

Table 47 (Page 2 of 8). FEPI trace entries

Point ID	Module	Lvl	Type	Data area
AP 1268	DFHSZSIP	SZ 1	DFHSZ TCB swap failure	1 DSAT response 2 Static area
AP 1269	DFHSZSIP	SZ 1	Termination	1 Static area
AP 126A	DFHSZSIP	SZ 1	FEPI abended	1 Static area
AP 126B	DFHSZZNG	SZ 1	Entry ZNG get session control	
AP 126C	DFHSZZNG	SZ 1	Exit	1 Connection Area 2 Obtained Storage
AP 126D	DFHSZZNG	SZ 1	Getmain Successful	1 Connection Area 2 Address of storage obtained 3 Storage obtained 4 SMGF parameters
AP 126E	DFHSZZNG	Exc	Getmain Failed	1 Connection Area 2 SMGF parameters
AP 126F	DFHSZZAG	SZ 1	Entry	1 ZAG Get receive any Node descriptor block
AP 1270	DFHSZZAG	SZ 1	Exit	1 ZAG Get receive any Node descriptor block 2 Storage address
AP 1271	DFHSZZAG	SZ 1	Getmain successful	1 Node Descriptor block 2 Storage Address 3 Vtam Receive Request block 4 SMGF parameters
AP 1272	DFHSZZAG	Exc	Getmain successful	1 Node Descriptor block 2 SMGF parameters
AP 1273	DFHSZZRG	SZ 1	Entry	1 Connection Area
AP 1274	DFHSZZRG	SZ 1	Exit	1 Connection area 2 Obtained Storage
AP 1275	DFHSZZRG	SZ 1	Getmain Successful	1 Connection Area 2 Address of obtained storage 3 Obtained storage 4 SMGF parameters
AP 1276	DFHSZZRG	Exc	Getmain Failed	1 Connection Area 2 SMGF parameter list
AP 1277	DFHSZZRG	SZ 1	Entry	1 Request Block address 2 RPL address
AP 1278	DFHSZZFR	SZ 1	Freemain successful	1 Address of Request Block 2 Address of Dynamic Area 3 SMGF Parameter list
AP 1279	DFHSZZFR	SZ 1	FREEMAIN failure for dynamic	3 SMGF parameter list
AP 127A	DFHSZZFR	SZ 1	FREEMAIN for receive any	2 SMGF parameter list
AP 127B	DFHSZZFR	SZ 1	FREEMAIN failure for receive any	2 SMGF parameter list
AP 127C	DFHSZZFR	SZ 1	Exit ZFR FREE receive any	
AP 1400	DFHSZRPW	SZ 1	Entry	1 Parameter list 2 SMGF parameter list
AP 1401	DFHSZRPW	SZ 1	Exit	1 Parameter list 2 SMGF parameter list
AP 1402	DFHSZRRT	SZ 1	Entry	1 Parameter list 2 SMGF Parameter list
AP 1403	DFHSZRRT	Exc	Error freeing DQE	1 Parameter list 2 SMGF parameter list
AP 1404	DFHSZRRT	Exc	Error during freeing of dynamic	1 Parameter list 2 SMGF parameter list
AP 1405	DFHSZRRT	SZ 1	Exit	1 Parameter List 2 SMGF parameter list
AP 1406	DFHSZRQW	SZ 1	Entry	1 Parameter list 2 Work Queue Element 3 Request parameter area
AP 1407	DFHSZRQW	SZ 1	Compare and Swap RWE	1 Parameter list 2 Request Work Element 3 Request parameter area
AP 1408	DFHSZRQW	SZ 1	POST RM to dispatch queued request	1 Parameter List 2 Request Work Element 3 Request parameter area
AP 1409	DFHSZRQW	SZ 1	Exit	1 Parameter list 2 Request Work Element 3 Request parameter area
AP 140A	DFHSZRDP	SZ 1	Entry RDP dispatcher	1 Static area
AP 140B	DFHSZRDP	SZ 1	RM initialization complete	1 Resource Manager common area
AP 140C	DFHSZRDP	SZ 1	RM start of request processing	1 Resource Manager common area 2 Current Work Element 3 Request parameter area
AP 140D	DFHSZRDP	Exc	Bad request	1 Request address 2 Request type

Table 47 (Page 3 of 8). FEPI trace entries				
Point ID	Module	Lvl	Type	Data area
AP 140E	DFHSZRDP	SZ 1	ECB in request element has been posted (WAIT) state	1 Current Work Queue Element 2 Request parameter area
AP 140F	DFHSZRDP	SZ 1	RM has entered a no work	1 Resource Manager common area
AP 1410	DFHSZRDP	Exc	Forced termination detected	1 Static Area 2 Common Area 3 Current Work Queue element 4 Parameter list
AP 1411	DFHSZRDP	Exc	No common area	1 Static storage
AP 1412	DFHSZRDP	Exc	No LIFO available	1 Static Area
AP 1413	DFHSZRDP	SZ 1	Exit RDP dispatcher	1 Static area
AP 1414	DFHSZDQE	SZ 1	Entry	1 Current Work Queue element 2 Request parameter area
AP 1415	DFHSZRNO	SZ 1	Exit	1 Current Work Queue Element 2 Request parameter area
AP 1416	DFHSZRII	SZ 1	Entry	1 Common data area
AP 1417	DFHSZRII	SZ 1	Exit	1 Common data area
AP 1418	DFHSZRID	SZ 1	Entry	1 Common data area
AP 1419	DFHSZRID	SZ 1	Exit	1 Common data area
AP 141A	DFHSZRZZ	SZ 1	Entry	1 Current Work Queue element 2 Request parameter area
AP 141B	DFHSZRZZ	SZ 1	Exit	1 Current Work Queue element 2 Request parameter list
AP 141C	DFHSZRNC	SZ 1	Entry	1 Node descriptor
AP 141D	DFHSZRNC	SZ 1	Exit	1 Current Work Queue element
AP 141E	DFHSZRCA	SZ 1	Entry	1 Node descriptor 2 VTAM ACB work area (if available)
AP 141F	DFHSZRCA	SZ 1	About to issue FREEMAIN	1 Node descriptor 2 VTAM ACB work area
AP 1420	DFHSZRCA	SZ 1	About to close ACB	1 Node descriptor 2 VTAM ACB work area
AP 1421	DFHSZRCA	SZ 1	Exit	1 Node descriptor
AP 1422	DFHSZRIO	SZ 1	Entry	1 SMGF parameters 2 Node descriptor or Current Work Queue element
AP 1423	DFHSZRIO	Exc	Unable to allocate storage for VTAM ACB	1 SMGF parameter list 2 Node descriptor or Current Work Queue element
AP 1424	DFHSZRIO	SZ 1	Exit	1 SMGF parameter list 2 Node descriptor or Current Work Queue element
AP 1425	DFHSZRIN	SZ 1	Entry	1 Node name 2 Current Work Queue Element 3 Request parameter area
AP 1426	DFHSZRIN	Exc	Error during Node initialization	1 Node name 2 Current Work Queue Element 3 Request parameter area
AP 1427	DFHSZRIN	SZ 1	Successful GETMAIN of Node	1 Node name 2 Current Work Queue Element 3 Request parameter area
AP 1428	DFHSZRIN	SZ 1	Exit	1 Node name 2 Current Work Queue Element 3 Request parameter area
AP 1429	DFHSZRIP	SZ 1	Entry	1 Pool name 2 Property set name 3 Current Work Queue Element 4 Request parameter area
AP 142A	DFHSZRIP	Exc	Error during Pool Initialization	1 Pool name 2 Property set name 3 Current Work Queue Element 4 Request parameter area
AP 142B	DFHSZRIP	SZ 1	Successful GETMAIN of Pool related storage	1 Pool name 2 Property set name 3 Current Work Queue Element 4 Request parameter area
AP 142C	DFHSZRIP	SZ 1	Exit	1 Pool name 2 Property set name 3 Current Work Queue Element 4 Request parameter area
AP 142D	DFHSZRIT	SZ 1	Entry	1 Target name 2 PLU name 3 Current Work Queue Element 4 Request parameter area

Table 47 (Page 4 of 8). FEPI trace entries

Point ID	Module	Lvl	Type	Data area
AP 142E	DFHSZRIT	Exc	Error during target initialization	1 Target name 2 Pool name 3 Current Work Queue Element 4 Request parameter area
AP 142F	DFHSZRIT	SZ 1	Successful GETMAIN of Target related storage	1 Target name 2 Pool name 3 Current Work Queue Element 4 Request parameter area
AP 1430	DFHSZRIT	SZ 1	Exit	1 Target name 2 Pool name 3 Current Work Queue Element 4 Request parameter area
AP 1431	DFHSZRIS	SZ 1	Entry	1 Current Work Queue Element 2 Request parameter area 3 Property list
AP 1432	DFHSZRIS	Exc	Error during PROPERTYSET initialization	1 Current Work Queue element 2 Request parameter area 3 Property list
AP 1433	DFHSZRIS	SZ 1	Getmain complete	1 Current Work Queue element 2 Request parameter area 3 Property list
AP 1434	DFHSZRIS	SZ 1	Exit	1 Current Work Queue element 2 Request parameter area 3 Property list
AP 1435	DFHSZRIC	SZ 1	Entry	1 Work Queue Element 2 Request parameter area 3 Return Code 4 Resource Name 5 Pool Name
AP 1437	DFHSZRIC	SZ 1	Getmain of Subpool Data Area	1 Work Queue element 2 Request parameter area 3 Return code 4 Resource Name 5 Pool Name
AP 1438	DFHSZRIC	SZ 1	Exit	1 Work Queue element 2 Resource parameter area 3 Return code 4 Resource Name 5 Pool Name
AP 1439	DFHSZRDRG	SZ 1	Entry	1 Node descriptor or Connection descriptor or Target descriptor or Work Queue Element 2 Request parameter area
AP 143A	DFHSZRDRG	SZ 1	FREEMAIN of POOL related storage	
AP 143B	DFHSZRDRG	SZ 1	Unrecognized POOL name specified in DISCARD	
AP 143C	DFHSZRDRG	SZ 1	Exit RDG discard node procedure	
AP 143D	DFHSZRDC	SZ 1	Entry RDC delete conn procedure	
AP 143E	DFHSZRDC	SZ 1	Exit RDC delete conn procedure	
AP 143F	DFHSZRDS	SZ 1	Entry RDS discard PROPERTYSET procedure	
AP 1440	DFHSZRDS	SZ 1	FREEMAIN of PROPERTYSET related storage	
AP 1441	DFHSZRDS	SZ 1	Unrecognized PROPERTYSET name in DISCARD	
AP 1442	DFHSZRDS	SZ 1	Exit RDS discard PROPERTYSET procedure	
AP 1443	DFHSZRDN	SZ 1	Entry RDN delete node procedure	
AP 1444	DFHSZRDN	SZ 1	FREEMAIN of NODE related storage	
AP 1445	DFHSZRDN	SZ 1	Unrecognized NODE name specified in DISCARD	
AP 1446	DFHSZRDN	SZ 1	Exit RDN delete node procedure	
AP 1447	DFHSZRDT	SZ 1	Entry RDT discard target procedure	
AP 1448	DFHSZRDT	SZ 1	FREEMAIN of TARGET related storage	
AP 1449	DFHSZRDT	SZ 1	Unrecognized TARGET name specified in DISCARD	
AP 144A	DFHSZRDT	SZ 1	Exit RDT discard target procedure	
AP 144B	DFHSZRSC	SZ 1	Entry RCS connection procedure	2 Pool name 3 Node name 4 Target name
AP 144C	DFHSZRSC	SZ 1	Unrecognized LU type (internal error)	2 Pool name 3 Node name 4 Target name
AP 144D	DFHSZRSC	SZ 1	Exit RCS connection procedure	2 Pool name 3 Node name 4 Target name
AP 144E	DFHSZVQS	SZ 1	Entry VQS REQSESS dispatcher	
AP 144F	DFHSZVQS	SZ 1	Exit VQS REQSESS dispatcher	

Table 47 (Page 5 of 8). FEPI trace entries

Point ID	Module	Lvl	Type	Data area
AP 1450	DFHSZRIW	SZ 1	Entry RIW SET procedure	
AP 1451	DFHSZRIW	SZ 1	Exit RIW SET procedure	
AP 1452	DFHSZRIF	SZ 1	Entry RIF install free procedure	
AP 1453	DFHSZRIF	SZ 1	Exit RIF install free procedure	
AP 1454	DFHSZRIA	SZ 1	Entry RIA allocate procedure	
AP 1459	DFHSZRIA	SZ 1	Exit RIA allocate procedure	
AP 145A	DFHSZRIQ	SZ 1	Entry RIQ inquire procedure	
AP 145B	DFHSZRIQ	SZ 1	Exit RIQ inquire procedure	
AP 145C	DFHSZRXD	SZ 1	Entry RXD extract procedure	3 User data
AP 145D	DFHSZRXD	SZ 1	Exit RXD extract procedure	3 User data
AP 145E	DFHSZRRD	SZ 1	Entry RRD receive req procedure	3 Data buffer or 'SUPPRESSED DUE TO CONFDATA=HIDETC IN SIT'
AP 145F	DFHSZRRD	SZ 1	Exit RRD receive req procedure	3 Data buffer or 'SUPPRESSED DUE TO CONFDATA=HIDETC IN SIT'
AP 1460	DFHSZRSE	SZ 1	Entry RSE send req procedure	3 Data buffer or 'SUPPRESSED DUE TO CONFDATA=HIDETC IN SIT'
AP 1461	DFHSZRSE	SZ 1	Exit RSE send req procedure	3 Data buffer or 'SUPPRESSED DUE TO CONFDATA=HIDETC IN SIT'
AP 1462	DFHSZRCT	SZ 1	Entry RCT issue procedure	
AP 1463	DFHSZRCT	SZ 1	Exit RCT issue procedure	
AP 1464	DFHSZRID	SZ 1	FREEMAIN surrogate related storage	
AP 1465	DFHSZRIO	SZ 1	FREEMAIN ACB related storage (including 24-bit)	1 SMGF parameter list
AP 1466	DFHSZRIO	SZ 1	GETMAIN ACB related storage (including 24-bit)	1 SMGF parameter list
AP 1467	DFHSZRDC	SZ 1	FREEMAIN CONNECTION related storage	
AP 1468	DFHSZ2CP	SZ 1	Entry 2CP SLU2 flow control	
AP 1469	DFHSZ2CP	SZ 1	Exit 2CP SLU2 flow control	
AP 146A	DFHSZPCP	SZ 1	Entry PCP SLUP flow control	
AP 146B	DFHSZPCP	SZ 1	Exit PCP SLUP flow control	
AP 146C	DFHSZVRA	SZ 1	Entry VRA receive any procedure	
AP 146D	DFHSZVRA	SZ 1	Exit VRA receive any procedure	
AP 146E	DFHSZRIO	SZ 1	GETMAIN failure for 24-bit storage	1 SMGF parameter list
AP 146F	DFHSZRIO	SZ 1	GETMAIN of temporary 24-bit storage for OPEN parameter list	1 SMGF parameter list
AP 1470	DFHSZRIO	SZ 1	Error during GENCB processing for ACB(s)	1 SMGF parameter list
AP 1471	DFHSZRIO	SZ 1	Error during OPEN processing for ACB	1 SMGF parameter list
AP 1472	DFHSZRQR	SZ 1	Entry RQR queue for REQSESS	
AP 1473	DFHSZRQR	SZ 1	Exit RQR queue for REQSESS	
AP 1474	DFHSZRIC	SZ 1	GETMAIN storage for surrogate	4 Resource name 5 Pool name
AP 1475	DFHSZRIC	SZ 1	GETMAIN storage for connection	4 Resource name 5 Pool name
AP 1476	DFHSZ2SB	SZ 1	Entry 2SB SLU2 bind procedure	
AP 1477	DFHSZ2SB	SZ 1	About to issue OPNSEC request (accept session)	
AP 1478	DFHSZ2SB	SZ 1	About to issue SESSIONC request (reject session)	
AP 1479	DFHSZ2SB	SZ 1	Exit 2SB SLU2 bind procedure	
AP 147A	DFHSZ2SC	SZ 1	Entry 2SC SLU2 session control	
AP 147B	DFHSZ2SC	SZ 1	Exit 2SC SLU2 session control	
AP 1480	DFHSZ2SD	SZ 1	Entry 2SD SLU2 SDT procedure	
AP 1481	DFHSZ2SD	SZ 1	About to respond to 'start data traffic' request	2 VTAM RPL
AP 1482	DFHSZ2SD	SZ 1	Exit 2SD SLU2 SDT procedure	
AP 1483	DFHSZ2ID	SZ 1	Entry 2ID SLU2 send data procedure	
AP 1484	DFHSZ2ID	SZ 1	About to issue SEND request for data	2 VTAM RPL
AP 1485	DFHSZ2ID	SZ 1	About to POST API SEND request complete	
AP 1486	DFHSZ2ID	SZ 1	Exit 2ID SLU2 send data procedure	
AP 1487	DFHSZ2OA	SZ 1	Entry 2OA SLU2 send resp procedure	
AP 1488	DFHSZ2OA	SZ 1	About to issue SEND for pending response	
AP 1489	DFHSZ2OA	SZ 1	Exit 2OA SLU2 send resp procedure	
AP 1490	DFHSZ2OD	SZ 1	Entry 2OD SLU2 rec data procedure	
AP 1491	DFHSZ2OD	SZ 1	About to issue RECEIVE(SPECIFIC) request	3 VTAM RPL
AP 1492	DFHSZ2OD	SZ 1	About to POST API RECEIVE complete	
AP 1493	DFHSZ2OD	SZ 1	About to issue SEND for intermediate resp	3 VTAM RPL
AP 1494	DFHSZ2OD	SZ 1	Exit 2OD SLU2 rec data procedure	
AP 1495	DFHSZ2OR	SZ 1	Entry 2OR SLU2 response procedure	
AP 1496	DFHSZ2OR	About to c.SZ 1	POST API request complete (response pending)	
AP 1497	DFHSZ2OR	SZ 1	Exit 2OR SLU2 response procedure	

Table 47 (Page 6 of 8). FEPI trace entries

Point ID	Module	Lvl	Type	Data area
AP 1498	DFHSZPSB	SZ 1	Entry PSB SLUP bind procedure	
AP 1499	DFHSZPSB	SZ 1	About to issue OPNSEC request (accept session)	
AP 149A	DFHSZPSB	SZ 1	About to issue SESSIONC request (reject session)	
AP 149B	DFHSZPSB	SZ 1	Exit PSB SLUP bind procedure	
AP 149C	DFHSZPSC	SZ 1	Entry PSC SLUP session control	
AP 149D	DFHSZPSC	SZ 1	Exit PSC SLUP session control	
AP 1502	DFHSZPSD	SZ 1	Entry	
AP 1503	DFHSZPSD	SZ 1	About to respond to SDT	2 VTAM RPL
AP 1504	DFHSZPSD	SZ 1	About to POST STSN related API request	
AP 1505	DFHSZPSD	SZ 1	Exit PSD SLUP SDT procedure	
AP 1506	DFHSZPSS	SZ 1	Entry PSS SLUP STSN procedure	
AP 1507	DFHSZPSS	SZ 1	About to respond to STSN	
AP 1508	DFHSZPSS	SZ 1	About to POST STSN related API request	
AP 1509	DFHSZPSS	SZ 1	Exit PSS SLUP STSN procedure	
AP 1510	DFHSZPID	SZ 1	Entry PID SLUP send data procedure	
AP 1511	DFHSZPID	SZ 1	About to issue VTAM SEND for data	2 VTAM RPL
AP 1512	DFHSZPID	SZ 1	About to POST failed API SEND request complete	
AP 1513	DFHSZPID	SZ 1	Exit PID SLUP send data procedure	
AP 1514	DFHSZPOA	SZ 1	Entry POA SLUP send resp procedure	
AP 1515	DFHSZPOA	SZ 1	About to issue VTAM SEND for pending resp	2 VTAM RPL
AP 1516	DFHSZPOA	SZ 1	Exit POA SLUP send resp procedure	
AP 1517	DFHSZPOD	SZ 1	Entry POD SLUP rec data procedure	
AP 1518	DFHSZPOD	SZ 1	About to issue VTAM RECEIVE(SPECIFIC) for data	3 VTAM RPL
AP 1519	DFHSZPOD	SZ 1	About to POST API RECEIVE request complete	
AP 1520	DFHSZPOD	SZ 1	About to issue VTAM SEND for intermediate response	3 VTAM RPL
AP 1521	DFHSZPOD	SZ 1	Exit POD SLUP rec data procedure	
AP 1522	DFHSZPOR	SZ 1	Entry POR SLUP response procedure	
AP 1523	DFHSZPOR	SZ 1	About to POST API request (response pending)	
AP 1524	DFHSZPOR	SZ 1	Exit POR SLUP response procedure	
AP 1528	DFHSZ2SH	SZ 1	Entry 2SH SLU2 SHUTC procedure	
AP 1529	DFHSZ2SH	SZ 1	About to issue SHUTDOWN COMPLETE request	
AP 1530	DFHSZ2SH	SZ 1	Exit 2SH SLU2 SHUTC procedure	
AP 1531	DFHSZ2SQ	SZ 1	Entry 2SQ SLU2 QC procedure	
AP 1532	DFHSZ2SQ	SZ 1	About to issue QUIESCE COMPLETE request	
AP 1533	DFHSZ2SQ	SZ 1	Exit 2SQ SLU2 QC procedure	
AP 1534	DFHSZ2SR	SZ 1	Entry 2SR SLU2 RESETSR procedure	
AP 1535	DFHSZ2SR	SZ 1	Exit 2SR SLU2 RESETSR procedure	
AP 1536	DFHSZ2TE	SZ 1	Entry 2TE SLU2 TERMSESS procedure	
AP 1537	DFHSZ2TE	SZ 1	About to issue VTAM TERMSESS request	
AP 1538	DFHSZ2TE	SZ 1	Exit 2TE SLU2 TERMSESS procedure	
AP 1542	DFHSZPSH	SZ 1	Entry PSH SLUP SHUTC procedure	
AP 1543	DFHSZPSH	SZ 1	About to issue SHUTDOWN COMPLETE request	
AP 1544	DFHSZPSH	SZ 1	Exit PSH SLUP SHUTC procedure	
AP 1545	DFHSZPSQ	SZ 1	Entry PSQ SLUP quiesce complete	
AP 1546	DFHSZPSQ	SZ 1	About to issue QUIESCE COMPLETE request	
AP 1547	DFHSZPSQ	SZ 1	Exit PSQ SLUP quiesce complete	
AP 1548	DFHSZPSR	SZ 1	Entry PSR RESETSR procedure	
AP 1549	DFHSZPSR	SZ 1	Exit PSR RESETSR procedure	
AP 1550	DFHSZPTE	SZ 1	Entry PTE SLUP TERMSESS procedure	
AP 1551	DFHSZPTE	SZ 1	About to issue VTAM TERMSESS request	
AP 1552	DFHSZPTE	SZ 1	Exit PTE SLUP TERMSESS procedure	
AP 1553	DFHSZ2QS	SZ 1	Entry 2QS SLU2 REQSESS issuer	2 Pool name 3 Node name 4 Target name
AP 1554	DFHSZ2QS	SZ 1	Exit 2QS SLU2 REQSESS issuer	2 Pool name 3 Node name 4 Target name
AP 1555	DFHSZPQS	SZ 1	Entry PQS SLUP REQSESS issuer	2 Pool name 3 Node name 4 Target name
AP 1556	DFHSZPQS	SZ 1	Exit PQS SLUP REQSESS issuer	2 Pool name 3 Node name 4 Target name
AP 1557	DFHSZBCL	SZ 1	Entry BCL cleanup API reqs	
AP 1558	DFHSZBCL	SZ 1	About to POST pending API request complete (fail)	
AP 1559	DFHSZBCL	SZ 1	Exit BCL cleanup API reqs	
AP 1560	DFHSZBST	SZ 1	Entry BST STSN transaction scheduler	
AP 1561	DFHSZBST	SZ 1	GETMAIN storage for STSN conversation	
AP 1562	DFHSZBST	SZ 1	Exit BST STSN transaction scheduler	
AP 1563	DFHSZBSI	SZ 1	Entry BSI signon exit scheduler	
AP 1564	DFHSZBSI	SZ 1	GETMAIN storage for SIGNON conversation	
AP 1565	DFHSZBSI	SZ 1	Exit BSI signon exit scheduler	

Table 47 (Page 7 of 8). FEPI trace entries

Point ID	Module	Lvl	Type	Data area
AP 1566	DFHSZBUN	SZ 1	Entry BUN unsolicited data transaction scheduler	
AP 1567	DFHSZBUN	SZ 1	GETMAIN storage for UNSOLICITED DATA conversation	
AP 1568	DFHSZBUN	SZ 1	Exit BUN unsolicited data transaction scheduler	
AP 1569	DFHSZBLO	SZ 1	Entry BLO lost session reporter	
AP 1570	DFHSZBLO	SZ 1	GETMAIN storage for LOST SESSION TDQ processing	
AP 1571	DFHSZBLO	SZ 1	Exit BLO lost session reporter	
AP 1572	DFHSZVBN	SZ 1	Entry VBN copy NIB mask to real	
AP 1573	DFHSZVBN	SZ 1	Exit VBN copy NIB mask to real	
AP 1576	DFHSZRIA	SZ 1	GETMAIN storage for API conversation request	
AP 1577	DFHSZRIA	SZ 1	FREEMAIN storage for ended conversation	
AP 1578	DFHSZRIQ	SZ 1	GETMAIN storage for BROWSE processing	
AP 1579	DFHSZRIQ	SZ 1	FREEMAIN storage related to BROWSE processing	
AP 157A	DFHSZRIF	SZ 1	GETMAIN storage for FREE related processing	
AP 157B	DFHSZRIF	SZ 1	FREEMAIN storage for FREE related processing	
AP 157C	DFHSZVRI	SZ 1	Entry VRI receive any issuer	
AP 157D	DFHSZVRI	SZ 1	About to issue RECEIVE(ANY) request for node	
AP 157E	DFHSZVRI	SZ 1	Exit VRI receive any issuer	
AP 1580	DFHSZVSL	SZ 1	Entry VSL SETLOGON request issuer	
AP 1581	DFHSZVSL	SZ 1	About to issue SETLOGON request for NODE	
AP 1582	DFHSZVSL	SZ 1	Exit VSL SETLOGON request issuer	
AP 1583	DFHSZRPM	SZ 1	Entry RPM timer services	
AP 1584	DFHSZRPM	SZ 1	Exit RPM timer services	
AP 1585	DFHSZRST	SZ 1	Entry RST START request procedure	
AP 1586	DFHSZRST	SZ 1	Exit RST START request procedure	
AP 1587	DFHSZRTM	SZ 1	Entry RTM recovery services	
AP 1588	DFHSZRTM	SZ 1	Exit RTM recovery services	
AP 1589	DFHSZRFC	SZ 1	Entry RFC free completion procedure	2 Pool name 3 Node name 4 Target name
AP 158A	DFHSZRFC	SZ 1	Exit RFC free completion procedure	2 Pool name 3 Node name 4 Target name
AP 158B	DFHSZRFC	SZ 1	GETMAIN	2 Pool name 3 Node name 4 Target name
AP 158C	DFHSZRFC	SZ 1	FREEMAIN	2 Pool name 3 Node name 4 Target name
AP 158D	DFHSZBSI	SZ 1	FREEMAIN storage related to SIGNON conversation	
AP 158E	DFHSZBUN	SZ 1	FREEMAIN storage related to UNSOLDATA conversation	
AP 158F	DFHSZBST	SZ 1	FREEMAIN storage related to STSN conversation	
AP 1590	DFHSZRPM	SZ 1	FREEMAIN storage related to TDQ and IC START request	
AP 1591	DFHSZ2OD	SZ 1	GETMAIN of storage for START processing	
AP 1592	DFHSZRIC	SZ 1	EVENT	4 Resource name 5 Pool name
AP 1593	DFHSZ2SB	SZ 1	EVENT	
AP 1594	DFHSZ2SB	SZ 1	EVENT	
AP 1595	DFHSZFSD	SZ 1	Entry FSD FORM 3270 SEND	3 Send data or 'SUPPRESSED DUE TO CONFDATA=HIDETC IN SIT'
AP 1596	DFHSZFSD	SZ 1	EVENT	3, 4 Send data or 'SUPPRESSED DUE TO CONFDATA=HIDETC IN SIT'
AP 1597	DFHSZFSD	SZ 1	Exit FSD FORM 3270 SEND	3, 4 Send data or 'SUPPRESSED DUE TO CONFDATA=HIDETC IN SIT'
AP 1598	DFHSZFRD	SZ 1	Entry FRD FORM 3270 RECEIVE	2 User data or 'SUPPRESSED DUE TO CONFDATA=HIDETC IN SIT'
AP 1599	DFHSZFRD	SZ 1	Exit FRD FORM 3270 RECEIVE	3 User data or 'SUPPRESSED DUE TO CONFDATA=HIDETC IN SIT'
AP 159A	DFHSZBFT	SZ 1	Entry BFT FREE trans reqs sched	2 User data or 'SUPPRESSED DUE TO CONFDATA=HIDETC IN SIT'
AP 159B	DFHSZBFT	SZ 1	GETMAIN storage for FREE conversation	
AP 159C	DFHSZBFT	SZ 1	FREEMAIN storage related to FREE conversation	
AP 159D	DFHSZBFT	SZ 1	Exit BFT FREE trans reqs sched	
AP 159E	DFHSZRPM	SZ 1	IC START failed, bad transaction name	
AP 159F	DFHSZBFT	SZ 1	Error allocating storage for FREE QE	
AP 15A0	DFHSZBSI	SZ 1	Error allocating storage for SIGNON START QE	
AP 15A1	DFHSZBSI	SZ 1	Error allocating storage for SIGNON conversation	
AP 15A2	DFHSZBST	SZ 1	Error allocating storage for STSN START QE	

Table 47 (Page 8 of 8). FEPI trace entries				
Point ID	Module	Lvl	Type	Data area
AP 15A3	DFHSZBST	SZ 1	Error allocating storage for STSN conversation	
AP 15A4	DFHSZBUN	SZ 1	Error allocating storage for UNSOLDATA START QE	
AP 15A5	DFHSZBUN	SZ 1	Error allocating storage for UNSOLDATA conversation	
AP 15A6	DFHSZPSC	SZ 1	FREEMAIN of conversation related storage	
AP 15A7	DFHSZ2SC	SZ 1	FREEMAIN of conversation related storage	
AP 15A8	DFHSZRST	SZ 1	GETMAIN of storage for API START request	
AP 15A9	DFHSZRIC	SZ 1	Error allocating storage for CONNECTION	4 Resource name 5 Pool name
AP 15AA	DFHSZRIO	SZ 1	GETMAIN of storage for VTAM ACB	1 SMGF parameter list
AP 15AB	DFHSZRIO	SZ 1	GETMAIN of storage for TDQ QE	1 SMGF parameter list
AP 15AC	DFHSZRDS	SZ 1	GETMAIN of storage for TDQ QE	
AP 15AD	DFHSZRDN	SZ 1	GETMAIN of storage for TDQ QE	
AP 15AE	DFHSZRDRG	SZ 1	GETMAIN of storage for TDQ QE	
AP 15AF	DFHSZRDT	SZ 1	GETMAIN of storage for TDQ QE	
AP 15B0	DFHSZPOD	SZ 1	GETMAIN of storage for START processing	
AP 15B1	DFHSZRCA	SZ 1	GETMAIN of NODE related storage	
AP 15B2	DFHSZFSD	SZ 1	FREEMAIN of formatted data buffer storage	3 Send data
AP 15B3	DFHSZRIV	SZ 1	GETMAIN of storage for TDQ QE	
AP 15B4	DFHSZPOR	SZ 1	GETMAIN of storage for START processing	
AP 15B5	DFHSZ2OR	SZ 1	GETMAIN of storage for START processing	
AP 15B6	DFHSZBCS	SZ 1	Entry	1 Current work element 2 Request parm area
AP 15B7	DFHSZBCS	SZ 1	Exit	1 Current work element 2 Request parm area
AP 15B8	DFHSZBRS	SZ 1	Entry	1 Current work element 2 Request parm area
AP 15B9	DFHSZBRS	SZ 1	Exit	1 Current work element 2 Request parm area
AP 15BA	DFHSZBUS	SZ 1	Entry	1 Resource pointer: pool, SZDSR target, SZDSR conn, SZDCD
AP 15BB	DFHSZBUS	SZ 1	Exit	1 Resource pointer: pool, SZDSR target, SZDSR conn, SZDCD
AP 15BC	DFHSZBUS	Exc	GETMAIN fail	1 SMGF parameter list
AP 15C0	DFHSZIDX	SZ 1	Entry	1 Install/discard resource pointer
AP 15C1	DFHSZIDX	SZ 1	Exit	1 Install/discard resource pointer
AP 15C2	DFHSZIDX	Exc	GETMAIN fail	1 SMGF parameter list
AP 15C3	DFHSZREQ	SZ 1	Entry	1 Current work element
AP 15C4	DFHSZREQ	SZ 1	Entry	1 Current work element
AP 15C5	DFHSZ2OD	SZ 1	Before Drain exit send	1 Connection Block 2 Return code 3 Work Element queue if not zero
AP 15C6	DFHSZ2OD	SZ 1	Before positive receive drain response	1 Connection Block 2 Return code 3 Work Queue element if not zero
AP 15C7	DFHSZ2OD	SZ 1	Before response in RESP_NEX	1 Connection Block 2 Return code 3 Work Queue element if not zero
AP 15C8	DFHSZ2OD	SZ 1	Before Send in RESP_EX	1 Connection Block 2 Return code 3 Work Queue element if not zero
AP 15C9	DFHSZ2OD	SZ 1	Before send positive response	1 Connection Block 2 Return code 3 Work Queue element if not zero

Transaction initiation

The trace entries in the following table are related to transaction initiation.

Table 48 (Page 1 of 3). Transaction initiation trace entries				
Point ID	Module	Lvl	Type	Data
AP 1700	DFHTFIQ	AP 1	Entry	1 DFHTFIQ parameter list
AP 1701	DFHTFIQ	AP 1	Exit	1 DFHTFIQ parameter list
AP 1702	DFHTFIQ	Exc	Recovery	1 DFHTFIQ parameter list
AP 1703	DFHTFIQ	Exc	Invalid format	1 DFHTFIQ parameter list
AP 1704	DFHTFIQ	Exc	Invalid function	1 DFHTFIQ parameter list

Table 48 (Page 2 of 3). Transaction initiation trace entries

Point ID	Module	Lvl	Type	Data
AP 1705	DFHTFIQ	Exc	GETMAIN failure	1 DFHTFIQ parameter list 2 DFHSMGF or DFHSMMC parameter list
AP 1710	DFHTFRF	AP 1	Entry	1 DFHTFRF parameter list 2 tcte_trace_1
AP 1711	DFHTFRF	AP 1	Exit	1 DFHTFRF parameter list 2 tcte_trace_1
AP 1712	DFHTFRF	Exc	Recovery	1 DFHTFRF parameter list 2 tcte_trace_1
AP 1713	DFHTFRF	Exc	Invalid format	3 Kernel error data 1 DFHTFRF parameter list 2 tcte_trace_1
AP 1714	DFHTFRF	Exc	Invalid function	1 DFHTFRF parameter list 2 tcte_trace_1
AP 1715	DFHTFRF	Exc	No terminal	1 DFHTFRF parameter list 2 tcte_trace_1
AP 1716	DFHTFRF	Exc	GETMAIN failed	1 DFHTFRF parameter list 2 tcte_trace_1
AP 1717	DFHTFRF	Exc	Restart attach failure	1 DFHTFRF parameter list 2 tcte_trace_1
AP 1718	DFHTFRF	Exc	Invalid resp from DFHJC	1 DFHTFRF parameter list 2 tcte_trace_1
AP 1719	DFHTFRF	Exc	Invalid response from DFHUS	1 DFHTFRF parameter list 2 tcte_trace_1
AP 171F	DFHTFRF	Exc	Internal logic error	1 DFHTFRF parameter list 2 tcte_trace_1
AP 1730	DFHTFBF	AP 1	Entry	1 DFHTFBF parameter list 2 tcte_trace_1
AP 1731	DFHTFBF	AP 1	Exit	1 DFHTFBF parameter list 2 tcte_trace_1
AP 1732	DFHTFBF	Exc	Recovery	1 DFHTFBF parameter list 2 tcte_trace_1
AP 1733	DFHTFBF	Exc	Invalid format	3 Kernel error data 1 DFHTFBF parameter list 2 tcte_trace_1
AP 1734	DFHTFBF	Exc	Invalid function	1 DFHTFBF parameter list 2 tcte_trace_1
AP 1735	DFHTFBF	Exc	No terminal	1 DFHTFBF parameter list 2 tcte_trace_1
AP 1736	DFHTFBF	Exc	Transaction abend	1 DFHTFBF parameter list 2 tcte_trace_1
AP 1737	DFHTFBF	Exc	Transaction start-up failed	3 Abend code 1 DFHTFBF parameter list 2 tcte_trace_1 3 FMH5
AP 1738	DFHTFBF	Exc	Remote attach failed	4 DFHXMER parameter list 1 DFHTFBF parameter list 2 tcte_trace_1 3 Abend code
AP 1739	DFHTFBF	Exc	Transaction start-up failed	4 DFHIS parameter list 1 DFHTFBF parameter list 2 tcte_trace_1 3 Abend code
AP 1740	DFHTFBF	Exc	LUC init call failed	4 DFHUSRM parameter list 1 DFHTFBF parameter list 2 tcte_trace_1 3 Abend code
AP 1741	DFHTFBF	Exc	Terminal sharing profile not found	4 DFHLUC parameter list 1 DFHTFBF parameter list 2 tcte_trace_1 3 Abend code
AP 1742	DFHTFBF	Exc	Inbound FMH error	4 DFHTM parameter list 1 DFHTFBF parameter list 2 tcte_trace_1 3 Abend code
AP 1743	DFHTFBF	Exc	Journal write failure	4 Abend instance 5 FMH5 1 DFHTFBF parameter list 2 tcte_trace_1 3 Abend code 4 Abend instance 5 JCA

Table 48 (Page 3 of 3). Transaction initiation trace entries

Point ID	Module	Lvl	Type	Data
AP 1744	DFHTFBF	Exc	Purge received from SMGF	1 DFHTFBF parameter list 2 tcte_trace_1 3 Abend code 4 SMGF parameter list
AP 1745	DFHTFBF	Exc	Bad response recieved from SMGF	1 DFHTFBF parameter list 2 tcte_trace_1 3 Abend code 4 SMGF parameter list
AP 1746	DFHTFBF	Exc	Purge received from SMMC	1 DFHTFBF parameter list 2 tcte_trace_1 3 Abend code 4 SMMC parameter list
AP 1747	DFHTFBF	Exc	Bad response received from SMMC	1 DFHTFBF parameter list 2 tcte_trace_1 3 Abend code 4 SMMC parameter list
AP 1748	DFHTFBF	Exc	Purged received from USXM	1 DFHTFBF parameter list 2 tcte_trace_1 3 Abend code 4 SMMC parameter list
AP 1749	DFHTFBF	Exc	Bad response received from USXM	1 DFHTFBF parameter list 2 tcte_trace_1 3 Abend code 4 SMMC parameter list
AP 1750	DFHTFBF	Exc	Inherited UOW_ID is invalid	1 DFHTFBF parameter list 2 tcte_trace_1 3 XMIQ parameter list
# AP 1790	DFHTFXM	AP 1	Entry	1 TFXM parameter list 2 tcte_trace_1
# AP 1791	DFHTFXM	AP 1	Exit	1 TFXM parameter list 2 tcte_trace_1
# AP 1792	DFHTFXM	Exc	Recovery entered	1 TFXM parameter list
# AP 1793	DFHTFXM	Exc	Invalid format	1 TFXM parameter list
# AP 1794	DFHTFXM	Exc	Invalid function	1 TFXM parameter list
# AP 1795	DFHTFXM	Exc	RMWT failure	1 RMWT parameter list
# AP 1796	DFHTFXM	Exc	Inbound FMH error	1 TFXM parameter list 2 tcte_trace_1 3 Abend code 4 Abend instance 5 FMH5

Application language interface

Table 49. Language interface trace points

Point ID	Module	Lvl	Type	Data
AP 1900	DFHAPRT	AP 1	Entry	1 Parameter list
AP 1901	DFHAPRT	AP 1	Exit	1 Parameter list
AP 1903	DFHAPRT	Exc	Invalid Function	1 Parameter list
AP 1902	DFHAPRT	Exc	Invalid Format	1 Parameter list
AP 1904	DFHAPRT	Exc	Recovery entered	1 Parameter list 2 Kernal Error data
AP 1940	DFHAPLI1	AP 1	Entry	See Table 50 on page 62
AP 1941	DFHAPLI1	AP 1	Exit	See Table 50 on page 62
AP 1942	DFHAPLI1	Exc	Recovery	Current parameter list (see note)
AP 1943	DFHAPLI1	Exc	Invalid Format	1 Current parameter list (see note)
AP 1944	DFHAPLI1	Exc	Invalid Function	1 Current parameter list (see note)
AP 1945	DFHAPLI	1	Missing parameter	
AP 1948	DFHAPLI1,2,3	1	LE for VSE/ESA call	See Table 51 on page 62
AP 1949	DFHAPLI1,2,3	1	LE for VSE/ESA return	See Table 51 on page 62
AP 194D	DFHAPLI	1	C/370 return	See Table 53 on page 63
AP 1950	DFHAPLI1,2,3	1	LE for VSE/ESA error	LE for VSE/ESA reason code

Note: The current parameter list relates to the function being performed at the time of failure, and is as shown for AP 1940 in Table 50 on page 62. For an application problem, the function is usually Start Program.

Function	Data fields for trace point AP 1940	Data fields for trace point AP 1941
Initialize languages		
Terminate languages		
Establish language	<ol style="list-style-type: none"> 1. Program name 2. Program load point 3. Program entry point 4. Program length 5. Execution key 6. Data location (above below 16 MB line) 7. User-defined language 8. Old language block 	<ol style="list-style-type: none"> 1. Language established by CICS 2. New language block 3. Abend code
Start program	<ol style="list-style-type: none"> 1. Program name 2. CEDF status 3. Execution set (full API or DPL subset) 4. Environment type 5. SYNCONRETURN 6. Language block 7. Parameter-list address 8. COMMAREA address and length 9. Link level 	<ol style="list-style-type: none"> 1. Abend code 2. Program name
Find program attributes	<ol style="list-style-type: none"> 1. RSA address 	<ol style="list-style-type: none"> 1. Program entry point 2. Name at entry point 3. Working storage address 4. Static storage address
Goto	<ol style="list-style-type: none"> 1. RSA address 	<ol style="list-style-type: none"> 1. Parameter list 2. RSA address 3. LE for VSE/ESA entry point

Function	Data fields for trace point AP 1948	Data fields for trace point AP 1949
Partition initialization	<ol style="list-style-type: none"> 1. Function 2. Parameter list 3. System use 	<ol style="list-style-type: none"> 1. Function 2. Reason code 3. LE for VSE/ESA partition token 4. LE for VSE/ESA interface level 5. LE for VSE/ESA thread workarea length 6. Language availability bits
Partition termination	<ol style="list-style-type: none"> 1. Function 2. Parameter list 	<ol style="list-style-type: none"> 1. Function 2. Reason code
Thread initialization	<ol style="list-style-type: none"> 1. Function 2. Parameter list 3. Program name 4. PGMINFO1 (see page 64) 	<ol style="list-style-type: none"> 1. Function 2. Reason code 3. Program name 4. LE for VSE/ESA Thread token
Thread termination	<ol style="list-style-type: none"> 1. Function 2. Parameter list 	<ol style="list-style-type: none"> 1. Function 2. Reason code
Run-Unit Initialization	<ol style="list-style-type: none"> 1. Function 2. Parameter list 3. Program name 4. PGMINFO1 (see page 64) 	<ol style="list-style-type: none"> 1. Function 2. Reason code 3. Program name 4. LE for VSE/ESA run-unit token
Run-unit termination	<ol style="list-style-type: none"> 1. Function 2. Parameter list 3. Program name 	<ol style="list-style-type: none"> 1. Function 2. Reason code 3. Program name
Run-unit begin invocation	<ol style="list-style-type: none"> 1. Function 2. Parameter list 3. Program name 	<ol style="list-style-type: none"> 1. Function 2. Reason code 3. Program name
Run-unit end invocation	<ol style="list-style-type: none"> 1. Function 2. Parameter list 3. Program name 4. System use 5. Registers at abend 	<ol style="list-style-type: none"> 1. Function 2. Reason code 3. Program name 4. Contcode
Establish ownership type	<ol style="list-style-type: none"> 1. Function 2. Parameter list 3. Program name 4. PGMINFO1 (see page 64) 	<ol style="list-style-type: none"> 1. Function 2. Reason code 3. Program name 4. PGMINFO2 (see page 64)
Determine working storage	<ol style="list-style-type: none"> 1. Function 2. Parameter list 3. Program name 	<ol style="list-style-type: none"> 1. Function 2. Reason code 3. Program name 4. Working storage address 5. Working storage length 6. Static storage address 7. Static storage length
Perform Goto	<ol style="list-style-type: none"> 1. Function 2. Parameter list 3. Program name 	<ol style="list-style-type: none"> 1. Function 2. Reason code 3. Program name 4. Out-of-block flag
<p>Note: LE for VSE/ESA parameter lists are described starting on page 64</p>		

Table 52. VS COBOL II call/return trace data fields

Function	Data fields for trace point AP 194A	Data fields for trace point AP 194B
Partition initialization	<ol style="list-style-type: none"> Function Parameter list System flags 	<ol style="list-style-type: none"> Function Reason code VS COBOL II partition token VS COBOL II Interface level
Partition termination	<ol style="list-style-type: none"> Function Parameter list 	<ol style="list-style-type: none"> Function Reason code
Thread initialization	<ol style="list-style-type: none"> Function Parameter list Program name 	<ol style="list-style-type: none"> Function Reason code Program name VS COBOL II Thread token
Thread termination	<ol style="list-style-type: none"> Function Parameter list 	<ol style="list-style-type: none"> Function Reason code
Run-Unit Initialization	<ol style="list-style-type: none"> Function Parameter list Program name 	<ol style="list-style-type: none"> Function Reason code Program name
Run-unit termination	<ol style="list-style-type: none"> Function Parameter list Program name Terminfo Registers at abend 	<ol style="list-style-type: none"> Function Reason code Program name Contcode
Determine program type	<ol style="list-style-type: none"> Function Parameter list Program name 	<ol style="list-style-type: none"> Function Reason code Program name Program flags
Working storage locate	<ol style="list-style-type: none"> Function Parameter list Program name 	<ol style="list-style-type: none"> Function Reason code Program name W/S address W/S length

Note: VS COBOL II parameter lists are described starting on page 67

Table 53. C/370 call/return trace data fields

Function	Data fields for trace point AP 194C	Data fields for trace point AP 194D
Partition initialization	<ol style="list-style-type: none"> Function Parameter list 	<ol style="list-style-type: none"> Function Reason code C/370 partition token C/370 Interface level
Partition termination	<ol style="list-style-type: none"> Function Parameter list 	<ol style="list-style-type: none"> Function Reason code
Thread initialization	<ol style="list-style-type: none"> Function Parameter list Program name 	<ol style="list-style-type: none"> Function Reason code Program name C/370 Thread token
Thread termination	<ol style="list-style-type: none"> Function Parameter list 	<ol style="list-style-type: none"> Function Reason code
Run-Unit Initialization	<ol style="list-style-type: none"> Function Parameter list Program name 	<ol style="list-style-type: none"> Function Reason code Program name C/370 run-unit token
Run-unit termination	<ol style="list-style-type: none"> Function Parameter list Program name Celinfo Registers at abend 	<ol style="list-style-type: none"> Function Reason code Program name Contcode
Determine program type	<ol style="list-style-type: none"> Function Parameter list Program name 	<ol style="list-style-type: none"> Function Reason code Program name Program flags
Working storage locate	<ol style="list-style-type: none"> Function Parameter list Program name 	<ol style="list-style-type: none"> Function Reason code Program name W/S address W/S length

Note: C/370 parameter lists are described starting on page 68

Table 54. PGMINFO1 structure. This structure, used for communication between CICS/VSE® and LE for VSE/ESA, is referred to in figures 50 and 51. The structure consists of 11 fullwords.

Displacement (hex)	Fullword contents
00	Length of the structure
04	The language of the run unit (main program) as known to CICS. One of the first 6 bits is set on with the following meaning: <ol style="list-style-type: none"> 1. Assembler 2. C/370™ 3. Cobol II 4. PL/I 5. RPG (not supported by CICS) 6. Not known or LE for VSE/ESA
08	Address of the run unit program
0C	Length of the run unit program
10	Entry point address of the run unit; bit zero of this field is set on in the case of programs running in 31-bit addressing mode.
14	Run-unit static storage address (not supported by CICS)
18	Address of the run unit work area preallocated above 16 megabytes
1A	Address of the run unit work area preallocated below 16 megabytes
20	Address of the application program argument list, which is a 2-fullword structure containing the addresses of the user EIB and COMMAREA
24	Address of the run time options string passed by CICS to LE/370 for debugging purposes
28	Length of the run time options string

Table 55. PGMINFO2 structure. This structure, used for communication between CICS/VSE and LE for VSE/ESA, is referred to in Table 51 on page 62. Some fields are used when the language is not LE for VSE/ESA. The structure consists of 5 fullwords.

Displacement (hex)	Fullword contents
00	Length of the structure
04	Size of the work area required to run the program. This is used by LE for VSE/ESA for storage above the 16-megabyte line, and by C/370 for all storage. For C/370 only, the first bit of this fullword is set on to indicate storage above the 16-megabyte line.
08	Size of the work area, below the 16-megabyte line, that is required to run the program (LE for VSE/ESA only).
0C	The first ten bits are binary flags. The meaning of an on setting for each bit is as follows: <ol style="list-style-type: none"> 1. The program can run under LE for VSE/ESA. 2. LE/370 knows the language of the program (LE for VSE/ESA only). 3. More than one language is used in the program (LE for VSE/ESA only). 4. The program can run under LE for VSE/ESA, but is not compiled by an LE for VSE/ESA compiler. LE for VSE/ESA must run the program in compatibility mode (LE for VSE/ESA only). 5. The program is executable under LE for VSE/ESA. 6. The program language is Assembler. 7. The program language is C/370. 8. The program language is Cobol II. 9. The program language is DOS/VS Cobol. 10. The program language is DOS PL/I.
10	Language ID number of the first executable CSECT in the program (LE for VSE/ESA only)

LE for VSE/ESA parameter lists: The parameter list passed to LE for VSE/ESA varies with the function as follows.

Partition initialization

1. Function (partition initialization)
2. Address of reason code

3. Address of system EIB
4. Address of 240-byte work-area for use by LE for VSE/ESA
5. Address of a double-word into which LE for VSE/ESA saves its partition token
6. Address of a fullword containing the length of the EIB
7. Address of a fullword into which LE for VSE/ESA saves the length of the thread work-area required for LE programs
8. Address of a fullword into which LE for VSE/ESA saves the LE/370 Interface Level number
9. Address of a pointer to the CICS Get CAA module DFHGCAA
10. Address of a pointer to the CICS Set CAA module DFHSCAA
11. Address of the LANGDEF area
12. Address of the 'language availability' area set by LE for VSE/ESA. Flags set by LE for VSE/ESA in this area that are of interest to CICS are:

```

x . . . . . ASMINIT - LE supports Assembler
. x . . . . . CINIT - LE supports C
. . x . . . . COBINIT - LE supports VS COBOL II
. . . x . . . . PLIINIT - LE supports DOS PL/I
    
```

Partition termination

1. Function (partition termination)
2. Address of reason code
3. Address of system EIB
4. Address of 240-byte work-area for use by LE for VSE/ESA
5. Address of LE for VSE/ESA partition token.

Thread initialization

1. Function (thread initialization)
2. Address of reason code
3. Address of system EIB
4. Address of 240-byte work-area for use by LE for VSE/ESA
5. Address of LE for VSE/ESA partition token
6. Address of a double-word into which LE for VSE/ESA saves its thread token
7. Address of LE for VSE/ESA Thread Work-area
8. Address of pgminfo1
9. Address of pgminfo2.

Thread termination

1. Function (thread termination)
2. Address of reason code
3. Address of system EIB
4. Address of 240-byte work-area for use by LE for VSE/ESA
5. Address of LE for VSE/ESA partition token
6. address of LE for VSE/ESA thread token.

Run-unit initialization

1. Function (run-unit initialization)
2. Address of reason code
3. Address of system EIB
4. Address of 240-byte work-area for use by LE for VSE/ESA
5. Address of LE for VSE/ESA partition token
6. Address of LE for VSE/ESA thread token
7. Address of LE for VSE/ESA run-unit token
8. Address of pgminfo1
9. Address of pgminfo2.

Run-unit begin invocation

1. Function (run-unit begin invocation)
2. Address of reason code
3. Address of system EIB
4. Address of 240-byte work-area for use by LE for VSE/ESA

AP 19xx

5. Address of LE for VSE/ESA partition token
6. Address of LE for VSE/ESA thread token
7. Address of LE for VSE/ESA run-unit token
8. Address of pgminfo1
9. Address of pgminfo2
10. Address of ioinfo
11. Address of a fullword holding the value of the application's register 13 when it last issued an EXEC CICS LINK command, or zero if there has been no prior LINK.

Run-unit end invocation

1. Function (run-unit end invocation)
2. Address of reason code
3. Address of system EIB
4. Address of 240-byte work-area for use by LE for VSE/ESA
5. Address of LE for VSE/ESA partition token
6. Address of LE for VSE/ESA thread token
7. Address of LE for VSE/ESA run-unit token
8. Address of pgminfo1
9. Address of pgminfo2
10. Address of celinfo.

Run-unit termination

1. Function (run-unit termination)
2. Address of reason code
3. Address of system EIB
4. Address of 240-byte work-area for use by LE for VSE/ESA
5. Address of LE for VSE/ESA partition token
6. Address of LE for VSE/ESA thread token
7. Address of LE for VSE/ESA run-unit token.

Establish ownership type

1. Function (establish ownership type)
2. Address of reason code
3. Address of system EIB
4. Address of 240-byte work-area for use by LE for VSE/ESA
5. Address of LE for VSE/ESA partition token
6. Reserved
7. Reserved
8. Address of pgminfo1
9. Address of pgminfo2.

Determine working storage

1. Function (determine working storage)
2. Address of reason code
3. Address of system EIB
4. Address of 240-byte work-area for use by LE for VSE/ESA
5. Address of LE for VSE/ESA partition token
6. Address of LE for VSE/ESA thread token for the user transaction
7. Address of LE for VSE/ESA run-unit token for the user transaction
8. Address of the Language Definition bits
9. Address of the user program's register save area
10. Address of a fullword into which LE for VSE/ESA saves the address of the user program's working storage
11. Address of a fullword into which LE for VSE/ESA saves the length of the user program's working storage
12. Address of a fullword into which LE for VSE/ESA saves the address of the user program's static storage
13. Address of a fullword into which LE for VSE/ESA saves the length of the user program's static storage
14. Address of a fullword into which LE for VSE/ESA saves the entry point of the program
15. Address of a fullword into which LE for VSE/ESA saves the address of a character string, preceded by a length halfword, giving the internal name of the program (currently not supported by CICS).

Perform Goto

1. Function (perform Goto)
2. Address of reason code
3. Address of system EIB
4. Address of 240-byte work-area for use by LE for VSE/ESA
5. Address of LE for VSE/ESA partition token
6. Address of LE for VSE/ESA thread token for the user transaction
7. Address of LE for VSE/ESA run-unit token for the user transaction
8. Address of the Language Definition bits
9. Address of the label argument of the Handle command
10. Address of the user's RSA reflecting the registers at the last EXEC CICS command
11. Address of a fullword into which LE for VSE/ESA may set the Cross-Call error flag
12. Address of a field holding the abend code from the TACB
13. Address of a field holding the value of Register 13 at the time of the abend.

VS COBOL II parameter lists: The parameter list passed to VS COBOL II varies with the function as follows.

Partition initialization

1. Function (partition initialization)
2. Address of system EIB
3. Address of take-token entry point (DFHEIPTT)
4. Address of GETMAIN entry point (DFHEIPGM)
5. Address of FREEMAIN entry point (DFHEIPFM)
6. Address of a 2-byte area 'system_flags' containing:
 - Mode Switching flag (X'80' bit)
 - CSZOPSYS (Operating System) value.
7. Address of a fullword containing the CICS interface-level number (always set to 1)
8. Address of a double-word into which VS COBOL II saves its partition token
9. Address of a fullword into which VS COBOL II saves its interface-level number.

Partition termination: This function is not supported for VS COBOL II.

Thread initialization

1. Function (thread initialization)
2. Address of VS COBOL II partition token
3. Address of user EIB
4. Address of CICS thread token (ie the TCA)
5. Address of a double-word into which VS COBOL II saves its thread token.

Thread termination

1. Function (thread termination)
2. Address of VS COBOL II partition token
3. Address of VS COBOL II thread token.

Run-unit initialization

1. Function (run-unit initialization)
2. Address of VS COBOL II partition token
3. Address of VS COBOL II thread token
4. Address of module entry point
5. Address of EIB and COMMAREA address vector.

Run-unit begin invocation: This function is not supported for VS COBOL II.

Run-unit end invocation: This function is not supported for VS COBOL II.

Run-unit termination

1. Function (run-unit termination)
2. Address of VS COBOL II partition token
3. Address of VS COBOL II thread token

AP 19xx

4. Address of VS COBOL II run-unit token
5. Address of terminfo.

Determine program type

1. Function (determine program type)
2. Address of VS COBOL II partition token
3. Reserved
4. Address of token-holding program load point
5. Address of token-holding program entry point
6. Address of fullword containing program flags to be set by VS COBOL II
7. Program flags fullword.

Working storage locate

1. Function (working storage locate)
2. Address of VS COBOL II partition token
3. Address of VS COBOL II thread token for the transaction
4. Address of VS COBOL II run-unit token for the transaction
5. Address of a fullword into which VS COBOL II saves the address of the user program's working storage
6. Address of a fullword into which VS COBOL II saves the length of the user program's working storage.

Perform Goto: This function is not supported for VS COBOL II.

C/370 parameter lists: The parameter list passed to C/370 varies with the function as follows.

Partition initialization

1. Function (partition initialization)
2. Address of reason code
3. Address of system EIB
4. Address of 240-byte work-area for use by LE/370
5. Address of a double-word into which C/370 saves its partition token
6. Reserved
7. Address of a fullword containing the length of the EIB
8. Address of a fullword into which C/370 saves the length of the thread work-area required for C programs
9. Address of a fullword into which C/370 saves its interface-level number.

Partition termination

1. Function (partition termination)
2. Address of reason code
3. Address of user EIB
4. Address of 240-byte work-area for use by C/370
5. Address of C/370 partition token.

Thread initialization

1. Function (thread initialization)
2. Address of reason code
3. Address of user EIB
4. Address of 240-byte work-area for use by C/370
5. Address of C/370 partition token
6. Address of a double-word into which C/370 saves its thread token
7. Address of C/370 thread Work-area.

Thread termination

1. Function (thread termination)
2. Address of reason code
3. Address of user EIB
4. Address of 240-byte work-area for use by C/370
5. Address of C/370 partition token
6. Address of C/370 thread token.

Run-unit initialization

1. Function (run-unit initialization)
2. Address of reason code
3. Address of user EIB
4. Address of 240-byte work-area for use by C/370
5. Address of C/370 partition token
6. Address of C/370 thread token
7. Address of C/370 run-unit token
8. Address of C/370 run-unit work area
9. Address of token-holding module entry point
10. Address of EIB and COMMAREA address vector
11. Address of ioinfo.

Run-unit begin invocation: This function is not supported for C/370.

Run-unit end invocation: This function is not supported for C/370.

Run-unit termination

1. Function (run-unit termination)
2. Address of reason code
3. Address of user EIB
4. Address of 240-byte work-area for use by C/370
5. Address of C/370 partition token
6. Address of C/370 thread token
7. Address of C/370 run-unit token
8. Address of celinfo.

Determine program type

1. Function (determine program type)
2. Address of reason code
3. Address of user EIB
4. Address of 240-byte work-area for use by C/370
5. Address of C/370 partition token
6. Address of C/370 thread token
7. Address of token-holding program load point
8. Address of token-holding program entry point
9. Address of fullword containing program flags to be set by C/370
10. Address of fullword to receive the length of the required run-unit work-area
11. Program flags fullword.

Working storage locate

1. Function (working storage locate)
2. Address of reason code
3. Address of user EIB
4. Address of 240-byte work-area for use by C/370
5. Address of C/370 partition token
6. Address of C/370 thread token for the user transaction
7. Address of the user program's register save area
8. Address of a fullword into which C/370 saves the address of the user program's working storage
9. Address of a fullword into which C/370 saves the length of the user program's working storage.

Perform Goto: This function is not supported for C/370.

Program control

Point ID	Module	Lvl	Type	Data
AP 2000	DFHPCPG	AP 1	Entry	1 Request byte 2 Secondary Request byte
AP 2001	DFHPCPG	AP 1	Exit	1 Request byte 2 Secondary Request byte
AP 2003	DFHPCPG	Exc	Invalid Function	1 Request byte 2 Secondary Request byte 3 Program name

Signon

Point ID	Module	Lvl	Type	Data
AP 2040	DFHSNUS	AP 1	Entry	1 DFHSNUS parameter list
AP 2041	DFHSNUS	AP 1	Exit	1 DFHSNUS parameter list
AP 2042	DFHSNUS	Exc	Invalid function	1 DFHSNUS parameter list
AP 2043	DFHSNUS	Exc	Invalid format	1 DFHSNUS parameter list
AP 2044	DFHSNUS	AP 1	Recovery entered	1 DFHSNUS parameter list 2 Kernel error data
AP 2045	DFHSNUS	Exc	Unknown exception	1 DFHSNUS parameter list
AP 2046	DFHSNUS	Exc	Corrupted user token	1 DFHSNUS parameter list
AP 2047	DFHSNUS	Exc	DFHZCUT failure	1 DFHSNUS parameter list
AP 2048	DFHSNUS	AP 2	DFHSNEX before signon or signoff	1 Address of TCTTE 2 DFHSNEX control block
AP 2049	DFHSNUS	AP 2	DFHSNEX after signon or signoff	1 Address of TCTTE 2 DFHSNEX control block
AP 2050	DFHSNAS	AP 1	Entry	1 DFHSNUS parameter list
AP 2051	DFHSNAS	AP 1	Exit	1 DFHSNUS parameter list
AP 2052	DFHSNAS	AP 1	Recovery entered	1 DFHSNUS parameter list 2 Kernel error data
AP 2053	DFHSNAS	Exc	Corrupted user token	1 DFHSNUS parameter list
AP 2054	DFHSNAS	Exc	Unknown exception	1 DFHSNUS parameter list
AP 2055	DFHSNAS	Exc	Unexpected reason	1 DFHSNUS parameter list
AP 2056	DFHSNAS	Exc	User token mismatch	1 DFHSNUS parameter list
AP 2060	DFHSNSU	AP 1	Entry	1 DFHSNUS parameter list
AP 2061	DFHSNSU	AP 1	Exit	1 DFHSNUS parameter list
AP 2062	DFHSNSU	AP 1	Recovery entered	1 DFHSNUS parameter list 2 Kernel error data
AP 2063	DFHSNSU	Exc	Unknown exception	1 DFHSNUS parameter list
AP 2064	DFHSNSU	Exc	Corrupted user token	1 DFHSNUS parameter list
AP 2065	DFHSNSU	Exc	Language not supported	1 DFHSNUS parameter list
AP 2066	DFHSNSU	Exc	Second delete failed	1 DFHSNUS parameter list
AP 2067	DFHSNSU	Exc	User token mismatch	1 DFHSNUS parameter list
AP 2068	DFHSNSU	AP 1	Signon not by session	1 DFHSNUS parameter list
AP 2069	DFHSNSU	AP 1	Signon by surrogate	1 DFHSNUS parameter list
AP 206A	DFHSNSU	Exc	Default session signon failure	1 DFHSNUS parameter list
AP 206B	DFHSNSU	AP 1	Signoff not by session	1 DFHSNUS parameter list
AP 206C	DFHSNSU	AP 1	Signoff by surrogate	1 DFHSNUS parameter list
AP 206D	DFHSNSU	AP 1	Session not signed on	1 DFHSNUS parameter list
AP 2070	DFHSNPU	AP 1	Entry	1 DFHSNUS parameter list
AP 2071	DFHSNPU	AP 1	Exit	1 DFHSNUS parameter list
AP 2072	DFHSNPU	AP 1	Recovery entered	1 DFHSNUS parameter list 2 Kernel error data
AP 2073	DFHSNPU	Exc	Language not supported	1 DFHSNUS parameter list
AP 2074	DFHSNPU	Exc	Language suffix error	1 DFHSNUS parameter list
AP 2075	DFHSNPU	Exc	Unknown exception	1 DFHSNUS parameter list
AP 2076	DFHSNPU	Exc	Corrupted user token	1 DFHSNUS parameter list
AP 2077	DFHSNPU	Exc	Message domain failure	1 DFHSNUS parameter list
AP 2078	DFHSNPU	Exc	User inquiry default error in signon	1 DFHSNUS parameter list
AP 2079	DFHSNPU	Exc	User inquiry default error in signoff	1 DFHSNUS parameter list
AP 2080	DFHSNTU	Exc	Entry	1 DFHSNUS parameter list
AP 2081	DFHSNTU	Exc	Exit	1 DFHSNUS parameter list
AP 2082	DFHSNTU	Exc	Invalid function	1 DFHSNUS parameter list
AP 2083	DFHSNTU	Exc	Recovery entered	1 DFHSNUS parameter list 2 Kernel error data
AP 2084	DFHSNTU	Exc	DFHXMIQ failure in signon	1 DFHSNUS parameter list
AP 2085	DFHSNTU	Exc	Validate language code error	1 DFHSNUS parameter list
AP 2086	DFHSNTU	Exc	Unknown exception	1 DFHSNUS parameter list

Table 57 (Page 2 of 3). Signon trace points

Point ID	Module	Lvl	Type	Data
AP 2087	DFHSNTU	Exc	User domain failure	1 DFHSNUS parameter list
AP 2088	DFHSNTU	Exc	Corrupted user token	1 DFHSNUS parameter list
AP 2089	DFHSNTU	Exc	Message domain failure	1 DFHSNUS parameter list
AP 208A	DFHSNTU	Exc	User inquiry default error in signon	1 DFHSNUS parameter list
AP 208B	DFHSNTU	Exc	Add transaction user error in signon	1 DFHSNUS parameter list
AP 208C	DFHSNTU	Exc	Delete transaction user error in signon	1 DFHSNUS parameter list
AP 208D	DFHSNTU	Exc	Unsuccessful backout	1 DFHSNUS parameter list
AP 208E	DFHSNTU	Exc	DFHXMIQ failure in signoff	1 DFHSNUS parameter list
AP 208F	DFHSNTU	Exc	User inquiry default error in signoff	1 DFHSNUS parameter list
AP 2090	DFHSNTU	Exc	Add transaction user error in signoff	1 DFHSNUS parameter list
AP 2091	DFHSNTU	Exc	Delete transaction user error in signoff	1 DFHSNUS parameter list
AP 2092	DFHSNTU	Exc	Delete user error in signoff	1 DFHSNUS parameter list
AP 2095	DFHSNTU	Exc	Language not supported	1 DFHSNUS parameter list
AP 2096	DFHSNTU	Exc	Failure in XRF tracking	1 DFHSNUS parameter list
AP 2097	DFHSNTU	Exc	Failure to externalize signon	1 DFHSNUS parameter list
AP 20A0	DFHSNXR	AP 1	Entry	1 DFHSNXR parameter list
AP 20A1	DFHSNXR	AP 1	Exit	1 DFHSNXR parameter list
AP 20A2	DFHSNXR	AP 1	Recovery entry	1 DFHSNXR parameter list
AP 20A3	DFHSNXR	Exc	Invalid format	1 DFHSNUS parameter list
AP 20A4	DFHSNXR	Exc	Invalid function	1 DFHSNUS parameter list
AP 20A5	DFHSNXR	Exc	Invalid externalized buffer	1 DFHSNUS parameter list
AP 20A6	DFHSNXR	Exc	Invalid externalized block	1 DFHSNUS parameter list
AP 20A7	DFHSNXR	Exc	Message domain failure	1 DFHSNUS parameter list
AP 20A8	DFHSNXR	Exc	User inquiry default user error	1 DFHSNUS parameter list
AP 20A9	DFHSNXR	Exc	Null TCTTE address	1 DFHSNUS parameter list
AP 20AA	DFHSNXR	Exc	Invalid terminal type	1 DFHSNUS parameter list
AP 20AB	DFHSNXR	Exc	Invalid user token	1 DFHSNUS parameter list
AP 20AC	DFHSNXR	Exc	User domain failure	1 DFHSNUS parameter list
AP 20C0	DFHSNSG	AP 2	Before signon	1 Pointer to surrogate TCTTE 2 Surrogate TCTTE's DFHSNEX control block 3 Pointer to session's TCTTE 4 Session TCTTE's DFHSNEX control block
AP 20C1	DFHSNSG	AP 2	After signon	1 Pointer to surrogate TCTTE 2 Surrogate TCTTE's DFHSNEX control block 3 Pointer to session's TCTTE 4 Session TCTTE's DFHSNEX control block
AP 20C2	DFHSNSG	AP 2	Before signoff	1 Pointer to surrogate TCTTE 2 Surrogate TCTTE's DFHSNEX control block 3 Pointer to session's TCTTE 4 Session TCTTE's DFHSNEX control block
AP 20C3	DFHSNSG	AP 2	After signoff	1 Pointer to surrogate TCTTE 2 Surrogate TCTTE's DFHSNEX control block 3 Pointer to session's TCTTE 4 Session TCTTE's DFHSNEX control block
AP 20C4	DFHSNSG	AP 1	Entry	1 DFHSNUS parameter list
AP 20C5	DFHSNSG	AP 1	Exit	1 DFHSNUS parameter list
AP 20C6	DFHSNSG	AP 1	Recovery entered	1 DFHSNUS parameter list 2 Kernel error data
AP 20FB	DFHXSEV	AP 1	Entry	1 Pointers to SAF parameter list and SAF work area 2 SAF parameter list 3 RACINIT parameter list
AP 20FC	DFHXSEV	AP 1	Exit	1 Four-word return code data area
AP 20FD	DFHXSEV	AP 2	Vendor code entry	1 Pointers to SAF parameter list and SAF work area 2 SAF parameter list 3 RACINIT parameter list 1 Four-word return code data area
AP 20FE	DFHXSEV	AP 2	Vendor code exit	1 Kernel error data
AP 20FF	DFHXSEV	AP 1	Recovery entered	1 Kernel error data
AP 2130	DFHCLS3	Exc	Invalid TCTTE type	1 Address of TCTTE 2 Terminal ID 3 Terminal Type
AP 2131	DFHCLS3	Exc	Invalid Start code	1 Start code
AP 2133	DFHCLS3	Exc	Bad start of Data	1 First 20 bytes of retrieved data
AP 2134	DFHCLS3	Exc	Invalid Connection Type	1 Address of Terminal Data Control block 2 Terminal name 3 Terminal type
AP 2136	DFHCLS3	Exc	Invalid Connection Type	1 Address of Terminal Data Control block 2 Terminal name 3 Terminal type
AP 2135	DFHCLS3	Exc	Connection not located	1 SYSID Name
AP 2137	DFHCLS3	Exc	Connection not located	1 SYSID Name

Table 57 (Page 3 of 3). Signon trace points

Point ID	Module	Lvl	Type	Data
AP 2200	DFHDMRM	AP 1	Entry	1 Parameter list 2 CSD Manager Task Local Storage (if backout)
AP 2201	DFHDMRM	AP 1	Exit	1 Parameter list
AP 2202	DFHDMRM	Exc	Invalid function, format or Recovery entered	1 Parameter list

Server support for CICS Clients

Table 58 shows the trace entries for CICS Clients support.

Note: Turning on level 2 tracing when you are using DBCS code pages with client virtual terminals causes the amount of trace information to increase substantially.

Table 58 (Page 1 of 3). CICS Client support trace points

Point ID	Module	Lvl	Type	Data
AP 3000	DFHZCN1	TC 1	Entry	1 None
AP 3001	DFHZCN1	TC 1	Exit	1 Connection netname 2 CCIN output
AP 3002	DFHZCN1	Exc	Invalid function	1 Connection netname 2 Data received
AP 3003	DFHZCN1	Exc	Invalid synclevel	1 Connection netname
AP 3004	DFHZCN1	Exc	Length error	1 Connection netname 2 Length received
AP 3005	DFHZCN1	Exc	DFHZCN2 install error	1 Connection netname
AP 3006	DFHZCN1	Exc	DFHZCN2 uninstall error	1 Connection netname
AP 3007	DFHZCN1	Exc	Disaster	1 Connection netname
AP 3008	DFHZCN1	Exc	Invalid start type	1 Start type
AP 3009	DFHZCN1	Exc	Logic error	1 Connection netname
AP 300A	DFHZCN1	Exc	Install canceled	1 Connection netname
AP 300B	DFHZCN1	Exc	Invalid version	1 Connection netname 2 Data received
AP 300C	DFHZCN1	Exc	Invalid principal facility	1 TCZFCAAA
AP 300D	DFHZCN1	Exc	Invalid group	1 Connection netname 2 Data received
AP 300E	DFHZCN1	Exc	Invalid data	1 Connection netname 2 Data received
AP 300F	DFHZCN1	Exc	No code page given	1 Connection netname 2 CCIN input
AP 3010	DFHZCN2	TC 1	Entry	1 DFHZCN2 input parameters
AP 3011	DFHZCN2	TC 1	Exit	1 Parameter list 2 Netname of client
AP 3014	DFHZCN2	Exc	Invalid function	1 Connection netname 2 Data received
AP 3015	DFHZCN2	Exc	Conditional enqueue failed	1 None
AP 3016	DFHZCN2	Exc	Recovery entered	1 DFHZCN2 parameter list 2 Kernel error data
AP 3018	DFHZCN2	Exc	CDTS attach failed	1 CCIN input 2 Termid 3 Connection netname
AP 3019	DFHZCN2	Exc	CDTS timeout	1 CCIN input 2 Termid 3 Connection netname
AP 301A	DFHZCN2	Exc	Invalid capabilities	1 Connection netname 2 CCIN input
AP 301C	DFHZCN2	Exc	Surrogate busy	1 CCIN input 2 Termid 3 Connection netname
AP 3020	DFHZCT1	TC 1	Entry	1 None
AP 3021	DFHZCT1	TC 1	Exit	1 CTIN input 2 Termid 3 Netname 4 CTIN output
AP 3022	DFHZCT1	Exc	Receive failed	1 Netname 2 Data length
AP 3023	DFHZCT1	TC 1	Input data	1 Netname 2 CTIN input
AP 3024	DFHZCT1	Exc	CTIN group is not for event	1 Netname 2 CTIN input

Table 58 (Page 2 of 3). CICS Client support trace points

Point ID	Module	Lvl	Type	Data
AP 3025	DFHZCT1	Exc	CITS attach failed	1 CTIN input 2 Termid 3 Netname 4 CTIN output 5 RWE
AP 3026	DFHZCT1	Exc	Duplicate found	1 CTIN input 2 Termid 3 Netname 4 CTIN output 5 RWE
AP 3027	DFHZCT1	Exc	CITS timeout	1 CTIN input 2 Termid 3 Netname 4 CTIN output 5 RWE
AP 3028	DFHZCT1	Exc	CDTS attach failed	1 CTIN input 2 Termid 3 Netname 4 CTIN output 5 RWE
AP 3029	DFHZCT1	Exc	CDTS timeout	1 CTIN input 2 Termid 3 Netname 4 CTIN output 5 RWE
AP 302A	DFHZCT1	Exc	Invalid start type	1 Start type
AP 302B	DFHZCT1	Exc	Invalid synclevel	1 Netname
AP 302D	DFHZCT1	Exc	Data length error	1 Netname 2 Data length
AP 302E	DFHZCT1	Exc	Install surrogate in use	1 CTIN input 2 Termid 3 Netname 4 CTIN output 5 RWE
AP 302F	DFHZCT1	Exc	Delete surrogate in use	1 CTIN input 2 Termid 3 Netname 4 CTIN output 5 RWE
AP 3030	DFHZCT1	Exc	CITS abend	1 CTIN input 2 Termid 3 Netname 4 CTIN output 5 RWE
AP 3031	DFHZCT1	Exc	Get BPS failed	1 CTIN input 2 Termid 3 Netname 4 CTIN output 5 RWE
AP 3032	DFHZCT1	Exc	Invalid principal facility	1 TCZFCAAA
AP 3033	DFHZCT1	Exc	Invalid data	1 Netname 2 CTIN input
AP 3034	DFHZCT1	Exc	Invalid function	1 Netname 2 CTIN input
AP 3035	DFHZCT1	Exc	Invalid code page	1 CTIN input 2 Termid 3 Netname 4 CTIN output 5 CGCSGID
AP 3036	DFHZCT1	Exc	Wrong version	1 Netname 2 CTIN input
AP 3037	DFHZCT1	Exc	Netname missing for delete	1 Netname 2 CTIN input
AP 3038	DFHZCT1	Exc	Unexpected response from DFHCCNV	1 CTIN input 2 Termid 3 Netname 4 CTIN output 5 DFHC32 commarea
AP 3039	DFHZCT1	Exc	CTIN remote	1 Netname
AP 3040	DFHZCN1	Exc	No capabilities given	1 Connection netname 2 CCIN input
AP 3041	DFHZCN1	Exc	CCIN remote	1 Connection netname

Table 58 (Page 3 of 3). CICS Client support trace points

Point ID	Module	Lvl	Type	Data
AP 3050	DFHCCNV3	TC 1	Check Client code page entry	1 Parameter list for 3270 data streams functions
AP 3051	DFHCCNV3	TC 1	Check Client code page exit	1 Parameter list for 3270 data streams functions
AP 3052	DFHCCNV3	TC 1	Check convertible entry	1 Client code page 2 Server character set 3 Server code page
AP 3053	DFHCCNV3	TC 1	Check convertible exit	1 Conversion token 2 Response, reason
AP 3054	DFHCCNV3	TC 1	DFHCCNV3 Entry entry exit	1 Parameter list for 3270 data streams functions
AP 3055	DFHCCNV3	TC 1	DFHCCNV3 Invalid function exit	1 Parameter list for 3270 data streams functions
AP 3056	DFHCCNV3	Exc	Invalid Function	1 Parameter list for 3270 data streams functions
AP 3057	DFHCCNV3	TC 1	Convert Data Stream entry	1 Parameter list for 3270 data streams functions 2 Up to 256 bytes of the data stream or 'SUPPRESSED DUE TO CONFDATA=HIDETC IN SIT'
AP 3058	DFHCCNV3	TC 2	Convert Data Stream entry	1 Up to 4000 bytes of the data stream or 'SUPPRESSED DUE TO CONFDATA=HIDETC IN SIT'
AP 3059	DFHCCNV3	TC 2	Convert Data Stream exit	1 Up to 4000 bytes of the converted data stream or 'SUPPRESSED DUE TO CONFDATA=HIDETC IN SIT'
AP 305A	DFHCCNV3	TC 1	Convert Data Stream entry	1 Parameter list for 3270 data streams functions 2 Up to 256 bytes of the data stream or 'SUPPRESSED DUE TO CONFDATA=HIDETC IN SIT'
AP 305B	DFHCCNV3	Exc	3270 data length is zero	1 Parameter list for 3270 data streams functions
AP 305C	DFHCCNV3	Exc	Target Invalid	1 Parameter list for 3270 data streams functions
AP 305D	DFHCCNV3	Exc	Conversion token has bad checker field	1 Parameter list for 3270 data streams functions
AP 305E	DFHCCNV3	Exc	Conversion token has bad client index	1 Parameter list for 3270 data streams functions
AP 305F	DFHCCNV3	Exc	Conversion token has bad server index	1 Parameter list for 3270 data streams functions
AP 3060	DFHCCNV3	Exc	Conversion token not for SBCS	1 Conversion token
AP 3061	DFHCCNV3	Exc	3270 SBA incomplete	1 Offset in data 2 Data after offset 3 Data before offset
AP 3062	DFHCCNV3	Exc	3270 SF incomplete	1 Offset in data 2 Data after offset 3 Data before offset
AP 3063	DFHCCNV3	Exc	3270 SFE/MF incomplete	1 Offset in data 2 Data after offset 3 Data before offset
AP 3064	DFHCCNV3	Exc	3270 SA incomplete	1 Offset in data 2 Data after offset 3 Data before offset
AP 3065	DFHCCNV3	Exc	3270 RA incomplete	1 Offset in data 2 Data after offset 3 Data before offset
AP 3066	DFHCCNV3	Exc	3270 GE used	1 Offset in data 2 Data after offset 3 Data before offset
AP 3067	DFHCCNV3	Exc	3270 EUA incomplete	1 Offset in data 2 Data after offset 3 Data before offset
AP 3068	DFHCCNV3	TC 1	Convert 3270 Aid byte entry	1 Parameter list for 3270 data streams functions 2 3270 Aid Byte
AP 3069	DFHCCNV3	TC 1	Convert 3270 Aid byte exit	1 Parameter list for 3270 data streams functions 2 3270 Aid Byte
AP 306A	DFHCCNV3	Exc	Convert 3270 Aid byte Invalid Target	1 Parameter list for 3270 data streams functions
AP 306B	DFHCCNV3	TC 1	Free conversion token entry	1 Parameter list for 3270 data streams functions
AP 306C	DFHCCNV3	TC 1	Free conversion token exit	1 Parameter list for 3270 data streams functions
AP 306D	DFHCCNV3	Exc	Getmain Failure	1 Parameter list for 3270 data streams functions
AP 306E	DFHCCNV3	Exc	Freemain Failure	1 Parameter list for 3270 data streams functions
AP 306F	DFHCCNV3	Exc	SBA too high for screen size	1 Offset in data 2 Data before offset 3 Data after offset 4 Number of screen columns or zero 5 Number of screen rows or zero
AP 3070	DFHCCNV3	TC 2	Before DBCS screen map update	1 DBCS screen map
AP 3071	DFHCCNV3	TC 2	After DBCS screen map update	1 DBCS screen map
AP 3072	DFHCCNV3	TC 1	Get conversion token entry	1 Parameter list for 3270 data streams functions
AP 3073	DFHCCNV3	TC 1	Get conversion token exit	1 Parameter list for 3270 data streams functions
AP 3074	DFHCCNV3	Exc	Conversion token has invalid token storage address	1 Parameter list for 3270 data streams functions
AP 3075	DFHCCNV3	Exc	Length of 3270 data stream is zero	1 Parameter list for 3270 data streams functions

User exit routines

<i>Table 59 (Page 1 of 2). User exit routines</i>				
Point ID	Module	Lvl	Type	Data
AP D500	DFHUEH	UE 1	Before exit call	1 Exit ID
AP D501	DFHUEH	UE 1	After exit call	2 Exit program name 1 Return code 2 Address of EPB 3 Exit program name
AP D502	DFHSUEX	UE 1	Before exit call	1 Exit ID
AP D503	DFHSUEX	UE 1	After exit call	2 Exit program name 1 Return code 2 Address of EPB 3 Exit program name
AP D504	DFHSUEX	Exc	Invalid function	1 DFHSUEX parameter list
AP D505	DFHSUEX	Exc	Invalid format	1 DFHSUEX parameter list
AP D506	DFHSUEX	Exc	Clear error during recovery	1 PGEX_RESPONSE 2 PGEX_REASON 3 Program token 4 PLCB
AP D507	DFHSUEX	Exc	Prepare exit error	1 PGEX_RESPONSE 2 PGEX_REASON 3 Program token 4 PLCB
AP D508	DFHSUEX	Exc	Clear exit error	1 PGEX_RESPONSE 2 PGEX_REASON 3 Program token 4 PLCB
AP D509	DFHUEH	Exc	Prepare exit error	1 PGEX_RESPONSE 2 PGEX_REASON 3 Program token 4 PLCB
AP D50A	DFHUEH	Exc	Clear exit error	1 PGEX_RESPONSE 2 PGEX_REASON 3 Program token 4 PLCB
AP D50B	DFHUEH	Exc	Clear error during recovery	1 PGEX_RESPONSE 2 PGEX_REASON 3 Program token 4 PLCB
AP D50D	DFHUEH	UE 1	Handle abend exit modified address	1 Branch address 2 Program name
AP D50E	DFHUEH	Exc	Recovery	1 DFHUEPAR parameter list 2 Kernel error data
AP D50F	DFHSUEX	Exc	Recovery	1 DFHSUEX parameter list 2 Kernel error data
AP D510	DFHAPEX	AP 1	Entry	3 Name of program in error 1 DFHAPEX parameter list
AP D511	DFHAPEX	AP 2	Entry part 1	Up to 200 bytes of each exit parameter: 1 Exit parameter 1 2 Exit parameter 2 3 Exit parameter 3 4 Exit parameter 4 5 Exit parameter 5 6 Exit parameter 6 7 Exit parameter 7
AP D512	DFHAPEX	AP 2	Entry part 2	Up to 200 bytes of each exit parameter: 1 Exit parameter 8 2 Exit parameter 9 3 Exit parameter 10 4 Exit parameter 11 5 Exit parameter 12 6 Exit parameter 13 7 Exit parameter 14
AP D513	DFHAPEX	Exc	Invalid function	1 DFHAPEX parameter list
AP D514	DFHAPEX	Exc	Invalid format	1 DFHAPEX parameter list
AP D515	DFHAPEX	AP 1	Exit	1 DFHAPEX parameter list

<i>Table 59 (Page 2 of 2). User exit routines</i>				
Point ID	Module	Lvl	Type	Data
AP D516	DFHAPEX	AP 2	Exit part 1	Up to 200 bytes of each exit parameter: 1 Exit parameter 1 2 Exit parameter 2 3 Exit parameter 3 4 Exit parameter 4 5 Exit parameter 5 6 Exit parameter 6 7 Exit parameter 7
AP D517	DFHAPEX	AP 2	Exit part 2	Up to 200 bytes of each exit parameter: 1 Exit parameter 8 2 Exit parameter 9 3 Exit parameter 10 4 Exit parameter 11 5 Exit parameter 12 6 Exit parameter 13 7 Exit parameter 14
AP D518	DFHAPEX	Exc	Change mode request failed	1 DFHAPEX parameter list
AP D519	DFHAPEX	Exc	Invalid exit	1 DFHAPEX parameter list
AP D51A	DFHAPEX	Exc	User exit program failed, part 1	Up to 200 bytes of each exit parameter: 1 Exit parameter 1 2 Exit parameter 2 3 Exit parameter 3 4 Exit parameter 4 5 Exit parameter 5 6 Exit parameter 6 7 Exit parameter 7
AP D51B	DFHAPEX	Exc	User exit program failed, part 2	Up to 200 bytes of each exit parameter: 1 Exit parameter 8 2 Exit parameter 9 3 Exit parameter 10 4 Exit parameter 11 5 Exit parameter 12 6 Exit parameter 13 7 Exit parameter 14
AP D51C	DFHAPEX	Exc	Call to invoke user exit program failed	1 DFHAPEX parameter list
AP D51D	DFHAPEX	Exc	Restore mode request failed	1 DFHAPEX parameter list
AP D51F	DFHAPEX	Exc	Recovery	1 DFHAPEX parameter list
AP D521	DFHERM	Exc	Prepare exit error	2 Kernel error data 1 PGEX_RESPONSE 2 PGEX_REASON 3 Program token 4 PLCB
AP D522	DFHERM	Exc	Clear exit error	1 PGEX_RESPONSE 2 PGEX_REASON 3 Program token 4 PLCB
AP D523	DFHERM	Exc	Clear error during recovery	1 PGEX_RESPONSE 2 PGEX_REASON 3 Program token 4 PLCB
AP D524	DFHERM	Exc	Recovery	1 DFHUEPAR parameter list 2 Kernel error data
AP D525	DFHERM	EI 1	Handle abend exit modified address	1 Branch address 2 Program name
AP D530	DFHUEIQ	UE 1	Before inquire exit program	1 DFHUEIQ parameter list
AP D531	DFHUEIQ	UE 1	After inquire exit program	1 DFHUEIQ parameter list

Cancel start requests

The trace entries in the following table support the function that allows you to cancel AID control blocks on the AID chain.

<i>Table 60. Cancel AID trace entries</i>				
Point ID	Module	Lvl	Type	Data
AP D600	DFHALP	AP 1	Entry	1 DFHALP parameter list
AP D601	DFHALP	AP 1	Exit	1 DFHALP parameter list
AP D602	DFHALP	AP 1	Cancel AID entry	1 Address of cancelled AID 2 AID
AP D603	DFHALP	AP 1	DFHALP recovery invoked	1 DFHALP parameter list

Syncpoint program

Point ID	Module	Lvl	Type	Data
AP D800	DFHSPZ	SP 1	Entry	1 DFHSPZ Parameter list
AP D801	DFHSPZ	SP 1	Exit	1 DFHSPZ Parameter list
AP D802	DFHSPP	SP 1	Entry	1 Syncpoint request byte 1 and request byte 2 Syncpoint request byte 2 3 Backout_required program state
AP D803	DFHSPP	SP 1	Exit	1 Return code

Function shipping data transformation

Point ID	Module	Lvl	Type	Data
AP D900	DFHXFP	IS 1	Entry	1 Address of PLIST (4 bytes) Transformer number (1 byte) X'00' transform 1 X'02' transform 2 X'04' transform 3 X'06' transform 4 Error code (2 bytes) X'0000' on entry EXEC group/function code (EIBFN) (2 bytes)
AP D901	DFHXFP	IS 1	Exit	1 Address of PLIST (4 bytes) Transformer number (1 byte) Code type (error code—2 bytes) X'0800' transform 1 error X'0004' transform 2 error EXEC group/function code (EIBFN) (2 bytes)
AP D902	DFHXFX	IS 1	Entry	1 Address of PLIST (4 bytes) Transformer number (1 byte) Values as AP D900 Error code (2 bytes) X'0000' on entry EXEC group/function code (EIBFN) (2 bytes)
AP D903	DFHXFX	IS 1	Exit	1 Address of PLIST (4 bytes) Transformer number (1 byte) Code type (error code—2 bytes) X'0800' transform 1 error EXEC group/function code (EIBFN) (2 bytes)

AP domain statistics gathering

Point ID	Module	Lvl	Type	Data
AP DA00	DFHAPST	AP 1	Entry	1 STST Parameter list
AP DA01	DFHAPST	AP 1	Exit	1 STST Parameter list
AP DA02	DFHSTDT	AP 1	Entry	1 APST-STxx parameter list
AP DA03	DFHSTDT	AP 1	Exit	1 APST-STxx parameter list
AP DA04	DFHSTFC	AP 1	Entry	1 APST-STxx parameter list
AP DA05	DFHSTFC	AP 1	Exit	1 APST-STxx parameter list
AP DA06	DFHSTIB	AP 1	Entry	1 APST-STxx parameter list
AP DA07	DFHSTIB	AP 1	Exit	1 APST-STxx parameter list
AP DA08	DFHSTJC	AP 1	Entry	1 APST-STxx parameter list
AP DA09	DFHSTJC	AP 1	Exit	1 APST-STxx parameter list
AP DA0A	DFHSTKC	AP 1	Entry	1 APST-STxx parameter list
AP DA0B	DFHSTKC	AP 1	Exit	1 APST-STxx parameter list
AP DA0C	DFHSTLK	AP 1	Entry	1 APST-STxx parameter list
AP DA0D	DFHSTLK	AP 1	Exit	1 APST-STxx parameter list
AP DA0E	DFHSTLS	AP 1	Entry	1 APST-STxx parameter list
AP DA0F	DFHSTLS	AP 1	Exit	1 APST-STxx parameter list
AP DA10	DFHSTTD	AP 1	Entry	1 APST-STxx parameter list
AP DA11	DFHSTTD	AP 1	Exit	1 APST-STxx parameter list

AP DAxx

Table 63 (Page 2 of 3). AP domain statistics gathering

Point ID	Module	Lvl	Type	Data
AP DA12	DFHSTTM	AP 1	Entry	1 APST-STxx parameter list
AP DA13	DFHSTTM	AP 1	Exit	1 APST-STxx parameter list
AP DA14	DFHSTTN	AP 1	Entry	1 APST-STxx parameter list
AP DA15	DFHSTTN	AP 1	Exit	1 APST-STxx parameter list
AP DA16	DFHSTTR	AP 1	Entry	1 APST-STxx parameter list
AP DA17	DFHSTTR	AP 1	Exit	1 APST-STxx parameter list
AP DA18	DFHSTTS	AP 1	Entry	1 APST-STxx parameter list
AP DA19	DFHSTTS	AP 1	Exit	1 APST-STxx parameter list
AP DA1C	DFHAPST	Exc	Recovery (purged)	1 STST parameter list 2 Kernel error data
AP DA1D	DFHAPST	Exc	Recovery (looping)	1 STST parameter list 2 Kernel error data
AP DA1E	DFHAPST	Exc	Recovery (abend)	1 STST parameter list 2 Kernel error data
AP DA24	DFHAPST	Exc	Invalid format	1 STST parameter list
AP DA25	DFHAPST	Exc	Invalid function	1 STST parameter list
AP DA32	DFHSTDT	Exc	Recovery (looping)	1 APST-STxx parameter list 2 Kernel error data
AP DA33	DFHSTDT	Exc	Recovery (abend)	1 APST-STxx parameter list 2 Kernel error data
AP DA34	DFHSTDT	Exc	Recovery (macro failure)	1 APST-STxx parameter list 2 Kernel error data 3 Macro_call
AP DA35	DFHSTDT	Exc	Buffer too small	1 APST-STxx parameter list
AP DA36	DFHSTDT	Exc	Invalid function	1 APST-STxx parameter list
AP DA37	DFHSTDT	Exc	Invalid format	1 APST-STxx parameter list
AP DA38	DFHSTFC	Exc	Recovery (looping)	1 APST-STxx parameter list 2 Kernel error data
AP DA39	DFHSTFC	Exc	Recovery (abend)	1 APST-STxx parameter list 2 Kernel error data
AP DA3A	DFHSTFC	Exc	Recovery (macro failure)	1 APST-STxx parameter list 2 Kernel error data 3 Macro_call
AP DA3B	DFHSTFC	Exc	Invalid format	1 APST-STxx parameter list
AP DA3C	DFHSTFC	Exc	Invalid function	1 APST-STxx parameter list
AP DA3E	DFHSTIB	Exc	Recovery (macro failure)	1 APST-STxx parameter list 2 Kernel error data 3 Macro_call
AP DA3F	DFHSTIB	Exc	Recovery (looping)	1 APST-STxx parameter list 2 Kernel error data
AP DA40	DFHSTIB	Exc	Recovery (abend)	1 APST-STxx parameter list 2 Kernel error data
AP DA41	DFHSTIB	Exc	Invalid format	1 APST-STxx parameter list
AP DA42	DFHSTIB	Exc	Invalid function	1 APST-STxx parameter list
AP DA44	DFHSTJC	Exc	Recovery (looping)	1 APST-STxx parameter list 2 Kernel error data
AP DA45	DFHSTJC	Exc	Recovery (abend)	1 APST-STxx parameter list 2 Kernel error data
AP DA46	DFHSTJC	Exc	Recovery (macro failure)	1 APST-STxx parameter list 2 Kernel error data 3 Macro_call
AP DA47	DFHSTJC	Exc	Invalid function	1 APST-STxx parameter list
AP DA48	DFHSTJC	Exc	Invalid format	1 APST-STxx parameter list
AP DA49	DFHSTJC	Exc	Buffer too small	1 APST-STxx parameter list
AP DA4A	DFHSTKC	Exc	Recovery (looping)	1 APST-STxx parameter list 2 Kernel error data
AP DA4B	DFHSTKC	Exc	Recovery (abend)	1 APST-STxx parameter list 2 Kernel error data
AP DA4C	DFHSTKC	Exc	Recovery (macro failure)	1 APST-STxx parameter list 2 Kernel error data 3 Macro_call
AP DA4D	DFHSTKC	Exc	Invalid function	1 APST-STxx parameter list
AP DA4E	DFHSTKC	Exc	Invalid format	1 APST-STxx parameter list
AP DA50	DFHSTLK	Exc	Recovery (macro failure)	1 APST-STxx parameter list 2 Kernel error data 3 Macro_call
AP DA51	DFHSTLK	Exc	Recovery (looping)	1 APST-STxx parameter list 2 Kernel error data
AP DA52	DFHSTLK	Exc	Recovery (abend)	1 APST-STxx parameter list 2 Kernel error data
AP DA53	DFHSTLK	Exc	Invalid format	1 APST-STxx parameter list
AP DA54	DFHSTLK	Exc	Invalid function	1 APST-STxx parameter list

Table 63 (Page 3 of 3). AP domain statistics gathering

Point ID	Module	Lvl	Type	Data
AP DA55	DFHSTLK	Exc	Buffer too small	1 APST-STxx parameter list
AP DA56	DFHSTLS	Exc	Recovery (looping)	1 APST-STxx parameter list
AP DA57	DFHSTLS	Exc	Recovery (abend)	2 Kernel error data 1 APST-STxx parameter list
AP DA58	DFHSTLS	Exc	Recovery (macro failure)	2 Kernel error data 1 APST-STxx parameter list
AP DA59	DFHSTLS	Exc	Invalid format	3 Macro_call 1 APST-STxx parameter list
AP DA5A	DFHSTLS	Exc	Invalid function	1 APST-STxx parameter list
AP DA5C	DFHSTTD	Exc	Recovery (looping)	1 APST-STxx parameter list
AP DA5D	DFHSTTD	Exc	Recovery (abend)	2 Kernel error data 1 APST-STxx parameter list
AP DA5E	DFHSTTD	Exc	Recovery (macro failure)	2 Kernel error data 1 APST-STxx parameter list
AP DA5F	DFHSTTD	Exc	Invalid function	3 Macro_call 1 APST-STxx parameter list
AP DA60	DFHSTTD	Exc	Invalid format	1 APST-STxx parameter list
AP DA61	DFHSTTD	Exc	Buffer too small	1 APST-STxx parameter List
AP DA63	DFHSTTM	Exc	Recovery (looping)	1 APST-STxx parameter list 2 Kernel error data
AP DA64	DFHSTTM	Exc	Recovery (abend)	1 APST-STxx parameter list 2 Kernel error data
AP DA65	DFHSTTM	Exc	Invalid format	1 APST-STxx parameter list
AP DA66	DFHSTTM	Exc	Invalid function	1 APST-STxx parameter list
AP DA68	DFHSTTN	Exc	Recovery (looping)	1 APST-STxx parameter list 2 Kernel error data
AP DA69	DFHSTTN	Exc	Recovery (abend)	1 APST-STxx parameter list 2 Kernel error data
AP DA6A	DFHSTTN	Exc	Recovery (macro failure)	1 APST-STxx parameter list 2 Kernel error data 3 Macro_call
AP DA6B	DFHSTTN	Exc	Invalid format	1 APST-STxx parameter list
AP DA6C	DFHSTTN	Exc	Invalid function	1 APST-STxx parameter list
AP DA6E	DFHSTTR	Exc	Recovery (macro failure)	1 APST-STxx parameter list 2 Kernel error data 3 Macro_call
AP DA6F	DFHSTTR	Exc	Recovery (looping)	1 APST-STxx parameter list 2 Kernel error data
AP DA70	DFHSTTR	Exc	Recovery (abend)	1 APST-STxx parameter list 2 Kernel error data
AP DA71	DFHSTTR	Exc	Invalid format	1 APST-STxx parameter list
AP DA72	DFHSTTR	Exc	Invalid function	1 APST-STxx parameter list
AP DA73	DFHSTTR	Exc	Invalid resource type	1 APST-STxx parameter list
AP DA74	DFHSTTS	Exc	Recovery (macro failure)	1 APST-STxx parameter list 2 Kernel error data 3 Macro_call
AP DA75	DFHSTTS	Exc	Recovery (looping)	1 APST-STxx parameter list 2 Kernel error data
AP DA76	DFHSTTS	Exc	Recovery (abend)	1 APST-STxx parameter list 2 Kernel error data
AP DA77	DFHSTTS	Exc	Invalid format	1 APST-STxx parameter list
AP DA78	DFHSTTS	Exc	Invalid function	1 APST-STxx parameter list
AP DA80	DFHSII1	Exc	Add gate APST error	1 KEDD parameter list
AP DA81	DFHSTSZ	AP 1	Entry	1 APST-STxx parameter list
AP DA82	DFHSTSZ	AP 1	Exit	1 APST-STxx parameter list
AP DA83	DFHSTSZ	Exc	Invalid Format	1 APST-STxx parameter list
AP DA84	DFHSTSZ	Exc	Invalid Function	1 APST-STxx parameter list
AP DA86	DFHSTSZ	Exc	Recovery(looping)	1 APST-STxx parameter list 2 Kernal error data
AP DA87	DFHSTSZ	Exc	Recovery(abend)	1 APST-STxx parameter list 2 Kernal error data

Transaction routing data transformation

Table 64. Transaction routing data transformation

Point ID	Module	Lvl	Type	Data
AP DB00	DFHXTP	IS 1	Entry	<ul style="list-style-type: none"> 1 Address of DFHXTSTG (4 bytes) Address of TCTTE (4 bytes) Transformer number (1 byte) X'00' transform 1 X'02' transform 2 X'04' transform 3 X'06' transform 4 Status code (1 byte) X'10' flush X'20' detach X'40' attach X'80' appl request
AP DB01	DFHXTP	IS 1	Exit	<ul style="list-style-type: none"> 1 Address of DFHXTSTG (4 bytes) Address of TCTTE (4 bytes) Transformer number (1 byte) Status code (1 byte) X'00' normal response X'08' error response

IRC commands

Table 65 (Page 1 of 3). IRC commands

Point ID	Module	Lvl	Type	Data
AP DD00	DFHCRSP	IS 1	After DFHIR TYPE=LOGON	<ul style="list-style-type: none"> 1 Logon flags, IRVCLGFL 2 Applid, IRVCLGIM 3 Userid, IRVCUSID 4 Address of SLCB, IRVCLGSL 5 Return code (see page 82) 6 Reason code 6 Reason code
AP DD01	DFHCRSP	IS 2	After DFHIR TYPE=LOGON	<ul style="list-style-type: none"> 1 Maxusers arg, IRVCLGMU (logon connections list - see LCL)
AP DD02	DFHCRSP	IS 1	After DFHIR TYPE=QUIESCE	<ul style="list-style-type: none"> 1 Userid, IRVCUSID 2 Return code (see page 82) 3 Reason code
AP DD03	DFHCRSP	IS 1	After DFHIR TYPE=LOGOFF	<ul style="list-style-type: none"> 1 Userid, IRVCUSID 2 Return code (see page 82) 3 Reason code
AP DD04	DFHCRSP	IS 1	After DFHIRP level check	<ul style="list-style-type: none"> 1 Return code (1) 2 Caller's level ID 3 DFHIRP's level ID
AP DD11	DFHCRNP	IS 1	After DFHIR TYPE=PULL	<ul style="list-style-type: none"> 1 Address of SCCB, CRSCCBEN 2 Applid of connectee, SCCBCNAM 3 Userid, IRVCUSID 4 Threadid, IRVCTHID 5 Return code (see page 82) 6 Reason code
AP DD12	DFHCRNP	IS 2	Allocation of session TCTTE	<ul style="list-style-type: none"> 1 Address of SCCB, CRSCCBEN 2 Applid of connectee, SCCBCNAM 3 Address of session TCTTE 4 Name of session TCTTE, TCTTETI
AP DD14	DFHCRNP	IS 1	LUWID from batch CONNECT	<ul style="list-style-type: none"> 1 LUWID, TCTESLWD
AP DD15	DFHCRNP	IS 1	Inbound RH	<ul style="list-style-type: none"> 1 Inbound RH, TCTESRHI
AP DD16	DFHCRNP	IS 2	Inbound RU	<ul style="list-style-type: none"> 2 Inbound physical sequence number, TCTESQIP 1 RU length 2 First 2000 bytes of RU (if RU > 4000 bytes), else all RU 3 Final 2000 bytes of RU of RU (if RU > 4000 bytes), else noneor 2, 3 'SUPPRESSED DUE TO CONFDATA=HIDETC IN SIT'

Table 65 (Page 2 of 3). IRC commands

Point ID	Module	Lvl	Type	Data
AP DD17	DFHCRNP	IS 1	After DFHIR TYPE=CONNECT	1 Address of session TCTTE 2 Userid, IRVCUSID 3 Threadid, IRVCTHID 4 Applid of connect-system, IRVCCNTO 5 Address of SCCB, IRVCCNSC 6 Return code (see page 82) 7 Reason code
AP DD18	DFHCRNP	IS 1	MRO control task CSNC dequeues a work element from immediate or delay work queue	1 Element type concatenated with element subtype (2 bytes) 2 Time stamp in STCK format (8 bytes) 3 Address of SCCB, or 0 if none (4 bytes) 4 applid of associated system, or blanks if none, or '***BATCH' if batch (8 bytes) 5 Address of session TCTTE, or 0 if none (4 bytes) 6 Name of session TCTTE, or 0 if none (4 bytes) 7 Address of TIOA if work element type=X'7', or 0 otherwise (4 bytes)
AP DD19	DFHCRNP	IS 1	CSNC dequeues a redundant work element for work related to a previous use of an MRO session. The work element is that last traced by CSNC	
AP DD20	DFHZIS2	IS 1	After DFHIR TYPE=PULL	1 Address of SCCB, TCTESCCB 2 Applid of connectee, SCCBCNAM 3 Userid, IRVCUSID 4 Threadid, IRVCTHID 5 Return code (see page 82) 6 Reason code
AP DD21	DFHZIS2	IS 1	After DFHIR TYPE=SWITCH	1 Address of SCCB, TCTESCCB 2 Applid of connectee, SCCBCNAM 3 Type of switch, first or subsequent, IRVCSTYP 4 Userid, IRVCUSID 5 Threadid, IRVCTHID 6 Return code (see page 82) 7 Reason code
AP DD22	DFHZIS2	IS 1	Outbound RH	1 Outbound RH, TCTESRHO 2 Outbound physical sequence number, TCTESQOP 3 Outbound LU6.2 style attach FMH (if present), TCTEIRTA (see DFHFHMDS)
AP DD23	DFHZIS2	IS 2	Outbound RU	1 RU length 2 First 4000 bytes of TIOA unless suppressed. 3 Last 2000 bytes of TIOA if more than 4000 bytes
AP DD24	DFHZIS2	IS 1	Inbound RH	1 Inbound RH, TCTESRHI
AP DD25	DFHZIS2	IS 2	Inbound RU	2 Inbound physical sequence number, TCTESQIP 1 RU length 2 TIOA if less than 4000 bytes or first 2000 bytes 3 Last 2000 bytes of TIOA if more than 4000 bytes
AP DD26	DFHZIS2	IS 1	After DFHIR TYPE=DISC	1 Address of SCCB, ISCRQTCT 2 Applid of disconnectee, SCCBCNAM 3 Userid, IRVCUSID 4 Threadid, IRVCTHID 5 Return code (see page 82) 6 Reason code
AP DD27	DFHZIS2	IS 1	After DFHIR TYPE=QUIESCE	1 Userid, IRVCUSID 2 Function modifier, immediate or normal quiesce, IRVCSTYP 3 Applid of system to be quiesced, IRVCCNTO 4 Return code (see page 82) 5 Reason code
AP DD28	DFHZIS2	IS 1	After DFHIR TYPE=LOGOFF	1 Userid, IRVCUSID 2 Return code (see page 82) 3 Reason code
AP DD29	DFHZIS2	IS 1	After DFHIR TYPE=INSERV	1 Userid, IRVCUSID 2 Applid of system to be brought into service, IRVCCNTO 3 Return code (see page 82) 4 Reason code

Table 65 (Page 3 of 3). IRC commands

Point ID	Module	Lvl	Type	Data
AP DD2A	DFHZIS2	IS 1	After DFHIR TYPE=ADD	1 ADD type (PREPARE, COMMIT, or ROLLBACK) 2 Userid, IRVCUSID 3 Applid 4 ADD token 5 Dynamic ADD LCL if PREPARE, otherwise return code (see page 82) 6 Return code if PREPARE (see page 82) otherwise reason code 7 Reason code
AP DD30	DFHCRR	IS 2	Session recovery (send)	1 Address of session TCTTE, TCAFCAAA 2 Name of session TCTTE, TCTTETI 3 ISC flags, primary or secondary session, TCTEISC1 4 Sequence numbers, TCTESQIP, TCTESQOP, TCTESQIL, TCTESQOL
AP DD31	DFHCRR	IS 2	Session recovery (receive)	1 Address of session TCTTE, TCAFCAAA 2 Name of session TCTTE, TCTTETI 3 ISC flags, primary or secondary session, TCTEISC1 4 Sequence numbers, TCTESQIP, TCTESQOP, TCTESQIL, TCTESQOL

IRC command return codes: IRC command return codes are as follows:

X'04' Invalid function requested
X'08' User not authorized to use SVC
X'0C' Environment incorrect or secondary to primary converter
X'10' Invalid user number
X'14' Invalid user identification
X'18' Invalid LCB address (internal error)
X'1C' Invalid thread number
X'20' Invalid thread ID
X'24' Set footprint failed
X'34' No SCTE in the SVA
X'38' No free LACBE for logon
X'3C' Duplicate logon
X'40' Maximum logons already reached
X'48' GETMAIN failed LACB storage
X'4C' GETMAIN failed SUDB storage
X'50' GETMAIN failed LCB/CCB storage
X'54' GETMAIN failed SLCB/SCCB storage
X'58' LCB not on SUDB chain
X'5C' System not logged on
X'60' System not connectable
X'64' GETMAIN failed CSB storage
X'68' Secondary system not in primary LCB
X'6C' No secondary CCB; found for primary system
X'70' Secondary is in-quiesce
X'74' Primary system not in secondary LCB
X'78' No primary CCB found for secondary system
X'7C' Primary is in-quiesce
X'80' No primary CCB; retry request
X'84' Link is already disconnected
X'88' Other side cannot receive data

X'8C' This side cannot send data
X'90' Other side cannot be pulled from
X'94' This side cannot pull data
X'98' There is no pull pending
X'9C' No data to be pulled (internal error)
X'A0' LCB is in-quiesce
X'A4' Target system not found in LCB
X'A8' CSB cannot be found
X'AC' Link is not connected
X'B0' Security check failed
X'B4' Attempt to schedule an SRB/subtask failed
X'B8' GETMAIN failed for SRB storage
X'BC' "Special" abend (for example, bad ECB)
X'CO' Invalid argument or parameter addr
X'C4' Invalid address in parameter list
X'C8' Invalid address in data list
X'CC' Load of DFHACEE failed
X'D0' GETMAIN failed for transfer buffer
X'D4' GETMAIN failed for SSVT, SCTE, workarea
X'D8' Subsystem notification error
X'DC' Invalid target for data movement
X'E0' Internal logic error
X'E4' GETMAIN failed for use count array
X'E8' Nonzero AX value currently set
X'EC' GETMAIN failed for logon connections list
X'F0' Connect SRB ATSET failed
X'F4' No free entries in AX array or
 No free entries in LX array or
 Cross memory environment error
X'F8' Total data length invalid for switch or pull
X'FC' M/C check paging I/O or data error
X'100' Bad name supplied for interregion work exit
X'104' Load failed for interregion work exit
X'108' Interregion work exit has bad format

EXEC interface

Table 66. Exec Interface

Point ID	Module	Lvl	Type	Data
AP E110	DFHEISR	AP 2	Entry	1 EISR parameter list
AP E111	DFHEISR	AP 2	Exit	1 EISR parameter list
AP E112	DFHEISR	Exc	Recovery	1 EISR parameter list 2 Kernel error data
AP E113	DFHEISR	Exc	Storage not within DSA	1 EISR parameter list
AP E114	DFHEISR	Exc	INQUIRE_ACCESS request failed	1 EISR parameter list 2 SMSR parameter list
AP E115	DFHEISR	Exc	Invalid function	1 EISR parameter list
AP E116	DFHEISR	Exc	GETMAIN request failed	1 EISR parameter list 2 SMMC parameter list
AP E117	DFHEISR	Exc	Invalid data length	1 EISR parameter list
AP E118	DFHETC	Exc	LENGERR	1 TIOADBA 2 Data at TIOADBA (up to 128 bytes) 3 Length of data 4 Length of input area
AP E119	DFHEIQVT	Exc	Invalid response from ZOPA	1 ZOPA return code 2 ZOPA reason code
AP E120	DFHSAIQ	AP 1	Entry	1 Parameter list
AP E121	DFHSAIQ	AP 1	Exit	1 Parameter list
AP E122	DFHSAIQ	Exc	Recovery	1 Parameter list 2 Kernel Error data
AP E11A	DFHEKC	Exc	WAIT EVENT bad ECB address	1 ECB address
AP E11B	DFHEIQSK	Exc	WAIT CICS bad ECB address	1 ECB address 2 ECBlist address
AP E11C	DFHEIQSK	Exc	WAIT EXTERNAL bad ECB address	1 ECB address 2 ECBlist address
AP E150	DFHEIP	AP 2	Entry GETMAIN/FREEMAIN subroutines	1 Request
AP E151	DFHEIP	AP 2	Exit GETMAIN/FREEMAIN subroutines	1 Request
AP E160	DFHEISR	AP 2	Entry	1 Command parameters (see Note) 2 Application parameter list 3 Application reg 1 4 EIB
AP E161	DFHEISR	AP 2	Exit	1 Command parameters (see Note) 2 Application parameter list 3 Application reg 1 4 EIB

Note: The entries AP E160 and AP E161 trace the interface between an application and CICS. The entries represent the command and its parameters as passed to CICS and as returned to the application.

The interpreted data from the data 1 field is shown in the interpretation string. The uninterpreted form of this data (in the data 1 field) is laid out as follows:

- Bytes 1 and 2 - length of data in data 1 field.
- The commands and their parameters in the following format:
 - Byte 1 - flag byte
 - Bytes 2 and 3 - 2 bytes of existence bits
 - Byte 4 - length of address/data
 - Bytes 5 to 8 - 4 byte address of data
 - Byte 9 onward - data, up to a maximum of 100 bytes

The first command and parameter data after the length bytes (bytes 1 and 2 of data 1) represent the values in arg0. Thereafter, they represent the application program commands.

The interpretation string, in addition to containing the formatted data 1 information, tells you:

- Whether NOHANDLE has been specified on the command
- Which language has been used (ASM, C/370, COBOL, COBOLII, PL/I, or PLX)
- Statement number of the command as calculated by the translator when DEBUG option is selected (not applicable to assembler language, however)
- RESP and RESP2 values (decimal) on exit trace.

It is advised that traces containing entries AP 150, AP 151, AP 160, and AP 161 be formatted with the FULL trace control statement. Using the ABBREV trace control statement results in interpretation strings which do not give the same level of information.

Report controller trace points

Report controller trace points

Table 67 (Page 1 of 3). Report controller trace points

Point ID	Module	Lvl	Type	Data
AP E301	DFHPSP	RC 1	Entry	1 PSPPS parameter list 2 Token
AP E302	DFHPSP	RC 1	Exit	1 RESP value 2 RESP2 value 3 Token
AP E309	DFHEPS	RC 1	Entry ¹	1 Argument list address
AP E30A	DFHEPS	RC 1	Exit ¹	1 RESP value 2 RESP2 value 3 Argument list address 4 Token
AP E310	DFHEPSF	RC 1	Entry	1 Argument list 2 PSPPS parameter list
AP E311	DFHEPSF	RC 1	Exit	1 Resp value 2 Resp2 value 3 Argument list 4 Token
AP E319	DFHPSPCK	RC 1	Entry ³	1 PSPPS parameter list
AP E31A	DFHPSPCK	RC 1	Exit ⁴	1 RESP value 2 RESP2 value 3 PSPPS parameter list 4 PSGPS global control block address
AP E320	DFHPSPPO	RC 1	Entry ³	1 PSPPS parameter list
AP E321	DFHPSPPO	RC 1	Exit ⁵	1 Register 15 2 Register 0 3 PSPPS parameter list
AP E329	DFHPSPR	RC 1	Entry ³	1 PSPPS parameter list
AP E32A	DFHPSPR	RC 1	Exit	1 Register 15 2 Register 0
AP E330	DFHPSPDW	RC 1	Entry ³	1 Register 1
AP E331	DFHPSPDW	RC 1	Exit	None
AP E339	DFHP SOP	RC 2	PSOMC entry	None
AP E33A	DFHP SOP	RC 2	PSOMC exit	None
AP E340	DFHP SOP	RC 2	PSOMP entry	None
AP E341	DFHP SOP	RC 2	PSOMP exit	None
AP E349	DFHP SOP	RC 2	PSOEC entry	None
AP E34A	DFHP SOP	RC 2	PSOEC exit	None
AP E350	DFHP SOP	RC 2	PSOEL entry	None
AP E351	DFHP SOP	RC 2	PSOEL exit	None
AP E359	DFHP SOP	RC 2	PSOUC entry	None
AP E35A	DFHP SOP	RC 2	PSOUC exit	None
AP E360	DFHP SOP	RC 2	PSORC entry	None
AP E361	DFHP SOP	RC 2	PSORC exit	None
AP E369	DFHPSPW	RC 1	Entry ³	1 PSPPS parameter list
AP E36A	DFHPSPW	RC 1	Exit	1 Register 15 2 Register 0 None
AP E371	DFHP SOMH	RC 2	Entry (STOPBILD)	None
AP E372	DFHP SOMH	RC 2	Entry (FORMSBLD)	None
AP E373	DFHP SOMH	RC 2	Entry (MAPFLBLD)	None
AP E380	DFHP SCMD	RC 1	Entry ⁶	1 PSPPS parameter list
AP E381	DFHP SCMD	RC 1	Exit	1 Register 15 2 Register 0 3 PSPPS parameter list
AP E382	DFHP SCMD	Exc	Error processing Fixed format	1 Record Prefix 2 Register 15 3 Register 0 4 PSPPS parameter list
AP E390	DFHP SPIC	RC 1	Entry ³	1 PSPPS parameter list
AP E391	DFHP SPIC	RC 1	Exit	1 USXM_RESPONSE 2 USXM_REASON
AP E399	DFHP SPIO	RC 1	Entry ³	1 PSPPS parameter list
AP E39A	DFHP SPIO	RC 1	Exit	1 Register 15 2 Register 0
AP E39B	DFHP SPIO	Exc	DFHP SPIO(CONSP)	1 PSPPS parameter list 2 XPCCB address
AP E39C	DFHP SPIO	RC 2	Event - CONSP	1 PSPPS parameter list 2 XPCCB address
AP E39D	DFHP SPIO	RC 2	Event - DISC	1 PSPPS parameter list 2 XPCCB address
AP E39E	DFHP SPIO	RC 2	Event - DISCPRG	1 PSPPS parameter list 2 XPCCB address

Table 67 (Page 2 of 3). Report controller trace points

Point ID	Module	Lvl	Type	Data
AP E39F	DFHPSPIO	RC 2	Event - IDENTIFY	1 PSPPS parameter list 2 XPCCB address
AP E3A0	DFHPSPIO	EXC	DFHPSPIO(OPENANY)	1 PSPPS parameter list 2 XPCCB address
AP E3A1	DFHPSPIO	RC 2	Event - OPENANY	1 PSPPS parameter list 2 XPCCB address
AP E3A2	DFHPSPIO	EXC	DFHPSPIO(OPENNFY)	1 PSPPS parameter list 2 XPCCB address
AP E3A3	DFHPSPIO	RC 2	Event - OPENNFY	1 PSPPS parameter list 2 XPCCB address
AP E3A4	DFHPSPIO	RC 2	Event - RECEIVE	1 PSPPS parameter list 2 XPCCB address
AP E3A5	DFHPSPIO	EXC	DFHPSPIO(SEND)	1 PSPPS parameter list 2 XPCCB address
AP E3A6	DFHPSPIO	RC 2	Event - SEND	1 PSPPS parameter list 2 XPCCB address
AP E3A7	DFHPSPI	RC 2	Event - Wait	1 PSPPS parameter list 2 XPCCB 3 Send Buffer 4 Reply Buffer
AP E3A8	DFHPSPIO	RC 2	Event - TERM	1 PSPPS parameter list 2 XPCCB address
AP E3A9	DFHPSPIO	RC 2	Event - TERM	1 PSPPS parameter list 2 XPCCB address
AP E3B0	DFHPSPCB	RC 1	Entry ⁷	1 PSPPS parameter list
AP E3B1	DFHPSPCB	RC 1	Exit ⁷	1 Register 15 2 Register 0 3 PSPPS parameter list
AP E3B9	DFHSPSPC	RC 1	Entry ³	1 PSPPS parameter list
AP E3BA	DFHSPSPC	RC 1	Exit	1 Register 15 2 Register 0 3 Contents of control block in PSSID
AP E3BB	DFHSPSPC	RC 2	CLOSE_STANDARD	None
AP E3BD	DFHSPSPC	RC 2	CLOSE_CONTINUE	None
AP E3C0	DFHSPSPFX	RC 1	Entry ³	1 PSPPS parameter list
AP E3C1	DFHSPSPFX	RC 1	Exit	1 RESP value 2 RESP2 value
AP E3D0	DFHPSOPR	RC 2	ENTRY (DFHPSOLN)	None
AP E3D1	DFHPSOPR	RC 2	EXIT (DFHPSOLN)	None
AP E3D4	DFHPSOPR	RC 2	ENTRY (DFHPSOJS)	None
AP E3D5	DFHPSOPR	RC 2	EXIT (DFHPSOJS)	none
AP E3D8	DFHPSOPR	RC 2	ENTRY (CHKCNTRL)	None
AP E3D9	DFHPSOPR	RC 2	EXIT (CHKCNTRL)	None
AP E3DC	DFHPSOPR	RC 2	ENTRY (DFHPSODT)	1 Input record
AP E3DD	DFHPSOPR	RC 2	EXIT (DFHPSODT)	None
AP E3E0	DFHPSOPR	RC 2	ENTRY (DFHPSODR)	None
AP E3E1	DFHPSOPR	RC 2	EXIT (DFHPSODR)	None
AP E3E4	DFHPSOPR	RC 2	ENTRY (DFHPSORS)	None
AP E3E5	DFHPSOPR	RC 2	EXIT (DFHPSORS)	None
AP E3E8	DFHPSOPR	RC 2	ENTRY (GETFCB)	None
AP E3E9	DFHPSOPR	RC 2	EXIT (GETFCB)	None
AP E3EC	DFHPSOPR	RC 2	ENTRY (FLUSHPRRT)	None
AP E3F0	DFHPSOPR	RC 2	ENTRY (STOPPRRT)	None
AP E3F4	DFHPSOPR	RC 2	ENTRY (FORMSMSG)	None
AP E3F8	DFHPSOPR	RC 2	ENTRY (SENMAPFL)	None
AP E3FA	DFHPSOPR	RC 2	ENTRY (RMFSEPS)	None
AP E3FC	DFHPSOPR	RC 2	ENTRY (ENDMOVE)	None

#

Report controller trace points

Table 67 (Page 3 of 3). Report controller trace points

Point ID	Module	Lvl	Type	Data
AP E3FD	DFHPSOPR	RC 2	EXIT (ENDMOVE)	None
Notes:				
1. AP E309 is issued by DFHEPS for one of the following functions (this is reflected in the trace point):				
<ul style="list-style-type: none"> • SPOOLOPEN_INPUT • SPOOLOPEN_OUTPUT • SPOOLOPEN_STANDARD • SPOOLREAD_STANDARD • SPOOLWRITE_STANDARD • SPOOLCLOSE_DELETE • SPOOLCLOSE_PRINT 				
AP E30A is the corresponding exit trace entry issued in response.				
2. AP E310 is issued by DFHEPSF for one of the following functions (this is reflected in the trace point):				
<ul style="list-style-type: none"> • SPOOLOPEN_REPORT • SPOOLOPEN_MAP • SPOOLOPEN_ESCAPE • SPOOLOPEN_RESUME • SPOOLWRITE_REPORT • SPOOLWRITE_MAP • SPOOLCLOSE_REPORT 				
AP E311 is the corresponding exit trace entry issued in response.				
3. AP E319, E320, E329, E369, E390, E399, E3B9, and E3C0 may be issued for any of the following functions (this is reflected in the trace point):				
ALTER	GET_NEXT	REMOVE		
BUILD	INITIALIZE	RETRIEVE_SPL		
CLOSE	LOCATE	START_BROWSE		
DELETE	OPEN	TERM		
DISABLE	POINT	TRANSFER		
ENABLE	PRINTER	WAIT_INIT		
END_BROWSE	READ	WRITE		
4. AP E31A is issued by DFHPSPCK for any of the following reasons:				
<ul style="list-style-type: none"> • interface_HALTING • interface_DISABLE • interface_TERMINATE • invalid request 				
5. AP E321 is issued by DFHPSPPO for any of the following functions (this is reflected in the trace point):				
<ul style="list-style-type: none"> • ANY_path • NOTIFY_path • OPEN_CONTINUOUS • OPEN_STANDARD • RESUME 				
6. AP E380 is issued by DFHPSCMD for any of the following functions (this is reflected in the trace point):				
<ul style="list-style-type: none"> • ALTER • DELETE • GET_NEXT • PRINTER • RETRIEVE • START_BROWSE 				
AP E381 is the corresponding exit trace entry issued in response.				
7. AP E3B0 is issued by DFHPSPCB for any of the following functions (this is reflected in the trace point):				
<ul style="list-style-type: none"> • BUILD • LOCATE • REMOVE • TRANSFER 				
AP E3B1 is the corresponding exit trace entry issued in response.				

Security

Point ID	Module	Lvl	Type	Data
AP E500	DFHXSWM	AP 1	Entry	1 Requested function
AP E501	DFHXSWM	AP 1	Exit	1 Requested function 2 Response code 3 Reason code 4 Parameter list
AP E502	DFHXSWM	Exc	Invalid function	1 Requested function
AP E503	DFHXSWM	Exc	Unexpected PUT failure	1 WMS parameter list
AP E504	DFHXSWM	Exc	GET received invalid data	1 WMS parameter list
AP E505	DFHXSWM	Exc	Unexpected GET failure	1 WMS parameter list
AP E506	DFHXSWM	Exc	Nonzero return code	1 R15 and R0 ¹ 2 DFHSEC parameter list 3 SNTTE
AP E900	DFHEDFE	Exc	Recovery	1 Kernel Error data
AP EA00	DFHTMP01	AP 1	Entry	1 TMP parameter list 2 Primary key (if applicable) 3 Alias key (if applicable)
AP EA01	DFHTMP01	AP 1	Exit	1 TMP parameter list 2 Primary key (if applicable) 3 Alias key (if applicable)

¹ After ESM failure, the R0 value contains SAF and ESM return codes and reason codes. If R15 contains X'18', then R0 contains the reason code as follows:

- | | |
|--|--|
| X'04' Preset security on TCTTE | X'48' Invalid function request |
| X'08' No SNTTE or TCTTE | X'4C' Class name not found |
| X'0C' Request code error | X'50' Name length error |
| X'20' Security not active | X'58' Zero resource name length |
| X'24' Request code out of range | X'5C' No resource name on CHECK request |
| X'28' No ACEE address in SNTTE | X'60' No AFCB |
| X'2C' Resource name length error | X'64' No AFCB |
| X'34' GETMAIN failed for FRACHECK work area | X'68' Class name list is too short |
| X'40' Storage failure | |
| X'44' ACEE address invalid | |

Transaction manager

Point ID	Module	Lvl	Type	Data
AP F000	DFHXCP	KC 1	Entry	1 28 bytes of data starting at TCAKCPBA ATTACH only: 2 32 bytes of data starting at TCACCCA ENQ/DEQ only: 3 Terminal ID, if any, of the task being attached RESUME only: 3 Resource name 3 New transaction number 4 Terminal ID, if any,
AP F001	DFHXCP	KC 1	Exit	to be used by transaction 1 28 bytes of data starting at TCAKCPBA 2 32 bytes of data starting at TCACCCA 3 Request code from TCATCTR
AP F007	DFHXCP	Exc	Invalid DFHKC call	1 Reserved
AP F008	DFHKCSC	KC 1	KC1 entry	1 KCSC parameter list
AP F009	DFHKCSC	KC 1	KC1 exit	1 KCSC parameter list
AP F00A	DFHXCP	KC 1	Entry	1 28 bytes of data starting at TCAKCPBA 2 32 bytes of data starting at TCACCCA 3 ENQ/DEQ only: enqueue argument
AP F00B	DFHXCP	KC 1	Exit	1 28 bytes of data starting at TCAKCPBA 2 32 bytes of data starting at TCACCCA 3 Request code from TCATCTR

Storage control SM interface

Point ID	Module	Lvl	Type	Data
AP F101	DFHSMSCP	SC 1	Entry	1 TCASCSA
AP F102	DFHSMSCP	SC 1	Exit	1 TCASCSA 2 Address of storage
AP F104	DFHSMSCP	Exc	Invalid request	1 TCASCSA
AP F105	DFHSMSCP	Exc	GETMAIN failed	1 TCASCSA
AP F106	DFHSMSCP	Exc	FREEMAIN failed	1 TCASCSA
AP F110	DFHAPSM	SC 1	Entry	1 SMNT parameter list
AP F111	DFHAPSM	SC 1	Exit	1 SMNT parameter list
AP F112	DFHAPSM	Exc	Recovery	1 SMNT parameter list 2 Kernel error data
AP F113	DFHAPSM	Exc	Invalid format	1 SMNT parameter list
AP F114	DFHAPSM	SC 1	Invalid function	1 SMNT parameter list

Program control

Point ID	Module	Lvl	Type	Data
AP F240	DFHPCLI	PC 1	XPCTA address modified	1 Modified address 2 Program name 3 Modified key
AP F241	DFHPCLI	PC 1	XPCHAIR address modified	1 Modified address 2 Program name 3 Reserved
AP F242	DFHPCLI	PC 1	XPCFTCH address modified	1 Modified address 2 Program name 3 Reserved

Interval control

Point ID	Module	Lvl	Type	Data
AP F300	DFHAPTI	IC 1	Entry	1 TISR parameter list
AP F301	DFHAPTI	IC 1	Exit	1 TISR parameter list

Table 72 (Page 2 of 2). Interval control

Point ID	Module	Lvl	Type	Data
AP F302	DFHAPTI	Exc	Invalid TIME format	1 TISR parameter list
AP F303	DFHAPTI	Exc	Invalid function	1 TISR parameter list
AP F304	DFHAPTI	Exc	Invalid domain token type	1 TISR parameter list
AP F305	DFHAPTI	Exc	Bad response to RESUME	1 TISR parameter list
AP F306	DFHAPTI	Exc	Invalid domain token	1 TISR parameter list
AP F310	DFHAPTIM	IC 1	Entry	1 ICP static storage
AP F311	DFHAPTIM	IC 1	Exit	1 ICP static storage
AP F312	DFHAPTIM	IC 1	Suspend resumed	1 ICP static storage
AP F313	DFHAPTIM	Exc	Bad response to RESUME	1 ICP static storage
AP F314	DFHAPTIM	Exc	Invalid REQUEST_NOTIFY	1 TISR parameter list
AP F320	DFHAPTIX	IC 1	Entry	1 ICP static storage
AP F321	DFHAPTIX	IC 1	Exit	1 ICP static storage
AP F322	DFHAPTIX	IC 1	Suspend resumed	1 ICP static storage
AP F323	DFHAPTIX	Exc	Bad response to RESUME	1 ICP static storage
AP F380	DFHEIIC	IC 2	Entry	1 Parameter list 2 Exec interface block
AP F381	DFHEIIC	IC 2	Exit	1 Parameter list 2 Exec interface block
AP F382	DFHEIIC	Exc	Invalid Function	1 Parameter list

Dump control

Table 73. Dump control

Point ID	Module	Lvl	Type	Data
AP F400	DFHDCP	DC 1	Entry	
AP F401	DFHDCP	DC 1	Exit	1 return code 0 OK 4 Partial dump 8 Dump data set not open 12 Dump data set open error 32 Dump suppressed
AP F402	DFHFDP	DC 1	Entry	
AP F403	DFHFDP	DC 1	Exit	1 return code 0 OK 4 Partial dump 12 Suppressed 24 SDUMP error

Transient data

Table 74. Transient data

Point ID	Module	Lvl	Type	Data
AP F600	DFHAPTD	TD 1	Entry	1 Parameter list
AP F601	DFHAPTD	TD 1	Exit	1 Parameter list
AP F602	DFHAPTD	Exc	Recovery	1 Parameter list 2 Kernel error data
AP F610	DFHAPTD	Exc	Invalid format	1 Parameter list
AP F612	DFHAPTD	Exc	Invalid function	1 Parameter list
AP F613	DFHAPTD	Exc	QUEUE omitted	1 Parameter list
AP F614	DFHAPTD	Exc	FROM omitted	1 Parameter list
AP F615	DFHAPTD	Exc	INTO omitted	1 Parameter list
AP F616	DFHAPTD	Exc	Invalid FROM list, addressability error	1 Parameter list
AP F617	DFHAPTD	Exc	Invalid FROM list, length error	1 Parameter list
AP F618	DFHAPTD	Exc	Invalid FROM, addressability error	1 Parameter list
AP F619	DFHAPTD	Exc	Invalid FROM, length error	1 Parameter list
AP F61A	DFHAPTD	Exc	Invalid INTO, addressability error	1 Parameter list
AP F61B	DFHAPTD	Exc	Invalid INTO, length error	1 Parameter list
AP F61C	DFHAPTD	Exc	Invalid suspend	1 Parameter list
AP F61D	DFHAPTD	Exc	Invalid Resource Security Level check	1 Parameter list
AP F61E	DFHAPTD	Exc	Invalid data location	1 Parameter list
AP F660	DFHTDRM	TD 1	TR_RM_ENTRY entry	1 RMRC parameter list
AP F661	DFHTDRM	TD 1	TR_RM_EXIT exit	1 RMRC parameter list
AP F662	DFHTDRM	Exc	Recovery	1 RMRC parameter list 2 Kernel error data
AP F663	DFHTDRM	Exc	TR_RM_INVALID invalid response	1 RMRC parameter list

Journal control

Table 75. Journal control

Point ID	Module	Lvl	Type	Data
AP F900	DFHAPJC	JC 1	Entry	1 JCJC parameter list
AP F901	DFHAPJC	JC 1	Exit	1 JCJC parameter list
AP F902	DFHAPJC	Exc	Invalid format	1 JCJC parameter list
AP F903	DFHAPJC	Exc	Invalid function	1 JCJC parameter list
AP F904	DFHAPJC	Exc	JC write error	1 JCJC parameter list
AP F905	DFHAPJC	Exc	Recovery	1 JCJC parameter list
				2 Kernel error data
AP F910	DFHJCRM	JC 1	Entry	1 JCRM parameter list
AP F911	DFHJCRM	JC 1	Exit	1 JCRM parameter list
AP F912	DFHJCRM	Exc	Recovery	1 JCRM parameter list
				2 Kernel error data
AP F913	DFHJCRM	Exc	Invalid format	1 JCRM parameter list
AP F914	DFHJCRM	Exc	Log synchronization failed	1 JCRM parameter list
AP F915	DFHJCRM	Exc	JTC FREEMAIN failed	1 JCRM parameter list
AP F980	DFHJCC	JC 1	Before link to DFHXJCC	1 DFHXJCOM COMMAREA
AP F981	DFHJCO	JC 1	Before link to DFHXJCO	1 DFHXJCOM COMMAREA

Autoinstall for APPC sessions

The trace entries listed in the following table support autoinstall for APPC sessions.

Table 76 (Page 1 of 3). Autoinstall for APPC sessions, trace entries

Point ID	Module	Lvl	Type	Data
AP FA00	DFHZGAI	TC 1	Entry	1 DFHZGAI parameter list
AP FA01	DFHZGAI	TC 1	Exit	1 DFHZGAI parameter list
AP FA02	DFHZGAI	Exc	Invalid format	1 DFHZGAI parameter list
AP FA03	DFHZGAI	Exc	Invalid function	1 DFHZGAI parameter list
AP FA04	DFHZGAI	Exc	Recovery entered	1 DFHZGAI parameter list
				2 Kernel error data
AP FA05	DFHZGAI	TC 1	User exit entry	1 Function
				2 CINIT or Bind
				3 Return code
				4 Template netname/template sysid, sysid and synclevel
AP FA06	DFHZGAI	TC 1	User exit exit	1 Function
				2 CINIT or Bind
				3 Return code
				4 Template netname/template sysid, sysid and synclevel
AP FA07	DFHZGAI	Exc	User vetoed	1 Function
				2 CINIT or BIND
				3 Return code
				4 Template netname/template sysid, sysid, and synclevel
AP FA08	DFHZGAI	Exc	No template supplied	5 Sense code
				1 Function
				2 CINIT or BIND
				3 Return code
				4 Template netname/template sysid, sysid, and synclevel
AP FA09	DFHZGAI	Exc	Invalid sysid	5 Sense code
				1 Function
				2 CINIT or BIND
				3 Return code
				4 Template netname/template sysid, sysid, and synclevel
AP FA0A	DFHZGAI	Exc	Sysid already exists	5 Sense code
				1 Function
				2 CINIT or BIND
				3 Return code
				4 Template netname/template sysid, sysid, and synclevel
				5 Sense code

Table 76 (Page 2 of 3). Autoinstall for APPC sessions, trace entries

Point ID	Module	Lvl	Type	Data
AP FA0B	DFHZGAI	Exc	Template netname not found	1 Function 2 CINIT or BIND 3 Return code 4 Template netname/template sysid, sysid, and synclevel 5 Sense code
AP FA0C	DFHZGAI	Exc	Template sysid not found	1 Function 2 CINIT or BIND 3 Return code 4 Template netname/template sysid, sysid, and synclevel 5 Sense code
AP FA0D	DFHZGAI	Exc	Not APPC template	1 Function 2 CINIT or BIND 3 Return code 4 Template netname/template sysid, sysid, and synclevel 5 Sense code
AP FA0E	DFHZGAI	Exc	Template not parallel sess	1 Function 2 CINIT or BIND 3 Return code 4 Template netname/template sysid, sysid, and synclevel 5 Sense code
AP FA0F	DFHZGAI	Exc	Template not single sess	1 Function 2 CINIT or BIND 3 Return code 4 Template netname/template sysid, sysid, and synclevel 5 Sense code
AP FA10	DFHZGAI	Exc	Modename does not match	1 Function 2 CINIT or BIND 3 Return code 4 Template netname/template sysid, sysid, and synclevel 5 Sense code
AP FA11	DFHZGAI	Exc	Sysid inquire failed	1 Function 2 CINIT or BIND 3 Return code 4 Template netname/template sysid, sysid, and synclevel 5 Sense code
AP FA12	DFHZGAI	Exc	Session inquire failed	1 Function 2 CINIT or BIND 3 Return code 4 Template netname/template sysid, sysid, and synclevel 5 Sense code
AP FA13	DFHZGAI	Exc	Template has no modegroup	1 Function 2 CINIT or BIND 3 Return code 4 Template netname/template sysid, sysid, and synclevel 5 Sense code
AP FA14	DFHZGAI	Exc	Out of service	1 Function 2 CINIT or BIND 3 Return code 4 Template netname/template sysid, sysid, and synclevel 5 Sense code
AP FA15	DFHZGAI	Exc	Out of service	1 Function 2 CINIT or BIND 3 Return code 4 Template netname/template sysid, sysid, and synclevel 5 Sense code
AP FA16	DFHZGAI	TC 1	User exit exit	1 Function 2 CINIT or Bind 3 Return code 4 Template netname/template sysid, sysid and synclevel 5 Sense code

AP FBxx

<i>Table 76 (Page 3 of 3). Autoinstall for APPC sessions, trace entries</i>				
Point ID	Module	Lvl	Type	Data
AP FA18	DFHZGAI	Exc	Sessid missing	1 PLU name 2 Sysid 3 Sense code 4 Bind 5 TCTTE 6 TCTTE LUC extension
AP FA19	DFHZGAI	Exc	PLU name missing	1 PLU name 2 Sysid 3 Sense code 4 Bind 5 TCTTE 6 TCTTE LUC extension
AP FA1A	DFHZGAI	Exc	PLU eq SLU	1 PLU name 2 Sysid 3 Sense code 4 Bind 5 TCTTE 6 TCTTE LUC extension
AP FA1B	DFHZGAI	Exc	Seed expected	1 PLU name 2 Sysid 3 Sense code 4 Bind 5 TCTTE 6 TCTTE LUC extension
AP FA1C	DFHZGAI	Exc	Seed long	1 PLU name 2 Sysid 3 Sense code 4 Bind 5 TCTTE 6 TCTTE LUC extension
AP FA1D	DFHZGAI	Exc	Seed unexpected	1 PLU name 2 Sysid 3 Sense code 4 Bind 5 TCTTE 6 TCTTE LUC extension
AP FA1E	DFHZGAI	Exc	Not negotiable	1 PLU name 2 Sysid 3 Sense code 4 Bind 5 TCTTE 6 TCTTE LUC extension
AP FA1F	DFHZGAI	Exc	Primary RU 0	1 PLU name 2 Sysid 3 Sense code 4 Bind 5 TCTTE 6 TCTTE LUC extension
AP FA20	DFHZGAI	Exc	Secondary RU 0	1 PLU name 2 Sysid 3 Sense code 4 Bind 5 TCTTE 6 TCTTE LUC extension
AP FA21	DFHZGAI	Exc	Acc sec invalid	1 PLU name 2 Sysid 3 Sense code 4 Bind 5 TCTTE 6 TCTTE LUC extension

VTAM®

CICS/VSE VTAM trace points fall into the following ranges:

APPC/MRO bitmap manipulation, AP FB00-FB08
 Persistent sessions, AP FB10-FB80 AP FBD0-FBE9
 CNOS AP FB90-FBC9

Note:

In a CICS emergency restart, message DFHZC0124 indicates that some VTAM sessions have persisted from the previous CICS run with a nonzero PSDI value. Each of these sessions has been restored or terminated. CICS issues messages DFHZC0146 and DFHZC0156 for restored non-APPC and APPC sessions respectively. The field TCTE_PRSS contains information about the progress of LU6.2 (APPC) persistent session recovery. For further information, see *CICS Diagnosis Reference*.

The following CICS trace entries support VTAM persistent session support.

Point ID	Module	Lvl	Type	Data
Note: * indicates that the RPLRTNCD/FDB2 fields are of interest and are interpreted.				
AP FB00	DFHZGBM	TC 1	Entry	1 ZGBM parameter list
AP FB01	DFHZGBM	TC 1	Exit	1 ZGBM parameter list
AP FB03	DFHZGBM	Exc	Invalid function	1 ZGBM parameter list
AP FB04	DFHZGBM	Exc	Recovery routine entered	1 ZGBM parameter list
AP FB05	DFHZGBM	Exc	BITMAP corrupt	2 Kernel error data 1 BITMAP eyecatcher 2 BITMAP prefix 3 BITMAP suffix
AP FB06	DFHZGBM	Exc	Sessid invalid	1 ZGBM parameter list
AP FB07	DFHTCRP	Exc	No APPC bitmap storage	1 ZGBM parameter list
AP FB08	DFHTCRP	Exc	No MRO bitmap storage	1 ZGBM parameter list
AP FB10	DFHZGRP	TC 1	Entry	1 ZGRP parameter list
AP FB11	DFHZGRP	TC 1	Exit	2 ZGRP parameter list
AP FB12	DFHZGRP	Exc	Switch to QR TCB failed	1 ZGRP parameter list
AP FB13	DFHZGRP	Exc	No storage for niblist	1 ZGRP parameter list
AP FB14	DFHZGRP	Exc	Recovery routine entered	1 ZGRP parameter list 2 Kernel error data
AP FB15	DFHZGRP	Exc	No storage for OPNDST	1 ZGRP parameter list
AP FB16	DFHZGRP	Exc	No storage for RPL pool	1 ZGRP parameter list
AP FB17	DFHZGRP	Exc	Invalid format	1 ZGRP parameter list
AP FB18	DFHZGRP	Exc	Invalid function	1 ZGRP parameter list
AP FB19	DFHZGRP	Exc	Invalid START_UP type	1 ZGRP parameter list
AP FB1A	DFHZGRP	Exc	VTAM short on storage	1 RPL *
AP FB1B	DFHZGRP	Exc	VTAM INQUIRE failed	1 RPL *
AP FB1C	DFHZGRP	Exc	ACB closed for INQUIRE	1 RPL *
AP FB1D	DFHZGRP	Exc	ACB closed for OPNDST	1 RPL *
AP FB1E	DFHZGRP	Exc	Outstanding errors in RPL Pool	1 RPL *
AP FB1F	DFHZGRP	Exc	ZBAN says Bind invalid	1 Bind image 2 User data address 3 Terminal ID
AP FB20	DFHZGRP	Exc	VTAM OPNDST failed	1 RPL *
AP FB21	DFHZGRP	Exc	No TIOA storage for LU62	1 NIB 2 TCTTE address 3 TCTTE ID
AP FB22	DFHZGRP	Exc	No TIOA storage for term	1 NIB 2 TCTTE address 3 TCTTE ID
AP FB23	DFHZGRP	Exc	VTAM Receive Any	1RPL *
AP FB24	DFHZGRP	TC 1	Trace each NIB for emergency restart	1 NIB 2 TERMID (TERMID is present only if session is to be restored)
AP FB25	DFHZGRP	Exc	NIB does not match TCTTE	1 NIB 2 TCTTE address 3 TCTTE ID
AP FB26	DFHZGRP	Exc	RAIA GETMAIN failed	None
AP FB27	DFHZGRP	TC 2	Before INQUIRE COUNTS	1 RPL
AP FB28	DFHZGRP	TC 2	After INQUIRE COUNTS	1 RPL * 2 Count of persisting sessions
AP FB29	DFHZGRP	TC 2	Before INQUIRE PERSESS	1 RPL
AP FB2A	DFHZGRP	TC 2	After INQUIRE PERSESS	1 RPL *
AP FB2B	DFHZGRP	TC 2	Before OPNDST RESTORE	1 RPL
AP FB2C	DFHZGRP	TC 2	After OPNDST RESTORE	1 RPL *
AP FB2D	DFHZGRP	TC 2	Before RECEIVE ANY	1 RPL
AP FB2E	DFHZGRP	TC 2	After RECEIVE ANY	1 RPL *
AP FB2F	DFHZGRP	TC 2	Before EXECRPL INQUIRE	1 RPL
AP FB30	DFHZGRP	TC 2	After EXECRPL INQUIRE	1 RPL *
AP FB31	DFHZGRP	TC 2	Before EXECRPL OPNDST	1 RPL
AP FB32	DFHZGRP	TC 2	After EXECRPL OPNDST	1 RPL *
AP FB33	DFHZGRP	TC 2	Before EXECRPL R.A.	1 RPL
AP FB34	DFHZGRP	TC 2	After EXECRPL R.A.	1 RPL *
AP FB38	DFHZCGRP	TC 1	Entry	None
AP FB39	DFHZCGRP	TC 1	Exit	None

Table 77 (Page 2 of 5). VTAM trace entries

Point ID	Module	Lvl	Type	Data
AP FB40	DFHZGUB	TC 1	Entry	1 ZGUB parameter list
AP FB41	DFHZGUB	TC 1	Exit	1 ZGUB parameter list
AP FB42	DFHZGUB	Exc	Invalid format	1 ZGUB parameter list
AP FB43	DFHZGUB	Exc	Recovery routine entered	1 ZGUB parameter list 2 Kernel error data
AP FB44	DFHZGUB	Exc	Invalid function	1 ZGUB parameter list
AP FB45	DFHZGUB	Exc	ACB closed1 RPL *	
AP FB46	DFHZGUB	Exc	Unbind macro failed1 RPL *	
AP FB47	DFHZGUB	Exc	VTAM short on storage1 RPL *	
AP FB48	DFHZGUB	Exc	Unbind failed1 RPL	
AP FB49	DFHZGUB	TC 2	Before CLSDST	1 RPL * 2 NETNAME
AP FB4A	DFHZGUB	TC 2	After CLSDST	1 RPL * 2 NETNAME
AP FB4B	DFHZGUB	TC 2	Before TERMSESS	1 RPL * 2 NETNAME
AP FB4C	DFHZGUB	TC 2	After TERMSESS	1 RPL * 2 NETNAME
AP FB4D	DFHZGUB	TC 2	Before EXECRPL	1 RPL * 2 NETNAME
AP FB4E	DFHZGUB	TC 2	After EXECRPL	1 RPL * 2 NETNAME
AP FB50	DFHZGSL	TC 1	Entry	1 ZGSL parameter list
AP FB51	DFHZGSL	TC 1	Exit	1 ZGSL parameter list
AP FB52	DFHZGSL	TC 2	Before setlogon persist	1 RPL
AP FB53	DFHZGSL	TC 2	After setlogon persist	1 RPL *
AP FB54	DFHZGSL	TC 2	Before setlogon npersist	1 RPL
AP FB55	DFHZGSL	TC 2	After setlogon npersist	1 RPL *
AP FB57	DFHZGSL	Exc	Recovery routine entered	1 ZGSL parameter list 2 Kernel error data
AP FB58	DFHZGSL	Exc	Invalid function	1 ZGSL parameter list
AP FB59	DFHZGSL	Exc	Invalid format	1 ZGSL parameter list
AP FB5A	DFHZGSL	Exc	Invalid PSDI value	1 ZGSL parameter list
AP FB5B	DFHZGSL	Exc	VTAM setlogon failed	1 RPL *
AP FB60	DFHZGCC	TC 1	Entry	1 ZGCC parameter list
AP FB61	DFHZGCC	TC 1	Exit	1 ZGCC parameter list
AP FB62	DFHZGCC	Exc	Invalid format	1 ZGCC parameter list
AP FB63	DFHZGCC	Exc	Invalid function	1 ZGCC parameter list
AP FB64	DFHZGCC	Exc	Recovery routine entered	1 ZGCC parameter list 2 Kernel error data
AP FB65	DFHZGPC	TC 1	Entry	1 ZGPC parameter list
AP FB66	DFHZGPC	TC 1	Exit	1 ZGPC parameter list
AP FB67	DFHZGPC	Exc	Invalid format	1 ZGPC parameter list
AP FB68	DFHZGPC	Exc	Invalid function	1 ZGPC parameter list
AP FB69	DFHZGPC	Exc	Recovery routine entered	1 ZGPC parameter list 2 Kernel error data
AP FB6A	DFHZGPC	Exc	BIND and TCTTE mismatch	1 ZGPC parameter list 2 TCSE 3 NIB
AP FB6B	DFHZGPC	Exc	No session available to match a NIB	1 ZGPC parameter list 2 NIB
AP FB70	DFHZXRC	TC 1	V29 data trace	1 Vector 2 Terminal ID 3 TCTTE
AP FB71	DFHZGDA	TC 2	Entry	1 ZGDA input parameter list
AP FB72	DFHZGDA	TC 2	Exit	1 ZGDA input parameter list
AP FB73	DFHZGDA	Exc	Invalid function	1 ZGDA input parameter list
AP FB74	DFHZGDA	Exc	Invalid format	1 ZGDA input parameter list
AP FB76	DFHZGDA	Exc	Invalid PRSS status	1 ZGDA input parameter list 2 TCTTE address 3 PRSS status byte
AP FB77	DFHZGDA	Exc	Receive failed	1 ZGDA input parameter list 2 TCTTE address 3 PRSS status byte
AP FB78	DFHZGDA	Exc	Receive failed	1 ZGDA input parameter list 2 TCTTE address 3 tcte_prss status byte
AP FB79	DFHZGDA	Exc	Unexpected response	1 ZGDA input parameter list 2 sense received 3 tcte_prss status byte

Table 77 (Page 3 of 5). VTAM trace entries

Point ID	Module	Lvl	Type	Data
AP FB7A	DFHZGDA	Exc	Bracket FSM error	1 ZGDA input parameter list 2 tctebkts bracket FSM 3 tcte_prss status byte
AP FB7B	DFHZGDA	Exc	Bracket FSM error	1 ZGDA input parameter list 2 tctebkts bracket FSM 3 tcte_prss status byte
AP FB7D	DFHZGDA	Exc	No FMH7 storage	1 ZGDA input parameter list
AP FB7E	DFHZGDA	Exc	Invalid TCTTE	1 ZGDA input parameter list
AP FB7F	DFHZGDA	Exc	Recovery routine entered	1 ZGDA input parameter list
AP FB80	DFHZGDA	Exc	Chain FSM error	2 Kernel error data 1 ZGDA input parameter list 2 tctechss chain FSM 3 tcte_prss status byte
AP FB90	DFHZLS1	TC 1	Entry	None
AP FB91	DFHZLS1	TC 1	Exit	None
AP FB92	DFHZLS1	Exc	Invalid start type	1 XMIQ start code
AP FB93	DFHZLS1	Exc	IC GET failed	None
AP FB94	DFHZLS1	Exc	Invalid format	1 IC start data
AP FB95	DFHZLS1	Exc	Invalid function	1 IC start data
AP FB96	DFHZLS1	Exc	No receive data	None
AP FB97	DFHZLS1	Exc	Invalid receive data	1 Received data
AP FBA0	DFHZGCN	TC 1	Entry	1 ZGCN format parameter list 2 CNOS GDS (target system only)
AP FBA1	DFHZGCN	TC 1	Exit	1 ZGCN format parameter list
AP FBA2	DFHZGCN	Exc	Add lock failed	1 ZGCN format parameter list 2 TCTSE 2 TCTME
AP FBA3	DFHZGCN	Exc	Allocate failed	1 ZGCN format parameter list 2 TCTSE
AP FBA4	DFHZGCN	Exc	Already shut	2 DFHLUC parameter list 1 ZGCN format parameter list 2 TCTSE 2 TCTME
AP FBA5	DFHZGCN	Exc	CNOS impossible	1 ZGCN format parameter list 2 TCTSE 2 TCTME
AP FBA6	DFHZGCN	Exc	Get lock failed	1 ZGCN format parameter list 2 TCTSE 2 TCTME
AP FBA7	DFHZGCN	Exc	In shutdown	1 ZGCN format parameter list 2 TCTSE
AP FBA8	DFHZGCN	Exc	Invalid format	1 Unknown format parameter list
AP FBA9	DFHZGCN	Exc	Invalid function	1 ZGCN format parameter list
AP FBAA	DFHZGCN	Exc	Invalid modename	1 ZGCN format parameter list
AP FBAB	DFHZGCN	Exc	Invalid sysid	1 ZGCN format parameter list
AP FBAC	DFHZGCN	Exc	No TCTME found	1 ZGCN format parameter list 2 TCTSE
AP FBAD	DFHZGCN	Exc	No TCTTE found	1 ZGCN format parameter list 2 TCTSE 2 TCTME
AP FBAE	DFHZGCN	Exc	Race in shutdown	1 ZGCN format parameter list 2 TCTSE
AP FBAF	DFHZGCN	Exc	Receive failed	1 ZGCN format parameter list 2 TCTSE 3 TCTME
AP FBB0	DFHZGCN	Exc	Recovery routine entered	1 ZGCN format parameter list 2 Kernel error data
AP FBB1	DFHZGCN	Exc	Send failed	1 ZGCN format parameter list 2 TCTSE 3 TCTME
AP FBB2	DFHZGCN	Exc	Single session error	4 DFHLUC parameter list 1 ZGCN format parameter list 2 TCTSE 3 TCTME
AP FBB3	DFHZGCN	Exc	Sysid not found	1 ZGCN format parameter list
AP FBB4	DFHZGCN	Exc	TCTSE error	1 ZGCN format parameter list 2 TCTSE
AP FBB5	DFHZGCN	TC 1	CNOS command out	1 CNOS GDS 2 Sysid of target
AP FBB6	DFHZGCN	TC 1	CNOS command in	1 CNOS GDS 2 Sysid of source

Table 77 (Page 4 of 5). VTAM trace entries				
Point ID	Module	Lvl	Type	Data
AP FBB7	DFHZGCN	TC 1	CNOS reply out	1 CNOS GDS 2 Sysid of source
AP FBB8	DFHZGCN	TC 1	CNOS reply in	1 CNOS GDS 2 Sysid of target APAR PQ88757 added FBB9
AP FBB9	DFHZGCN	Exc	Modegroup changed	1 ZGCN format parameter list
AP FBC0	DFHZGCA	TC 1	Entry	1 ZGCA format parameter list
AP FBC1	DFHZGCA	TC 1	Exit	1 ZGCA format parameter list
AP FBC2	DFHZGCA	TC 2	Entry level 2	1 TCTME 2 ZGCA mode entry point
AP FBC3	DFHZGCA	TC 2	Exit level 2	1 TCTME or "TCTME address invalid" 2 TCTME address
AP FBC4	DFHZGCA	TC 2	Current counts	1 Current session state counts 2 Required session state counts
AP FBC5	DFHZGCA	TC 2	TC matrix	1 State transformation counts
AP FBC6	DFHZGCA	Exc	Recovery routine entered	1 ZGCA format parameter list 2 Kernel error data
AP FBC7	DFHZGCA	Exc	Invalid format	1 Unknown format parameter list
AP FBC8	DFHZGCA	Exc	Invalid function	1 ZGCA format parameter list
AP FBC9	DFHZGCA	Exc	Change uncompleted	1 ZGCA format parameter list 2 TCTME 3 Current session state counts 4 State transformation counts 5 Required session state counts
AP FBD0	DFHZXPS	TC 1	Entry	1 TCTTE Trace area 1 2 Address of TCTTE
AP FBD1	DFHZXPS	TC 1	Exit	1 TCTTE Trace Area 1 2 Address of TCTTE
AP FBD2	DFHZXPS	Exc	Invalid TCTEPRSS data	1 tcte_trace_1 2 TCTTE address
AP FBD3	DFHZXPS	Exc	Invalid PRSS data	1 TCTTE Trace Area 1 2 PRSS
AP FBD4	DFHZXPS	Exc	Invalid BIS data	1 tcte_trace_1 2 BIS data
AP FBD5	DFHZXPS	Exc	Invalid BID data	1 tcte_trace_1 2 BID data
AP FBD6	DFHZXPS	Exc	No BID recovery	1 tcte_trace_1 2 BID data
AP FBD7	DFHZXPS	Exc	Missing BID flow	1 tcte_trace_1 2 BID data
AP FBD8	DFHZXPS	Exc	Invalid category for APPC session	1 tcte_trace_1 2 CV29 data
AP FBD9	DFHZXPS	Exc	Inconsistent data flow	1 tcte_trace_1 2 CV29 data
AP FBDA	DFHZXPS	Exc	Unidentified response	1 tcte_trace_1 2 CV29 data
AP FBDB	DFHZXPS	Exc	Unknown command	1 tcte_trace_1 2 CV29 data
AP FBDC	DFHZXPS	Exc	Unexpected BIS response	1 tcte_trace_1 2 CV29 data 3 BIS data
AP FBDD	DFHZXPS	Exc	Unknown command response	1 tcte_trace_1 2 CV29 data
AP FBDE	DFHZXPS	Exc	Invalid BID status	1 tcte_trace_1 2 tcte bid status
AP FBDF	DFHZXPS	Exc	Session not in CS mode	1 tcte_trace_1
AP FBE0	DFHZXPS	Exc	Invalid parameter list	1 tcte_trace_1 2 ZGDA parameter list
AP FBE1	DFHZXPS	Exc	Unknown state after SIG	1 tcte_trace_1 2 CV29 data
AP FBE2	DFHZXPS	Exc	CLS2 running	1 tcte_trace_1
AP FBE3	DFHZXPS	Exc	Bind security flow active	1 tcte_trace_1
AP FBE4	DFHZXPS	Exc	Recovery abandoned	1 tcte_trace_1
AP FBE5	DFHZXPS	Exc	RESETSR failed	1 tcte_trace_1 2 RESETSR return code
AP FBE6	DFHZXPS	Exc	Tracking data missing	1 tcte_trace_1
AP FBE7	DFHZXPS	Exc	Domain call failed	1 ZGDA parameter list
AP FBE8	DFHZXPS	Exc	Bind not complete	1 tcte_trace_1 2 CV29 data

Table 77 (Page 5 of 5). VTAM trace entries

Point ID	Module	Lvl	Type	Data
AP FBE9	DFHZXPS	TC 1	Cleanup Routine entered	1 TCTTE Trace Area 1 2 CV29 Data
AP FBEA	DFHZXPS	Exc	No BIS recovery	1 TCTTE Trace Area 1 2 CV29 Data
AP Fbfd	DFHZXPS	Exc	Bad response from DFHZGDA	1 ZGDA parameter list
AP FBF0	DFHZGPR	TC 1	Entry	1 Parameter list
AP FBF1	DFHZGPR	TC 1	Exit	1 Parameter list
AP FBF2	DFHZGPR	Exc	Invalid format	1 Parameter list
AP FBF3	DFHZGPR	Exc	Invalid Function	1 Parameter list
AP FBF4	DFHZGPR	Exc	TCTTE address is zero	1 Parameter list
AP FBF5	DFHZGPR	Exc	No record on catalog for this APPC connection	1 Parameter list 2 Common parameter list
AP FBF6	DFHZGPR	Exc	Decrement catalog error	1 Parameter list 2 Common parameter list
AP FBF7	DFHZGPR	Exc	Inquire Catalog error	1 Parameter list 2 Common parameter list
AP FBF8	DFHZGPR	Exc	Reset Catalog error	1 Parameter list 2 Common parameter list
AP FBF9	DFHZGPR	Exc	Recovery entered	1 Parameter list 2 Kernal Error data
AP FBFA	DFHZGDA	Exc	Unexpected Chain state	1 Chain State byte 2 PRSS State byte
AP FBFB	DFHZGDA	Exc	Unexpected Bracket type	1 Bracket State byte 2 PRSS State byte
AP FBFC	DFHZGDA	Exc	Send Failed	1 TCTTE Address 2 PRSS State byte

Terminal control

Table 78 (Page 1 of 5). Terminal control

Point ID	Module	Lvl	Type	Data
AP FC01	DFHZARQ DFHZIS1	TC 1	Event MRO/LU6.1 state setting	1 State set 2 Module setting it 3 Conversation TCTTE 4 Work area
AP FC50	DFHSUZX	AP 1	Entry	1 Parameter list
AP FC51	DFHSUZX	AP 1	Exit	1 Parameter list
AP FC52	DFHSUZX	AP 1	Error Exit	1 Parameter list
AP FC53	DFHZCUT	TC 1	Entry	1 ZCUT parameter list
AP FC54	DFHZCUT	TC 1	Exit	1 ZCUT parameter list
AP FC57	DFHZCUT	Exc	Invalid function	1 ZCUT parameter list
AP FC5A	DFHZCUT	Exc	Store clock failure	1 None
AP FC5B	DFHZCUT	Exc	Invalid userid length	1 ZCUT parameter list
AP FC70	DFHZNAC	TC 2	XRF tracking	1 XRF session details 2 TIOA
AP FC71	DFHZNAC	TC 1	ZNEP entry	1 COMMAREA
AP FC72	DFHZNAC	TC 1	ZNEP exit	1 COMMAREA
AP FC73	DFHZNAC	Exc	ZNAC system dump	1 TCTTE
AP FC80	DFHZATR	TC 1	Entry	1 None
AP FC81	DFHZATR	TC 1	Exit	1 Count of deletes scheduled
AP FC82	DFHZATA	TC 1	Entry	1 Network name
AP FC83	DFHZATA	TC 1	User exit call	1 Network name
AP FC84	DFHZATA	TC 1	User exit return	1 Selected terminal ID 2 Return code
AP FC85	DFHZATA	TC 1	Exit	1 TERM_ID 2 TCTTE address 3 MODEL_NAME
AP FC86	DFHZATD	TC 1	Entry	1 TERM_ID 2 TCTTE address
AP FC87	User exit (DFHZAT)	TC 1	Call	1 TERM_ID
AP FC88	User exit (DFHZAT)	TC 1	Return	1 TERM_ID
AP FC89	DFHZATD	TC 1	Exit	1 TERM_ID
AP FC8A	DFHZATA	TC 2	Event	1 AWE (DFHTCTWE)
AP FC8B	DFHZATS	TC 1	Entry	1 RWE
AP FC8C	DFHZATS	TC 1	Exit	1 RWE

Table 78 (Page 2 of 5). Terminal control

Point ID	Module	Lvl	Type	Data
AP FC90	DFHZTRA	TC 1	VTAM I/O	1 TCTE_NIBD_TRACE 2 VTAM RPL and ZC extension 3 First buffer list entry, or 0 4 Last buffer list entry, or 0 5 Data 6 Data as required 7 Data as required 5, 6, 7 4 bytes of data or 8 bytes of FMH followed by 'SUPPRESSED DUE TO CONFDATA=HIDETC IN SIT'
AP FC91	DFHZTRA	TC 1	VTAM I/O additional data	1 Data as required 2 Data as required 3 Data as required 4 Data as required 5 Data as required 6 Data as required 7 Data as required 1 - 7 'SUPPRESSED DUE TO CONFDATA=HIDETC IN SIT'
AP FC92	DFHZATMF	TC 1	Entry	
AP FC93	DFHZATMF	TC 1	Exit	
AP FC94	DFHZATMD	TC 1	Entry	
AP FC95	DFHZATMD	TC 1	Exit	
AP FC96	DFHZATT	TC 1	Event delayed data	1 Address of TCTTE 2 TIOA
AP FC97	DFHZATS	TC 1	User Exit call	1 Terminal ID
AP FC98	DFHZATS	TC 1	User Exit return	1 Terminal ID 2 Return code
AP FC99	DFHZATMD	TC 1	User Exit call	1 Terminal ID
AP FC9A	DFHZATMD	TC 1	User exit return	1 Terminal ID
AP FC9B	DFHZATS	TC 1	Delete User exit call	1 Terminal ID
AP FCA0	DFHZRAS	TC 1	Event	1 TCTE_TRACE_1 fields in TCTTE 2 TCTE_TRACE_5 fields in TCTTE 3 Exit footprints, address of TCTTE 4 TCTE_LUCX_TRACE fields in LUC extension
AP FCA1	DFHZRAS	TC 1	Receive specific completed	1 RPL return and feedback code 2 Return code
AP FCA2	DFHZRAS	Exc	Receive specific failed	1 TCTTE 2 TCTTE LUC extension 3 RPL
AP FCB0	DFHZCQIS	TC 1	Entry, install	1 BPS address (4 bytes) Node name (4 bytes)
AP FCB1	DFHZCQIS	TC 1	Exit, install	1 Response (4 bytes) Node address (4 bytes)
AP FCB2	DFHZCQRS	TC 1	Entry, recover	1 RR record address (4 bytes) Recovery record key (16 bytes)
AP FCB3	DFHZCQRS	TC 1	Exit, recover	1 Response (4 bytes) Node address (4 bytes) Node name (4 bytes) RID for ZCQRS (1 byte)
AP FCB4	DFHZCQDL	TC 1	Entry, delete	1 Node address (4 bytes) Node name (4 bytes)
AP FCB5	DFHZCQRS	TC 1	Exit, delete	1 Response (4 bytes)
AP FCB6	DFHZCQCH	TC 1	Entry, catalog	1 Node address (4 bytes) Node name (4 bytes)
AP FCB7	DFHZCQCH	TC 1	Exit, catalog	1 Response (4 bytes)
AP FCB8	DFHZCQIQ	TC 1	Entry, inquire	1 Node address (4 bytes) Node name (4 bytes) BPS address (4 bytes)
AP FCB9	DFHZCQIQ	TC 1	Exit, inquire	1 Response (4 bytes)
AP FCBA	DFHZCQ00	TC 1	Entry, router	None
AP FCBB	DFHZCQ00	TC 1	Exit, router	1 Response (4 bytes) Message set address (4 bytes)
AP FCBC	DFHZCQIN	TC 1	Entry, initialize	None
AP FCBD	DFHZCQIN	TC 1	Exit, initialize	None
AP FCBE	DFHZBAN	TC 2	Entry, validate BIND	1 Node address (4 bytes) Node name (4 bytes) BIND address (4 bytes)
AP FCBF	DFHZBAN	TC 1	Exit, validate BIND	1 Response (4 bytes) Reason (4 bytes)

Table 78 (Page 3 of 5). Terminal control

Point ID	Module	Lvl	Type	Data
AP FCC0	DFHTBSB	TC 1	Entry, build	1 Pattern name (8 bytes) Type of commit (1 byte) X'00' SYNCPOINT X'40' DELAY X'80' NOW
AP FCC1	DFHTBSB	TC 1	Exit, build	1 Response (4 bytes) Message set address (4 bytes) DWE address (4 bytes) Node address (4 bytes) Node name (4 bytes)
AP FCC2	DFHTBSR	TC 1	Entry, restore	1 Pattern name (8 bytes) Type of commit (1 byte) X'00' SYNCPOINT X'40' DELAY X'80' NOW
AP FCC3	DFHTBSB	TC 1	Exit, restore	1 Response (4 bytes) Message set address (4 bytes) DWE address (4 bytes) Node address (4 bytes) Node name (4 bytes)
AP FCC4	DFHTBSD	TC 1	Entry, destroy	1 Pattern name (8 bytes) Type of commit (1 byte) X'00' SYNCPOINT X'40' DELAY X'80' NOW
AP FCC5	DFHTBSD	TC 1	Exit, destroy	1 Response (4 bytes) Message set address (4 bytes) DWE address (4 bytes)
AP FCC6	DFHTBSL	TC 1	Entry, catalog	1 Pattern name (8 bytes)
AP FCC7	DFHTBSL	TC 1	Exit, catalog	1 Response (4 bytes) Message set address (4 bytes) DWE address (4 bytes)
AP FCC8	DFHTBSQ	TC 1	Entry, inquire	1 Pattern name (8 bytes)
AP FCC9	DFHTBSL	TC 1	Exit, inquire	1 Response (4 bytes) Message set address (4 bytes)
AP FCCA	DFHTBSSP	TC 1	Entry, syncpoint	1 DWE address (4 bytes) R=rollback, C=commit (1 byte) Phase 1 or 2 (1 byte)
AP FCCB	DFHTBSSP	TC 1	Exit, syncpoint	None
AP FCCC	DFHTBSSP	TC 1	Call, destroy/ready	1 Builder name (3 bytes) Ready/Destroy (7 bytes)
AP FCCD	DFHTBSSP	TC 1	Return, destroy/ready	1 Builder name (3 bytes) Ready/Destroy (7 bytes)
AP FCD0	DFHTBSBP	TC 1	Entry, build	1 Builder name (3 bytes)
AP FCD1	DFHTBSBP	TC 1	Exit, build	1 Response (4 bytes) Message set address (4 bytes) Node address (4 bytes) Builder name (3 bytes)
AP FCD2	DFHTBSRP	TC 1	Entry, restore	1 Builder name (3 bytes)
AP FCD3	DFHTBSRP	TC 1	Exit, restore	1 Response (4 bytes) Message set address (4 bytes) Node address (4 bytes) Builder name (3 bytes)
AP FCD4	DFHTBSDP	TC 1	Entry, destroy	1 Builder name (3 bytes)
AP FCD5	DFHTBSDP	TC 1	Exit, destroy	1 Response (4 bytes) Message set address (4 bytes) Node address (4 bytes) Builder name (3 bytes)
AP FCD6	DFHTBSLP	TC 1	Entry, catalog	1 Builder name (3 bytes)
AP FCD7	DFHTBSLP	TC 1	Exit, catalog	1 Response (4 bytes) Message set address (4 bytes) Node address (4 bytes) Builder name (3 bytes)
AP FCD8	DFHTBSQP	TC 1	Entry, inquire	1 Builder name (3 bytes)
AP FCD9	DFHTBSQP	TC 1	Exit, inquire	1 Response (4 bytes) Message set address (4 bytes) Node address (4 bytes) Builder name (3 bytes)

AP FCxx

Table 78 (Page 4 of 5). Terminal control				
Point ID	Module	Lvl	Type	Data
AP FCDA	DFHBSHDR	TC 2	Call function	1 Builder name (3 bytes) Function index (1 byte) 1 BUILD 2 DESTROY 3 READY 4 UNREADY 5 CONNECT 6 FLATTEN 7 UNFLATTEN 8 FIND_FIRST 9 FIND_NEXT 10 MAKEKEY 11 INQUIRE 12 RESET 13 CHECKSET other values unknown Node address (4 bytes)
AP FCDB	DFHBSHDR	TC 2	Return function	1 Builder name (3 bytes) Function index (1 byte) 1 BUILD 2 DESTROY 3 READY 4 UNREADY 5 CONNECT 6 FLATTEN 7 UNFLATTEN 8 FIND_FIRST 9 FIND_NEXT 10 MAKEKEY 11 INQUIRE 12 RESET 13 CHECKSET other values unknown Node address (4 bytes)
AP FCDC	DFHTBSSP	TC 2	DFHTBSSP EVENT	1 Action element address (4 bytes) Pattern address (4 bytes) Recovery record address (4 bytes) Node address (4 bytes) Node ID (4 bytes) ADDIDEL (1 byte) bit 0, 0 = DELETE 1 = ADD 1 MSG_REASON_ELEM (50 bytes)
AP FCDD	DFHTBSM	Exc	DFHBSMSG SET_ADD	1 MSG_REASON_ELEM (50 bytes)
AP FCDE	DFHBSTZA	Exc	Delete vetoed, ZCP activity pending	1 Activate request bytes (4 bytes) Activate chain address (4 bytes) Terminal entry address (4 bytes) Operation in progress (1 byte) System service queue flag (1 byte)
AP FCE0	DFHZGET	TC 1	Entry	1 TCTTE address (4 bytes) Terminal ID (4 bytes)
AP FCE1	DFHZGET	TC 1	Exit	2 GETMAIN option byte 1 6 fullwords: address of TIOA address of RPL address of NIB/BIND address of LUC SEND/RECV_BFR and BUFFERLIST address of buffer list return code from DFHZGET GETMAIN
AP FCE2	DFHZFRE	TC 1	Entry	1 TCTTE address Terminal ID (4 bytes) 2 FREEMAIN option byte

Table 78 (Page 5 of 5). Terminal control

Point ID	Module	Lvl	Type	Data
AP FCE3	DFHZFRE	TC 1	Exit	1 7 fullwords: address of TIOA address of RPL address of NIB/BIND address of LUC SEND/RECV_BFR and BUFFERLIST address of buffer list address of extracted logon data return code from DFHZFRE FREEMAIN
AP FCEF	DFHZRAC	Exc	Race stalled	
AP FCF1	DFHZNAC	Exc	Error	1 TCTTE
AP FCF2	DFHZNAC	Exc	Missing LOSTERM	1 Number of missing entries
AP FCF3	DFHZNAC	Exc	Error code	1 Dummy TCTTE
AP FCF4	DFHZCLS	Exc	Open destination limit	1 Prefix count
AP FCF5	DFHZOPN	Exc	Open destination limit	1 Prefix count
AP FCF6	DFHZRAC	Exc	About to reach maxtasks - no further receives issued	
AP FCF7	DFHTCRP	Exc	Insufficient storage	1 SMAD call parameter list 2 Subpool name 3 Initial free storage
AP FCF8	DFHSUZX	Exc	Invalid function	1 SUZX parameter list
AP FCF9	DFHSUZX	Exc	Invalid locate type	1 SUZX parameter list
AP FCFA	DFHZCSTP	AP 1	Entry	
AP FCFB	DFHZRAC	Exc	Race hang	1 RACE 2 RPL 3 TCTTE 4 RACE address

Terminal control (intersystem communication)

For the data formats referred to in Table 79, see page 102.

Table 79 (Page 1 of 2). Intersystem communication

Point ID	Module	Lvl	Type	Data
AP FD01	DFHZARQ	TC 1	APPL_REQ entry	Format 02
AP FD02	DFHZLOC	TC 1	LOCATE entry	Format 02
AP FD03	DFHZDET	TC 1	DETACH entry	Format 01
AP FD05	DFHZSUP	TC 1	TASK_STARTUP entry	Format 02
AP FD06	DFHZCRQ	TC 1	CMD_REQ entry	Format 01
AP FD08	DFHZSTU	TC 1	STATUS entry	Format 02
AP FD09	DFHZTSP	TC 1	TRANS_ROUTING entry	Format 14
AP FD0B	DFHZISP	TC 1	FACILITY_REQ entry	Format 02
AP FD0C	DFHZIS1	TC 1	ISC_SYNC_REQ entry	Format 02
AP FD0D	DFHZIS2	TC 1	IRC entry	Format 13
AP FD0E	DFHZABD	TC 1	ABEND entry	Format 02
AP FD10	DFHZATI	TC 1	ATI entry	Format 01
AP FD11	DFHZATT	TC 1	ATTACH entry	Format 01
AP FD14	DFHZRAC	TC 1	RECV_ANY event	Format 01
AP FD15	DFHZRST	TC 1	RESETSR entry	Format 01
AP FD16	DFHZRVS	TC 1	RECV_SPEC entry	Format 01
AP FD18	DFHZSDS	TC 1	SEND_DFSYN entry	Format 01
AP FD1C	DFHZACT	TC 1	ACTIVATE_SCAN event	Format 01
AP FD1D	DFHZSDR	TC 1	SEND_DFSYN_RESP entry	Format 01
AP FD22	DFHZCLS	TC 1	CLSDST entry	Format 01
AP FD24	DFHZDWE	TC 1	DWE_PROCESS entry	Format 01
AP FD27	DFHZLRP	TC 1	LOGREC entry	Format 01
AP FD29	DFHZOPN	TC 1	OPNDST entry	Format 01
AP FD2B	DFHZRAQ	TC 1	RA_QUEUEING entry	Format 01
AP FD2C	DFHZRAR	TC 1	RA_RETRIEVAL entry	Format 01
AP FD30	DFHZRSY	TC 1	RESYNC entry	Format 01
AP FD33	DFHZSDA	TC 1	SEND_DFASY entry	Format 01
AP FD34	DFHZSKR	TC 1	SEND_SESSIONC_RESPONSE entry	Format 01
AP FD35	DFHZSES	TC 1	SESSIONC entry	Format 01
AP FD37	DFHZSIM	TC 1	SIMLOGON entry	Format 01
AP FD39	DFHZSLS	TC 1	INIT_RECV_ANY entry	Format 05
AP FD3E	DFHZOPA	TC 1	OPEN_VTAM_ACB entry	Format 03
AP FD3F	DFHZSHU	TC 1	SHUTDOWN event	Format 04

Table 79 (Page 2 of 2). Intersystem communication

Point ID	Module	Lvl	Type	Data
AP FD41	DFHZEMW	TC 1	APPL_ERP entry	Format 01
AP FD42	DFHZSYN	TC 1	SYNCPPOINT entry	Format 02
AP FD44	DFHZAND	TC 1	TACB_CREATE entry	Format 01
AP FD45	DFHZCNA	TC 1	CONSOLE_CTRL event	Format 06
AP FD46	DFHZCNR	TC 1	CONSOLE_REQ entry	Format 06
AP FD4A	DFHZARL	TC 1	ISC_APPL_REQ entry	Format 07
AP FD4B	DFHZARM	TC 1	ISC_MIGR_REQ entry	Format 08
AP FD4C	DFHZRVL	TC 1	ISC_RECV_REQ entry	Format 10
AP FD4E	DFHZSDL	TC 1	ISC_SEND_DFSYN entry	Format 10
AP FD50	DFHZERH	TC 1	ISC_APPL_ERP entry	Format 07
AP FD51	DFHZLUS	TC 1	ISC_LU_SERV entry	Format 09
AP FD52	DFHZBKT	TC 1	ISC_BRACKET_FSM entry	Format 11
AP FD53	DFHZCNT	TC 1	ISC_CONT_FSM entry	Format 11
AP FD54	DFHZCHS	TC 1	ISC_CHAIN_FSM entry	Format 11
AP FD56	DFHZUSR	TC 1	ISC_CONV_FSM entry	Format 11
AP FD58	DFHZEV1	TC 1	ISC_1ARY_BIND_SEC entry	Format 01
AP FD59	DFHZEV2	TC 1	ISC_2ARY_BIND_SEC entry	Format 01
AP FD5E	DFHZXRC	TC 1	XRF_SW_ANALYSIS entry	Format 01
AP FD63	DFHZSTAP	TC 1	APPL_STATE entry	Format 15
AP FD64	DFHZRLP	TC 1	ISC_RECV_SPEC_PV entry	Format 10
AP FD65	DFHZCRT	TC 1	ISC_RECV_SPEC_PV entry	Format 99
AP FD66	DFHZRAS	TC 1	RECV_ANY_SLOWDOWN entry	Format 98
AP FD7D	DFHZRLG	TC 1	RESP_LOGGER event	Format 01
AP FD7E	DFHZNAC	TC 1	NACP_START event	Format 01
AP FD81	DFHZARQ	TC 1	APPL_REQ exit	Format 02
AP FD82	DFHZLOC	TC 1	LOCATE exit	Format 02
AP FD88	DFHZSTU	TC 1	STATUS exit	Format 02
AP FD89	DFHZTSP	TC 1	TRANS_ROUTING exit	Format 14
AP FD8B	DFHZISP	TC 1	FACILITY_REQ exit	Format 02
AP FD8C	DFHZIS1	TC 1	ISC_SYNC_REQ exit	Format 02
AP FD8D	DFHZIS2	TC 1	IRC exit	Format 13
AP FD91	DFHZATT	TC 1	ATTACH exit	Format 05
AP FDBE	DFHZOPA	TC 1	OPEN_VTAM_ACB exit	Format 05
AP FDBF	DFHZSHU	TC 1	SHUTDOWN exit	Format 03
AP FDC1	DFHZEMW	TC 1	APPL_ERP exit	Format 02
AP FDC4	DFHZAND	TC 1	TACB_CREATE exit	Format 05
AP FDC6	DFHZCNR	TC 1	CONSOLE_REQ exit	Format 02
AP FDCA	DFHZARL	TC 1	ISC_APPL_REQ exit	Format 07
AP FDCB	DFHZARM	TC 1	ISC_MIGR_REQ exit	Format 08
AP FDCC	DFHZRVL	TC 1	ISC_RECV_REQ exit	Format 10
AP FDD0	DFHZERH	TC 1	ISC_APPL_ERP exit	Format 05
AP FDD1	DFHZLUS	TC 1	ISC_LU_SERV exit	Format 02
AP FDE3	DFHZSTAP	TC 1	APPL_STATE exit	Format 15
AP FDE4	DFHZRLP	TC 1	ISC_RECV_SPEC_PV exit	Format 10
AP FDE5	DFHZCRT	TC 1	ISC_RECV_SPEC_PV exit	Format 99
AP FDE6	DFHZRAS	TC 1	RECV_ANY_SLOWDOWN exit	Format 98

Formats for AP FDxx traces:

AP FDxx trace entries take one of the following forms:

- Format 01** 1 TCTE_TRACE_1 fields in TCTTE
 2 TCTE_TRACE_5 fields in TCTTE
 3 Exit footprints¹, address of TCTTE
- Format 02** 1 TCATP_TRACE fields in TCA
 2 TCA from DFHUSTCA to TCAFCAAA
- Format 03** 1 TCTV_TRACE fields in TCT prefix
- Format 04** 1 TCTE_TRACE_1 fields in TCTTE
 2 TCTE_TRACE_5 fields in TCTTE
 3 Exit footprints¹, address of TCTTE
 4 TCTV_TRACE fields in TCT prefix
- Format 05** No data
- Format 06** 1 TCTE_TRACE_1 fields in TCTTE
 2 TCTEOS console overlay of TCTTE
 3 Console control element
- Format 07** 1 LUC parameter list
- Format 08** 1 LUM parameter list
- Format 09** 1 LUS parameter list

- Format 10** 1 TCTE_TRACE_1 fields in TCTTE
 2 TCTE_TRACE_5 fields in TCTTE
 3 Exit footprints¹, address of TCTTE
 4 TCTE_LUCX_TRACE fields in LUC extension
- Format 11** 1 TCTE_TRACE_1 fields in TCTTE
 2 TCTE_TRACE_5 fields in TCTTE
 3 Exit footprints¹, address of TCTTE
 4 FSM parameter list (request word, address of TCTTE)
- Format 12** Not used.
- Format 13** 1 ISCRQ
- Format 14** 1 ISCRQ
 2 TCA from DFHUSTCA to TCAFCAAA
 3 Field XTSATTEU address of TCTTE
- Format 15** 1 ZSTA parameter list
- Format 98** 1 (on entry) TCTVNPRC
 2 (on exit) RSNQCNT
- Format 99** 1 TCTE_TRACE_1 fields in TCTTE
 2 TCTERPBS
 3 Exit footprints¹, address of TCTTE
 4 FSM parameter list (request word, address of TCTTE)

¹ An exit footprint is a CICS DFHZC* module name.

Terminal control (LU6.2 application requests)

<i>Table 80 (Page 1 of 4). Terminal control (LU6.2 application requests)</i>				
Point ID	Module	Lvl	Type	Data
AP FE00	DFHZARR	TC 2	Entry	1 DFHLUC parameter list
AP FE01	DFHZARR	TC 2	Exit	1 DFHLUC parameter list
AP FE02	DFHZARRA	TC 2	Entry	1 Call function code 2 Data address 3 Data length 4 DFHLUC parameter list 5 TCTTE address 6 Application buffer address 7 Application buffer length
AP FE03	DFHZARRA	TC 2	Exit	1 Call function code 2 Data address 3 Data length 4 DFHLUC parameter list 5 TCTTE address 6 Application buffer address 7 Application buffer length
AP FE04	DFHZARR0	TC 2	Entry	1 Call function code 2 Item to process 3 Record length 4 TCTTE address 5 LU6.2 logical buffer address 6 LU6.2 logical buffer length
AP FE05	DFHZARR0	TC 2	Exit	1 Call function code 2 Item to process 3 Record length 4 TCTTE address 5 LU6.2 logical buffer address 6 LU6.2 logical buffer length 7 Response code
AP FE06	DFHZARRC	TC 2	Entry	1 LU6.2 logical buffer address 2 LU6.2 logical buffer length 3 TCTTE address
AP FE07	DFHZARRC	TC 2	Exit	1 LU6.2 logical buffer address 2 LU6.2 logical buffer length 3 TCTTE address 4 Item to process 5 Current record length 6 Complete record length 7 Response code
AP FE08	DFHZARRF	TC 2	Entry	1 Call function code 2 Request_type 3 DFHLUC parameter list 4 TCTTE address 5 LU6.2 logical buffer address 6 LU6.2 logical buffer length
AP FE09	DFHZARRF	TC 2	Exit	1 Call function code 2 Request_type 3 DFHLUC parameter list 4 TCTTE address 5 LU6.2 logical buffer address 6 LU6.2 logical buffer length 7 Response code
AP FE0A	DFHZARR1	TC 2	Entry	1 Receive request code 2 Minimum buffer length 3 TCTTE address 4 LU6.2 logical buffer address 5 LU6.2 logical buffer length
AP FE0B	DFHZARR1	TC 2	Exit	1 Receive request code 2 Minimum buffer length 3 TCTTE address 4 LU6.2 logical buffer address 5 LU6.2 logical buffer length 6 Response code
AP FE0C	DFHZARER	TC 2	Entry	1 Error Code 2 DFHLUC parameter list 3 TCTTE address
AP FE0D	DFHZARER	TC 2	Exit	1 Error Code 2 DFHLUC parameter list 3 TCTTE address

Table 80 (Page 2 of 4). Terminal control (LU6.2 application requests)

Point ID	Module	Lvl	Type	Data
AP FE20	DFHZARER	Exc	Invalid call to DFHZARER	1 Error type 2 DFHLUC parameter list
AP FE22	DFHZARRF	Exc	Error not returned from ZERH	3 TCTTE address 1 Call function code 2 Receive_type 3 DFHLUC parameter list 4 TCTTE address 5 LU6.2 logical buffer address 6 LU6.2 logical buffer length
AP FE23	DFHZARR	Exc	Internal logic error	1 Error code 2 DFHLUC parameter list 3 Receive_type 4 Request_type
AP FE24	DFHZARRF	Exc	Invalid call to DFHZARRF	1 Call function code 2 Receive_type 3 DFHLUC parameter list 4 TCTTE address 5 LU6.2 logical buffer address 6 LU6.2 logical buffer length
AP FE25	DFHZARRF	Exc	Bad LUCSDBLK from DFHZERH	1 Call function code 2 Receive_type 3 DFHLUC parameter list 4 TCTTE address 5 LU6.2 logical buffer address 6 LU6.2 logical buffer length
AP FE26	DFHZARR0	Exc	Record length > buffer length	1 Call function code 2 Item to process 3 Record length 4 TCTTE address 5 LU6.2 logical buffer address 6 LU6.2 logical buffer length
AP FE27	DFHZARR1	Exc	Invalid call to DFHZARR1	1 Request_type 2 Minimum buffer length required 3 TCTTE address 4 LU6.2 logical buffer address 5 LU6.2 logical buffer length
AP FE28	DFHZARR	Exc	Unexpected receive type	1 DFHLUC parameter list 2 Receive_type
AP FE29	DFHZARR	Exc	Unexpected DFHZUSR state error	1 State transition required 2 DFHLUC parameter list 3 TCTTE address 4 Response from DFHZUSR (R15)
AP FE2A	DFHZARRF	Exc	Unexpected DFHZUSR state error	1 State transition required 2 DFHLUC parameter list 3 TCTTE address 4 Response from DFHZUSR (R15) 2 TCTTE address 3 TCTTE field TCTERBA 4 TCTTE field TCTERBLA 5 TCTTE LUC extension
AP FE2C	DFHZARR0	Exc	Corrupted LU6.2 buffer	1 Call function code 2 TCTTE address 3 TCTTE field TCTERBA 4 TCTTE field TCTERBLA 5 TCTTE LUC extension
AP FE2D	DFHZARR0	Exc	Invalid LU6.2 buffer pointers	1 Call function code 2 TCTTE address 3 TCTTE field TCTERBA 4 TCTTE field TCTERBLA 5 TCTTE field TCTERBDL 6 TCTTE field TCTERBLL 7 TCTTE LUC extension
AP FE2E	DFHZARR0	Exc	Invalid call to DFHZARR0	1 Call function code 2 Item to process 3 Record length 4 TCTTE address 5 LU6.2 logical buffer address 6 LU6.2 logical buffer length
AP FE2F	DFHZARRC	Exc	Invalid FMH address	1 TCTTE field TCTEFMHA 2 LU6.2 logical buffer address 3 LU6.2 logical buffer length 4 TCTTE address

AP FExx

Table 80 (Page 3 of 4). Terminal control (LU6.2 application requests)				
Point ID	Module	Lvl	Type	Data
AP FE30	DFHZARRA	Exc	Negative TCTELLC detected	1 Call function code 2 TCTTE field TCTELLC 3 TCTTE address 4 Response code
AP FE32	DFHZARR	Exc	Unexpected response from DFHZARRC	1 Error code 2 DFHLUC parameter list 3 LU6.2 logical buffer address 4 LU6.2 logical buffer length 5 Item to process 6 Current record length 7 Complete record length
AP FE33	DFHZARR	Exc	Unexpected response from internal subroutine	1 DFHLUC parameter list 2 Response code
AP FE34	DFHZARR1	Exc	Unexpected response from DFHZARR0	1 Response code 2 TCTTE address 3 Call function code
AP FE35	DFHZARRF	Exc	Unexpected response from DFHZARR0	1 Response code 2 TCTTE address 3 Call function code
AP FE36	DFHZARRA	Exc	Corrupted eyecatcher	1 Call function code 2 TCTTE field TCTERCSA 3 TCTTE address
AP FE37	DFHZARRA	Exc	Invalid application buffer	1 Call function code 2 Data address 3 Data length 4 DFHLUC parameter list 5 TCTTE address 6 Application buffer address 7 Application buffer length
AP FE38	DFHZARRA	Exc	Unable to GETMAIN buffer	1 Call function code 2 Data address 3 Data length 4 DFHLUC parameter list 5 TCTTE address 6 Application buffer address 7 Application buffer length
AP FE39	DFHZARRA	Exc	Invalid call to DFHZARRA	1 Call function code 2 Data address 3 Data length 4 DFHLUC parameter list 5 TCTTE address 6 Application buffer address 7 Application buffer length
AP FE3A	DFHZARER	Exc	DFHZNAC logic error	1 Error type 2 DFHLUC parameter list 3 TCTTE address
AP FE3B	DFHZARR1	Exc	Returning bad response to caller	1 Response code 2 TCTTE address
AP FE3C	DFHZARRF	Exc	Returning bad response to caller	1 Response code 2 TCTTE address
AP FE3D	DFHZARRC	Exc	Returning bad response to caller	1 Response code 2 TCTTE address 3 LU6.2 logical buffer address 4 LU6.2 logical buffer length
AP FE3E	DFHZARR0	Exc	Returning bad response to caller	1 Response code 2 Call function code 3 Item to process 4 Record length 5 TCTTE address
AP FE3F	DFHZARRA	Exc	GETMAIN failed	TCTTE LUC extension
AP FE40	DFHZARRA	Exc	Task purged detected	
AP FE41	DFHZARER	Exc	Task purge detected	1 DFHLUC plist 2 Call function
AP FE42	DFHZARER	Exc	Errors during error processing	1 TCTTE address 2 Call function 3 DFHLUC plist

Table 80 (Page 4 of 4). Terminal control (LU6.2 application requests)

Point ID	Module	Lvl	Type	Data
AP FE43	DFHZARER	Exc	CLSDST requested	1 Call function 2 DFHLUC plist 3 TCTTE address 4 TCTEER15 5 Termid
AP FE44	DFHZARER	Exc	Unexpected DFHZUSR state error	1 DFHLUC parameter list 2 TCTTE address 3 Response from DFHZUSR (R15)
AP FE45	DFHZARR1	Exc	Unexpected response from dispatcher	1 DSSR parameter list 2 TCTTE address
AP FE46	DFHZARER	Exc	Session failure detected	1 LUC parameter list 2 TCTTE address
AP FE47	DFHZARER	Exc	Unexpected response from dispatcher	1 LUC parameter list 2 TCTTE address 3 DSSR parameter list

For further possible trace points, see "Trace points in common subroutines" on page 30.

Sequential I/O Simulation code trace points

Table 81 (Page 1 of 3). Sequential I/O Simulation

Point ID	Module	Lvl	Type	Data
AP FF50	DFHEVOP	AP 1	Entry	1 DCB Address 2 SIO Structure Address 3 DCB 4 SIO Structure
AP FF53	DFHEVOP	AP 1	Before building a Sequential Disk DTF	1 DCB Address 2 DTF Builder parameter list address 3 DCB 4 DTF Builder parameter list
AP FF54	DFHEVOP	AP 1	Before building a Card Reader DTF	1 DCB Address 2 DTF Builder parameter list address 3 DCB 4 DTF Builder parameter list
AP FF55	DFHEVOP	AP 1	Before building a Magnetic Tape DTF	1 DCB Address 2 DTF Builder parameter list address 3 DCB 4 DTF Builder parameter list
AP FF56	DFHEVOP	AP 1	Before building a Card Punch DTF	1 DCB Address 2 DTF Builder parameter list address 3 DCB 4 DTF Builder parameter list
AP FF57	DFHEVOP	AP 1	Before building a Printer DTF	1 DCB Address 2 DTF Builder parameter list address 3 DCB 4 DTF Builder parameter list
AP FF58	DFHEVOP	AP 1	Before building a Device Independent DTF	1 DCB Address 2 DTF Builder parameter list address 3 DCB 4 DTF Builder parameter list
AP FF5D	DFHEVOP	AP 1	Before opening the file	1 DCB Address 2 SIO Structure Address 3 DTF address 4 DCB 5 SIO Structure 6 DTF
AP FF5E	DFHEVOP	Exc	DTF builder failed	1 DCB Address 2 Address of DTF Builder parameter list 3 DTF Builder parameter list
AP FF5F	DFHEVOP	AP 1	Exit	1 DCB Address 2 SIO Structure Address 3 DTF address 4 DCB 5 SIO Structure 6 DTF

AP FFxx

Table 81 (Page 2 of 3). Sequential I/O Simulation				
Point ID	Module	Lvl	Type	Data
AP FF60	DFHEVWR	AP 1	Entry	1 DCB Address 2 SIO Structure Address 3 DTF address 4 DCB 5 SIO Structure 6 DTF
AP FF61	DFHEVWR	AP 1	CHECK Entry point	1 DCB Address 2 SIO Structure Address 3 DTF address 4 DCB 5 SIO Structure 6 DTF
AP FF62	DFHEVWR	AP 1	POINT Entry point	1 DCB Address 2 SIO Structure Address 3 DTF address 4 DCB 5 SIO Structure 6 DTF
AP FF63	DFHEVWR	AP 1	Exit	1 DCB Address 2 SIO Structure Address 3 DTF address 4 DCB 5 SIO Structure 6 DTF
AP FF64	DFHEVWR	Exc	End of File error	1 DCB Address 2 SIO Structure Address 3 DTF address 4 DCB 5 SIO Structure 6 DTF
AP FF65	DFHEVWR	Exc	Wrong Length error	1 DCB Address 2 SIO Structure Address 3 DTF address 4 DCB 5 SIO Structure 6 DTF
AP FF66	DFHEVWR	Exc	I/O Error	1 DCB Address 2 SIO Structure Address 3 DTF address 4 DCB 5 SIO Structure 6 DTF
AP FF67	DFHEVWR	AP 1	Error routine Exit	1 DCB Address 2 SIO Structure Address 3 DTF address 4 DCB 5 SIO Structure 6 DTF
AP FF69	DFHEVWR	Exc	End of Extent error	1 DCB Address 2 SIO Structure Address 3 DTF address 4 DCB 5 SIO Structure 6 DTF
AP FF70	DFHEVPG	AP 1	GET Entry point	1 DCB Address
AP FF71	DFHEVPG	AP 1	About to perform a GET MOVE	1 DCB Address 2 DCB
AP FF72	DFHEVPG	AP 1	About to perform a GET LOCATE	1 DCB Address 2 DCB
AP FF73	DFHEVPG	AP 1	PUT Entry point	1 DCB Address
AP FF74	DFHEVPG	AP 1	About to perform a PUT MOVE	1 DCB Address 2 DCB
AP FF75	DFHEVPG	AP 1	About to perform a PUT LOCATE	1 DCB Address 2 DCB
AP FF76	DFHEVPG	AP 1	Exit	1 DCB Address 2 DCB
AP FF77	DFHEVPG	AP 1	End of file encountered	1 DCB Address 2 DCB
AP FF78	DFHEVPG	AP 1	Wrong length Record error	1 DCB Address 2 DCB
AP FF79	DFHEVPG	AP 1	I/O error	1 DCB Address 2 DCB

Table 81 (Page 3 of 3). Sequential I/O Simulation

Point ID	Module	Lvl	Type	Data
AP FF7A	DFHEVPG	AP 1	Error routines exit	1 DCB Address 2 DCB
AP FF7B	DFHEVPG	AP 1	End of extent encountered	1 DCB Address 2 DCB
AP FF80	DFHEVCL	AP 1	Entry	1 DCB Address 2 SIO Structure Address 3 DTF address 4 DCB 5 SIO Structure 6 DTF
AP FF81	DFHEVCL	AP 1	About to CLOSE the file	1 DCB Address 2 SIO Structure Address 3 DTF address 4 DCB 5 SIO Structure 6 DTF
AP FF82	DFHEVCL	AP 1	Close completed	1 DCB Address 2 SIO Structure Address 3 DTF address 4 DCB 5 SIO Structure 6 DTF
AP FF83	DFHEVCL	AP 1	Exit	1 DCB Address 2 SIO Structure Address 3 DCB 4 SIO Structure
AP FF90	DFHEVBBF	AP 1	Entry	1 Trace data
AP FF91	DFHEVBBF	AP 1	Exit	1 Trace data
AP FF92	DFHEVBBF	AP 1	Function Entry	1 Trace data 2 Address of Work area
AP FF93	DFHEVBBF	AP 1	Function Exit	1 Trace data

CICS catalog domain trace points

“CC” in the point ID or the level means either “GC” or “LC”, for the global and local catalog environments, respectively.

Table 82 (Page 1 of 2). CICS catalog domain trace points

Point ID	Module	Lvl	Type	Data
CC 1010	DFHCCDM	CC 1	Initialization entry	1 DMDM parameter list
CC 1020	DFHCCDM	Exc	Recovery	1 Kernel error data
CC 1040	DFHCCDM	CC 1	Initialization exit	1 DMDM parameter list
CC 1B30	DFHCCDM	Exc	VSAM error	1 Report message 2 VSAM response code 3 VSAM error code
CC 1B40	DFHCCDM	Exc	Bad SET PHASE response	1 Response code 2 Reason code
CC 1B50	DFHCCDM	Exc	Add lock failure	1 Response code 2 Reason code
CC 1B60	DFHCCDM	Exc	Unlock failure	1 Response code 2 Reason code
CC 2010	DFHCCCC	CC 1	Entry	1 CCCC parameter list
CC 2020	DFHCCCC	Exc	New VSAM extent	
CC 2050	DFHCCCC	CC 1	Exit	1 CCCC parameter list
CC 2070	DFHCCCC	Exc	Serialization entry error	1 CCCC parameter list 2 Response code 3 Reason code
CC 2080	DFHCCCC	Exc	Serialization exit error	1 CCCC parameter list 2 Response code 3 Reason code
CC 2090	DFHCCCC	Exc	VSAM serial lock failure	1 CCCC parameter list 2 Response code 3 Reason code
CC 20A0	DFHCCCC	Exc	VSAM serial unlock failure	1 CCCC parameter list 2 Response code 3 Reason code
CC 20B0	DFHCCCC	Exc	XC WAIT unlock failure	1 CCCC parameter list 2 Response code 3 Reason code

DMF trace points

<i>Table 82 (Page 2 of 2). CICS catalog domain trace points</i>				
Point ID	Module	Lvl	Type	Data
CC 20C0	DFHCCCC	Exc	XC WAIT lock failure	1 CCCC parameter list 2 Response code 3 Reason code
CC 2B10	DFHCCCC	Exc	Data too long for file	1 CCCC parameter list
CC 2B20	DFHCCCC	Exc	Invalid function request	1 CCCC parameter list
CC 2B30	DFHCCCC	Exc	Recovery	1 Kernel error data 2 CCCC parameter list
CC 2B40	DFHCCCC	Exc	String wait unlock error	1 CCCC parameter list 2 Response code 3 Reason code
CC 2B41	DFHCCCC	Exc	String wait lock error	1 CCCC parameter list 2 Response code 3 Reason code
CC 2B42	DFHCCCC	Exc	Change mode failure	1 CCCC parameter list 2 Response code 3 Reason code
CC 2B43	DFHCCCC	Exc	Restore mode failure	1 CCCC parameter list 2 Response code 3 Reason code
CC 2B44	DFHCCCC	Exc	WAIT OLDC failure	1 CCCC parameter list 2 Response code 3 Reason code
CC 2B50	DFHCCCC	Exc	Invalid token	1 CCCC parameter list
CC 2B52	DFHCCCC	Exc	END BROWSE invalid token	1 CCCC parameter list
CC 2B53	DFHCCCC	Exc	END WRITE invalid token	1 CCCC parameter list
CC 2B54	DFHCCCC	Exc	GET NEXT invalid token	1 CCCC parameter list
CC 2B55	DFHCCCC	Exc	PUT REPLACE invalid token	1 CCCC parameter list
CC 2B56	DFHCCCC	Exc	WRITE NEXT invalid token	1 CCCC parameter list
CC 2B57	DFHCCCC	Exc	DELETE invalid token	1 CCCC parameter list
CC 2B58	DFHCCCC	Exc	Startup token in use, duplicate Startup Open	
CC 2B59	DFHCCCC	Exc	Startup token unused, not opened by Startup Open	
CC 2B5A	DFHCCCC	Exc	Startup Open and Close not valid for local catalog	
CC 2B5B	DFHCCCC	CC 2	Using Write_Next	1Token
CC 2B5C	DFHCCCC	CC 1	Allocated token	1Token
CC 2B60	DFHCCCC	Exc	VSAM error	1 VSAM response 2 VSAM ACB 3 VSAM RPLs 4 current thread number
CC 2B70	DFHCCCC	Exc	Data too long for user's buffer	1 CCCC parameter list
CC 2B71	DFHCCCC	Exc	Data too long for file	1 CCCC parameter list
CC 2B72	DFHCCCC	Exc	Data too long to WRITE	1 CCCC parameter list
CC 2B73	DFHCCCC	Exc	Data too long to WRITE NEXT	1 CCCC parameter list

DMF domain trace points

<i>Table 83 (Page 1 of 2). DMF domain trace entries</i>				
Point ID	Module	Lvl	Type	Data
DF 1000	DFHDFABX	DF 1	Entry	None
DF 1001	DFHDFABX	DF 1	Exit	None
DF 1400	DFHDFPCX	DF 1	Entry	None
DF 1401	DFHDFPCX	DF 1	Exit	None
DF 1800	DFHDFCR	DF 1	Entry	None
DF 1801	DFHDFCR	DF 1	Exit	None
DF 2000	DFHDFFM	DF 1	Entry	None
DF 2001	DFHDFFM	DF 1	Exit	None
DF 2002	DFHDFFM	DF 1	Remove from queue	1 DFFM parameter list
DF 2003	DFHDFFM	DF 1	Release Storage	1 Address of storage
DF 2004	DFHDFFM	DF 1	Storage Released	1 Return code
DF 2005	DFHDFFM	DF 1	About to issue STXIT AB	1 DFHDFFM
DF 2006	DFHDFFM	DF 1	Issued STXIT AB	1 DFHDFFM
DF 2007	DFHDFFM	DF 1	Abend handler entered	1 Abend code
DF 2008	DFHDFFM	DF 1	Add Catalog Label	1 Catalog DDNAME
DF 2009	DFHDFFM	DF 1	Add Catalog Label complete	1 Return code
DF 200A	DFHDFFM	DF 1	About to issue GENCB	1 EXLST
DF 200B	DFHDFFM	DF 1	GENCB issued	1 EXLST
DF 200C	DFHDFFM	DF 1	Create an ACB	1 ACB
DF 200D	DFHDFFM	DF 1	Create an ACB completed	1 ACB
DF 200E	DFHDFFM	DF 1	Issue GENCB for an RPL	1 RPL
DF 200F	DFHDFFM	DF 1	Issue GENCB for an RPL completed	1 RPL

Table 83 (Page 2 of 2). DMF domain trace entries

Point ID	Module	Lvl	Type	Data
DF 2010	DFHDFFM	DF 1	About to delete label in catalog	1 Dataset Name
DF 2011	DFHDFFM	DF 1	Delete of label complete	1 Return code
DF 2012	DFHDFFM	DF 1	About to OPEN dataset	1 ACB
DF 2013	DFHDFFM	DF 1	Open dataset complete	1 ACB
DF 2014	DFHDFFM	DF 1	About to issue PUT	1 RPL
DF 2015	DFHDFFM	DF 1	Put complete	1 RPL
DF 2016	DFHDFFM	DF 1	About to issue CLOSE	1 ACB
DF 2017	DFHDFFM	DF 1	CLOSE complete	1 ACB
DF 2018	DFHDFFM	DF 1	About to issue WAIT	1 ECB
DF 2019	DFHDFFM	DF 1	Return from WAIT	1 ECB
DF 201A	DFHDFFM	DF 1	About to issue POST	1 ECB
DF 201B	DFHDFFM	DF 1	Return from POST	1 ECB
DF 201C	DFHDFFM	DF 1	About to issue STXIT PC	1 DFHDFFM
DF 201D	DFHDFFM	DF 1	Return from STXIT PC	1 DFHDFFM
DF 2800	DFHDFGF	DF 1	Entry	1 DFGF Parameter list
DF 2801	DFHDFGF	DF 1	Exit	1 DFDG Parameter list
DF 2802	DFHDFGF	DF 1	About to issue Storage obtain request	1 Length of storage requested
DF 2803	DFHDFGF	DF 1	Storage obtain request completed	1 Return code
DF 2804	DFHDFGF	DF 1	About to issue Storage release request	1 Address of storage to release
DF 2805	DFHDFGF	DF 1	Storage release request completed	1 Return code
DF 3000	DFHDFIT	DF 1	Entry	1 DFHDFIT ENTRY
DF 3001	DFHDFIT	DF 1	Exit	1 DFHDFIT EXIT
DF 3800	DFHDFLD	DF 1	Entry	1 DFLD Parameter list
DF 3801	DFHDFLD	DF 1	Exit	1 DFLD Parameter list
DF 3802	DFHDFLD	DF 1	About to issue CDLOAD	1 Program name
DF 3803	DFHDFLD	DF 1	CDLOAD completed	1 Return code
DF 3804	DFHDFLD	DF 1	About to issue CDDELETE	1 Program name
DF 3805	DFHDFLD	DF 1	CDDELETE completed	1 Return code
DF 4000	DFHDFLM	DF 1	Entry	1 DFLM Parameter list
DF 4001	DFHDFLM	DF 1	Exit	1 DFLM Parameter list
DF 4800	DFHDFOC	DF 1	Entry	1 DFHDFOC ENTRY
DF 4801	DFHDFOC	DF 1	Exit	1 DFHDFOC EXIT
DF 5000	DFHDFQM	DF 1	Entry	1 DFQM Parameter list
DF 5001	DFHDFQM	DF 1	Exit	1 DFQM Parameter list
DF 5800	DFHDFRF	DF 1	Entry	1 DFRF Parameter list
DF 5801	DFHDFRF	DF 1	Exit	1 DFRF Parameter list
DF 6000	DFHDFRM	DF 1	Entry	1 DFRM Parameter list
DF 6001	DFHDFRM	DF 1	Exit	1 DFRM Parameter list
DF 6800	DFHDFSM	DF 1	Entry	1 DFHDFSM ENTRY
DF 6801	DFHDFSM	DF 1	Exit	1 DFHDFSM EXIT
DF 7002	DFHDFSIP	DF 1	About to issue SUBSID	1 SUBSID name
DF 7003	DFHDFSIP	DF 1	Return from SUBSID	1 Return code
DF 7004	DFHDFSIP	DF 1	About to remove SUBSID	1 SUBSID name
DF 7005	DFHDFSIP	DF 1	Removal of SUBSID complete	1 Return code
DF 7006	DFHDFSIP	DF 1	About to issue STXIT AB	1 AB Save Area
DF 7007	DFHDFSIP	DF 1	Return from STXIT AB	1 Return code
DF 7008	DFHDFSIP	DF 1	About to issue STXIT OC	1 OC Save area
DF 7009	DFHDFSIP	DF 1	Return from STXIT OC	1 Return code
DF 700A	DFHDFSIP	DF 1	About to issue STXIT IT	1 IT Save area
DF 700B	DFHDFSIP	DF 1	Return from STXIT IT	1 Return code
DF 700C	DFHDFSIP	DF 1	About to issue ATTACH	1 Subtask name
DF 700D	DFHDFSIP	DF 1	Return from ATTACH	1 Return code
DF 700E	DFHDFSIP	DF 1	About to issue WAIT	1 Address of ECB
DF 700F	DFHDFSIP	DF 1	Return from WAIT	1 Address of ECB
DF 7010	DFHDFSIP	DF 1	About to issue WAITM	1 WAITM Parameter list
DF 7011	DFHDFSIP	DF 1	Return from WAITM	1 WAITM Parameter list
DF 7012	DFHDFSIP	DF 1	About to issue POST	1 Address of ECB
DF 7013	DFHDFSIP	DF 1	Return from POST	1 Address of ECB
DF 7014	DFHDFSIP	DF 1	About to issue WTOR	1 WTOR ECB
DF 7015	DFHDFSIP	DF 1	Return from WTOR	1 Answer
DF 7016	DFHDFSIP	DF 1	About to issue STXIT PC	1 PC save area
DF 7017	DFHDFSIP	DF 1	Return from STXIT PC	1 Return code

Directory domain trace points

Table 84 (Page 1 of 3). Directory domain trace entries

Point ID	Module	Lvl	Type	Data
DD 0101	DFHDDDM	DD 1	Entry	1 DFHDDDM parameter list
DD 0102	DFHDDDM	DD 1	Exit	1 DFHDDDM parameter list

DD domain trace points

Table 84 (Page 2 of 3). Directory domain trace entries

Point ID	Module	Lvl	Type	Data
DD 0103	DFHDDDM	Exc	Invalid function	1 DFHDDDM parameter list
DD 0104	DFHDDDM	Exc	Invalid format	1 DFHDDDM parameter list
DD 0105	DFHDDDM	Exc	No storage for anchor	1 DFHDDDM parameter list
DD 0106	DFHDDDM	Exc	Unlock failed	1 DFHDDDM parameter list
DD 0107	DFHDDDM	Exc	Recovery entry	1 DFHDDDM parameter list
DD 0108	DFHDDDM	Exc	Purge of DD catalog failed	2 Kernel error data 1 DFHDDDM parameter list
DD 0201	DFHDDDI	DD 1	Entry	1 DFHDDDI parameter list 2 Directory name 3 Entry name
DD 0202	DFHDDDI	DD 1	Exit	1 DFHDDDI parameter list
DD 0203	DFHDDDI	Exc	Invalid function	1 DFHDDDI parameter list
DD 0204	DFHDDDI	Exc	Invalid format	1 DFHDDDI parameter list
DD 0205	DFHDDDI	Exc	Invalid directory	1 DFHDDDI parameter list
DD 0206	DFHDDDI	Exc	Invalid name length	1 DFHDDDI parameter list
DD 0207	DFHDDDI	Exc	Insufficient storage	1 DFHDDDI parameter list 2 Directory name
DD 0208	DFHDDDI	Exc	Add subpool failed	1 DFHDDDI parameter list
DD 0209	DFHDDDI	Exc	Add lock failed	1 DFHDDDI parameter list
DD 020A	DFHDDDI	Exc	Get lock failed	1 DFHDDDI parameter list 2 Directory name
DD 020B	DFHDDDI	Exc	Duplicate directory	1 DFHDDDI parameter list
DD 020C	DFHDDDI	DD 2	Delete not found	1 DFHDDDI parameter list 2 Directory name 3 Entry name
DD 020D	DFHDDDI	DD 2	Replace not found	1 DFHDDDI parameter list 2 Directory name 3 Entry name
DD 020E	DFHDDDI	DD 2	Duplicate name	1 DFHDDDI parameter list 2 Directory name 3 Entry name
DD 020F	DFHDDDI	Exc	Unlock failed	1 DFHDDDI parameter list 2 Directory name
DD 0210	DFHDDDI	Exc	Recovery unlock failed	1 DFHDDDI parameter list 2 Directory name
DD 0211	DFHDDDI	Exc	Recovery entry	1 DFHDDDI parameter list 2 Kernel error data
DD 0212	DFHDDDI	DD 2	Rehash start	1 DFHDDDI parameter list 2 Directory name 3 New hash size
DD 0213	DFHDDDI	DD 2	Rehash complete	1 DFHDDDI parameter list 2 Directory name
DD 0280	DFHDDDI	Exc	AVL initialization error	1 DFHDDDI parameter list
DD 0281	DFHDDDI	Exc	AVL add error	1 DFHDDDI parameter list 2 Directory name 3 Entry name
DD 0282	DFHDDDI	Exc	AVL delete error	1 DFHDDDI parameter list 2 Directory name 3 Entry name
DD 0283	DFHDDDI	Exc	AVL get error	1 DFHDDDI parameter list 2 Directory name 3 Entry name
DD 0301	DFHDDLO	DD 1	Entry	1 DFHDDLO parameter list 2 Directory name 3 Entry name
DD 0302	DFHDDLO	DD 1	Exit	1 DFHDDLO parameter list
DD 0303	DFHDDLO	Exc	Invalid function	1 DFHDDLO parameter list
DD 0304	DFHDDLO	Exc	Invalid format	1 DFHDDLO parameter list
DD 0305	DFHDDLO	Exc	Invalid directory	1 DFHDDLO parameter list
DD 0306	DFHDDLO	Exc	Recovery entry	1 DFHDDLO parameter list 2 Kernel error data
DD 0307	DFHDDLO	Exc	Lock error	1 DFHDDLO parameter list 2 Directory name
DD 0308	DFHDDLO	Exc	Unlock error	1 DFHDDLO parameter list 2 Directory name
DD 0309	DFHDDLO	Exc	Recovery unlock error	1 DFHDDLO parameter list 2 Directory name
DD 0401	DFHDDBR	DD 1	Entry	1 DFHDDBR parameter list 2 Directory name
DD 0402	DFHDDBR	DD 1	Exit	1 DFHDDBR parameter list 2 GET_NEXT = > dir name 3 GET_NEXT = > entry name

Table 84 (Page 3 of 3). Directory domain trace entries

Point ID	Module	Lvl	Type	Data
DD 0403	DFHDDBR	Exc	Invalid function	1 DFHDDBR parameter list
DD 0404	DFHDDBR	Exc	Invalid format	1 DFHDDBR parameter list
DD 0405	DFHDDBR	Exc	Invalid directory	1 DFHDDBR parameter list
DD 0406	DFHDDBR	Exc	Invalid browse	1 DFHDDBR parameter list 2 Directory name
DD 0407	DFHDDBR	Exc	Invalid name	1 DFHDDBR parameter list 2 Directory name
DD 0408	DFHDDBR	Exc	Lock failed	1 DFHDDBR parameter list 2 Directory name
DD 0409	DFHDDBR	Exc	Unlock failed	1 DFHDDBR parameter list 2 Directory name
DD 040A	DFHDDBR	Exc	Recovery unlock failed	1 DFHDDBR parameter list 2 Directory name
DD 040B	DFHDDBR	Exc	Recovery entry	1 DFHDDBR parameter list 3 Kernel error data
DD 0480	DFHDDBR	Exc	AVL set cursor error	1 DFHDDBR parameter list 2 Directory name 3 Browse_val
DD 0481	DFHDDBR	Exc	AVL get current error	1 DFHDDBR parameter list 2 Directory name 3 Browse_val
DD 0482	DFHDDBR	Exc	AVL storage error	1 DFHDDBR parameter list 2 Directory name

DM domain trace points

Domain manager domain trace points

<i>Table 85 (Page 1 of 2). Domain manager domain trace points</i>				
Point ID	Module	Lvl	Type	Data
DM 0001	DFHMDM	DM 1	Entry	1 DMDM parameter list
DM 0002	DFHMDM	DM 1	Exit	1 DMDM parameter list
DM 0003	DFHDMIQ	DM 1	Entry	1 DMIQ parameter list
DM 0004	DFHDMIQ	DM 1	Exit	1 DMIQ parameter list
DM 0007	DFHMDMS	DM 2	Initialize call to domain	1 Domain token
DM 0008	DFHMDMS	DM 2	Quiesce call to domain	1 Domain token
DM 0009	DFHMDMS	DM 2	Domain call return	1 DMDM parameter list
DM 000A	DFHMDMS	DM 2	Domain call return	1 DMDM parameter list
DM 000C	DFHMDM	DM 2	Change of global phase	1 Old phase state 2 New phase state
DM 000D	DFHMDMS	DM 2	Change of global phase	1 Old phase state 2 New phase state
DM 0010	DFHDMWQ	DM 1	Entry	1 DMWQ parameter list
DM 0011	DFHDMWQ	DM 1	Exit	1 DMWQ parameter list
DM 0012	DFHDMWQ	DM 2	Domain wait	1 Caller's domain token 2 Domain being waited on 3 Phase being waited on 4 Actual phase
DM 0013	DFHDMWQ	DM 2	System wait	1 Caller's domain token 2 Phase being waited on 3 Phase state
DM 0014	DFHDMWQ	DM 2	Domain wait ended	1 Caller's domain token 2 Domain being waited on 3 Phase being waited on
DM 0015	DFHDMWQ	DM 2	System wait ended	1 Caller's domain token 2 Phase being waited on
DM 0020	DFHMDM	Exc	Recovery	1 DMDM parameter list 2 Kernel error data
DM 0021	DFHMDMS	Exc	Recovery	1 DSAT parameter list 2 Kernel error data
DM 0022	DFHDMWQ	Exc	Recovery	1 DMWQ parameter list 2 Kernel error data
DM 0023	DFHDMIQ	Exc	Recovery	1 DMIQ parameter list 2 Kernel error data
DM 0025	DFHMDM	Exc	Acquire program error	1 LDLD parameter list
DM 0026	DFHMDM	Exc	Acquire program error	1 LDLD parameter list
DM 0027	DFHMDM	Exc	Acquire program error	1 LDLD parameter list
DM 0028	DFHMDM	Exc	Acquire program error	1 LDLD parameter list
DM 0029	DFHMDM	Exc	Add domain error	1 KEDD parameter list
DM 002A	DFHMDM	Exc	Add domain error	1 KEDD parameter list
DM 002B	DFHMDM	Exc	Add subpool error	1 SMAD parameter list
DM 002C	DFHMDM	Exc	Add record error	1 CCCC parameter list
DM 002D	DFHMDM	Exc	Delete record error	1 CCCC parameter list
DM 002E	DFHMDM	Exc	End browse error	1 CCCC parameter list
DM 002F	DFHMDM	Exc	End browse error	1 CCCC parameter list
DM 0030	DFHMDM	Exc	Get next error	1 CCCC parameter list
DM 0031	DFHMDM	Exc	Get next error	1 CCCC parameter list
DM 0032	DFHMDM	Exc	Start browse error	1 CCCC parameter list
DM 0033	DFHMDM	Exc	Define program error	1 LDLD parameter list
DM 0034	DFHMDM	Exc	Delete lock error	1 LMLM parameter list
DM 0035	DFHMDM	Exc	GETMAIN failure	1 SMGF parameter list
DM 0036	DFHMDM	Exc	Invalid domain specified	1 DMDM parameter list
DM 0037	DFHMDM	Exc	Invalid domain specified	1 DMDM parameter list
DM 0039	DFHMDM	Exc	Invalid format	1 DMDM parameter list
DM 003A	DFHMDM	Exc	Invalid function	1 DMDM parameter list
DM 003B	DFHMDM	Exc	Invalid phase specified	1 DMDM parameter list
DM 003C	DFHMDM	Exc	Invalid program	1 LDLD parameter list
DM 003D	DFHMDM	Exc	Quiesce requested while system initializing	1 DMDM parameter list
DM 003E	DFHMDM	Exc	Invalid set phase	1 DMDM parameter list
DM 003F	DFHMDM	Exc	Invalid set phase	1 DMDM parameter list
DM 0040	DFHMDM	Exc	Insufficient storage	1 LDLD parameter list
DM 0041	DFHMDM	Exc	Insufficient storage	1 LDLD parameter list
DM 0042	DFHMDM	Exc	Program not found	1 LDLD parameter list
DM 0043	DFHMDM	Exc	Program not found	1 LDLD parameter list
DM 0044	DFHMDM	Exc	Lock error	1 LMLM parameter list
DM 0046	DFHMDM	Exc	Release program error	1 LDLD parameter list
DM 0047	DFHMDM	Exc	Store clock failure	
DM 0048	DFHMDM	Exc	Store clock failure	
DM 0049	DFHMDM	Exc	Store clock failure	
DM 004A	DFHMDM	Exc	Store clock failure	

Table 85 (Page 2 of 2). Domain manager domain trace points

Point ID	Module	Lvl	Type	Data
DM 004B	DFHDMDM	Exc	Invalid set phase	1 DMDM parameter list
DM 004C	DFHDMDM	Exc	Invalid wait phase	1 DMDM parameter list
DM 004D	DFHDMDM	Exc	Invalid set phase	1 DMDM parameter list
DM 004E	DFHDMDM	Exc	Invalid wait phase	1 DMDM parameter list
DM 004F	DFHDMDM	Exc	Unlock error	1 LMLM parameter list
DM 0050	DFHDMDM	Exc	Unlock error	1 LMLM parameter list
DM 0051	DFHDMDM	Exc	Unlock error	1 LMLM parameter list
DM 0055	DFHDMDS	Exc	Inquire domain name error	1 KEDD parameter list
DM 0056	DFHDMDS	Exc	Inquire domain name error	1 KEDD parameter list
DM 0059	DFHDMDS	Exc	Invalid format	1 DSAT parameter list
DM 005A	DFHDMDS	Exc	Invalid function	1 DSAT parameter list
DM 005B	DFHDMDS	Exc	Lock error	1 LMLM parameter list
DM 005C	DFHDMDS	Exc	Lock error	1 LMLM parameter list
DM 005D	DFHDMDS	Exc	Lock error	1 LMLM parameter list
DM 005E	DFHDMDS	Exc	Store clock failure	
DM 005F	DFHDMDS	Exc	Store clock failure	
DM 0061	DFHDMDS	Exc	Unlock error	1 LMLM parameter list
DM 0062	DFHDMDS	Exc	Unlock error	1 LMLM parameter list
DM 0063	DFHDMDS	Exc	Unlock error	1 LMLM parameter list
DM 0064	DFHDMDS	Exc	Unlock error	1 LMLM parameter list
DM 0065	DFHDMDS	Exc	Unlock error	1 LMLM parameter list
DM 0070	DFHDMWQ	Exc	GETMAIN failure	1 SMGF parameter list
DM 0071	DFHDMWQ	Exc	Invalid function	1 DMWQ parameter list
DM 0072	DFHDMWQ	Exc	Invalid format	1 DMWQ parameter list
DM 0073	DFHDMWQ	Exc	Lock error	1 LMLM parameter list
DM 0074	DFHDMWQ	Exc	No element found	1 Suspend token
DM 0075	DFHDMWQ	Exc	Unlock error	1 LMLM parameter list
DM 0080	DFHDMIQ	Exc	Domain ID not found	1 DMIQ parameter list
DM 0081	DFHDMIQ	Exc	Domain name not found	1 KEDD parameter list
DM 0082	DFHDMIQ	Exc	Domain token not found	1 KEDD parameter list
DM 0083	DFHDMIQ	Exc	GETMAIN failure	1 SMGF parameter list
DM 0084	DFHDMIQ	Exc	Inquire domain name error	1 KEDD parameter list
DM 0085	DFHDMIQ	Exc	Inquire domain name error	1 KEDD parameter list
DM 0086	DFHDMIQ	Exc	Invalid domain token	1 DMIQ parameter list
DM 0087	DFHDMIQ	Exc	Invalid format	1 DMIQ parameter list
DM 0088	DFHDMIQ	Exc	Invalid function	1 DMIQ parameter list
DM 008A	DFHDMIQ	Exc	Invalid get next token	1 DMIQ parameter list
DM 008B	DFHDMIQ	Exc	Lock error	1 LMLM parameter list
DM 008C	DFHDMIQ	Exc	Unlock error	1 LMLM parameter list

Dispatcher domain trace points

Table 86 (Page 1 of 5). Dispatcher domain trace points

Point ID	Module	Lvl	Type	Data
DS 0002	DFHDSAT	DS 1	Entry	1 DSAT parameter list
DS 0003	DFHDSAT	DS 1	Exit	1 DSAT parameter list
DS 0004	DFHDSSR	DS 1	Entry	1 DSSR parameter list
DS 0005	DFHDSSR	DS 1	Exit	1 DSSR parameter list
DS 0006	DFHSDSM	DS 1	Entry	1 DMDM parameter list
DS 0007	DFHSDSM	DS 1	Exit	1 DMDM parameter list
DS 0008	DFHDSIT	DS 1	Entry	1 DSIT parameter list
DS 0009	DFHDSIT	DS 1	Exit	1 DSIT parameter list
DS 0010	DFHDSBR	DS 1	Entry	1 DSBR parameter list
DS 0011	DFHDSBR	DS 1	Exit	1 DSBR parameter list
DS 0012	DFHDSKE	DS 1	Entry	1 KEDS parameter list
DS 0013	DFHDSKE	DS 1	Exit	1 KEDS parameter list
DS 0014	DFHDSTCB	DS 1	Entry	1 DSDS parameter list
DS 0015	DFHDSTCB	DS 1	Exit	1 DSDS parameter list
DS 0016	DFHSDSDS3	DS 2	Entry	1 DSDS parameter list
DS 0017	DFHSDSDS3	DS 2	Exit	1 DSDS parameter list
DS 0018	DFHSDSDS4	DS 2	Entry	1 DSDS parameter list
DS 0019	DFHSDSDS4	DS 2	Exit	1 DSDS parameter list
DS 0020	DFHDSST	DS 1	Entry	1 STST parameter list
DS 0021	DFHDSST	DS 1	Exit	1 STST parameter list
DS 0022	DFHSDSDS3	DS 2	Before VSE wait	1 Internal data 2 Internal data
DS 0023	DFHSDSDS3	DS 2	After VSE wait	1 Internal data 2 Internal data

DS domain trace points

Table 86 (Page 2 of 5). Dispatcher domain trace points				
Point ID	Module	Lvl	Type	Data
DS 0024	DFHDSDS3	DS 2	Set VSE STIMERM	1 STIMER Interval 2 Internal data
DS 0025	DFHDSDS3	DS 2	Cancel VSE STIMERM	1 Internal data
DS 0026		DS 2	Before VSE GETMAIN	1 Module issuing GETMAIN 2 Amount of storage requested
DS 0027		DS 2	After VSE GETMAIN	1 Module issuing GETMAIN 2 Amount of storage requested 3 Address of storage
DS 0028	DFHDSTCB	DS 2	Internal function	
DS 0030	DFHDSTCB	DS 2	Internal function	
DS 0031	DFHDSTCB	DS 2	Internal function	
DS 0032	DFHDSDS3	DS 2	Internal function	
DS 0033	DFHDSTCB	DS 2	Internal function	
DS 0034	DFHDSDS3	DS 2	Internal function	
DS 0038	DFHDSSM	DS 2	Storage getting short	
DS 0039	DFHDSSM	DS 2	Storage critical	
DS 0040	DFHDSSM	DS 2	Storage ok	
DS 0041		DS 2	Internal function	1 Internal data 2 Internal data
DS 0042		DS 2	Internal function	1 Internal data 2 Internal data 3 Internal data
DS 0043		DS 2	Internal function	1 Internal data 2 Internal data 3 Internal data
DS 0044		DS 2	Internal function	1 Internal data 2 Internal data
DS 0046		DS 2	Internal function	1 Internal data 2 Internal data
DS 0047	DFHDSKE	Exc	Invalid format	1 Detecting module 2 KEDS parameter list
DS 0048	DFHDSKE	Exc	Invalid function	1 Detecting module 2 KEDS parameter list
DS 0049	DFHDSKE	Exc	Recovery	1 Detecting module 2 KEDS parameter list
DS 0050	DFHDSAT	Exc	Invalid format	3 Kernel error data 1 Detecting module
DS 0051	DFHDSAT	Exc	Invalid function	2 DSAT parameter list 1 Detecting module
DS 0052	DFHDSAT	Exc	Recovery	2 DSAT parameter list 1 Detecting module
DS 0053	DFHDSTCB	Exc	Invalid format	2 DSAT parameter list 3 Kernel error data 1 Detecting module
DS 0054	DFHDSTCB	Exc	Invalid function	2 DSDS parameter list 1 Detecting module
DS 0055	DFHDSTCB	Exc	Recovery	2 DSDS parameter list 1 Detecting module
DS 0056	DFHDSTCB	Exc	Task suspend token in use	3 Kernel error data 1 Detecting module 2 Dispatcher task area 3 Suspend/resume area
DS 0057	DFHDSTCB	Exc	Store clock failure	1 Detecting module 2 What the STCK generated
DS 0058	DFHDSDS3	Exc	Invalid format	1 Detecting module 2 DSDS parameter list
DS 0059	DFHDSDS3	Exc	Invalid function	1 Detecting module 2 DSDS parameter list
DS 0060	DFHDSDS3	Exc	Recovery	1 Detecting module 2 DSDS parameter list
DS 0061	DFHDSDS4	Exc	Invalid format	3 Kernel error data 1 Detecting module
DS 0062	DFHDSDS4	Exc	Invalid function	2 DSDS parameter list 1 Detecting module
DS 0063	DFHDSDS4	Exc	Recovery	2 DSDS parameter list 1 Detecting module
DS 0064	DFHDSSR	Exc	Invalid format	2 DSDS parameter list 3 Kernel error data 1 Detecting module 2 DSSR parameter list

Table 86 (Page 3 of 5). Dispatcher domain trace points

Point ID	Module	Lvl	Type	Data
DS 0065	DFHDSSR	Exc	Invalid function	1 Detecting module 2 DSSR parameter list
DS 0066	DFHDSSR	Exc	Recovery	1 Detecting module 2 DSSR parameter list 3 Kernel error data
DS 0067	DFHDSSR	Exc	Suspend error - invalid suspend token	1 Detecting module 2 DSSR parameter list
DS 0068	DFHDSSR	Exc	Suspend error - already suspended	1 Detecting module
DS 0069	DFHDSSR	Exc	Suspend error - purged	2 DSSR parameter list 1 Detecting module 2 DSSR parameter list
DS 0070	DFHDSSR	Exc	Suspend error - not resumed since last purge	3 Dispatcher task area 1 Detecting module
DS 0071	DFHDSSR	Exc	Resume error - invalid suspend token	2 DSSR parameter list 1 Detecting module
DS 0072	DFHDSSR	Exc	Resume error - already resumed	2 DSSR parameter list 1 Detecting module
DS 0073	DFHDSSR	Exc	Resume error - purged	2 DSSR parameter list 1 Detecting module
DS 0074	DFHDSSR	Exc	Delete suspend error - invalid suspend token	2 DSSR parameter list 1 Detecting module
DS 0075	DFHDSSR	Exc	Delete suspend error - suspend token in use	2 DSSR parameter list 1 Detecting module 2 DSSR parameter list 3 Suspend/resume area
DS 0076	DFHDSSR	Exc	Invalid mode	1 Detecting module 2 DSSR parameter list
DS 0077	DFHDSDM	Exc	Invalid format	1 Detecting module 2 DMDM parameter list
DS 0078	DFHDSDM	Exc	Invalid function	1 Detecting module 2 DMDM parameter list
DS 0079	DFHDSDM	Exc	Set anchor failure	1 Detecting module 2 KEDD parameter list
DS 0080	DFHDSDM	Exc	Add gate failure	1 Detecting module 2 KEDD parameter list
DS 0081	DFHDSDM	Exc	Add lock failure	1 Detecting module 2 LMLM parameter list
DS 0082	DFHDSDM	Exc	Unlock failure	1 Detecting module 2 LMLM parameter list
DS 0083	DFHDSDM	Exc	CCCC get failure	1 Detecting module 2 CCCC parameter list
DS 0084	DFHDSDM	Exc	CCCC add failure	1 Detecting module 2 CCCC parameter list
DS 0085	DFHDSDM	Exc	PAGP failure	1 Detecting module 2 PAGP parameter list
DS 0086	DFHDSDM	Exc	Add subpool failure	1 Detecting module 2 SMAD parameter list
DS 0087	DFHDSDM	Exc	GETMAIN request failed	1 Detecting module 2 Amount of storage requested
DS 0088	DFHDSDM	Exc	GETMAIN request failed	1 Detecting module 2 Amount of storage requested
DS 0089	DFHDSDM	Exc	Activate mode request failed	1 Detecting module 2 DFHDMDM_ARG 3 DFHDSIT_ARG
DS 0090	DFHDSDM	Exc	GETMAIN request failed	1 Detecting module 2 Amount of storage requested
DS 0091	DFHDSDM	Exc	Wait phase error	1 Detecting module 2 DMDM parameter list
DS 0092	DFHDSDM	Exc	Wait phase error	1 Detecting module 2 DMDM parameter list
DS 0093	DFHDSDM	Exc	Wait phase error	1 Detecting module 2 DMDM parameter list
DS 0094	DFHDSDM	Exc	Recovery	1 Detecting module 2 DMDM parameter list
DS 0095	DFHDSDM	Exc	GETMAIN request failed	3 Kernel error data 1 Detecting module 2 Amount of storage requested

DS domain trace points

Table 86 (Page 4 of 5). Dispatcher domain trace points				
Point ID	Module	Lvl	Type	Data
DS 0096	DFHDSDM	Exc	GETMAIN request failed	1 Detecting module 2 Amount of storage requested
DS 0097	DFHDSDM	Exc	Create task failure	1 Detecting module 2 Dispatcher task area 3 KEDS parameter list
DS 0098	DFHDSDM	Exc	Task reply failure	1 Detecting module 2 Dispatcher task area 3 DSAT parameter list
DS 0099	DFHDSDM	Exc	POST exit enable failure	1 Detecting module 2 Return code
DS 0100	DFHDSDM	Exc	POST exit disable failure	1 Detecting module 2 Return code
DS 0101	DFHDSIT	Exc	Lock failure	1 Detecting module 2 LMLM parameter list
DS 0102	DFHDSIT	Exc	Unlock failure	1 Detecting module 2 LMLM parameter list
DS 0103	DFHDSIT	Exc	CCCC get failure	1 Detecting module 2 CCCC parameter list
DS 0104	DFHDSIT	Exc	CCCC write failure	1 Detecting module 2 CCCC parameter list
DS 0105	DFHDSIT	Exc	Invalid function	1 Detecting module 2 DSIT parameter list
DS 0106	DFHDSIT	Exc	Recovery	1 Detecting module 2 DSIT parameter list 3 Kernel error data
DS 0107	DFHDSIT	Exc	Invalid format	1 Detecting module 2 Input format number
DS 0108	DFHDSIT	Exc	Wait interval error	1 Detecting module 2 Maximum wait interval 3 Scan delay interval
DS 0109	DFHDSIT	Exc	GETMAIN request failed	1 Detecting module 2 Amount of storage requested
DS 0110	DFHDSIT	Exc	Internal function error	1 Internal data 2 Internal data
DS 0111	DFHDSIT	Exc	GETMAIN request failed	1 Detecting module 2 Amount of storage requested
DS 0112	DFHDSIT	Exc	Change mode failure	1 Detecting module 2 DFHDSIT_ARG 3 DFHDSAT_ARG
DS 0113	DFHDSSM	DS 1	Exit	1 SMNT Parameter list
DS 0114	DFHDSSM	Exc	Recovery	1 Detecting module 2 SMNT parameter list 3 Kernel error data
DS 0115	DFHDSSM	Exc	Invalid format	1 Detecting module 2 SMNT parameter list
DS 0116	DFHDSSM	Exc	Invalid function	1 Detecting module 2 SMNT parameter list
DS 0117	DFHDSBR	Exc	Invalid function	1 Detecting module 2 DSAT parameter list
DS 0118	DFHDSBR	Exc	Recovery	1 Detecting module 2 DSBR parameter list 3 Kernel error data
DS 0119	DFHDSDM	Exc	FREEMAIN request failed	1 Detecting module 2 SMGF parameter list
DS 0120	DFHDSDM	Exc	GETMAIN request failed	1 Detecting module 2 SMGF parameter list
DS 0121	DFHDSUE	DS 1	Entry	1 APUE parameter list
DS 0122	DFHDSUE	DS 1	Exit	1 APUE parameter list
DS 0123	DFHDSUE	Exc	Invalid format	1 APUE parameter list
DS 0124	DFHDSUE	Exc	Invalid function	1 APUE parameter list
DS 0125	DFHDSUE	Exc	Recovery	1 Detecting module 2 APUE parameter list 3 Kernel error data
DS 0126	DFHDSST	Exc	Invalid format	1 Detecting module 2 STST parameter list
DS 0127	DFHDSST	Exc	Invalid function	1 Detecting module 2 STST parameter list
DS 0128	DFHDSST	Exc	Recovery	1 Detecting module 2 STST parameter list 3 Kernel error data
DS 0129	DFHDSST	Exc	Buffer too short	1 STST parameter list
DS 0132	DFHSDS2	DS 1	Entry	1 XMNT parameter list

Table 86 (Page 5 of 5). Dispatcher domain trace points

Point ID	Module	Lvl	Type	Data
DS 0133	DFHSDSDS2	DS 1	Exit	1 XMNT parameter list
DS 0134	DFHSDSDS2	Exc	Invalid format	1 XMNT parameter list
DS 0136	DFHSDSDS2	Exc	Recovery	1 Detecting module 2 DSDS parameter list 3 Kernel error data
DS 0137	DFHDSIT	Exc	Create TCB failure	1 Detecting module 2 DFHDSIT_ARG 3 DFHKEDS_ARG
DS 0140	DFHSDSDM	Exc	Wait phase error	1 Detecting module 2 DMDM parameter list
DS 0144	DFHSDSDM	Exc	Lock failure	1 Detecting module 2 LMLM parameter list
DS 0145	DFHDSM	DS 1	Entry	1 SMNT parameter list
DS 0147	DFHSDSDS3	Exc	Invalid ECB address	1 Detecting module 2 ECB parameters 3 Dispatcher task area
DS 0148	DFHSDSDS3	Exc	STIMERM set error	1 R15
DS 0149	DFHSDSDS3	Exc	STIMERM cancel error	1 R15
DS 0150	DFHSDSDS4	Exc	Invalid ECB address	1 Detecting module 2 ECB parameters 3 Dispatcher task area
DS 0151	DFHSDSDM	Exc	GETMAIN req failed	1 Detecting module 2 Amount of storage requested
DS 0152	DFHSDSR	Exc	Already waiting error	1 Detecting module 2 DSSR parameter list
DS 0153	DFHSDSDS2	Exc	No extension storage error	1 Detecting module 2 Amount of storage requested
DS 0154	DFHDSTCB	Exc	DSAS call failed	1 Detecting module 2 DSAS return code
DS 0155	DFHDSTCB	Exc	KETI call failed	1 TCB_START_TIME 2 KETI response
DS 0156	DFHDSAT	Exc	User task overflow	1 Detecting module

Dump domain trace points

Table 87 (Page 1 of 3). Dump domain trace points

Point ID	Module	Lvl	Type	Data
DU 0001	DFHDUDM	DU 1	Entry	1 DMDM parameter list
DU 0002	DFHDUDM	DU 1	Exit	1 DMDM parameter list
DU 0003	DFHDUDM	Exc	Invalid call	1 DMDM parameter list 2 DU anchor block
DU 0004	DFHDUDM	Exc	Recovery	1 DMDM parameter list 2 Kernel error data
DU 0007	DFHDUDM	Exc	DUIO load failed	1 DMDM parameter list 2 DU anchor block
DU 0008	DFHDUDM	DU 1	GETMAIN DUA	1 Length required
DU 0009	DFHDUDM	DU 1	GETMAIN DUA return	1 Return code 2 Address of area
DU 000A	DFHDUDM	DU 1	GETMAIN SDT	1 Length required
DU 000B	DFHDUDM	DU 1	GETMAIN SDT return	1 Return code 2 Address of area
DU 000C	DFHDUDM	DU 1	GETMAIN TDT	1 Length required
DU 000D	DFHDUDM	DU 1	GETMAIN TDT return	1 Return code 2 Address of area
DU 000E	DFHDUDM	DU 1	GETMAIN stats buffer	1 Storage length
DU 000F	DFHDUDM	DU 1	GETMAIN stats buffer return	1 Return code 2 Storage address
DU 0101	DFHDUDU	DU 1	Entry	1 DUDU parameter list
DU 0102	DFHDUDU	DU 1	Exit	1 DUDU parameter list
DU 0103	DFHDUDU	Exc	Invalid call	1 DUDU parameter list
DU 0104	DFHDUDU	Exc	Recovery	1 DUDU parameter list 2 Kernel error data
DU 0105	DFHDUDU	Exc	Transaction dump table not initialized	1 DUDU parameter list
DU 0200	DFHDUIO	DU 2	Entry	1 DUIO parameter list
DU 0201	DFHDUIO	DU 2	Exit	1 DUIO parameter list
DU 0202	DFHDUIO	Exc	Recovery Entry	1 DUIO Parameter list 2 Kernal Error Data
DU 0203	DFHDUIO	DU 2	OPEN	1 Dump data set DCB
DU 0204	DFHDUIO	DU 2	OPEN return	1 Dump data set DCB

DU domain trace points

Table 87 (Page 2 of 3). Dump domain trace points				
Point ID	Module	Lvl	Type	Data
DU 0205	DFHUIO	DU 2	DEVTYPE	
DU 0206	DFHUIO	DU 2	DEVTYPE return	1 DEVTYPE information
DU 0207	DFHUIO	DU 2	GETMAIN	1 Length required
DU 0208	DFHUIO	DU 2	GETMAIN return	1 Address of area 2 Length of area 3 GETMAIN return code
DU 0209	DFHUIO	DU 2	FREEMAIN	1 Open block
DU 020A	DFHUIO	DU 2	FREEMAIN return	
DU 020B	DFHUIO	DU 2	CLOSE	1 Dump data set DCB
DU 020C	DFHUIO	DU 2	CLOSE return	1 Dump data set DCB
DU 020F	DFHUIO	DU 2	WRITE	1 Dump data set DCB
DU 0210	DFHUIO	DU 2	WRITE return	1 Dump data set DCB
DU 0211	DFHUIO	DU 2	CHECK	1 Dump data set DCB
DU 0212	DFHUIO	DU 2	CHECK return	1 Dump data set DCB
DU 0214	DFHUIO	Exc	CLOSE error	1 UIO parameter list 2 DU anchor block 3 Open block
DU 0215	DFHDUSU	DU 2	Entry	1 DUSU parameter list
DU 0216	DFHDUSU	DU 2	Exit	1 DUSU parameter list
DU 0217	DFHDUSU	Exc	Recovery	1 DUSU parameter list 2 Kernel error data 3 DU anchor block
DU 0218	DFHDUXD	DU 2	Entry	1 DUDD parameter list
DU 0219	DFHDUXD	DU 2	Exit	1 DUDD parameter list
DU 021A	DFHDUXD	Exc	Recovery	1 DUDD parameter list 2 DUDD parameter list 3 Kernel error data 4 DU anchor block
DU 021B	DFHDUXW	DU 2	Entry	1 DUXW parameter list
DU 021C	DFHDUXW	DU 2	Exit	1 DUXW parameter list
DU 021D	DFHDUXW	Exc	Recovery	1 DUXW parameter list 2 Kernel error data 3 DU anchor block
DU 0221	DFHXRDF	DU 2	Entry	1 DUXF parameter list
DU 0222	DFHXRDF	DU 2	Exit	1 DUXF parameter list
DU 0223	DFHXRDF	Exc	Recovery	1 DUXF parameter list 2 DUDD parameter list 3 DUDU parameter list 4 Kernel error data 5 DU anchor block
DU 0224	DFHTCXDF	DU 2	Entry	1 DUXF parameter list
DU 0225	DFHTCXDF	DU 2	Exit	1 DUXF parameter list
DU 0226	DFHTCXDF	Exc	Recovery	1 DUXF parameter list 2 DUDD parameter list 3 DUDU parameter list 4 Kernel error data 5 DU anchor block
DU 0227	DFHPCXDF	DU 2	Entry	1 DUXF parameter list
DU 0228	DFHPCXDF	DU 2	Exit	1 DUXF parameter list
DU 0229	DFHPCXDF	Exc	Recovery	1 DUXF parameter list 2 DUDD parameter list 3 DUDU parameter list 4 Kernel error data 5 DU anchor block
DU 022A	DFHSAXDF	DU 2	Entry	1 DUXF parameter list
DU 022B	DFHSAXDF	DU 2	Exit	1 DUXF parameter list
DU 022C	DFHSAXDF	Exc	Recovery	1 DUXF parameter list 2 DUDD parameter list 3 DUDU parameter list 4 Kernel error data 5 DU anchor block
DU 022D	DFHFCXDF	DU 2	Entry	1 DUXF parameter list
DU 022E	DFHFCXDF	DU 2	Exit	1 DUXF parameter list
DU 022F	DFHFCXDF	Exc	Recovery	1 DUXF parameter list 2 DUDD parameter list 3 DUDU parameter list 4 Kernel error data 5 DU anchor block
DU 0230	DFHTRXDF	DU 2	Entry	1 DUXF parameter list
DU 0231	DFHTRXDF	DU 2	Exit	1 DUXF parameter list

Table 87 (Page 3 of 3). Dump domain trace points

Point ID	Module	Lvl	Type	Data
DU 0232	DFHTRXDF	Exc	Recovery	1 DUXF parameter list 2 DUDD parameter list 3 DUDU parameter list 4 Kernel error data 5 DU anchor block
DU 0233	DFHXDXDF	DU 2	Entry	1 DUXF parameter list
DU 0234	DFHXDXDF	DU 2	Exit	1 DUXF parameter list
DU 0235	DFHXDXDF	Exc	Recovery	1 DUXF parameter list 2 DUDD parameter list 3 DUDU parameter list 4 Kernel error data 5 DU anchor block
DU 0239	DFHDUIO	DU 2	NOTE	1 Dump data set DCB
DU 0240	DFHDUIO	DU 2	NOTE return	1 Dump data set DCB
DU 0241	DFHDUIO	DU 2	POINT	1 Dump data set DCB
DU 0242	DFHDUIO	DU 2	POINT return	1 Dump data set DCB
DU 0250	DFHDUSU	DU 2	DYNALLOC	1 DYNALLOC parameter list
DU 0251	DFHDUSU	DU 2	DYNALLOC return	1 DYNALLOC parameter list
DU 0252	DFHDUSU	DU 2	FREEMAIN DYNALLOC plist	1 DYNALLOC parameter list
DU 0253	DFHDUSU	DU 2	FREEMAIN return	
DU 0301	DFHDUSR	DU 1	Entry	1 DUSR or APUE parameter list
DU 0302	DFHDUSR	DU 1	Exit	1 DUSR or APUE parameter list
DU 0304	DFHDUSR	Exc	Recovery	1 DUSR or APUE parameter list 2 Kernel error data
DU 0305	DFHDUSR	Exc	Failed to add IEASDUMP.QUERY exit DFHDUMPX	1 DUSR parameter list 2 DAFPB 3 CSVVDYNEX ADD response
DU 0500	DFHDUDT	DU 1	Entry	1 STST or DUDT parameter list
DU 0501	DFHDUDT	DU 1	Exit	1 STST or DUDT parameter list
DU 0502	DFHDUDT	Exc	Recovery	1 STST or DUDT parameter list 2 Kernel error data
DU 0503	DFHDUDT	Exc	Invalid format	1 STST or DUDT parameter list
DU 0504	DFHDUDT	Exc	Invalid function	1 STST or DUDT parameter list
DU 0505	DFHDUDT	Exc	Invalid function	1 STST or DUDT parameter list
DU 0600	DFHDUTM	DU1	Entry	1 STST or DUDT Parameter list
DU 0601	DFHDUTM	DU1	Exit	2 Transaction or System Dump code 1 STST or DUDT parameter list
DU 0602	DFHDUTM	Exc	Recovery	2 Transaction or System dump code 1 STST or DUDT parameter list 2 Kernel error data
DU 0603	DFHDUTM	Exc	Invalid format	1 STST or DUDT parameter list
DU 0604	DFHDUTM	Exc	Invalid function	1 STST or DUDT parameter list
DU 0605	DFHDUTM	Exc	Invalid function	1 STST or DUDT parameter list
DU 0606	DFHDUTM	Exc	Browse token not found	1 STST or DUDT parameter list
DU 0607	DFHDUTM	Exc	Browse token not found	1 STST or DUDT parameter list
DU 0608	DFHDUTM	Exc	Invalid stats requirements	1 STST or DUDT parameter list
DU 0609	DFHDUTM	DU 1	Before VSE GETMAIN	1 Storage length
DU 060A	DFHDUTM	DU 1	After VSE GETMAIN	1 GETMAIN return code
DU 060B	DFHDUTM	DU 1	Before VSE GETMAIN	1 Storage length
DU 060C	DFHDUTM	DU 1	After VSE GETMAIN	1 GETMAIN return code
DU 060D	DFHDUTM	DU 1	Before VSE GETMAIN	1 Storage length
DU 060E	DFHDUTM	DU 1	After VSE GETMAIN	1 GETMAIN return code
DU 060F	DFHDUTM	Exc	Nonzero return code from VSE GETMAIN	1 DUDT parameter list 2 Storage length
DU 0610	DFHDUTM	Exc	Nonzero return code from VSE GETMAIN	1 DUDT parameter list 2 Storage length
DU 0611	DFHDUTM	Exc	Nonzero return code from VSE GETMAIN	1 DUDT parameter list 2 Storage length
DU 1F01	DFHDUFT	DU1	DFHDUFT	1 DUFT Parameter list
DU 1F02	DFHDUFT	DU1	Exit	1 DUFT Parameter list
DU 1F03	DFHDUFT	Exc	Recovery	1 DUFT Parameter list 2 Kernal Error Data
DU 1F10	DFHDUFT	DU1	GETMAIN Storage	1 Length required
DU 1F11	DFHDUFT	DU1	Getmain Storage return	1 Obtained storage
DU 1FE1	DFHDUFT	Exc	Insufficient storage available	1 DUFT parameters 2 Storage obtained

External CICS interface trace points

EX trace points

Table 88 (Page 1 of 7). External CICS interface trace points				
Point ID	Module	Lvl	Type	Data
EX 0001	DFHXCPRH	Exc	PIPE_ALREADY_OPEN	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 Pipe token
EX 0002	DFHXCPRH	Exc	PIPE_ALREADY_CLOSED	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 Pipe token
EX 0003	DFHXCPRH	Exc	VERIFY_BLOCK_FM_ERROR	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 Pipe token
EX 0005	DFHXCPRH	Exc	XCIPIP_FM_ERR	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 Pipe token
EX 0006	DFHXCPRH	Exc	IRP I/O Area FREEMAIN error	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 Pipe token
EX 0007	DFHXCPRH	Exc	Server Terminated	1 Caller's parameter list 2 Call type 3 Callers user name 4 Connection name 5 Target CICS applid
EX 0008	DFHXCPRH	Exc	XFRASSTG1 FREEMAIN ERROR	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 Pipe token
EX 0201	DFHXCPRH	Exc	NO_CICS_IRC_STARTED	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer
EX 0202	DFHXCPRH	Exc	NO_PIPE	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 Pipe token 6 Target CICS applid
EX 0203	DFHXCPRH	Exc	NO_CICS_ON_OPEN	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 Pipe token 6 Target CICS applid
EX 0204	DFHXCPRH	Exc	NO_CICS_ON_DPL_1	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 Pipe token 6 Target CICS applid
EX 0205	DFHXCPRH	Exc	NO_CICS_ON_DPL_2	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 Pipe token 6 Target CICS applid
EX 0206	DFHXCPRH	Exc	NO_CICS_ON_DPL_3	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 Pipe token 6 Target CICS applid
EX 0403	DFHXCPRH	Exc	INVALID_APPL_NAME	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer

Table 88 (Page 2 of 7). External CICS interface trace points

Point ID	Module	Lvl	Type	Data
EX 0405	DFHXCPRH	Exc	PIPE_NOT_CLOSED	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 Pipe token
EX 0406	DFHXCPRH	Exc	PIPE_NOT_OPEN	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Pipe token
EX 0407	DFHXCPRH	Exc	INVALID_USERID	1 Caller's parameter list 2 Call type 3 Caller's user name
EX 0408	DFHXCPRH	Exc	INVALID_UOWID	1 Caller's parameter list 2 Call type 3 Caller's user name 4 UOWID
EX 0409	DFHXCPRH	Exc	INVALID_TRANSID	1 Caller's parameter list 2 Call type 3 Caller's user name
EX 0414	DFHXCPRH	Exc	ABORT_RECEIVED	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Target CICS applid
EX 0415	DFHXCPRH	Exc	INVALID_CONNECTION	5 Message to be returned 1 Caller's parameter list 2 Call type 3 Caller's user name 4 Connection name 5 Target CICS applid
EX 0416	DFHXCPRH	Exc	INVALID_CICS_RELEASE	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Target CICS applid
EX 0417	DFHXCPRH	Exc	PIPE_MUST_CLOSE	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Pipe token
EX 0418	DFHXCPRH	Exc	INVALID_PIPE_TOKEN	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Pipe token
EX 0422	DFHXCPRH	Exc	Server abended	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 DPL return area
EX 0423	DFHXCPRH	Exc	Surrogate check failed	1 Caller's parameter list 2 Call Type 3 Caller's user name 4 EXCI job userid
EX 0603	DFHXCPRH	Exc	XCUSER_GM_ERROR	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer
EX 0604	DFHXCPRH	Exc	XPIPE_GM_ERROR	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer
EX 0605	DFHXCPRH	Exc	VERIFY_BLOCK_GM_ERROR	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer
EX 0606	DFHXCPRH	Exc	SSI_VERIFY_FAILED	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer
EX 0607	DFHXCPRH	Exc	SVC_CALL_FAILED	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer

EX trace points

<i>Table 88 (Page 3 of 7). External CICS interface trace points</i>				
Point ID	Module	Lvl	Type	Data
EX 0608	DFHXCPRH	Exc	IRP_LOGON_FAILURE	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 Target CICS applid 6 Logon name
EX 0609	DFHXCPRH	Exc	IRP_CONNECT_FAIL	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 Pipe token 6 Target CICS applid
EX 0610	DFHXCPRH	Exc	IRP_DISC_FAIL	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 Target CICS applid 6 Pipe token
EX 0611	DFHXCPRH	Exc	IRP_LOGOFF_FAILED	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 Target CICS applid 6 Pipe token
EX 0612	DFHXCPRH	Exc	TRANSFORM_1_ERROR	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer
EX 0613	DFHXCPRH	Exc	TRANSFORM_4_ERROR	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer
EX 0614	DFHXCPRH	Exc	IRP_NULL_DATA	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 Target CICS applid
EX 0615	DFHXCPRH	Exc	IRP_NEG_RESPONSE	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 Target CICS applid
EX 0616	DFHXCPRH	Exc	IRP_SWITCH_PULL_ERR	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 Target CICS applid 6 Pipe token
EX 0617	DFHXCPRH	Exc	IRP_IOAREA_GM_ERR	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer
EX 0619	DFHXCPRH	Exc	IRP_BAD_IOAREA	1 Caller's parameter list 2 Call type 3 Caller's user name 4 IOAREA address
EX 0620	DFHXCPRH	Exc	IRP_PROTOCOL_ERR	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Target CICS applid 5 Pipe token
EX 0621	DFHXCPRH	Exc	Pipe Recovery Failure	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 Target CICS applid 6 Pipe token
EX 0622	DFHXCPRH	Exc	ESTAE_SETUP_FAIL	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer

Table 88 (Page 4 of 7). External CICS interface trace points

Point ID	Module	Lvl	Type	Data
EX 0623	DFHXCPRH	Exc	ESTAE_INVOKED	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 VSE abend code
EX 0624	DFHXCPRH	Exc	TIMEDOUT	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Server program name 5 Target CICS applid
EX 0625	DFHXCPRH	Exc	STIMERM_SETUP_FAIL	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer
EX 0626	DFHXCPRH	Exc	STIMERM_CANCEL_FAIL	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer
EX 0627	DFHXCPRH	Exc	INCORRECT_SVC_LEVEL	1 Caller's parameter list 2 Call type 3 Caller's user name 4 SVC instruction
EX 0628	DFHXCPRH	Exc	INCORRECT IRP Level	1 Caller's parameter list 2 Call type 3 Callers user name 4 Return codes and message ptr
EX0629	DFHXCPRH	Exc	Server protocol error	1 Caller's parameter list 2 Call type 3 Callers user name 4 Connection name 5 Target CICS applid
EX 0630	DFHXCPRH	Exc	SUBSID NOTIFY failed	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer
EX 0800	DFHXCPRH	Exc	RESP shows LENGERR	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 COMMAREA length 6 Data length
EX 0801	DFHXCPRH	Exc	RESP shows INVREQ	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 DPL options specified
EX 0802	DFHXCPRH	Exc	RESP shows PGMIDERR	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Program name 5 Target CICS applid
EX 0803	DFHXCPRH	Exc	RESP shows ROLLEDBACK	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Program name 5 Target CICS applid
EX 0804	DFHXCPRH	Exc	RESP shows NOTAUTH	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Program name 5 Target CICS applid
EX 0805	DFHXCPRH	Exc	RESP shows SYSIDERR	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Program name 5 Target CICS applid 6 DPL_Retarea
EX 0806	DFHXCPRH	Exc	RESP shows TERMERR	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Program name 5 Target CICS applid

EX trace points

<i>Table 88 (Page 5 of 7). External CICS interface trace points</i>				
Point ID	Module	Lvl	Type	Data
EX 0904	DFHXCTRP	Exc	Overlength trace data field	1 XCTRP parameter list
EX 0905	DFHXCTRA	Exc	DFHXCTRA trace entry	1 User-specified data
EX 1000	DFHXCPRH	EX 1	Entry	For INIT_USER commands: 1 Caller's parameter list 2 Call type 3 Caller's user name 4 Caller's register 14 For ALLOCATE_PIPE requests: 1 Caller's parameter list 2 Call type 3 Caller's user name 4 CICS name 5 ALLOCATE options 6 Caller's register 14 For OPEN, CLOSE, and DEALLOCATE requests: 1 Caller's parameter list 2 Call type 3 Caller's user name 4 CICS name 5 Pipe token 6 Caller's register 14 For DPL requests: 1 Caller's parameter list 2 Call type 3 Caller's user name 4 CICS name 5 Pipe token 6 Program name 7 Caller's register 14
EX 1001	DFHXCPRH	EX 1	Exit	For INIT_USER, OPEN, CLOSE, and DEALLOCATE requests: 1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 Caller's register 14 For ALLOCATE requests: 1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 Pipe token 6 Caller's register 14 For DPL requests: 1 Caller's parameter list 2 Call type 3 Caller's user name 4 Return codes and message pointer 5 DPL return area 6 Caller's register 14
EX 1010	DFHXCEIP	EX 1	Entry	1 Program name 2 Target CICS applid 3 Transaction id 4 Caller's register 14 5 Up to first 100 bytes of commarea (if passed) 6 Commarea length, if commarea passed 7 Datalength, if commarea passed
EX 1011	DFHXCEIP	EX 1	Exit	1 EXEC retarea 2 Program name 3 Target CICS applid 4 Transaction id 5 Caller's register 14 6 Up to first 100 bytes of commarea (if passed) 7 Commarea length, if commarea passed
EX 2000	DFHXCPRH	EX 2	IRP_LOGON	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Target CICS applid 5 IRP userid 6 SLCB address 7 Connection name

Table 88 (Page 6 of 7). External CICS interface trace points

Point ID	Module	Lvl	Type	Data
EX 2001	DFHXCPRH	EX 2	IRP_CONN	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Target CICS applid 5 IRP userid 6 IRP threadid 7 SCCB address
EX 2002	DFHXCPRH	EX 2	IRP_DISC	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Target CICS applid 5 Pipe token
EX 2003	DFHXCPRH	EX 2	IRP Logoff	1 Caller's parameter list 2 Call Type 3 Caller's user name 4 Target CICS applid 5 Pipe Token 6 IRP userid
EX 2004	DFHXCPRH	EX 2	IRP_SWITCH	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Target CICS applid 5 IRP userid 6 IRP threadid
EX 2005	DFHXCPRH	EX 2	IRP_SWITCH_DATA	1 User' appl name 2 Pipe token 3 Request header 4 Bind data 5 UOWID/USERID FMH 6 Transformed DPL request to CICS (up to 1000 bytes) 7 Final 1000 bytes of transformed DPL request
EX 2006	DFHXCPRH	EX 2	IRP_DATA	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Target CICS applid 5 Length of data returned 6 Data (first 1000 bytes) 7 Data (final 1000 bytes)
EX 2007	DFHXCPRH	EX 2	PRE_URM	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Parameters passed to DFHXCURM 5 URMINV, reason for calling URM 6 URM CICS, target CICS applid 7 URM ANCH, URM anchor point address
EX 2008	DFHXCPRH	EX 2	POST_URM	1 Caller's parameter list 2 Call type 3 Caller's user name 4 Parameters passed to DFHXCURM 5 URMINV, reason for calling URM 6 URM CICS, target CICS applid 7 URM ANCH, URM anchor point address
EX 3000	DFHXCEIP	Exc	ESTAEX Setup failure	If EXEC return code not zero: 1 Return codes and message pointer 2 VSE return code else: 1 VSE return code
EX 3001	DFHXCEIP	Exc	ESTAEX_INVOKED	1 Return area (20 bytes)
EX 3002	DFHXCEIP	Exc	INV_CTYPE_ON_INIT	1 Return area (20 bytes) 2 Call type
EX 3003	DFHXCEIP	Exc	INV_VNUM_ON_INIT	1 Return area (20 bytes) 2 Version number
EX 3004	DFHXCEIP	Exc	INV_APPL_NAME_ON_INIT	1 Return area (20 bytes) 2 User name
EX 3005	DFHXCEIP	Exc	INV_CTYPE_ON_ALLOC	1 Return area (20 bytes) 2 Call type
EX 3006	DFHXCEIP	Exc	INV_VNUM_ON_ALLOC	1 Return area (20 bytes) 2 Version number
EX 3007	DFHXCEIP	Exc	INV_UTOKEN_ON_ALLOC	1 Return area (20 bytes) 2 User token

KE domain trace points

<i>Table 88 (Page 7 of 7). External CICS interface trace points</i>				
Point ID	Module	Lvl	Type	Data
EX 3008	DFHXCEIP	Exc	INV_CTYPE_ON_OPEN	1 Return area (20 bytes) 2 Call type
EX 3009	DFHXCEIP	Exc	INV_VNUM_ON_OPEN	1 Return area (20 bytes) 2 Version number
EX 3010	DFHXCEIP	Exc	INV_UTOKEN_ON_OPEN	1 Return area (20 bytes) 2 User token
EX 3011	DFHXCEIP	Exc	INV_PTOKEN_ON_OPEN	1 Return area (20 bytes) 2 Pipe token
EX 3012	DFHXCEIP	Exc	INV_CTYPE_ON_DPL	1 Return area (20 bytes) 2 Call type
EX 3013	DFHXCEIP	Exc	INV_VNUM_ON_DPL	1 Return area (20 bytes) 2 Version number
EX 3014	DFHXCEIP	Exc	INV_UTOKEN_ON_DPL	1 Return area (20 bytes) 2 User token
EX 3015	DFHXCEIP	Exc	Invalid userid on DPL	1 Return area (20 bytes)
EX 3017	DFHXCEIP	Exc	INV_USERID_ON_DPL	1 Return area (20 bytes) 2 Userid
EX 3018	DFHXCEIP	Exc	PIPE_NOT_OPEN_ON_DPL	1 Return area (20 bytes) 2 Pipe token
EX 3019	DFHXCEIP	Exc	PIPE_MUST_CLOSE_ON_DPL	1 Return area (20 bytes) 2 Pipe token
EX 3020	DFHXCEIP	Exc	INV_CTYPE_ON_CLOSE	1 Return area (20 bytes) 2 Call type
EX 3021	DFHXCEIP	Exc	INV_VNUM_ON_CLOSE	1 Return area (20 bytes) 2 Version number
EX 3022	DFHXCEIP	Exc	INV_UTOKEN_ON_CLOSE	1 Return area (20 bytes) 2 User token
EX 3023	DFHXCEIP	Exc	INV_PTOKEN_ON_CLOSE	1 Return area (20 bytes) 2 Pipe token
EX 3024	DFHXCEIP	Exc	INV_CTYPE_ON_DEALL	1 Return area (20 bytes) 2 Call type
EX 3025	DFHXCEIP	Exc	INV_VNUM_ON_DEALL	1 Return area (20 bytes) 2 Version number
EX 3026	DFHXCEIP	Exc	INV_UTOKEN_ON_DEALL	1 Return area (20 bytes) 2 User token
EX 3027	DFHXCEIP	Exc	INV_PTOKEN_ON_DEALL	1 Return area (20 bytes) 2 Pipe token
EX 3028	DFHXCEIP	Exc	PIPE_NOT_CLOSED_ON_DEALL	1 Return area (20 bytes) 2 Pipe token
EX 3029	DFHXCEIP	Exc	XCEIP_RETRYING	1 Return area (20 bytes)
EX 3030	DFHXCEIP	Exc	Surrogate Check failed on DPL	1 Return area (20 bytes)

Kernel domain trace points

<i>Table 89 (Page 1 of 2). Kernel domain trace points</i>				
Point ID	Module	Lvl	Type	Data
KE 0101	DFHKETI	KE 1	Entry	1 KETI parameter list
KE 0102	DFHKETI	KE 1	Exit	1 KETI parameter list
KE 0103	DFHKETI	Exc	Recovery	1 KETI parameter list 2 Kernel error data
KE 0104	DFHKETI	Exc	Store clock error	1 KETI parameter list 2 Store clock value
KE 0201	DFHKEDD	KE 11	Entry	1 KEDD parameter list
KE 0202	DFHKEDD	KE 11	Exit	1 KEDD parameter list
KE 0203	DFHKEDD	Exc	Recovery	1 KEDD parameter list 2 Kernel error data
KE 0204	DFHKEDD	Exc	Invalid format	1 KEDD parameter list
KE 0205	DFHKEDD	Exc	Invalid function	1 KEDD parameter list
KE 0206	DFHKEDD	Exc	Invalid domain token	1 KEDD parameter list
KE 0207	DFHKEDD	Exc	Invalid entry point	1 KEDD parameter list
KE 0208	DFHKEDD	Exc	Invalid domain token	1 KEDD parameter list
KE 0209	DFHKEDD	Exc	Invalid entry point	1 KEDD parameter list
KE 020A	DFHKEDD	Exc	Invalid gate index	1 KEDD parameter list
KE 020C	DFHKEDD	Exc	Invalid domain token	1 KEDD parameter list
KE 020D	DFHKEDD	Exc	Invalid gate index	1 KEDD parameter list
KE 020E	DFHKEDD	Exc	Invalid domain token	1 KEDD parameter list
KE 020F	DFHKEDD	Exc	Invalid domain token	1 KEDD parameter list

Table 89 (Page 2 of 2). Kernel domain trace points

Point ID	Module	Lvl	Type	Data
KE 0210	DFHKEDD	Exc	Invalid domain token	1 KEDD parameter list
KE 0211	DFHKEDD	Exc	Invalid domain token	1 KEDD parameter list
KE 0212	DFHKEDD	Exc	Invalid domain token	1 KEDD parameter list
KE 0213	DFHKEDD	Exc	Invalid domain token	1 KEDD parameter list
KE 0214	DFHKEDD	Exc	Invalid entry point	1 KEDD parameter list
KE 0301	DFHKEIN	KE 1	Entry	1 KEIN parameter list
KE 0302	DFHKEIN	KE 1	Exit	1 KEIN parameter list
KE 0303	DFHKEIN	Exc	Recovery	1 KEIN parameter list 2 Kernel error data
KE 0304	DFHKEIN	Exc	Invalid format	1 KEIN parameter list
KE 0305	DFHKEIN	Exc	Invalid function	1 KEIN parameter list
KE 0306	DFHKEIN	Exc	Insufficient storage for KE Anchor blocks	1 KEIN parameter list 2 Getmain return code
KE 0307	DFHKEIN	Exc	Insufficient storage for Error Table	1 KEIN parameter list 2 Getmain return code
KE 0308	DFHKEIN	Exc	Insufficient Storage for KE Critical module vectors	1 KEIN parameter list 2 Getmain return code
KE 0309	DFHKEIN	Exc	Insufficient storage for Window vectors	1 KEIN parameter list 2 Getmain return code
KE 030B	DFHKEIN	Exc	Insufficient storage for KE Task Table	1 KEIN parameter list 2 Getmain return code
KE 030C	DFHKEIN	Exc	Insufficient storage for KE KTCB Table	1 KEIN parameter list 2 Getmain return code
KE 030E	DFHKEIN	Exc ²	Internal error	1 KEIN parameter list
KE 030F	DFHKEIN	Exc ²	Internal error	1 KEIN parameter list
KE 0310	DFHKEIN	Exc ²	Internal error	1 KEIN parameter list
KE 0401	DFHKEGD	KE 1	Entry	1 KEGD or DSNT or DMDM parameter list
KE 0402	DFHKEGD	KE 1	Exit	1 KEGD or DSNT or DMDM parameter list
KE 0403	DFHKEGD	Exc	Recovery	1 KEGD or DSNT or DMDM parameter list 2 Kernel error data
KE 0404	DFHKEGD	Exc	Invalid format	1 KEGD or DSNT or DMDM parameter list
KE 0405	DFHKEGD	Exc	Invalid function	1 KEGD or DSNT or DMDM parameter list
KE 0501	DFHKEDS	Exc	Recovery	1 KEIN parameter list 2 Kernel error data
KE 0502	DFHKEDS	KE 1	Entry	1 KEDS parameter list
KE 0503	DFHKEDS	KE 1	Exit	1 KEDS parameter list
KE 0601	DFHKEXM	KE 1	Entry	1 DFHKEXM parameter list
KE 0602	DFHKEXM	KE 1	Exit	1 DFHKEXM parameter list
KE 0603	DFHKEXM	Exc	Recovery	1 DFHKEXM parameter list 2 Kernel error data
KE 0604	DFHKEXM	Exc	Invalid format	1 Invalid parameter list
KE 0605	DFHKEXM	Exc	Invalid function	1 DFHKEXM parameter list
KE 0701	DFHKEAR	KE 1	Entry	1 DFHKEAR parameter list
KE 0702	DFHKEAR	KE 1	Exit	1 DFHKEAR parameter list
KE 0703	DFHKEAR	Exc	Recovery	1 DFHKEAR parameter list 2 Kernel error data
KE 0704	DFHKEAR	Exc	Deregister failed	1 DFHKEAR parameter list 2 ARM response 3 ARM reason
KE 0705	DFHKEAR	Exc	Waitpred failed	1 DFHKEAR parameter list 2 ARM response 3 ARM reason
KE 0706	DFHKEAR	Exc	Ready failed	1 DFHKEAR parameter list 2 ARM response 3 ARM reason
KE 0707	DFHKEAR	Exc	Waitpred timed out	1 DFHKEAR parameter list 2 ARM response 3 ARM reason
KE 0708	DFHKEAR	KE 1	Pre SVC call	1 DFHKEAR parameter list 2 KAFPB
KE 0709	DFHKEAR	KE 1	Post SVC call	1 DFHKEAR parameter list 2 KAFPB
KE 070A	DFHKEAR	Exc	SVC call error	1 DFHKEAR parameter list 2 KAFPB
KE 070B	DFHKEAR	Exc	Invalid function	1 DFHKEAR parameter list
KE 070C	DFHKEAR	Exc	Invalid format	1 DFHKEAR parameter list
KE 0801	DFHKETA	Exc	Recovery	1 DFHKEDS parameter list 2 Kernel error data

¹ Functions SET_GLOBAL_TRACE, SET_DOMAIN_TRACE, and SET_TASK_TRACE are always traced from point IDs KE 0201 and KE 0202, even when KE level-1 tracing is not selected.

LD domain trace points

² Tracing from these point IDs is sent to the console, because trace domain is not yet initialized.

Loader domain trace points

Table 90 (Page 1 of 5). Loader domain trace points

Point ID	Module	Lvl	Type	Data
LD 0001	DFHLDLD	LD 1	Entry	1 LDLD parameter list
LD 0002	DFHLDLD	LD 1	Exit	1 LDLD parameter list
LD 0701	DFHLDLD	Exc	Recovery	1 LDLD parameter list 2 Kernel error data
LD 0801	DFHLDLD	Exc	Invalid format	1 LDLD parameter list
LD 0802	DFHLDLD	Exc	Invalid Function	1 parameter list 2 LDLD parameter list
LD 0803	DFHLDLD	Exc	Invalid parameters	1 LDLD parameter list
LD 0804	DFHLDLD	Exc	Invalid PDB	1 Program name 2 PDB
LD 0806	DFHLDLD	Exc	Invalid entry point	1 Parameter list 2 LDLD parameter list
LD 0807	DFHLDLD	Exc	Invalid PGM token	1 Parameter list
LD 0808				2 LDLD parameter list
LD 0809				
LD 0903	DFHLDLD	Exc	GETMAIN request failure	1 SMGF parameter list 2 LDLD parameter list
LD 0905	DFHLDLD	Exc	ADD SUSPEND failure	1 DSSR parameter list 2 LDLD parameter list
LD 0906	DFHLDLD	Exc	DELETE SUSPEND failure	1 DSSR parameter list 2 LDLD parameter list
LD 0907	DFHLDLD	Exc	SUSPEND failure	1 DSSR parameter list 2 LDLD parameter list
LD 0909	DFHLDLD	Exc	Inquire Start failure	1 PAGP parameter list 2 LDLD parameter list
LD 090A				2 LDLD parameter list
LD 090B	DFHLDLD	Exc	Unlock failure	1 LMLM parameter list
LD 090C				2 LDLD parameter list
LD 090D	DFHLDLD	Exc	INQUIRE_START failure	1 PAGP parameter list
LD 1003	DFHLDLD1	LD 1	Before SVC call	1 Authorized facility parameter list 2 BLDL parameter list
LD 1004	DFHLDLD1	LD 1	After SVC call	1 Authorized facility parameter list 2 BLDL parameter list
LD 1005	DFHLDLD1	LD 2	DSA compression	1 Program APE 2 DSA name
LD 1007	DFHLDLD1	LD 2	Before issuing CSVQUERY	1 Program name
LD 1008	DFHLDLD1	LD 2	After issuing CSVQUERY	1 Program name 2 Return code
LD 1701	DFHLDLD1	Exc	Recovery	1 LDSU parameter list 2 Kernel error data
LD 1801	DFHLDLD1	Exc	Invalid function	1 Parameter list 2 LDSU parameter list 3 LDLD parameter list
LD 1802	DFHLDLD1	Exc	Bad response from SVC	1 Authorized facility parameter list 2 BLDL parameter list
LD 1803	DFHLDLD1	Exc	Corrupted control block	1 Control block address 2 Control block identifier 3 Control block contents
LD 1804	DFHLDLD1	Exc	CSVQUERY failure	1 Program name 2 Return code
LD 1902	DFHLDLD1	Exc	State lock failure	1 LMLM parameter list 2 LDSU parameter list 3 LDLD parameter list
LD 1903	DFHLDLD1	Exc	APE GETMAIN failure	1 SMGF parameter list 2 LDSU parameter list 3 LDLD parameter list
LD 1905	DFHLDLD1	Exc	CSECTL GETMAIN failure	1 SMGF parameter list 2 LDSU parameter list 3 LDLD parameter list
LD 1907	DFHLDLD1	Exc	PGM GETMAIN failure	1 SMGF parameter list 2 LDSU parameter list 3 LDLD parameter list
LD 1910	DFHLDLD1	Exc	State lock failure	1 LMLM parameter list
LD 1911				2 LDSU parameter list
LD 1912				3 LDLD parameter list

Table 90 (Page 2 of 5). Loader domain trace points

Point ID	Module	Lvl	Type	Data
LD 1913				
LD 1914				
LD 1915	DFHLDLD1	Exc	State unlock failure	1 LMLM parameter list
LD 1916				2 LDSU parameter list
LD 1917				3 LDLD parameter list
LD 1918				
LD 1919	DFHLDLD1	Exc	Library lock failure	1 LMLM parameter list
LD 191A				2 LDSU parameter list
LD 191B				3 LDLD parameter list
LD 191C	DFHLDLD1	Exc	Library unlock failure	1 LMLM parameter list
LD 191D				2 LDSU parameter list
LD 191E				3 LDLD parameter list
LD 191F	DFHLDLD1	Exc	Library unlock failure	1 LMLM parameter list
				2 LDSU parameter list
				3 LDLD parameter list
LD 1920	DFHLDLD1	Exc	Mode change failure	1 DSAT parameter list
LD 1921				2 LDSU parameter list
				3 LDLD parameter list
LD 1922	DFHLDLD1	Exc	VSE LOAD or BLDL failure, no storage	1 Parameter list
LD 1923	DFHLDLD	Exc	Loader SVC failed due to shortage of storage	1 Parameter list
				2 LDSU Parameter list
				3 Abend code
				4 Reason code
LD 1924	DFHLDLD1	Exc	Library I/O error	1 Parameter list
LD 1925	DFHLDLD	Exc	Load failed due to error processing LIBDEF	1 Parameter list
				2 LDSU Parameter list
				3 Abend code
				4 Reason code
LD 1926	DFHLDLD1	Exc	SVC request failure	1 Parameter list
LD 1927	DFHLDLD	Exc	SVC request failure	1 Parameter list
				2 LDSU Parameter list
				3 Abend code
				4 Reason code
LD 2701	DFHLDLD2	Exc	Recovery	1 LDLD parameter list
				2 Kernel error data
				3 LDSU parameter list
LD 2901	DFHLDLD2	Exc	Catalog error	1 CCCC parameter list
				2 LDLD parameter list
LD 2902	DFHLDLD2	Exc	Catalog DELETE failure	1 CCCC parameter list
				2 LDLD parameter list
LD 2903	DFHLDLD2	Exc	CPE GETMAIN failure	1 SMGF parameter list
				2 LDLD parameter list
LD 2909	DFHLDLD2	Exc	Catalog write failure	1 CCCC parameter list
				2 LDLD parameter list
LD 3701	DFHLDLD3	Exc	Recovery	1 LDLD parameter list
				2 Kernel error data
				3 LDSU parameter list
LD 3901	DFHLDLD3	Exc	Catalog WRITE failure	1 LDLD parameter list
				2 LDSU parameter list
				2 CCCC parameter list
LD 3902	DFHLDLD	Exc	LDBE GETMAIN failure	1 LDLD Parameter list
				2 LDSU Parameter list
				3 SMGF Parameter list
LD 3904	DFHLDLD3	Exc	PRVMOD GETMAIN failure	1 LDLD parameter list
				2 LDSU parameter list
				3 SMGF parameter list
LD 3905	DFHLDLD3	Exc	Catalog error	1 LDLD parameter list
				2 LDSU parameter list
				3 CCCC parameter list
LD 3906	DFHLDLD3	Exc	Catalog write failure	1 LDLD parameter list
				2 LDSU parameter list
				3 CCCC parameter list
LD 3907	DFHLDLD3	Exc	Catalog error	1 LDLD parameter list
				2 LDSU parameter list
				3 CCCC parameter list
LD 3908	DFHLDLD3	Exc	Catalog write failure	1 LDLD parameter list
				2 LDSU parameter list
				3 CCCC parameter list
LD 4001	DFHLDNT	LD	Entry	1 SMNT parameter list
LD 4002	DFHLDNT	LD	Exit	1 SMNT parameter list
LD 4701	DFHLDNT	Exc	Recovery	1 SMNT parameter list
				2 Kernel error data

LD domain trace points

Table 90 (Page 3 of 5). Loader domain trace points				
Point ID	Module	Lvl	Type	Data
LD 4801	DFHLDNT	Exc	Invalid format	1 SMNT parameter list 2 Parameter list
LD 4802	DFHLDNT	Exc	Invalid function	1 SMNT parameter list 2 Parameter list
LD 4803	DFHLDNT	Exc	Invalid parameters	1 SMNT parameter list
LD 4901	DFHLDNT	Exc	State lock failure	1 SMNT parameter list 2 LMLM parameter list
LD 4902	DFHLDNT	Exc	State unlock failure	1 SMNT parameter list 2 LMLM parameter list
LD 5001	DFHLDST	LD	Entry	1 STST parameter list
LD 5002	DFHLDST	LD	Exit	1 STST parameter list
LD 5701	DFHLDST	Exc	Recovery	1 STST parameter list 2 Kernel error data
LD 5801	DFHLDST	Exc	Invalid format	1 Parameter list 2 STST parameter list
LD 5802	DFHLDST	Exc	Invalid function	1 Parameter list 2 STST parameter list
LD 5803	DFHLDST	Exc	Invalid parameters - neither DATA(YES) nor RESET(YES)	1 Parameter list 2 STST parameter list
LD 5901	DFHLDST	Exc	State lock failure	1 LMLM parameter list 2 STST parameter list
LD 5902	DFHLDST	Exc	State unlock failure	1 LMLM parameter list 2 STST parameter list
LD 6001	DFHLDDM	LD	Entry	1 DMDM parameter list
LD 6002	DFHLDDM	LD	Exit	1 DMDM parameter list
LD 6003	DFHLDDM	LD 2	Before SVC call	1 Authorized facility parameter list
LD 6004	DFHLDDM	LD 2*	After SVC Call	1 Authorized facility parameter list
Note: * Exception if SVC returns bad response code				
LD 6003	DFHLDDM	LD	Before SVC call	1 Authorized facility parameter list
LD 6004	DFHLDDM	LD 2	After SVC call	1 Authorized facility parameter list
LD 6701	DFHLDDM	Exc	Recovery	1 DMDM parameter list 2 Kernel error data
LD 6801	DFHLDDM	Exc	Invalid format	1 DMDM parameter list
LD 6802	DFHLDDM	Exc	Invalid function	1 DMDM parameter list
LD 6803	DFHLDDM	Exc	Invalid parameters	1 DMDM parameter list
LD 6804	DFHLDDM	Exc	Bad LOB read from catalog	1 LOB
LD 6901	DFHLDDM	Exc	Define program error	1 DMDM parameter list 2 Parameter list
LD 6902	DFHLDDM	Exc	Acquire program error	1 DMDM parameter list 2 Parameter list
LD 6903	DFHLDDM	Exc	Release program error	1 DMDM parameter list 2 Parameter list
LD 6905	DFHLDDM	Exc	GETMAIN failure	1 DMDM parameter list 2 SMGF parameter list
LD 6908	DFHLDDM	Exc	Add gate failure	1 DMDM parameter list 2 KEDD parameter list
LD 6909	DFHLDDM	Exc	Get override parameters error	1 DMDM parameter list 2 Parameter list
LD 690B	DFHLDDM	Exc	Catalog WRITE failure during quiesce	1 DMDM parameter list 2 CCCC parameter list
LD 690D	DFHLDDM	Exc	Add control subpool failure	1 DMDM parameter list 2 SMAD parameter list
LD 690E	DFHLDDM	Exc	Add APE cell subpool failure	1 DMDM parameter list 2 SMAD parameter list
LD 690F	DFHLDDM	Exc	Add CSECTL subpool failure	1 DMDM parameter list 2 SMAD parameter list
LD 6910	DFHLDDM	Exc	Add LDNUC subpool failure	1 DMDM parameter list 2 SMAD parameter list
LD 6911	DFHLDDM	Exc	Add LDENUC subpool failure	1 DMDM parameter list 2 SMAD parameter list
LD 6912	DFHLDDM	Exc	Add LDENUCRO subpool failure	1 DMDM parameter list 2 SMAD parameter list
LD 6913	DFHLDDM	Exc	Add LDRES subpool failure	1 DMDM parameter list 2 SMAD parameter list
LD 6914	DFHLDDM	Exc	Add LDERES subpool failure	1 DMDM parameter list 2 SMAD parameter list
LD 6915	DFHLDDM	Exc	Add LDERESRO subpool failure	1 DMDM parameter list 2 SMAD parameter list
LD 6916	DFHLDDM	Exc	Add LDPGM subpool failure	1 DMDM parameter list 2 SMAD parameter list

Table 90 (Page 4 of 5). Loader domain trace points

Point ID	Module	Lvl	Type	Data
LD 6917	DFHLDDM	Exc	Add LDEPGM subpool failure	1 DMDM parameter list 2 SMAD parameter list
LD 6918	DFHLDDM	Exc	Add LDEPGMRO subpool failure	1 DMDM parameter list 2 SMAD parameter list
LD 6919	DFHLDDM	Exc	Set Anchor failure	1 DMDM parameter list 2 KEDD parameter list
LD 691A	DFHLDDM	Exc	Loader control parameter record read failure	1 DMDM parameter list 2 KEDD parameter list
LD 691B	DFHLDDM	Exc	Add state lock failure	1 DMDM parameter list 2 LMLM parameter list
LD 691C	DFHLDDM	Exc	Add library lock failure	1 DMDM parameter list 2 LMLM parameter list
LD 691D	DFHLDDM	Exc	Unlock state lock failure	1 DMDM parameter list 2 LMLM parameter list
LD 691E	DFHLDDM	Exc	Unlock library lock failure	1 DMDM parameter list 2 LMLM parameter list
LD 691F	DFHLDDM	Exc	Inquire start failure	1 DMDM parameter list 2 PAGP parameter list
LD 6920	DFHLDDM	Exc	Add LDRESRO subpool failure	1 DMDM parameter list 2 SMAD parameter list
LD 6921	DFHLDDM	Exc	Add LDPGMRO subpool failure	1 DMDM parameter list 2 SMAD parameter list
LD 6922	DFHLDDM	Exc	Add LDNUCRO subpool failure	1 DMDM parameter list 2 SMAD parameter list
LD 6923	DFHLDDM	Exc	Add CPE cell subpool failure	1 DMDM parameter list 2 SMAD parameter list
LD 7003	DFHLDDMI	LD 1	Before SVC call	1 Authorized facility parameter list 2 BLDL parameter list (up to first 200 bytes)
LD 7004	DFHLDDMI	LD 1	After SVC call	1 Authorized facility parameter list 2 BLDL parameter list (up to first 200 bytes)
LD 7005	DFHLDDMI	LD 2	Before issuing CSVQUERY	1 Program name
LD 7006	DFHLDDMI	LD 2	After issuing CSVQUERY	1 Program name 2 Return code
LD 7701	DFHLDDMI	Exc	Recovery	1 DMDM parameter list 2 Kernel error data
LD 7801	DFHLDDMI	Exc	Bad response from SVC call	1 Authorized facility parameter list 2 BLDL parameter list (up to first 200 bytes)
LD 7802	DFHLDDMI	Exc	Invalid PDB	1 Program name 2 PDB
LD 7803	DFHLDDMI	Exc	CSVQUERY failure	1 Program name 2 Return code
LD 7832	DFHLDDM	Exc	Unable to find DFHSIP31	1 parameter list 2 LDSU parameter list
LD 7903	DFHLDDMI	Exc	Get override parameters error	3 DMDM parameter list 1 Parameter list 2 LDSU parameter list
LD 7905	DFHLDDMI	Exc	APE GETMAIN failure	3 DMDM parameter list 1 SMGF parameter list 2 LDSU parameter list
LD 7906	DFHLDDMI	Exc	Wait phase error	3 DMDM parameter list 1 DMDM parameter list 2 LDSU parameter list
LD 7907	DFHLDDMI	Exc	Local catalog request error	3 DMDM parameter list 1 CCCC parameter list 2 LDSU parameter list
LD 7908	DFHLDDMI	Exc	Global catalog request error	3 DMDM parameter list 1 CCCC parameter list 2 LDSU parameter list
LD 7909	DFHLDDMI	Exc	DFHLDNT exception	3 DMDM parameter list 1 KEDD parameter list 2 LDSU parameter list
LD 790A	DFHLDDMI	Exc	DFHLDST exception	3 DMDM parameter list 1 KEDD parameter list 2 LDSU parameter list
LD 790B	DFHLDDMI	Exc	Library lock failure	3 DMDM parameter list 1 LMLM parameter list 2 LDSU parameter list
LD 790C	DFHLDDMI	Exc	Library unlock failure	3 DMDM parameter list 1 LMLM parameter list 2 LDSU parameter list 3 DMDM parameter list

LM domain trace points

<i>Table 90 (Page 5 of 5). Loader domain trace points</i>				
Point ID	Module	Lvl	Type	Data
LD 790D	DFHLDDMI	Exc	START BROWSE failure	1 Parameter list 2 LDSU parameter list 3 DMDM parameter list
LD 790E	DFHLDDMI	Exc	END BROWSE failure	1 Parameter list 2 LDSU parameter list 3 DMDM parameter list
LD 790F	DFHLDDMI	Exc	CPE GETMAIN failure	1 SMGF parameter list 2 LDSU parameter list 3 DMDM parameter list
LD 7910	DFHLDDMI	Exc	BLDL GETMAIN failure	1 SMGF parameter list 2 LDSU parameter list 3 DMDM parameter list
LD 7912	DFHLDDMI	Exc	CSECTL GETMAIN failure	1 SMGF parameter list 2 LDSU parameter list 3 DMDM parameter list
LD 7913	DFHLDDMI	Exc	Mode change failure	1 DSAT parameter list 2 LDSU parameter list 3 DMDM parameter list
LD 7914	DFHLDDMI	Exc	INQUIRE START failure	1 DSAT parameter list 2 LDSU parameter list 3 DMDM parameter list
LD 7915	DFHLDDMI	Exc	TYPE PURGE failure	1 DSAT parameter list 2 LDSU parameter list 3 DMDM parameter list
LD 7920	DFHLDDMI	Exc	State lock failure	1 LMLM parameter list 2 LDSU parameter list 3 DMDM parameter list
LD 7921				
LD 7922				
LD 7923				
LD 7924				
LD 7925				
LD 7926	DFHLDDMI	Exc	State unlock failure	1 LMLM parameter list 2 LDSU parameter list 3 DMDM parameter list
LD 7927				
LD 7928				
LD 7929				
LD 792A				
LD 792B				
LD 792C				
LD 792D				
LD 792E				
LD 7930	DFHLDDMI	Exc	Add gate failure	1 KEDD parameter list 2 LDSU parameter list 3 DMDM parameter list
LD 7931				
LD 7932	DFHLDDMI	Exc	Lock call failed for state lock	1 LMLM parameter list 2 LDSU parameter list 3 DMDM parameter list
LD 7933	DFHLDDMI	Exc	Unlock call failed for state lock	1 LMLM parameter list 2 LDSU parameter list 3 DMDM parameter list
LD 7934	DFHLDDMI	Exc	ADD_SUSPEND call failed	1 DSSR parameter list 2 LDSU parameter list 3 DMDM parameter list
LD 7935	DFHLDDMI	Exc	Library unlock failure	1 LMLM parameter list 2 LDSU parameter list 3 DMDM parameter list
LD 7936	DFHLDDMI	Exc	DELETE_SUSPEND call failed	1 DSSR parameter list 2 LDSU parameter list 3 DMDM parameter list
LD 7937	DFHLDDMI	Exc	GETMAIN for LDWE failed	1 SMGF parameter list 2 LDSU parameter list 3 DMDM parameter list
LD 7938	DFHLDDMI	Exc	SUSPEND call failed	1 DSSR parameter list 2 LDSU parameter list 3 DMDM parameter list

Lock manager domain trace points

<i>Table 91 (Page 1 of 2). Lock manager domain trace points</i>				
Point ID	Module	Lvl	Type	Data
LM 0001	DFHLMMDM	LM 1	Entry	1 DMDM parameter list
LM 0002	DFHLMMDM	LM 1	Exit	1 DMDM parameter list

Table 91 (Page 2 of 2). Lock manager domain trace points

Point ID	Module	Lvl	Type	Data
LM 0003	DFHLMMLM	LM 1	Entry	1 LMLM parameter list 2 Lock name
LM 0004	DFHLMMLM	LM 1	Exit	1 LMLM parameter list 2 Lock name
LM 0005	DFHLMDS	LM 1	Entry	1 DSNT parameter list
LM 0006	DFHLMDS	LM 1	Exit	1 DSNT parameter list
LM 0009	DFHLMIQ	LM 1	Entry	1 LMIQ parameter list
LM 000A	DFHLMIQ	LM 1	Exit	1 LMIQ parameter list
LM 000C	DFHLMMDM	LM 1	Before VSE GETMAIN	1 Amount of storage
LM 000D	DFHLMMLM	LM 1	Before VSE GETMAIN	1 Amount of storage
LM 000E	DFHLMDS	LM 1	Before VSE GETMAIN	1 Amount of storage
LM 000F	DFHLMIQ	LM 1	Before VSE GETMAIN	1 Amount of storage
LM 0010	DFHLMMLM	LM 2	About to start Exclusive wait	1 Waiting task 2 Lock owning task 3 Lock name 4 LM Block
LM 0011	DFHLMMLM	LM 2	Exclusive wait ended	1 Waiting task 2 Lock owning task 3 Lock name 4 LM Block
LM 0014	DFHLMMLM	LM 2	About to start Shared wait	1 Waiting task 2 Lock owning task 3 Lock name 4 LM Block
LM 0015	DFHLMMLM	LM 2	Shared wait ended	1 Waiting task 2 Lock owning task 3 Lock name 4 LM Block
LM 0020	DFHLMMDM	Exc	Recovery	1 DMDM parameter list 2 Kernel error data
LM 0021	DFHLMMLM	Exc	Recovery	1 LMLM parameter list 2 Kernel error data
LM 0022	DFHLMDS	Exc	Recovery	1 DSNT parameter list 2 Kernel error data
LM 0024	DFHLMIQ	Exc	Recovery	1 LMIQ parameter list 2 Kernel error data
LM 0032	DFHLMMDM	Exc	Invalid format	1 DMDM parameter list
LM 0033	DFHLMMDM	Exc	Invalid function	1 DMDM parameter list
LM 0034	DFHLMMDM	Exc	Insufficient storage	1 Amount of storage
LM 0035	DFHLMMDM	Exc	Insufficient storage	1 Amount of storage
LM 0036	DFHLMMDM	Exc	Insufficient storage	1 Amount of storage
LM 0037	DFHLMMDM	Exc	Insufficient storage	1 Amount of storage
LM 0040	DFHLMMLM	Exc	Add lock error	1 Lock name 2 Internal data
LM 0041	DFHLMMLM	Exc	Invalid format	1 LMLM parameter list
LM 0042	DFHLMMLM	Exc	Invalid function	1 LMLM parameter list
LM 0043	DFHLMMLM	Exc	Insufficient storage	1 Amount of storage
LM 0044	DFHLMMLM	Exc	Insufficient storage	1 Amount of storage
LM 0045	DFHLMMLM	Exc	Invalid lock token	1 LMLM parameter list
LM 0047	DFHLMMLM	Exc	Task requesting lock purged	1 LMLM parameter list
LM 0050	DFHLMDS	Exc	Insufficient storage	1 Amount of storage
LM 0051	DFHLMDS	Exc	Invalid format	1 DSNT parameter list
LM 0070	DFHLMIQ	Exc	Insufficient storage	1 Amount of storage
LM 0071	DFHLMIQ	Exc	Invalid format	1 LMIQ parameter list
LM 0072	DFHLMIQ	Exc	Invalid function	1 LMIQ parameter list
LM 0073	DFHLMIQ	Exc	Invalid browse token	1 LMIQ parameter list
LM 0074	DFHLMIQ	Exc	Invalid browse token	1 LMIQ parameter list

For further possible trace points, see "Trace points in common subroutines" on page 30.

ME domain trace points

Message domain trace points

Table 92 (Page 1 of 2). Message domain trace points				
Point ID	Module	Lvl	Type	Data
ME 0101	DFHMEDM	ME 1	Entry	1 DMDM parameter list
ME 0102	DFHMEDM	ME 1	Exit	1 DMDM parameter list
ME 0103	DFHMEDM	Exc	Invalid format	1 DMDM parameter list
ME 0104	DFHMEDM	Exc	Invalid function	1 DMDM parameter list
ME 0105	DFHMEDM	Exc	Gate add failed	1 KEDD parameter list
ME 0106	DFHMEDM	Exc	Gate add failed	1 KEDD parameter list
ME 0107	DFHMEDM	Exc	VSE GETMAIN failed	1 GETMAIN return code
ME 0108	DFHMEDM	Exc	SET ANCHOR failed	1 KEDD parameter list
ME 0109	DFHMEDM	Exc	VSE LOAD failed	1 LOAD abend code 2 LOAD reason code
ME 0110	DFHMEDM	Exc	Severe error detected	1 DMDM parameter list
ME 0111	DFHMEDM	ME 1	About to do VSE GETMAIN	1 Storage length
ME 0112	DFHMEDM	ME 1	VSE GETMAIN complete	1 Storage address 2 GETMAIN return code
ME 0113	DFHMEDM	ME 1	About to do VSE LOAD	1 Module name
ME 0114	DFHMEDM	ME 1	VSE LOAD complete	1 LOAD address
ME 0115	DFHMEDM	Exc	Recovery routine entered	1 DMDM parameter list 2 Kernel error data
ME 0116	DFHMEDM	Exc	Add for APUE gate failed	1 Kernel parameter list
ME 0201	DFHMESR	ME 1	Entry	1 MESR parameter list
ME 0202	DFHMESR	ME 1	Exit	1 MESR parameter list
ME 0203	DFHMESR	Exc	Invalid format	1 MESR parameter list
ME 0204	DFHMESR	Exc	Invalid function	1 MESR parameter list
ME 0205	DFHMESR	Exc	Recovery routine entered	1 MESR parameter list 2 Kernel error data
ME 0206	DFHMESR	Exc	Invalid APUE function id	1 APUE parameter list
ME 0301	DFHMEME	ME 1	Entry	1 MEME parameter list
ME 0302	DFHMEME	ME 1	Exit	1 MEME parameter list
ME 0303	DFHMEME	Exc	Invalid format	1 MEME parameter list
ME 0304	DFHMEME	Exc	Invalid function	1 MEME parameter list
ME 0305	DFHMEME	Exc	Recovery routine entered	1 MEME parameter list 2 Kernel error data
ME 0307	DFHMEME	Exc	Message module not found	1 MEME parameter list 2 Anchor block
ME 0308	DFHMEIN	Exc	Invalid message module	1 Message module header 2 MEIN parameter list
ME 0309	DFHMEIN	Exc	Message not found	1 MEIN parameter list 2 Message module header
ME 0310	DFHMEIN	Exc	Message set not found	1 MEIN parameter list 2 Message module header
ME 0312	DFHMEME	ME 1	About to do VSE GETMAIN	1 Storage length
ME 0313	DFHMEME	ME 1	VSE GETMAIN complete	1 Storage address 2 GETMAIN return code
ME 0314	DFHMEME	ME 1	About to do VSE FREEMAIN	1 Addr of storage to free 2 Length of storage to free
ME 0315	DFHMEME	ME 1	VSE FREEMAIN complete	1 FREEMAIN return code
ME 0316	DFHMEIN	Exc	Destination missing from message definition	1 Field which should be destination
ME 0317	DFHMEIN	Exc	Invalid message definition component type	1 Message ptr and length 2 MSG_ID ptr and length 3 Component type and length if present
ME 0318	DFHMEME	Exc	Message too long for WTOR	1 Maximum WTOR length 2 Message buffer
ME 0322	DFHMEME	Exc	Invalid CONVERSE destination	1 MEME parameter list
ME 0324	DFHMEME	Exc	Invalid SEND destination	1 MEME parameter list
ME 0328	DFHMEME	Exc	Exception response from transient data call	1 Message prefix 2 TDTD parameters
ME 0329	DFHMEME	Exc	First write to transient data queue failed	1 Message prefix 2 TDTD parameters
ME 0330	DFHMEME	Exc	Subsequent write to transient data queue fail	1 Message prefix 2 TDTD parameters
ME 0332	DFHMEME	Exc	Reply index not specified	1 MEME parameter list
ME 0333	DFHMEME	Exc	Reply buffer not specified	1 MEME parameter list
ME 0334	DFHMEME	Exc	Reply index not specified	1 MEME parameter list
ME 0335	DFHMEME	Exc	Reply buffer not specified	1 MEME parameter list
ME 0336	DFHMEME	Exc	User exit route codes error	1 User exit route codes array
ME 0337	DFHMEME	Exc	User-exit TD queue names error	1 User EXIT_ID queues array
ME 0338	DFHMEME	Exc	Message cannot be rerouted to transient queue	1 Message prefix 2 User Exit queues array

Table 92 (Page 2 of 2). Message domain trace points

Point ID	Module	Lvl	Type	Data
ME 0340	DFHMEME	Exc	GETMAIN for formatting message failed	1 GETMAIN return code
ME 0341	DFHMEME	Exc	GETMAIN for building message failed	1 GETMAIN return code
ME 0342	DFHMEME	Exc	GETMAIN for user exit failed	1 GETMAIN return code
ME 0343	DFHMEME	Exc	GETMAIN for rebuilding message in English failed	1 GETMAIN return code
ME 0344	DFHMEME	Exc	GETMAIN for SYMREC failed	1 GETMAIN return code
ME 0401	DFHMEBU	ME 1	Entry	1 MEBU parameter list
ME 0402	DFHMEBU	ME 1	Exit	1 MEBU parameter list
ME 0403	DFHMEBU	Exc	Invalid format	1 MEBU parameter list
ME 0404	DFHMEBU	Exc	Invalid function	1 MEBU parameter list
ME 0405	DFHMEBU1	Exc	Invalid element	1 Message being built 2 MEBU parameter list
ME 0406	DFHMEBU1	Exc	Invalid template	1 Message being built 2 MEBU parameter list
ME 0407	DFHMEBU	Exc	Maximum replies exceeded	1 Message being built 2 MEBU parameter list
ME 0408	DFHMEBU1	Exc	Bad insert number ID	1 Message being built 2 MEBU parameter list
ME 0409	DFHMEBU1	Exc	Bad insert format	1 Message being built 2 MEBU parameter list
ME 0410	DFHMEBU1	Exc	Special insert format	1 Message being built 2 MEBU parameter list
ME 0411	DFHMEBU1	Exc	Optional insert not found	1 Data found 2 MEBU parameter list
ME 0412	DFHMEBU1	Exc	Specified insert not found	1 Data found 2 MEBU parameter list
ME 0413	DFHMEBU1	Exc	Date specification error	1 Message being built 2 MEBU parameter list
ME 0414	DFHMEBU1	Exc	Date specification error	1 Message being built 2 MEBU parameter list
ME 0415	DFHMEBU1	Exc	Invalid decimal number	1 Message being built 2 MEBU parameter list
ME 0416	DFHMEBU1	Exc	Invalid date insert	1 Message being built 2 MEBU parameter list
ME 0417	DFHMEBU1	Exc	Invalid time insert	1 Message being built 2 MEBU parameter list
ME 0418	DFHMEBU1	Exc	Invalid optional insert	1 Message being built 2 MEBU parameter list
ME 0419	DFHMEBU1	Exc	Invalid time format specification	1 Message being built 2 MEBU parameter list
ME 0420	DFHMEBU1	Exc	Symptom string overflow	1 Symptom string being built 2 Length of data added 3 Data added
ME 0421	DFHMEBU1	Exc	Invalid symptom string template	1 Symptom string being built 2 Symptom string template
ME 0501	DFHMEIN	ME 1	Entry	1 MEIN parameter list
ME 0502	DFHMEIN	ME 1	Exit	1 MEIN parameter list
ME 0503	DFHMEIN	Exc	Invalid format	1 MEIN parameter list
ME 0504	DFHMEIN	Exc	Invalid function	1 MEIN parameter list
ME 0601	DFHMEWT	ME 1	Entry	1 MEIN parameter list
ME 0602	DFHMEWT	ME 1	Exit	1 MEIN parameter list
ME 0603	DFHMEWT	Exc	Invalid format	1 MEIN parameter list
ME 0604	DFHMEWT	Exc	Invalid function	1 MEIN parameter list
ME 0605	DFHMEWT	Exc	WTOR message too long	1 MEIN parameter list
ME 0606	DFHMEWT	ME 1	Before WTOR SVC call	1 SVC parameter list
ME 0607	DFHMEWT	ME 1	After WTOR SVC call	1 SVC parameter list

For further possible trace points, see “Trace points in common subroutines” on page 30.

Monitoring domain trace points

Table 93 (Page 1 of 4). Monitoring domain trace points

Point ID	Module	Lvl	Type	Data
MN 0101	DFHMNDM	MN 1	Entry	1 DMDM parameter list
MN 0102	DFHMNDM	MN 1	Exit	1 DMDM parameter list
MN 0103	DFHMNDM	Exc	Recovery	1 DMDM parameter list 2 Kernel error data
MN 0104	DFHMNDM	Exc	Invalid format	1 DMDM parameter list
MN 0105	DFHMNDM	Exc	Invalid function	1 DMDM parameter list

MN domain trace points

Table 93 (Page 2 of 4). Monitoring domain trace points

Point ID	Module	Lvl	Type	Data
MN 0106	DFHMNDM	Exc	Domain already initialized	1 DMDM parameter list 2 MN domain global storage area
MN 0107	DFHMNDM	Exc	Catalog READ error	1 CCCC parameter list
MN 0108	DFHMNDM	Exc	Wait phase initialization error	1 DMDM parameter list
MN 0109	DFHMNDM	Exc	Wait phase termination error	1 DMDM parameter list
MN 0110	DFHMNDM	Exc	Add MNSR gate error	1 KEDD parameter list
MN 0111	DFHMNDM	Exc	Add APUE gate error	1 KEDD parameter list
MN 0112	DFHMNDM	Exc	Add STST gate error	1 KEDD parameter list
MN 0113	DFHMNDM	Exc	Add MNMN gate error	1 KEDD parameter list
MN 0114	DFHMNDM	Exc	Delete MNSR gate error	1 KEDD parameter list
MN 0115	DFHMNDM	Exc	Delete APUE gate error	1 KEDD parameter list
MN 0116	DFHMNDM	Exc	Delete STST gate error	1 KEDD parameter list
MN 0117	DFHMNDM	Exc	Delete MNMN gate error	1 KEDD parameter list
MN 0118	DFHMNDM	Exc	Set anchor error	1 KEDD parameter list
MN 0119	DFHMNDM	Exc	Delete program error	1 LDLD parameter list
MN 0120	DFHMNDM	Exc	LM LOCK call failed	1 LMLM parameter list
MN 0121	DFHMNDM	Exc	LM UNLOCK call failed	1 LMLM parameter list
MN 0122	DFHMNDM	Exc	Acquire program failed	1 LDLD parameter list
MN 0123	DFHMNDM	Exc	Define program failed	1 LDLD parameter list
MN 0124	DFHMNDM	Exc	Acquire program failed	1 LDLD parameter list
MN 0125	DFHMNDM	Exc	PA domain call failed	1 PAGP parameter list
MN 0126	DFHMNDM	Exc	Allocate subpool failed	1 SMAD parameter list
MN 0128	DFHMNDM	Exc	Allocate subpool failed	1 SMAD parameter list
MN 0129	DFHMNDM	Exc	GETMAIN request failed	1 SMGF parameter list
MN 0130	DFHMNDM	Exc	GETMAIN request failed	1 SMGF parameter list
MN 0131	DFHMNDM	Exc	GETMAIN request failed	1 SMGF parameter list
MN 0132	DFHMNDM	Exc	GETMAIN request failed	1 SMGF parameter list
MN 0133	DFHMNDM	Exc	GETMAIN request failed	1 SMGF parameter list
MN 0134	DFHMNDM	Exc	GETMAIN request failed	1 SMGF parameter list
MN 0135	DFHMNDM	Exc	GETMAIN request failed	1 SMGF parameter list
MN 0136	DFHMNDM	Exc	Set kernel error	1 KEGD parameter list
MN 0137	DFHMNDM	Exc	PA INQUIRE START error	1 PAGP parameter list
MN 0138	DFHMNDM	Exc	SMGF Getmain PB Array error	1 SMGF parameter list
MN 0139	DFHMNDM	Exc	TISR Notify error	1 TISR parameter list
MN 0140	DFHMNDM	Exc	TISR Cancel error	1 TISR parameter list
MN 0141	DFHMNDM	Exc	KEDD Add_Gate error for TISR	1 KEDD parameter list
MN 0142	DFHMNDM	Exc	KEDD Delete_Gate error for TISR	1 KEDD parameter list
MN 0143	DFHMNDM	Exc	KEDD Add_Gate error for XMNT	1 KEDD parameter list
MN 0144	DFHMNDM	Exc	KEDD Delete_Gate error for XMNT	1 KEDD parameter list
MN 0145	DFHMNDM	Exc	LMLM Lock error	1 LMLM parameter list
MN 0146	DFHMNDM	Exc	Add MNXM gate error	1 KEDD parameter list
MN 0147	DFHMNDM	Exc	Delete MNXM gate error	1 KEDD parameter list
MN 0201	DFHMNMN	MN 1	Entry	1 MNMN parameter list
MN 0202	DFHMNMN	MN 1	Exit	1 MNMN parameter list
MN 0203	DFHMNMN	Exc	Recovery	1 MNMN parameter list 2 Kernel error data
MN 0204	DFHMNMN	Exc	Invalid format	1 MNMN parameter list
MN 0205	DFHMNMN	Exc	Invalid function	1 MNMN parameter list
MN 0206	DFHMNMN	Exc	Set kernel error	1 KEGD parameter list
MN 0207	DFHMNMN	Exc	Read CPU time error	1 KEDS parameter list
MN 0208	DFHMNMN	Exc	Reset CPU time error	1 KEDS parameter list
MN 0209	DFHMNMN	Exc	Invoke user exit error	1 APEX parameter list
MN 0212	DFHMNMN	Exc	GETMAIN request failed	1 SMGF parameter list
MN 0213	DFHMNMN	Exc	FREEMAIN request failed	1 SMGF parameter list 2 Area to be freed
MN 0215	DFHMNMN	Exc	Invalid token error	1 MNMN parameter list 2 TMA
MN 0216	DFHMNMN	Exc	Point definition error	1 MNMN parameter list
MN 0217	DFHMNMN	Exc	Point definition error	1 MNMN parameter list
MN 0218	DFHMNMN	Exc	Point definition error	1 MNMN parameter list
MN 0219	DFHMNMN	Exc	Unknown EMP option	1 MNMN parameter list 2 EMP option
MN 0220	DFHMNMN	Exc	Clock start error— already running	1 MNMN parameter list 2 TMA
MN 0221	DFHMNMN	Exc	Clock stop error— not running	1 MNMN parameter list 2 TMA
MN 0222	DFHMNMN	Exc	LM LOCK call failed	1 LMLM parameter list
MN 0223	DFHMNMN	Exc	LM UNLOCK call failed	1 LMLM parameter list
MN 0224	DFHMNMN	Exc	Invalid data	1 MNMN parameter list
MN 0226	DFHMNMN	Exc	Data1 not specified	1 MNMN parameter list 2 MCT operation

Table 93 (Page 3 of 4). Monitoring domain trace points

Point ID	Module	Lvl	Type	Data
MN 0227	DFHMNMN	Exc	Data2 not specified	1 MNMN parameter list 2 MCT operation
MN 0228	DFHMNMN	Exc	XMIQ Inq_Transaction error	1 XMIQ parameter list
MN 0301	DFHMNSR	MN 1	Entry	1 MNSR parameter list
MN 0302	DFHMNSR	MN 1	Exit	1 MNSR parameter list
MN 0303	DFHMNSR	Exc	Recovery	1 MNSR parameter list 2 Kernel error data
MN 0304	DFHMNSR	Exc	Invalid format	1 MNSR parameter list
MN 0305	DFHMNSR	Exc	Invalid function	1 MNSR parameter list
MN 0306	DFHMNSR	Exc	Acquire program failed	1 LDLD parameter list
MN 0307	DFHMNSR	Exc	Acquire program failed	1 LDLD parameter list
MN 0308	DFHMNSR	Exc	Define program failed	1 LDLD parameter list
MN 0309	DFHMNSR	Exc	Delete program error	1 LDLD parameter list
MN 0310	DFHMNSR	Exc	LM LOCK call failed	1 LMLM parameter list
MN 0311	DFHMNSR	Exc	LM UNLOCK call failed	1 LMLM parameter list
MN 0312	DFHMNSR	Exc	Set kernel error	1 KEGD parameter list
MN 0313	DFHMNSR	Exc	KEGD Inq_Kernel error	1 KEGD parameter list
MN 0314	DFHMNSR	Exc	TISR Cancel error	1 TISR parameter list
MN 0315	DFHMNSR	Exc	TISR Notify error	1 TISR parameter list
MN 0401	DFHMNST	MN 1	Entry	1 STST parameter list
MN 0402	DFHMNST	MN 1	Exit	1 STST parameter list
MN 0403	DFHMNST	Exc	Recovery	1 STST parameter list 2 Kernel error data
MN 0404	DFHMNST	Exc	Invalid format	1 STST parameter list
MN 0405	DFHMNST	Exc	Invalid function	1 STST parameter list
MN 0406	DFHMNST	Exc	LM LOCK call failed	1 LMLM parameter list
MN 0407	DFHMNST	Exc	LM UNLOCK call failed	1 LMLM parameter list
MN 0408	DFHMNST	Exc	GETMAIN request failed	1 SMGF parameter list
MN 0409	DFHMNST	Exc	FREEMAIN request failed	1 SMGF parameter list
MN 0410	DFHMNST	Exc	Requested monitoring data unavailable	1 MNMN parameter list
MN 0501	DFHMNSU	MN 1	Entry	1 MNSU parameter list
MN 0502	DFHMNSU	MN 1	Exit	1 MNSU parameter list
MN 0503	DFHMNSU	Exc	Recovery	1 MNSU parameter list 2 Kernel error data
MN 0504	DFHMNSU	Exc	Invalid format	1 MNSU parameter list
MN 0505	DFHMNSU	Exc	Invalid function	1 MNSU parameter list
MN 0506	DFHMNSU	Exc	Catalog WRITE error	1 CCCC parameter list
MN 0507	DFHMNSU	Exc	About to make SVC call	1 Authorized facility parameter block 2 WLM Performance block if function is NOTIFY or REPORT
MN 0508	DFHMNSU	MN 1	Return from SVC request	1 Authorized facility parameter block
MN 0509	DFHMNSU	Exc	SVC call failed	1 Authorized facility parameter block 2 MNSU parameter list
MN 0510	DFHMNSU	Exc	Invalid PB Token	1 MNSU parameter list
MN 0511	DFHMNSU	Exc	Already connected to WLM	1 MNSU parameter list
MN 0601	DFHMNUE	MN 1	Entry	1 APUE parameter list
MN 0602	DFHMNUE	MN 1	Exit	1 APUE parameter list
MN 0603	DFHMNUE	Exc	Recovery	1 APUE parameter list 2 Kernel error data
MN 0604	DFHMNUE	Exc	Invalid format	1 APUE parameter list
MN 0605	DFHMNUE	Exc	Invalid function	1 APUE parameter list
MN 0606	DFHMNUE	Exc	Invalid exit point	1 APUE parameter list
MN 0607	DFHMNUE	Exc	LM LOCK call failed	1 LMLM parameter list
MN 0608	DFHMNUE	Exc	LM UNLOCK call failed	1 LMLM parameter list
MN 0701	DFHMNSVC	MN 3	Entry	1 Authorized facility parameter block
MN 0702	DFHMNSVC	MN 3	Exit	1 Authorized facility parameter block
MN 0801	DFHMNTI	MN 1	Entry	1 TISR parameter list
MN 0802	DFHMNTI	MN 1	Exit	1 TISR parameter list
MN 0803	DFHMNTI	Exc	Recovery	1 TISR parameter list 2 Kernel error data
MN 0804	DFHMNTI	Exc	Invalid format	1 Invalid parameter list
MN 0805	DFHMNTI	Exc	Invalid function	1 TISR parameter list
MN 0806	DFHMNTI	Exc	LMLM Lock error	1 LMLM parameter list
MN 0807	DFHMNTI	Exc	LMLM Unlock error	1 LMLM parameter list
MN 0808	DFHMNTI	Exc	KEDS Reset_Time error	1 KEDS parameter list
MN 0809	DFHMNTI	Exc	Clock start error	1 TISR parameter list 2 Transaction monitoring area
MN 0810	DFHMNTI	Exc	Clock Stop error	1 TISR parameter list 2 Transaction monitoring area
MN 0811	DFHMNTI	Exc	APEX Invoke_User_Exit error	1 APEX parameter list
MN 0812	DFHMNTI	Exc	DSAT Change_Mode error	1 DSAT parameter list

PA domain trace points • PG domain trace points

<i>Table 93 (Page 4 of 4). Monitoring domain trace points</i>				
Point ID	Module	Lvl	Type	Data
MN 0813	DFHMNTI	Exc	DSBR Inq_Task error	1 DSBR parameter list
MN 0814	DFHMNTI	Exc	XMIQ Start_Browse error	1 XMIQ parameter list
MN 0815	DFHMNTI	Exc	XMIQ Get_Next error	1 XMIQ parameter list
MN 0816	DFHMNTI	Exc	XMIQ End_Browse error	1 XMIQ parameter list
MN 0901	DFHMNNT	MN 1	Entry	1 XMNT parameter list
MN 0902	DFHMNNT	MN 1	Exit	1 XMNT parameter list
MN 0903	DFHMNNT	Exc	Recovery	1 XMNT parameter list 2 Kernel error data
MN 0904	DFHMNNT	Exc	Invalid format	1 Invalid parameter list
MN 0905	DFHMNNT	Exc	Lock request failed	1 LMLM parameter list
MN 0906	DFHMNNT	Exc	Unlock request failed	1 LMLM parameter list
MN 0A01	DFHMNXM	MN 1	Entry	1 MNXM parameter list
MN 0A02	DFHMNXM	MN 1	Exit	1 MNXM parameter list 2 Performance block if available 3 Service class name if available
MN 0A03	DFHMNXM	Exc	Recovery	1 MNXM parameter list 2 Kernal error data
MN 0A04	DFHMNXM	Exc	Invalid Format	1 MNXM parameter list
MN 0A05	DFHMNXM	Exc	Invalid Function	1 MNXM parameter list
MN 0A06	DFHMNXM	Exc	Set Kernal error	1 KEDG parameter list
MN 0A08	DFHMNXM	Exc	Reset time error	1 KEDS parameter list
MN 0A09	DFHMNXM	Exc	Invoke exit error	1 APEX parameter list
MN 0A12	DFHMNXM	Exc	GETMAIN for TMA failed	1 SMGF parameter list
MN 0A13	DFHMNXM	Exc	FREEMAIN for TMA failed	1 SMGF parameter list 2 Transaction monitoring area
MN 0A15	DFHMNXM	Exc	Invalid monitoring token	1 MNXM parameter list 2 Transaction monitoring area
MN 0A21	DFHMNXM	Exc	Clock stop failed	1 MNXM parameter list 2 Transaction monitoring area
MN 0A22	DFHMNXM	Exc	Lock request failed	1 LMLM parameter list
MN 0A23	DFHMNXM	Exc	Unlock request failed	1 LMLM parameter list

Parameter manager domain trace points

<i>Table 94. Parameter manager domain trace points</i>				
Point ID	Module	Lvl	Type	Data
PA 0101	DFHPAGP	PA 1	Entry	1 PAGP parameter list
PA 0102	DFHPAGP	PA 1	Exit	1 PAGP parameter list
PA 0103	DFHPAGP	PA 2	Before WTOR	1 PAGP parameter list 2 Operator's reply
PA 0104	DFHPAGP	PA 2	After WTOR	1 PAGP parameter list 2 Operator's reply
PA 0111	DFHPAGP	Exc	Invalid PAGP parameter list	1 PAGP parameter list
PA 0112	DFHPAGP	Exc	Invalid format number in parameter list	1 PAGP parameter list
PA 0113	DFHPAGP	Exc	Invalid function	1 PAGP parameter list
PA 0114	DFHPAGP	Exc	Invalid requesting domain	1 PAGP parameter list
PA 0115	DFHPAGP	Exc	Unable to transfer SIT to AP	1 PAGP parameter list 2 APAP parameter list
PA 0116	DFHPAGP	Exc	Recovery	1 PAGP parameter list 2 Kernel error data
PA 0201	DFHPADM	PA 1	Entry	1 DMDM parameter list
PA 0202	DFHPADM	PA 1	Exit	1 DMDM parameter list
PA 0211	DFHPADM	Exc	Invalid format number in parameter list	1 DMDM parameter list
PA 0212	DFHPADM	Exc	Invalid function	1 DMDM parameter list
PA 0213	DFHPADM	Exc	Recovery	1 DMDM parameter list 2 Kernel error data
PA 0401	DFHPASY	PA 1	Entry	1 PASY parameter list
PA 0402	DFHPASY	PA 1	Exit	1 PASY parameter list

Program manager domain trace points

<i>Table 95 (Page 1 of 7). Program manager domain trace entries</i>				
Point ID	Module	Lvl	Type	Data
PG 0101	DFHPGDM	PG 1	Entry	1 DFHDMDM parameter list
PG 0102	DFHPGDM	PG 1	Exit	1 DFHDMDM parameter list

Table 95 (Page 2 of 7). Program manager domain trace entries

Point ID	Module	Lvl	Type	Data
PG 0103	DFHPGDM	Exc	Recovery	1 DFHDMDM parameter list 2 Kernal error data
PG 0104	DFHPGDM	Exc	Invalid format	1 DFHDMDM parameter list
PG 0105	DFHPGDM	Exc	Invalid function	1 DFHDMDM parameter list
PG 0106	DFHPGDM	Exc	Unlock error	1 DFHDMDM parameter list 2 DFHLMLM parameter list
PG 0108	DFHPGDM	Exc	LDLD DEFINE or ACQUIRE failed	1 DFHDMDM parameter list 2 DFHLDL parameter list
PG 0109	DFHPGDM	Exc	LDLD RELEASE failed	1 DFHDMDM parameter list 2 DFHLDL parameter list
PG 010A	DFHPGDM	Exc	Getmain failed	1 DFHDMDM parameter list 2 DFHSMGF parameter list
PG 010B	DFHPGDM	Exc	INQUIRE_ACCESS_TOKEN failed	1 DFHDMDM parameter list 2 DFHSMR parameter list
PG 010C	DFHPGDM	Exc	INQUIRE_STORAGE_PROTECT failed	1 DFHDMDM parameter list 2 DFHSMR parameter list
PG 010D	DFHPGDM	Exc	INQUIRE_START failed	1 DFHDMDM parameter list 2 DFHPAGP parameter list
PG 010E	DFHPGDM	Exc	GET_PARAMETERS failed	1 DFHDMDM parameter list 2 DFHPAGP parameter list
PG 010F	DFHPGDM	Exc	WAIT_PHASE failed	1 DFHDMDM parameter list (call to DFHPGDM) 2 DFHDMDM parameter list (call to WAIT_PHASE)
PG 0110	DFHPGDM	Exc	SET_PHASE failed	1 DFHDMDM parameter list (call to DFHPGDM) 2 DFHDMDM parameter list (call to SET_PHASE)
PG 0111	DFHPGDM	Exc	Create Directory failed	1 DFHDMDM parameter list 2 DFHDDDI parameter list
PG 0112	DFHPGDM	Exc	ADD_GATE failed	1 DFHDMDM parameter list 2 DFHKEDD parameter list
PG 0113	DFHPGDM	Exc	INQUIRE_KERNEL failed	1 DFHDMDM parameter list 2 DFHKEGD parameter list
PG 0114	DFHPGDM	Exc	SM Inquire Isolation token failed	1 DFHDMDM parameter list 2 DFHSMR parameter list
PG 0201	DFHPGRP	PG 1	Entry	1 DFHPGRP parameter list
PG 0202	DFHPGRP	PG 1	Exit	1 DFHPGRP parameter list
PG 0203	DFHPGRP	Exc	Recovery	1 DFHPGRP parameter list 2 Kernel error data
PG 0204	DFHPGRP	Exc	Invalid format	1 DFHPGRP parameter list
PG 0205	DFHPGRP	Exc	Invalid function	1 DFHPGRP parameter list
PG 0206	DFHPGRP	Exc	DEFINE_PROGRAM failed	1 DFHPGRP parameter list 2 DFHPGDD parameter list
PG 0207	DFHPGRP	Exc	CCCC GET_NEXT failed	1 DFHPGRP parameter list 2 DFHCCCC parameter list
PG 0208	DFHPGRP	Exc	CCCC END_BROWSE failed	1 DFHPGRP parameter list 2 DFHCCCC parameter list
PG 020A	DFHPGRP	Exc	GET_PGLOCK error	1 DFHPGRP parameter list
PG 020B	DFHPGRP	Exc	RECOVERY_RELEASE_PGLOCK error	1 DFHPGRP parameter list
PG 020C	DFHPGRP	Exc	RELEASE_PGLOCK error	1 DFHPGRP parameter list
PG 020D	DFHPGRP	Exc	GETMAIN_PGWE error	1 DFHPGRP parameter list
PG 020E	DFHPGRP	Exc	SUSPEND error	1 DFHPGRP parameter list
PG 020F	DFHPGRP	Exc	Locate PPTe error	1 DFHPGRP parameter list 2 DFHDDLO parameter list
PG 0300	DFHPGDD	PG 1	Entry	1 DFHPGDD parameter list
PG 0301	DFHPGDD	PG 1	Exit	1 DFHPGDD parameter list
PG 0302	DFHPGDD	Exc	Recovery	1 DFHPGDD parameter list 2 Kernal error data
PG 0303	DFHPGDD	Exc	Invalid function	1 DFHPGDD parameter list
PG 0304	DFHPGDD	Exc	Invalid Format	1 DFHPGDD parameter list
PG 0305	DFHPGDD	Exc	Delete Entry error	1 DFHPGDD parameter list 2 DFGDDDI parameter list
PG 0306	DFHPGDD	Exc	Getmain failure	1 DFHPGDD parameter list 2 DFHSMGF parameter list
PG 0307	DFHPGDD	Exc	Define program failure	1 DFHPGDD parameter list 2 DFHLDL parameter list
PG 030C	DFHPGDD	Exc	Get pglock error	1 DFHPGDD parameter list 2 DFHLMLM parameter list
PG 030D	DFHPGDD	Exc	Recovery release pglock error	1 DFHPGDD parameter list 2 DFHLMLM parameter list
PG 030E	DFHPGDD	Exc	Recovery pglock error	1 DFHPGDD parameter list 2 DFHLMLM parameter list
PG 030F	DFHPGDD	Exc	Add entry failure	1 DFHPGDD parameter list 2 DFHDDDI parameter list

PG domain trace points

Table 95 (Page 3 of 7). Program manager domain trace entries				
Point ID	Module	Lvl	Type	Data
PG 0310	DFHPGDD	Exc	Catalog failure	1 DFHPGDD parameter list 2 DFHCCCC parameter list
PG 0311	DFHPGDD	Exc	Inquire system failure	1 DFHPGDD parameter list 2 DFHSAIQ parameter list
PG 0312	DFHPGDD	Exc	GETMAIN for PGWE failed	1 DFHPGDD parameter list 2 DFHSMGF parameter list
PG 0313	DFHPGDD	Exc	Suspend error	1 DFHPGDD parameter list 2 DFHDSSR parameter list
PG 0314	DFHPGDD	Exc	Locate_ppte_error	1 DFHPGDD parameter list 2 DFHDDLO parameter list
PG 0315	DFHPGDD	Exc	Change mode error	1 DFHPGDD parameter list 2 DFHDSAT parameter list
PG 0401	DFHPGAQ	PG 1	Entry	1 DFHPGAQ parameter list
PG 0402	DFHPGAQ	PG 1	Exit	1 DFHPGAQ parameter list
PG 0403	DFHPGAQ	Exc	Recovery	1 DFHPGAQ parameter list 2 Kernel error data
PG 0404	DFHPGAQ	Exc	Invalid function	1 DFHPGAQ parameter list
PG 0405	DFHPGAQ	Exc	Invalid Format	1 DFHPGAQ parameter list
PG 0406	DFHPGAQ	Exc	Get pglock error	1 DFHPGAQ parameter list 2 DFHMLM parameter list
PG 0407	DFHPGAQ	Exc	Recovery release pglock error	1 DFHPGAQ parameter list 2 DFHMLM parameter list
PG 0408	DFHPGAQ	Exc	Release pglock error	1 DFHPGAQ parameter list 2 DFHMLM parameter list
PG 0409	DFHPGAQ	Exc	Invalid autoinstall state	1 DFHPGAQ parameter list
PG 040A	DFHPGAQ	Exc	Invalid catalog state	1 DFHPGAQ parameter list
PG 040B	DFHPGAQ	Exc	Invalid autoinstall exit	1 DFHPGAQ parameter list
PG 040C	DFHPGAQ	Exc	Invalid_languages_available	1 DFHPGAQ parameter list
PG 040D	DFHPGAQ	Exc	Change mode error	1 DFHPGAQ parameter list 2 DFHDSAT parameter list
PG 0500	DFHPGIS	PG 1	Entry	1 DFHPGIS parameter list
PG 0501	DFHPGIS	PG 1	Exit	1 DFHPGIS parameter list
PG 0502	DFHPGIS	Exc	Recovery	1 DFHPGIS parameter list 2 Kernel error data
PG 0503	DFHPGIS	Exc	Invalid function	1 DFHPGIS parameter list
PG 0504	DFHPGIS	Exc	Invalid Format	1 DFHPGIS parameter list
PG 0506	DFHPGIS	Exc	Inquire program failure	1 DFHPGIS parameter list 2 DFHLDL parameter list
PG 0507	DFHPGIS	Exc	Define program failure	1 DFHPGIS parameter list 2 DFHLDL parameter list
PG 0508	DFHPGIS	Exc	Refresh program failure	1 DFHPGIS parameter list 2 DFHLDL parameter list
PG 0509	DFHPGIS	Exc	Start browse failure	1 DFHPGIS parameter list 2 DFHDDBR parameter list
PG 050A	DFHPGIS	Exc	Get next entry failure	1 DFHPGIS parameter list 2 DFHDDBR parameter list
PG 050B	DFHPGIS	Exc	End browse failure	1 DFHPGIS parameter list 2 DFHDDBR parameter list
PG 050C	DFHPGIS	Exc	Get pglock error	1 DFHPGIS parameter list 2 DFHMLM parameter list
PG 050D	DFHPGIS	Exc	Recovery release pglock error	1 DFHPGIS parameter list 2 DFHMLM parameter list
PG 050E	DFHPGIS	Exc	Recovery pglock error	1 DFHPGIS parameter list 2 DFHMLM parameter list
PG 050F	DFHPGIS	Exc	Getmain failure	1 DFHPGIS parameter list 2 DFHCCCC parameter list
PG 0510	DFHPGIS	Exc	Getmain PGWE failure	1 DFHPGIS parameter list 2 DFHSMGF parameter list
PG 0511	DFHPGIS	Exc	Suspend error	1 DFHPGIS parameter list 2 DFHDSSR parameter list
PG 0512	DFHPGIS	Exc	Locate_ppte_error	1 DFHPGIS parameter list 2 DFHDDLO parameter list
PG 0601	DFHPGLD	PG 1	Entry	1 DFHPGLD parameter list
PG 0602	DFHPGLD	PG 1	Exit	1 DFHPGLD parameter list
PG 0603	DFHPGLD	Exc	Recovery	1 DFHPGLD parameter list 2 Kernel error data
PG 0604	DFHPGLD	Exc	Invalid function	1 DFHPGLD parameter list
PG 0605	DFHPGLD	Exc	Invalid Format	1 DFHPGLD parameter list
PG 0606	DFHPGLD	Exc	Inquire transaction token error	1 DFHPGLD parameter list
PG 0607	DFHPGLD	Exc	Inquire transaction token error	1 DFHPGLD parameter list
PG 0608	DFHPGLD	Exc	Inquire transaction token error	1 DFHPGLD parameter list

Table 95 (Page 4 of 7). Program manager domain trace entries

Point ID	Module	Lvl	Type	Data
PG 0609	DFHPGLD	Exc	Security check error	1 DFHPGLD parameter list 2 DFHSRC parameter list
PG 060A	DFHPGLD	Exc	Get pglock error	1 DFHPGLD parameter list 2 DFHLMLM parameter list
PG 060B	DFHPGLD	Exc	Recovery release pglock error	1 DFHPGLD parameter list 2 DFHLMLM parameter list
PG 060C	DFHPGLD	Exc	Release pglock error	1 DFHPGLD parameter list 2 DFHLMLM parameter list
PG 060D	DFHPGLD	Exc	Getmain error	1 DFHPGLD parameter list 2 DFHSMGF parameter list
PG 060F	DFHPGLD	Exc	Suspend error	1 DFHPGLD parameter list 2 DFHDSSR parameter list
PG 0610	DFHPGLD	Exc	Acquire program error	1 DFHPGLD parameter list 2 DFHLDDL parameter list
PG 0611	DFHPGLD	Exc	Release program error	1 DFHPGLD parameter list 2 DFHLDDL parameter list
PG 0612	DFHPGLD	Exc	Getmain failure	1 DFHPGLD parameter list 2 DFHSMGF parameter list
PG 0613	DFHPGLD	Exc	Define program error	1 DFHPGLD parameter list 2 DFHLDDL parameter list
PG 0614	DFHPGLD	Exc	Locate_ppte_error	1 DFHPGLD parameter list 2 DFHDDLO parameter list
PG 0700	DFHPGHM	PG 1	Entry	1 DFHPGHM parameter list
PG 0701	DFHPGHM	PG 1	Exit	1 DFHPGHM parameter list
PG 0702	DFHPGHM	Exc	Recovery	1 DFHPGHM parameter list 2 Kernel error data
PG 0704	DFHPGHM	Exc	Invalid function	1 DFHPGHM parameter list
PG 0705	DFHPGHM	Exc	Missing parameter	1 DFHPGHM parameter list
PG 0801	DFHPGXM	PG 1	Entry	1 DFHPGXM parameter list
PG 0802	DFHPGXM	PG 1	Exit	1 DFHPGXM parameter list
PG 0803	DFHPGXM	Exc	Recovery	1 DFHPGXM parameter list 2 Kernel error data
PG 0804	DFHPGXM	Exc	Invalid function	1 DFHPGXM parameter list
PG 0806	DFHPGXM	Exc	Get pglock error	1 DFHPGXM parameter list 2 DFHLMLM parameter list
PG 0807	DFHPGXM	Exc	Recovery release pglock error	1 DFHPGXM parameter list 2 DFHLMLM parameter list
PG 0808	DFHPGXM	Exc	Release pglock error	1 DFHPGXM parameter list 2 DFHLMLM parameter list
PG 0809	DFHPGXM	Exc	Release program error	1 DFHPGXM parameter list 2 DFHLDDL parameter list
PG 0901	DFHPGPG	PG 1	Entry	1 DFHPGPG parameter list
PG 0902	DFHPGPG	PG 1	Exit	1 DFHPGPG parameter list
PG 0903	DFHPGPG	Exc	Recovery	1 DFHPGPG parameter list 2 Kernel error data
PG 0904	DFHPGPG	Exc	Invalid function	1 DFHPGPG parameter list
PG 0905	DFHPGPG	Exc	Invalid Format	1 DFHPGPG parameter list
PG 0909	DFHPGPG	Exc	Inquire transaction token error	1 DFHPGPG parameter list 2 DFHXMIQ parameter list
PG 090D	DFHPGPG	Exc	Set terminal error	1 DFHPGPG parameter list 2 DFHTFIQ parameter list
PG 0911	DFHPGPG	Exc	Clear labels error	1 DFHPGPG parameter list 2 DFHPGHM parameter list
PG 0913	DFHPGPG	Exc	Get pglock error	1 DFHPGPG parameter list 2 DFHLMLM parameter list
PG 0914	DFHPGPG	Exc	Recovery release pglock error	1 DFHPGPG parameter list 2 DFHLMLM parameter list
PG 0915	DFHPGPG	Exc	Release pglock error	1 DFHPGPG parameter list 2 DFHLMLM parameter list
PG 0917	DFHPGPG	Exc	Suspend error	1 DFHPGPG parameter list 2 DFHDSSR parameter list
PG 0918	DFHPGPG	Exc	Acquire program error	1 DFHPGPG parameter list 2 DFHLDDL parameter list
PG 0919	DFHPGPG	Exc	Getmain PGWE error	1 DFHPGPG parameter list 2 DFHSMGF parameter list
PG 091A	DFHPGPG	Exc	Define Program error	1 DFHPGPG parameter list 2 DFHLDDL parameter list
PG 091C	DFHPGPG	Exc	Release program error	1 DFHPGPG parameter list 2 DFHLDDL parameter list
PG 091D	DFHPGPG	Exc	Locate_ppte_error	1 DFHPGPG parameter list 2 DFHDDLO parameter list

PG domain trace points

Table 95 (Page 5 of 7). Program manager domain trace entries				
Point ID	Module	Lvl	Type	Data
PG 0A01	DFHPGLU	PG 1	Entry	1 DFHPGLU parameter list 2 COMMAREA passed to DFHPGLU
PG 0A02	DFHPGLU	PG 1	Exit	1 DFHPGLU parameter list 2 COMMAREA passed to DFHPGLU
PG 0A03	DFHPGLU	Exc	Recovery	1 DFHPGLU parameter list 2 Kernel error data
PG 0A04	DFHPGLU	Exc	Invalid function	1 DFHPGLU parameter list
PG 0A05	DFHPGLU	Exc	Invalid Format	1 DFHPGLU parameter list
PG 0A06	DFHPGLU	Exc	Inquire Transaction token error	1 DFHPGLU parameter list
PG 0A07	DFHPGLU	Exc	Inquire Transaction token error	1 DFHPGLU parameter list
PG 0A08	DFHPGLU	Exc	Clear labels error	1 DFHPGLU parameter list 2 DFHPGHM parameter list
PG 0A0D	DFHPGLU	Exc	Get pglock error	1 DFHPGLU parameter list 2 DFHMLM parameter list
PG 0A0E	DFHPGLU	Exc	Recovery release pglock error	1 DFHPGLU parameter list 2 DFHMLM parameter list
PG 0A0F	DFHPGLU	Exc	Release pglock error	1 DFHPGLU parameter list 2 DFHMLM parameter list
PG 0A11	DFHPGLU	Exc	Suspend error	1 DFHPGLU parameter list 2 DFHDSSR parameter list
PG 0A12	DFHPGLU	Exc	Acquire program error	1 DFHPGLU parameter list 2 DFHLDLD parameter list
PG 0A13	DFHPGLU	Exc	Getmain PGWE error	1 DFHPGLU parameter list 2 DFHSMGF parameter list
PG 0A14	DFHPGLU	Exc	Release program error	1 DFHPGLU parameter list 2 DFHLDLD parameter list
PG 0A15	DFHPGLU	Exc	PG level incorrect	1 DFHPGLU parameter list
PG 0A16	DFHPGLU	Exc	Define Program error	1 DFHPGLU parameter list 2 DFHLDLD parameter list
PG 0A17	DFHPGLU	Exc	Locate_ppte_error	1 DFHPGLU parameter list 2 DFHDDLO parameter list
PG 0B01	DFHPGLK	PG 1	Entry	1 DFHPGLK parameter list
PG 0B02	DFHPGLK	PG 1	Exit	1 DFHPGLK parameter list
PG 0B03	DFHPGLK	Exc	Recovery	1 DFHPGLK parameter list 2 Kernel error data
PG 0B04	DFHPGLK	Exc	Invalid function	1 DFHPGLK parameter list
PG 0B05	DFHPGLK	Exc	Invalid Format	1 DFHPGLK parameter list
PG 0B06	DFHPGLK	Exc	Inquire transaction token error	1 DFHPGLK parameter list
PG 0B07	DFHPGLK	Exc	Inquire transaction token error	1 DFHPGLK parameter list
PG 0B08	DFHPGLK	Exc	PG level incorrect	1 DFHPGLK parameter list
PG 0B09	DFHPGLK	Exc	Clear labels error	1 DFHPGLK parameter list 2 DFHPGHM parameter list
PG 0B0C	DFHPGLK	Exc	Get pglock error	1 DFHPGLK parameter list 2 DFHMLM parameter list
PG 0B0D	DFHPGLK	Exc	Recovery release pglock error	1 DFHPGLK parameter list 2 DFHMLM parameter list
PG 0B0E	DFHPGLK	Exc	Release pglock error	1 DFHPGLK parameter list 2 DFHMLM parameter list
PG 0B10	DFHPGLK	Exc	Suspend error	1 DFHPGLK parameter list 2 DFHDSSR parameter list
PG 0B11	DFHPGLK	Exc	Acquire program error	1 DFHPGLK parameter list 2 DFHLDLD parameter list
PG 0B12	DFHPGLK	Exc	Release program error	1 DFHPGLK parameter list 2 DFHLDLD parameter list
PG 0B13	DFHPGLK	Exc	Getmain PGWE error	1 DFHPGLK parameter list 2 DFHSMGF parameter list
PG 0B14	DFHPGLK	Exc	Define Program error	1 DFHPGLK parameter list 2 DFHLDLD parameter list
PG 0B15	DFHPGLK	Exc	Locate_ppte_error	1 DFHPGLK parameter list 2 DFHDDLO parameter list
PG 0C01	DFHPGEX	PG 1	Entry	1 DFHPGEX parameter list
PG 0C02	DFHPGEX	PG 1	Exit	1 DFHPGEX parameter list
PG 0C03	DFHPGEX	Exc	Recovery	1 DFHPGEX parameter list 2 Kernel error data
PG 0C04	DFHPGEX	Exc	Invalid function	1 DFHPGEX parameter list
PG 0C05	DFHPGDM	Exc	Invalid Format	1 DFHPGEX parameter list
PG 0C06	DFHPGEX	Exc	Getmain error	1 DFHPGEX parameter list 2 DFHSMGF parameter list
PG 0C08	DFHPGEX	Exc	Get pglock error	1 DFHPGEX parameter list 2 DFHMLM parameter list
PG 0C09	DFHPGEX	Exc	Recovery release pglock error	1 DFHPGEX parameter list 2 DFHMLM parameter list

Table 95 (Page 6 of 7). Program manager domain trace entries

Point ID	Module	Lvl	Type	Data
PG 0C10	DFHPGDM	Exc	Define Program error	1 DFHPGEX parameter list 2 DFHLDDL parameter list
PG 0C11	DFHPGDM	Exc	Locate PPTe error	1 DFHPGEX parameter list 2 DFHDDL parameter list
PG 0C0A	DFHPGEX	Exc	Release pglock error	1 DFHPGEX parameter list 2 DFHLMLM parameter list
PG 0C0C	DFHPGEX	Exc	Suspend error	1 DFHPGEX parameter list 2 DFHDSSR parameter list
PG 0C0D	DFHPGEX	Exc	Acquire program error	1 DFHPGEX parameter list 2 DFHLDDL parameter list
PG 0C0E	DFHPGEX	Exc	Getmain PGWE error	1 DFHPGEX parameter list 2 DFHSMGF parameter list
PG 0C0F	DFHPGEX	Exc	Release program error	1 DFHPGEX parameter list 2 DFHLDDL parameter list
PG 0C11	DFHPGEX	Exc	Locate_ppte_error	1 DFHPGEX parameter list on entry 2 DFHPDEX parameter list on exit
PG 0E01	DFHPGAI	PG 2	Entry	1 DFHPGAI parameter list
PG 0E02	DFHPGAI	PG 2	Exit	1 DFHPGAI parameter list
PG 0E03	DFHPGAI	Exc	Recovery	1 DFHPGAI parameter list 2 Kernel error data
PG 0E04	DFHPGAI	Exc	Invalid Function	1 DFHPGAI parameter list
PG 0E05	DFHPGAI	Exc	Invalid Format	1 DFHPGAI parameter list
PG 0E06	DFHPGAI	PG 2	User exit entry	
PG 0E07	DFHPGAI	PG 2	User Exit return	
PG 0E08	DFHPGAI	Exc	Get PGLOCK error	1 DFHPGAI parameter list 2 DFHLMLM parameter list
PG 0E09	DFHPGAI	Exc	Recovery release pglock error	1 DFHPGAI parameter list 2 DFHLMLM parameter list
PG 0E0A	DFHPGAI	Exc	Release pglock error	1 DFHPGAI parameter list 2 DFHLMLM parameter list
PG 0E0B	DFHPGAI	Exc	Getmain failed	1 DFHPGAI parameter list 2 DFHSMGF parameter list
PG 0E0C	DFHPGAI	Exc	Suspend Error	1 DFHPGAI parameter list 2 DFHDSSR parameter list
PG 0E0D	DFHPGAI	Exc	Inquire model error	1 DFHPCAI parameter list 2 DFHLDDL parameter list
PG 0E0E	DFHPGAI	Exc	Locate PPTe error	1 DFHPCAI parameter list 2 DFHDDL parameter list
PG 0E0F	DFHPGAI	Exc	Define_program_error	1 DFHPGAI parameter list 2 DFHPGDD parameter list
PG 0E10	DFHPGAI	Exc	Unknown_urm_error	1 DFHPGAI parameter list 2 DFHPGLU parameter list
PG 0E11	DFHPGAI	Exc	Invalid parameter	1 DFHPGAI parameter list on entry
PG 0F01	DFHPGST	PG 1	Entry	1 DFHSTST parameter list
PG 0F02	DFHPGST	PG 1	Exit	1 DFHSTST parameter list
PG 0F03	DFHPGST	Exc	Recovery	1 DFHSTST parameter list 2 Kernel error data
PG 0F04	DFHPGST	Exc	Invalid function	1 DFHSTST parameter list
PG 0F06	DFHPGST	Exc	Get pglock error	1 DFHSTST parameter list 2 DFHLMLM parameter list
PG 0F07	DFHPGST	Exc	Recovery release pglock error	1 DFHSTST parameter list 2 DFHLMLM parameter list
PG 0F08	DFHPGST	Exc	Release pglock error	1 DFHSTST parameter list 2 DFHLMLM parameter list
PG 1001	DFHPGUE	PG 1	Entry	1 DFHPGUE parameter list
PG 1002	DFHPGUE	PG 1	Exit	1 DFHPGUE parameter list
PG 1003	DFHPGUE	Exc	Recovery	1 DFHPGUE parameter list 2 Kernel error data
PG 1004	DFHPGUE	Exc	Invalid function	1 DFHPGUE parameter list
PG 1005	DFHPGUE	Exc	Invalid format	1 DFHPGUE parameter list
PG 1006	DFHPGUE	Exc	Get_pglock_error	1 DFHPGUE parameter list on entry 2 DFHPGUE parameter list on exit
PG 1007	DFHPGUE	Exc	Recovery release pglock error	1 DFHPGUE parameter list on entry 2 DFHPGUE parameter list on exit
PG 1008	DFHPGUE	Exc	Release pglock error	1 DFHPGUE parameter list on entry 2 DFHPGUE parameter list on exit
PG 1101	DFHPGLE	PG 1	Entry	1 DFHPGLE parameter list
PG 1102	DFHPGLE	PG 1	Exit	1 DFHPGLE parameter list
PG 1103	DFHPGLE	Exc	Recovery	1 DFHPGLE parameter list 2 Kernel error data
PG 1104	DFHPGLE	Exc	Invalid function	1 DFHPGLE parameter list

SM domain trace points

Table 95 (Page 7 of 7). Program manager domain trace entries				
Point ID	Module	Lvl	Type	Data
PG 1108	DFHPGLE	Exc	Inquire access error	1 DFHPGLE parameter list 2 DFHSMR parameter list
PG 1109	DFHPGLE	Exc	Inquire transaction token error	1 DFHPGLE parameter list 2 DFHXMIQ parameter list
PG 110D	DFHPGLE	Exc	Set terminal error	1 DFHPGLE parameter list 2 DFHTFIQ parameter list
PG 1111	DFHPGLE	Exc	Clear labels error	1 DFHPGLE parameter list 2 DFHPGHM parameter list
PG 1112	DFHPGLE	Exc	Security check error	1 DFHPGLE parameter list 2 DFHXSRC parameter list
PG 1113	DFHPGLE	Exc	Get pglock error	1 DFHPGLE parameter list 2 DFHMLM parameter list
PG 1114	DFHPGLE	Exc	Recovery release pglock error	1 DFHPGLE parameter list 2 DFHMLM parameter list
PG 1115	DFHPGLE	Exc	Release pglock error	1 DFHPGLE parameter list 2 DFHMLM parameter list
PG 1117	DFHPGLE	Exc	Suspend error	1 DFHPGLE parameter list 2 DFHDSSR parameter list
PG 1118	DFHPGLE	Exc	Acquire program error	1 DFHPGLE parameter list 2 DFHLDLD parameter list
PG 1119	DFHPGLE	Exc	Getmain PGWE error	1 DFHPGLE parameter list 2 DFHSMGF parameter list
PG 111C	DFHPGLE	Exc	Release program error	1 DFHPGLE parameter list 2 DFHLDLD parameter list
PG 111D	DFHPGLE	Exc	Define Program error	1 DFHPGLE parameter list 2 DFHLDLD parameter list
PG 111E	DFHPGLE	Exc	Locate_ppte_error	1 DFHPGLE parameter list 2 DFHDDLO parameter list
PG 1201	DFHPGRE	PG 1	Entry	1 DFHPGRE parameter list
PG 1202	DFHPGRE	PG 1	Exit	1 DFHPGRE parameter list
PG 1203	DFHPGRE	Exc	Recovery	1 DFHPGRE parameter list 2 Kernel error data
PG 1204	DFHPGRE	Exc	Invalid function	1 DFHPGRE parameter list
PG 1205	DFHPGRE	Exc	Invalid Format	1 DFHPGRE parameter list
PG 1209	DFHPGRE	Exc	Inquire transaction token error	1 DFHPGRE parameter list 2 DFHXMIQ parameter list
PG 120D	DFHPGRE	Exc	Set terminal error	1 DFHPGRE parameter list 2 DFHTFIQ parameter list
PG 120F	DFHPGRE	Exc	Invalid return request	1 DFHPGRE parameter list
PG 1301	DFHPGXE	PG 1	Entry	1 DFHPGXE parameter list
PG 1302	DFHPGXE	PG 1	Exit	1 DFHPGXE parameter list
PG 1303	DFHPGXE	Exc	Recovery	1 DFHPGXE parameter list 2 Kernel error data
PG 1304	DFHPGXE	Exc	Invalid function	1 DFHPGXE parameter list
PG 1308	DFHPGXE	Exc	Inquire access error	1 DFHPGXE parameter list 2 DFHSMR parameter list
PG 1309	DFHPGXE	Exc	Inquire transaction token error	1 DFHPGXE parameter list 2 DFHXMIQ parameter list
PG 130D	DFHPGXE	Exc	Set terminal error	1 DFHPGXE parameter list 2 DFHTFIQ parameter list
PG 1312	DFHPGXE	Exc	Security check error	1 DFHPGXE parameter list 2 DFHXSRC parameter list
PG 1313	DFHPGXE	Exc	Get pglock error	1 DFHPGXE parameter list 2 DFHMLM parameter list
PG 1314	DFHPGXE	Exc	Recovery release pglock error	1 DFHPGXE parameter list 2 DFHMLM parameter list
PG 1315	DFHPGXE	Exc	Release pglock error	1 DFHPGXE parameter list 2 DFHMLM parameter list
PG 1317	DFHPGXE	Exc	Suspend error	1 DFHPGXE parameter list 2 DFHDSSR parameter list
PG 1318	DFHPGXE	Exc	Acquire program error	1 DFHPGXE parameter list 2 DFHLDLD parameter list
PG 1319	DFHPGXE	Exc	Getmain PGWE error	1 DFHPGXE parameter list 2 DFHSMGF parameter list
PG 131C	DFHPGXE	Exc	Release program error	1 DFHPGXE parameter list 2 DFHLDLD parameter list
PG 131D	DFHPGXE	Exc	Define program error	1 DFHPGXE parameter list 2 DFHLDLD parameter list
PG 131E	DFHPGXE	Exc	Locate_ppte_error	1 DFHPGXE parameter list 2 DFHDDLO parameter list

Storage manager domain trace points

Table 96 (Page 1 of 7). Storage manager domain trace points

Point ID	Module	Lvl	Type	Data
SM 0101	DFHSMMDM	SM 1	Entry	1 DMDM parameter list
SM 0102	DFHSMMDM	SM 1	Exit	1 DMDM parameter list
SM 0103	DFHSMMDM	Exc	Recovery	1 DMDM parameter list 2 Kernel error data
SM 0104	DFHSMMDM	Exc	Insufficient VSE storage for SMA	1 DMDM parameter list 2 Storage requested
SM 0109	DFHSMMDM	Exc	Insufficient VSE storage for SCA	1 DMDM parameter list 2 Storage requested
SM 010A	DFHSMMDM	Exc	Insufficient VSE storage for SCQ	1 DMDM parameter list 2 Storage requested
SM 010C	DFHSMMDM	Exc	VSE store clock failure	1 DMDM parameter list
SM 010D	DFHSMMDM	Exc	Insufficient VSE storage for STAB	1 DMDM parameter list 2 Storage requested
SM 010E	DFHSMMDM	Exc	Insufficient storage SMX	1 DMDM parameter list 2 Storage length
SM 010F	DFHSMMDM	Exc	Invalid format	1 DMDM parameter list
SM 0110	DFHSMMDM	Exc	Invalid function	1 DMDM parameter list
SM 0111	DFHSMMDM	Exc	DSALIMIT GETMAIN request failure	1 DMDM parameter list 2 Storage length
SM 0112	DFHSMMDM	Exc	EDSALIMIT GETMAIN request failure	1 DMDM parameter list 2 Storage length
SM 0113	DFHSMMDM	Exc	DSALIMIT default GETMAIN failure	1 DMDM parameter list 2 Storage length
SM 0114	DFHSMMDM	Exc	EDSALIMIT default GETMAIN failure	1 DMDM parameter list 2 Storage length
SM 0115	DFHSMMDM	Exc	SVC call failed	1 SMAF parameter list 2 Kernel error code 3 Kernel error reason
SM 0116	DFHSMMDM	Exc	Insufficient storage for primary DSA extent	1 DFHMDM parameter list 2 DSA_NAME 3 Storage length
SM 0201	DFHSMAD	SM 1	Entry	1 SMAD parameter list
SM 0202	DFHSMAD	SM 1	Exit	1 SMAD parameter list
SM 0203	DFHSMAD	Exc	Recovery	1 SMAD parameter list 2 Kernel error data
SM 0204	DFHSMAD	Exc	Invalid format	1 SMAD parameter list
SM 0205	DFHSMAD	Exc	Invalid function	1 SMAD parameter list
SM 0206	DFHSMAD	Exc	Insufficient VSE storage	1 SMAD parameter list
SM 0207	DFHSMAD	Exc	Subpool not empty	1 SMAD parameter list
SM 0208	DFHSMAD	Exc	Invalid subpool token	1 SMAD parameter list
SM 0301	DFHSMGF	SM 1	Entry	1 SMGF parameter list 2 SCA name
SM 0302	DFHSMGF	SM 1	Exit	1 SMGF parameter list 2 SCA name
SM 0303	DFHSMGF	Exc	Recovery	1 SMGF parameter list 2 Kernel error data
SM 0304	DFHSMGF	Exc	Invalid function	1 SMGF parameter list 2 SCA name
SM 0305	DFHSMGF	Exc	Invalid address	1 SMGF parameter list 2 SCA name
SM 0306	DFHSMGF	Exc	Insufficient VSE storage	1 SMGF parameter list 2 SCA name
SM 030A	DFHSMGF	Exc	Insufficient storage	1 SMGF parameter list 2 SCA name 3 DSA name
SM 030B	DFHSMGF	Exc	Storage zone check fail	1 SMGF parameter list 2 Address of storage element 3 First 16 bytes of storage element 4 Last 16 bytes of storage element
SM 030C	DFHSMGF	Exc	Invalid initial image	1 SMGF parameter list 2 SCA name
SM 030D	DFHSMGF	Exc	Quickcell GETMAIN invalid QPF	1 SMGF parameter list 2 SCA name
SM 030E	DFHSMGF	Exc	Quickcell FREEMAIN invalid QPH	1 SMGF parameter list 2 SCA name
SM 030F	DFHSMGF	Exc	Quickcell FREEMAIN QPF already free	1 SMGF parameter list 2 SCA name
SM 0310	DFHSMGF	Exc	Quickcell FREEMAIN invalid free chain	1 SMGF parameter list 2 SCA name
SM 0311	DFHSMGF	Exc	Invalid storage class GETMAIN	1 SMGF parameter list
SM 0312	DFHSMGF	Exc	Invalid storage class FREEMAIN	1 SMGF parameter list
SM 0313	DFHSMGF	Exc	No transaction environment GETMAIN	1 SMGF parameter list

SM domain trace points

Table 96 (Page 2 of 7). Storage manager domain trace points				
Point ID	Module	Lvl	Type	Data
SM 0314	DFHSMGF	Exc	No transaction environment FREEMAIN	1 SMGF parameter list
SM 0315	DFHSMGF	Exc	Invalid FREEMAIN address stg class	1 SMGF parameter list
SM 0316	DFHSMAD	Exc	Freemain of pages not owned by subpool	1 parameter list
	DFHSMAR			
	DFHSMGF			
	DFHSMMG			
SM 0317	DFHSMAD	Exc	Freemain length overlays next SCF	1 parameter list
	DFHSMAR			
	DFHSMGF			
	DFHSMMG			
SM 0318	DFHSMAD	Exc	Freemain address overlays previous SCF	1 parameter list
	DFHSMAR			
	DFHSMGF			
	DFHSMMG			
SM 0319	DFHSMGF	Exc	Stg violation PCT increment failure	1 SMGF parameter list
SM 031A	DFHSMGF	Exc	Failed to increment TCTTE storage violation count	1 SMGF parameter list
SM 031C	DFHSMGF	SM 1	EXIT - storage freeze active	1 SMGF parameter list
				2 Element address
SM 031D	DFHSMGF	Exc	Quickcell Freemain QPF SCAP contains SCAP	1 SMGF parameter list
				2 SCA name
				3 Address of storage element
				4 Storage element
SM 0401	DFHMSMR	SM 1	Entry	1 SMSR parameter list
SM 0402	DFHMSMR	SM 1	Exit	1 SMSR parameter list
SM 0403	DFHMSMR	Exc	Recovery	1 SMSR parameter list
				2 Kernel error data
SM 0404	DFHMSMR	Exc	Invalid format	1 SMSR parameter list
SM 0405	DFHMSMR	Exc	Invalid function	1 SMSR parameter list
SM 0406	DFHMSMR	Exc	Lock error	1 SMSR parameter list
SM 0407	DFHMSMR	Exc	Unlock error	1 SMSR parameter list
SM 0601	DFHSMCI	SM 1	Entry	1 SMMC parameter list
SM 0602	DFHSMCI	SM 1	Exit	1 SMMC parameter list
SM 0603	DFHSMCI	Exc	Recovery	1 SMMC parameter list
				2 Kernel error data
SM 0801	DFHMSY	SM 1	Entry	1 DSAT parameter list
SM 0802	DFHMSY	SM 1	Exit	1 DSAT parameter list
SM 0803	DFHMSY	Exc	Recovery	1 DSAT parameter list
				2 Kernel error data
SM 0804	DFHMSY	Exc	Invalid format	1 DSAT parameter list
SM 0805	DFHMSY	Exc	Invalid function	1 DSAT parameter list
SM 0808	DFHMSY	SM 1	Before SM system task suspend	
SM 0809	DFHMSY	SM 1	After SM system task resume	
SM 080A	DFHMSY	Exc	Short on storage in named DSA	1 DSA name (CDSA, UDSA, SDSA, RDSA, ESDSA, ECDSA, EUDSA, ERDSA)
				2 Number of free bytes in this DSA
				3 Number of cushion bytes in this DSA
				4 Number of tasks suspended for storage in this DSA
SM 080B	DFHMSY	Exc	No longer short on storage in named DSA	1 DSA name (CDSA, UDSA, SDSA, RDSA, ESDSA, ECDSA, EUDSA, ERDSA)
				2 Number of free bytes in this DSA
				3 Number of cushion bytes in this DSA
				4 Number of tasks suspended for storage in this DSA
SM 0901	DFHSMCK	SM 1	Entry	1 SMCK parameter list
SM 0902	DFHSMCK	SM 1	Exit	1 SMCK parameter list
SM 0903	DFHSMCK	Exc	Recovery	1 SMCK parameter list
				2 Kernel error data
SM 0904	DFHSMCK	Exc	Invalid format	1 SMCK parameter list
SM 0905	DFHSMCK	Exc	Invalid function	1 SMCK parameter list
SM 0906	DFHSMCK	Exc	Lock error	1 SMCK parameter list
SM 0907	DFHSMCK	Exc	Unlock error	1 SMCK parameter list
SM 090A	DFHSMCK	Exc	SAA check failed for TP storage	1 SMCK parameter list
				2 Address of storage element
				3 First 16 bytes of storage element
				4 Last 16 bytes of storage element
SM 0910	DFHSMCK	Exc	SAA address not on 8-byte boundary	1 Parameter list
				2 Subpool name
				3 SAA address
SM 0911	DFHSMCK	Exc	SAA address not in DSA	1 Parameter list
				2 Subpool name
				3 SAA address

Table 96 (Page 3 of 7). Storage manager domain trace points

Point ID	Module	Lvl	Type	Data
SM 0912	DFHSMCK	Exc	SAA address not in page owned by subpool	1 Parameter list 2 Subpool name 3 SAA address
SM 0913	DFHSMCK	Exc	Length in SAA is zero	1 SMCK parameter list 2 Storage address 3 First 16 bytes of Storage
SM 0914	DFHSMCK	Exc	Length in SAA not multiple of 8	1 SMCK parameter list 2 Storage address 3 First 16 bytes of Storage
SM 0915	DFHSMCK	Exc	Duplicated SAA not in DSA	1 SMCK parameter list 2 Storage address 3 First 16 bytes of Storage
SM 0916	DFHSMCK	Exc	Length in SAA invalid	1 SMCK parameter list 2 Storage address 3 First 16 bytes of Storage
SM 0917	DFHSMCK	Exc	Storage class in SAA invalid	1 SMCK parameter list 2 Storage address 3 First 16 bytes of Storage
SM 0930	DFHSMCK	Exc	SAA recovered	1 SMCK parameter list 2 Initial SAA before recovery 3 Doubleword of storage following initial SAA 4 Doubleword of storage preceding duplicate SAA 5 Duplicate SAA before recovery 6 Initial SAA after recovery 7 Duplicate SAA after recovery
SM 0931	DFHSMCK	Exc	SAA In TCTTE recovered	1 SMCK parameter list 2 Address of TCTTE 3 TCTTETI 4 TIOA chain header before recovery 5 TIOA chain header after recovery
SM 0932	DFHSMCK	Exc	Storage zone check failed	1 SMCK parameter list 2 Subpool name 3 Address of storage 4 First 128 bytes of storage element 5 Last 16 bytes of storage element
SM 0933	DFHSMCK	Exc	Loop in TIOA chain	1 SMCK parameter list
SM 0934	DFHSMCK	Exc	Storage check zones recovered	1 SMCK parameter list 2 Leading check zone before recovery 3 First 8 bytes of storage element 4 Last 8 bytes of storage element 5 Trailing check zone before recovery 6 Leading check zone after recovery 7 Trailing check zone after recovery
SM 0935	DFHSMCK	Exc	Storage violation PCT increment failure	1 SMCK parameter list
SM 0936	DFHSMCK	Exc	Storage violation TCT increment failure	1 SMCK parameter list
SM 0A01	DFHSMST	SM 1	Entry	1 STST parameter list
SM 0A02	DFHSMST	SM 1	Exit	1 STST parameter list
SM 0A03	DFHSMST	Exc	Recovery	1 STST parameter list 2 Kernel error data
SM 0A04	DFHSMST	Exc	Invalid format	1 STST parameter list
SM 0A05	DFHSMST	Exc	Invalid function	1 STST parameter list
SM 0A06	DFHSMST	Exc	Invalid parameters	1 STST parameter list
SM 0A07	DFHSMST	Exc	Lock error	1 STST parameter list
SM 0A08	DFHSMST	Exc	Unlock error	1 STST parameter list
SM 0A09	DFHSMST	Exc	Invalid buffer	1 STST parameter list
SM 0C01	DFHSMMG	SM 1	Entry	1 SMMG parameter list
SM 0C02	DFHSMMG	SM 1	Exit	1 SMMG parameter list
SM 0C03	DFHSMMG	Exc	Recovery	1 SMMG parameter list 2 Kernel error data
SM 0C04	DFHSMMG	Exc	Invalid TCTTE_ADDRESS parm	1 SMMG parameter list
SM 0C05	DFHSMMG	Exc	Invalid STORAGE_CLASS parm	1 SMMG parameter list
SM 0C06	DFHSMMG	Exc	Invalid length for CICS24 storage	1 SMMG parameter list
SM 0C08	DFHSMMG	Exc	Invalid length for SHARED_CICS24	1 SMMG parameter list
SM 0C09	DFHSMMG	Exc	Invalid length for TP storage	1 SMMG parameter list
SM 0C0A	DFHSMMG	Exc	VSE GETMAIN failed	1 SMMG parameter list
SM 0C0B	DFHSMMG	Exc	Invalid length for USER24 storage	1 SMMG parameter list
SM 0C0C	DFHSMMG	Exc	Insufficient storage to satisfy request	1 SMMG parameter list 2 SCA name 3 DSA name
SM 0C0E	DFHSMMG	Exc	Invalid length for USER storage	1 SMMG parameter list
SM 0C11	DFHSMMG	Exc	Invalid length for SHARED_USER24	1 SMMG parameter list
SM 0C12	DFHSMMG	Exc	Invalid length for SHARED_USER	1 SMMG parameter list

SM domain trace points

Table 96 (Page 4 of 7). Storage manager domain trace points				
Point ID	Module	Lvl	Type	Data
SM 0C13	DFHSMMG	Exc	Function is not GETMAIN	1 SMMG parameter list
SM 0C14	DFHSMMG	Exc	Invalid length for CICS storage	1 SMMG parameter list
SM 0C15	DFHSMMG	Exc	Invalid length for SHARED_CICS storage	1 SMMG parameter list
SM 0C16	DFHSMMG	Exc	Invalid length for TASK storage	1 SMMG parameter list
SM 0C17	DFHSMMG	Exc	Invalid length for TASK24 storage	1 SMMG parameter list
SM 0C18	DFHSMMG	Exc	Invalid length for CICS24_SAA storage	1 SMMG parameter list
SM 0C19	DFHSMMG	Exc	Invalid length for SHARED_CICS24_SAA storage	1 SMMG parameter list
SM 0C1A	DFHSMMG	Exc	No transaction environment FREEMAIN	1 SMMC parameter list
SM 0D01	DFHSMMF	SM 1	Entry	1 SMMF parameter list
SM 0D02	DFHSMMF	SM 1	Exit	1 SMMF parameter list
				2 Storage class
				3 First 8 bytes of storage element
SM 0D03	DFHSMMF	Exc	Recovery	1 SMMF parameter list
				2 Kernal error data
				3 TPE SAA
SM 0D05	DFHSMMF	Exc	SAA check failed during FREEMAIN of Terminal Storage	1 SMMF parameter list
				2 Storage address
				3 Up to the first 128 bytes of the storage
				4 Last 16 bytes of the storage
SM 0D06	DFHSMMF	Exc	FREEMAIN address not multiple of 8	1 SMMF parameter list
SM 0D07	DFHSMMF	Exc	FREEMAIN address out of range	1 SMMF parameter list
SM 0D08	DFHSMMF	Exc	Invalid FREEMAIN address	1 SMMF parameter list
SM 0D09	DFHSMMF	Exc	TCTTE_ADDRESS not supplied	1 SMMF parameter list
SM 0D0A	DFHSMMF	Exc	TERMINAL storage address not found	1 SMMF parameter list
SM 0D0C	DFHSMMF	Exc	Invalid FREEMAIN address	1 SMMF parameter list
SM 0D0D	DFHSMMF	Exc	VSE GETMAIN failed	1 SMMF parameter list
SM 0D10	DFHSMMF	Exc	Not FREEMAIN function	1 SMMF parameter list
SM 0D11	DFHSMMF	Exc	Storage Zone check failure	1 SMMF parameter list
				2 Storage address
				3 Up to the first 128 bytes of the storage
				4 Last 16 bytes of the storage
SM 0D12	DFHSMMF	Exc	Invalid exec key	1 SMMF parameter list
SM 0D13	DFHSMMF	Exc	Storage is not owned by Subpool	1 SMMF parameter list
SM 0D14	DFHSMMF	Exc	Freemain length overlays next SCF	1 SMMF parameter list
SM 0D15	DFHSMMF	Exc	Freemain address overlays previous SCF	1 SMMF parameter list
SM 0D16	DFHSMMF	Exc	Stg violation PCT increment failure	1 SMMC parameter list
SM 0D17	DFHSMMF	Exc	Stg violation TCT increment failure	1 SMMC parameter list
SM 0D18	DFHSMMF	Exc	No transaction environment FREEMAIN	1 SMMC parameter list
SM 0D19	DFHSMMF	SM 1	EXIT - storage freeze active	1 SMMC parameter list
				2 Element address
				3 Storage class
SM 0E01	DFHSMMC2	SM 1	Entry	1 SMMC2 parameter list
SM 0E02	DFHSMMC2	SM 1	Exit	1 SMMC2 parameter list
SM 0E03	DFHSMMC2	Exc	Recovery	1 SMMC2 parameter list
				2 Kernal error data
				3 Address of previous SAA
SM 0E04	DFHSMMC2	Exc	Invalid function	1 SMMC2 parameter list
SM 0E05	DFHSMMC2	Exc	FREEMAIN element	1 Address of storage
				2 Class of storage
				3 First 8 bytes of storage
SM 0E06	DFHSMMC2	Exc	Invalid storage element for TP storage	1 SMMC2 parameter list
				2 Storage address
				3 Up to the first 128 bytes of storage
				4 Last 16 bytes of storage
SM 0E08	DFHSMMC2	Exc	VSE GETMAIN failed	1 SMMC2 parameter list
SM 0E0A	DFHSMMC2	Exc	Invalid address passed to FREEMAIN subroutine	1 SMMC2 parameter list
SM 0E0B	DFHSMMC2	Exc	Storage zone check failed	1 SMMC parameter list
				2 Address of storage element
				3 First 16 bytes of storage element
				4 Last 16 bytes of storage element
SM 0E0D	DFHSMMC	Exc	Freemain of pages not owned by subpool	1 SMMC2 parameter list
SM 0E0E	DFHSMMC	Exc	Freemain length overlays next SCF	1 SMMC2 parameter list
SM 0E0F	DFHSMMC	Exc	Freemain address overlays previous SCF	1 SMMC2 parameter list
SM 0E10	DFHSMMC2	Exc	Stg violation PCT increment failure	1 SMMC parameter list
SM 0E11	DFHSMMC2	Exc	Stg violation TCT increment failure	1 SMMC parameter list
SM 0E12	DFHSMMC2	Exc	No Transaction environment	1 SMMC2 parameter list
SM 0F01	DFHSMAR	Exc	Entry	1 SMAR parameter list
SM 0F02	DFHSMAR	SM 1	Exit	1 SMAR parameter list
				2 SMX address
				3 SMX contents
SM 0F03	DFHSMAR	Exc	Recovery	1 SMAR parameter list
				2 Kernel error data

Table 96 (Page 5 of 7). Storage manager domain trace points

Point ID	Module	Lvl	Type	Data
SM 0F04	DFHSMAR	Exc	Invalid format	1 SMAR parameter list
SM 0F05	DFHSMAR	Exc	Invalid function	1 SMAR parameter list
SM 0F06	DFHSMAR	Exc	XMIQ call failed (set_transaction_token)	1 SMAR parameter list
SM 0F07	DFHSMAR	Exc	XMIQ call failed (inquire_transaction)	1 SMAR parameter list
SM 0F08	DFHSMAR	Exc	XMIQ call failed (inquire_transaction_token)	1 SMAR parameter list
SM 0F09	DFHSMAR	Exc	Insufficient storage for SCAs	1 SMAR parameter list
SM 0F0A	DFHSMAR	Exc	Insufficient storage for SCQs	1 SMAR parameter list
SM 0F0B	DFHSMAR	Exc	Insufficient storage for SMXs	1 SMAR parameter list
SM 0F0C	DFHSMAR	Exc	Storage check failure	1 SMAR parameter list 2 Storage address 3 First 16 bytes 4 Last 16 bytes
SM 0F0D	DFHSMAR	SM 1	FREEMAIN storage element	1 Storage address 2 Storage class 3 First double word
SM 0F0E	DFHSMAR	Exc	Storage violation (PCT increment failure)	1 SMAR parameter list
SM 0F0F	DFHSMAR	Exc	Storage violation (TCTTE increment failure)	1 SMAR parameter list
SM 1001	DFHMSMQ	SM 1	Entry	1 SMSQ parameter list
SM 1002	DFHMSMQ	SM 1	Exit	1 SMSQ parameter list
SM 1003	DFHMSMQ	Exc	Recovery	1 SMSQ parameter list 2 Kernel error data
SM 1004	DFHMSMQ	Exc	Invalid format	1 SMSQ parameter list
SM 1005	DFHMSMQ	Exc	Invalid function	1 SMSQ parameter list
SM 1006	DFHMSMQ	Exc	Inquire suspend failure (DSSR)	1 SMSQ parameter list
SM 1007	DFHMSMQ	Exc	Pre-suspend for storage	1 SMSQ parameter list 2 SQE
SM 1008	DFHMSMQ	Exc	Post suspend for storage	1 SMSQ parameter list 2 SPE
SM 1009	DFHMSMQ	Exc	GETMAIN failure for SQE	1 SMSQ parameter list
SM 1101	DFHSMPP	SM 2	Entry	1 SMPP parameter list
SM 1102	DFHSMPP	SM 2	Exit	1 SMPP parameter list
SM 1103	DFHSMPP	Exc	Recovery	1 SMPP parameter list 2 Kernel error data
SM 1104	DFHSMPP	Exc	Invalid format	1 SMPP parameter list
SM 1105	DFHSMPP	Exc	Invalid function	1 SMPP parameter list
SM 1106	DFHSMPP	Exc	Insufficient storage for PPA	1 SMPP parameter list
SM 1107	DFHSMPP	Exc	Insufficient storage for PPX	1 SMPP parameter list
SM 1109	DFHSMPP	Exc	Insufficient storage for SAT	1 SMPP parameter list
SM 110D	DFHSMPP	Exc	Insufficient storage for CTN	1 SMPP parameter list
SM 110E	DFHSMPP	SM 2	Delete empty extent	1 DSA name 2 PPX address 3 Extent start address 4 Extent end address
SM 110F	DFHSMPP	SM 2	Before SVC call	1 SMAF parameter list
SM 1110	DFHSMPP	SM 2	After SVC call	1 SMAF parameter list
SM 1111	DFHSMPP	Exc	Freemain DSALIMIT storage failed	1 SMPP parameter list
SM 1112	DFHSMPP	Exc	SVC call failed	1 SMAF parameter list
SM 1113	DFHSMPP	Exc	Allocate DSA extent failed	1 SMPP parameter list
SM 1201	DFHSMPQ	SM 2	Entry	1 SMPQ parameter list
SM 1202	DFHSMPQ	SM 2	Exit	1 SMPQ parameter list
SM 1203	DFHSMPQ	Exc	Recovery	1 SMQP parameter list 2 Kernel error data
SM 1204	DFHSMPQ	Exc	Invalid format for SAT	1 SMPQ parameter list
SM 1205	DFHSMPQ	Exc	Invalid function for SAT	1 SMPQ parameter list
SM 1206	DFHSMPQ	Exc	Insufficient storage for request	1 SMPQ parameter list 2 Subpool name 3 DSA name
SM 1207	DFHSMPQ	Exc	Invalid address	1 SMPQ parameter list
SM 1208	DFHSMPQ	Exc	Insufficient storage for CTN	1 SMPQ parameter list
SM 1209	DFHSMPQ	SM 2	Before SVC call	1 SMAF parameter list
SM 120A	DFHSMPQ	SM 2	After SVC call	1 SMAF parameter list
SM 120B	DFHSMPQ	Exc	SVC call failed	1 SMPQ parameter list
SM 3001	DFHMSU	SM 2	Entry	1 SMSU parameter list
SM 3002	DFHMSU	SM 2	Exit	1 SMSU parameter list
SM 3003	DFHMSU	Exc	Recovery	1 SMSU parameter list 2 Kernel error data
SM 3004	DFHMSU	Exc	Invalid function	1 SMSU parameter list
SM 3005	DFHMSU	Exc	Change mode to QR TCB failed	1 SMSU parameter list
SM 3006	DFHMSU	Exc	GETMAIN failed	1 SMSU parameter list
SM 3007	DFHMSU	Exc	ALESERV add to DU-AL failed	1 SMSU parameter list
SM 3008	DFHMSU	Exc	Wrong TCB for an allocate	1 SMSU parameter list

SM domain trace points

Table 96 (Page 6 of 7). Storage manager domain trace points				
Point ID	Module	Lvl	Type	Data
SM 3009	DFHSMSU	SM 2	Create Subspace - Before SVC	1 SMAF parameter list 2 SUA address 3 SUA
SM 300A	DFHSMSU	SM 2	Create Subspace - After SVC	1 SMAF parameter list 2 SUA address 3 SUA
SM 300B	DFHSMSU	SM 2	Create subspace failed	1 SMAF parameter list 2 SUA address 3 SUA
SM 300C	DFHSMSU	Exc	Wrong TCB for delete	1 SMSU parameter list
SM 300D	DFHSMSU	SM 2	Delete Subspace - Before SVC	1 SMAF parameter list 2 SUA address 3 SUA
SM 300E	DFHSMSU	SM 2	Delete Subspace - After SVC	1 SMAF parameter list 2 SUA address 3 SUA
SM 300F	DFHSMSU	SM 2	Delete subspace failed	1 SMAF parameter list 2 SUA address 3 SUA
SM 3010	DFHSMSU	Exc	Size not multiple Mbytes	1 SMSU parameter list
SM 3011	DFHSMSU	Exc	IARSUBSP assign error	1 Return code 2 Reason code 3 Page address 4 Number of pages 5 SUA address 6 SUA
SM 3012	DFHSMSU	Exc	Bad alignment for element	1 SMSU parameter list
SM 3013	DFHSMSU	Exc	Invalid Input space	1 SMSU parameter list
SM 3014	DFHSMSU	Exc	ALESERV add failed	1 SMSU parameter list
SM 3016	DFHSMSU	Exc	Delete token from QR DU-AL failed	1 SMSU parameter list
SM 3018	DFHSMSU	Exc	About to steal ALET	1 SUA stealing ALET 2 SUA having ALET stolen
SM 3019	DFHSMSU	Exc	IARSUBSP unassign error	1 Return code 2 Reason code 3 Page address 4 Number of pages 5 SUA address 6 SUA
SM 301B	DFHSMSU	Exc	Invalid format	1 SMSU parameter list
SM 301C	DFHSMSU	SM 2	Before IARSUBSP Assign	1 Page Address 2 Number of pages 3 SUA address 4 SUA
SM 301D	DFHSMSU	SM 2	After IARSUBSP Assign	1 Return code 2 SUA address 3 SUA
SM 301E	DFHSMSU	SM 2	Before IARSUBSP Unassign	1 Page Address 2 Number of pages 3 SUA address 4 SUA
SM 301F	DFHSMSU	SM 2	After IARSUBSP Unassign	1 Return code 2 SUA address 3 SUA
SM 3020	DFHSMSU	Exc	Change mode from QR TCB failed	1 SMSU parameter list
SM 3021	DFHSMSU	Exc	Wrong TCB for a release	1 SMSU parameter list
SM 3022	DFHSMSU	Exc	Assign SVC abended	1 SMAF parameter list 2 Kernal error code 3 Kernal reason code 4 SUA address 5 SUA
SM 3023	DFHSMSU	Exc	Unassign SVC abended	1 SMAF parameter list 2 Kernal error code 3 Kernal reason code 4 SUA address 5 SUA
SM 3025	DFHSMSU	Exc	No ALET to steal	1 SMSU parameter list
SM 3026	DFHSMSU	Exc	SVC call failed	1 SMAF parameter list 2 Kernal error code 3 Kernal reason code 4 SUA address 5 SUA
SM F101	DFHSMSCP	SM 1	Entry	1 SM overlay for TCA

Table 96 (Page 7 of 7). Storage manager domain trace points

Point ID	Module	Lvl	Type	Data
SM F102	DFHSMSCP	SM 1	Exit	1 SM overlay for TCA on entry 2 SM overlay for TCA on exit
SM F104	DFHSMSCP	Exc	Invalid request	1 SM overlay for TCA

Statistics domain trace points

Table 97 (Page 1 of 2). Statistics domain trace points

Point ID	Module	Lvl	Type	Data
ST 0001	DFHSTDM	ST 1	Entry	1 DMDM parameter list
ST 0002	DFHSTDM	ST 1	Exit	1 DMDM parameter list
ST 0003	DFHSTST	ST 1	Entry	1 STST parameter list
ST 0004	DFHSTST	ST 1	Exit	1 STST parameter list
ST 0005	DFHSTTI	ST 1	Entry	1 TISR parameter list
ST 0006	DFHSTTI	ST 1	Exit	1 TISR parameter list
ST 0007	DFHSTUE	ST 1	Entry	1 APUE parameter list
ST 0008	DFHSTUE	ST 1	Exit	1 APUE parameter list
ST 000E	DFHSTST	ST 1	DMF call	
ST 000F	DFHSTST	ST 1	DMF return	
ST 0010	DFHSTST	ST 2	DMF call	1 SAFPB 2 SMF record
ST 0011	DFHSTST	ST 2	DMF return	1 SAFPB 2 DMF record
ST 0012	DFHSTST	ST 2	Statistics record to be written to DMF	1 Statistics record
ST 0020	DFHSTDM	Exc	Recovery	1 DMDM parameter list 2 Kernel error data
ST 0021	DFHSTST	Exc	Recovery	1 STST parameter list 2 Kernel error data
ST 0022	DFHSTTI	Exc	Recovery	1 TISR parameter list 2 Kernel error data
ST 0023	DFHSTUE	Exc	Recovery	1 APUE parameter list 2 Kernel error data
ST 0024	DFHSTDM	Exc	Inquire start error	1 PAGP parameter list
ST 0025	DFHSTDM	Exc	Add subpool error	1 SMAD parameter list
ST 0026	DFHSTDM	Exc	Already initialized	1 DMDM parameter list 2 Anchor block
ST 0027	DFHSTDM	Exc	Catalog get error	1 CCCC parameter list
ST 0028	DFHSTDM	Exc	Catalog write error	1 CCCC parameter list
ST 0029	DFHSTDM	Exc	Delete lock error	1 LMLM parameter list
ST 002A	DFHSTDM	Exc	GETMAIN request failed	1 SMGF parameter list
ST 002B	DFHSTDM	Exc	GETMAIN request failed	1 SMGF parameter list
ST 002C	DFHSTDM	Exc	GETMAIN request failed	1 SMGF parameter list
ST 002D	DFHSTDM	Exc	GETMAIN request failed	1 SMGF parameter list
ST 002E	DFHSTDM	Exc	Invalid format	1 DMDM parameter list
ST 002F	DFHSTDM	Exc	Invalid function	1 DMDM parameter list
ST 0030	DFHSTDM	Exc	Notify TOD error	1 TISR parameter list
ST 0032	DFHSTDM	Exc	Quiesce error—statistics domain not initialized	1 DMDM parameter list 2 Anchor block
ST 0033	DFHSTDM	Exc	Store clock error	
ST 0034	DFHSTDM	Exc	Wait phase error	1 DMDM parameter list
ST 0035	DFHSTDM	Exc	Unlock error	1 LMLM parameter list
ST 0036	DFHSTDM	Exc	Wait phase error	1 DMDM parameter list
ST 0037	DFHSTDM	Exc	Wait phase error	1 DMDM parameter list
ST 0038	DFHSTDM	Exc	Wait phase error	1 DMDM parameter list
ST 0039	DFHSTDM	Exc	Lock error	1 LMLM parameter list
ST 003A	DFHSTUE	Exc	Invalid exit point	1 APUE parameter list
ST 003B	DFHSTUE	Exc	Invalid format	1 APUE parameter list
ST 003C	DFHSTUE	Exc	Invalid function	1 APUE parameter list
ST 003D	DFHSTUE	Exc	Lock error	1 LMLM parameter list
ST 003E	DFHSTUE	Exc	Unlock error	1 LMLM parameter list
ST 0040	DFHSTTI	Exc	Invalid format	1 TISR parameter list
ST 0041	DFHSTTI	Exc	Invalid function	1 TISR parameter list
ST 0042	DFHSTTI	Exc	Lock error	1 LMLM parameter list
ST 0043	DFHSTTI	Exc	Unlock error	1 LMLM parameter list
ST 0044	DFHSTTI	Exc	Unlock error	1 LMLM parameter list
ST 0046	DFHSTST	Exc	Cancel request notify error	1 TISR parameter list
ST 0047	DFHSTST	Exc	Cancel request notify error	1 TISR parameter list
ST 0048	DFHSTST	Exc	Cancel request notify error	1 TISR parameter list
ST 0049	DFHSTST	Exc	Cancel request notify error	1 TISR parameter list
ST 004A	DFHSTST	Exc	Cancel request notify error	1 TISR parameter list

TI domain trace points • TR domain trace points

<i>Table 97 (Page 2 of 2). Statistics domain trace points</i>				
Point ID	Module	Lvl	Type	Data
ST 004B	DFHSTST	Exc	Cancel request notify error	1 TISR parameter list
ST 004C	DFHSTST	Exc	Catalog write failure	1 CCCC parameter list
ST 004D	DFHSTST	Exc	Collect statistics error	1 STST parameter list
ST 004E	DFHSTST	Exc	Invalid collect option	1 STST parameter list
ST 004F	DFHSTST	Exc	Invalid data format	1 STST parameter list
ST 0050	DFHSTST	Exc	Invalid EOD	1 STST parameter list
ST 0051	DFHSTST	Exc	Invalid format	1 STST parameter list
ST 0052	DFHSTST	Exc	Invalid function	1 STST parameter list
ST 0053	DFHSTST	Exc	Invalid interval	1 STST parameter list
ST 0054	DFHSTST	Exc	Invalid request	1 STST parameter list
ST 0055	DFHSTST	Exc	Invoke user exit error	1 APEX parameter list
ST 0056	DFHSTST	Exc	Invoke user exit error	1 APEX parameter list
ST 0057	DFHSTST	Exc	Global lock error	1 LMLM parameter list
ST 0058	DFHSTST	Exc	Notify TOD error	1 TISR parameter list
ST 0059	DFHSTST	Exc	DMF error	1 SAFPB 2 SMF record
ST 005A	DFHSTST	Exc	Store clock error	
ST 005B	DFHSTST	Exc	Store clock error	
ST 005C	DFHSTST	Exc	Store clock error	
ST 005D	DFHSTST	Exc	Global unlock error	1 LMLM parameter list
ST 005E	DFHSTST	Exc	Unlock error	1 LMLM parameter list
ST 005F	DFHSTST	Exc	User exit purge error	1 APEX parameter list
ST 0060	DFHSTST	Exc	Cancel request notify error	1 TISR parameter list
ST 0061	DFHSTST	Exc	Store clock error	
ST 0062	DFHSTST	Exc	Invalid reset request	1 STST parameter list
ST 0063	DFHSTST	Exc	Invalid use of RECORDNOW or RESETNOW	1 STST parameter list
ST 0064	DFHSTST	Exc	Cancel request, notify error	1 TISR parameter list
ST 0065	DFHSTST	Exc	GETMAIN request failed for USS buffer	1 SMGF parameter list
ST 0066	DFHSTST	Exc	FREEMAIN request failed for USS buffer	1 SMGF parameter list
ST 0067	DFHSTST	Exc	USS lock error	1 LMLM parameter list
ST 0068	DFHSTST	Exc	Invoke user exit error while processing USS chain	1 APEX parameter list
ST 0069	DFHSTST	Exc	USS unlock error	1 LMLM parameter list
ST 0070	DFHSTST	Exc	Parameter manager GET PARAMETERS call failed	1 PAGP parameter list

Timer domain trace points

<i>Table 98. Timer domain trace points</i>				
Point ID	Module	Lvl	Type	Data
TI 0001	DFHTIDM	TI 1	Entry	1 DMDM parameter list
TI 0002	DFHTIDM	TI 1	Exit	1 DMDM parameter list
TI 0050	DFHTIDM	Exc	Invalid domain call	1 DMDM parameter list
TI 0051	DFHTIDM	Exc	Invalid format number	1 DMDM parameter list
TI 0060	DFHTIDM	Exc	Recovery	1 DMDM parameter list
TI 0100	DFHTISR	TI 1	Entry	2 Kernel error data 1 TISR, KETI, or DSAT parameter list
TI 0101	DFHTISR	TI 1	Exit	1 TISR, KETI, or DSAT parameter list
TI 0150	DFHTISR	Exc	Invalid domain call	1 TISR, KETI, or DSAT parameter list
TI 0151	DFHTISR	Exc	Invalid format number	1 TISR, KETI, or DSAT parameter list
TI 0152	DFHTISR	Exc	Invalid interval	1 TISR parameter list
TI 0153	DFHTISR	Exc	Invalid Token	1 TISR parameter list
TI 0154	DFHTISR	Exc	Input TOD too late	2 Kernel error data 1 TISR parameter list
TI 0160	DFHTISR	Exc	Recovery	1 TISR parameter list
TI 0161	DFHTISR	Exc	Store clock error	2 Kernel error data 1 TISR, KETI, or DSAT parameter list
TI 0162	DFHTISR	Exc	Unable to attach task	2 Store clock value 1 DSAT parameter list 2 Timer request element

Trace domain trace points

<i>Table 99 (Page 1 of 2). Trace domain trace points</i>				
Point ID	Module	Lvl	Type	Data
TR 0001	DFHTRDM	TR 1	Entry	1 DMDM parameter list
TR 0002	DFHTRDM	TR 1	Exit	1 DMDM parameter list

Point ID	Module	Lvl	Type	Data
TR 0003	DFHTRDM	Exc	Recovery	1 DMDM parameter list 2 Kernel error data
TR 0004	DFHTRDM	Exc	DFHTRAP activation failed	1 DMDM parameter list 2 TRSR parameter list
TR 0101	DFHTRPT	Exc	Overlength entry	1 Calling domain index 2 TRPT parameter list
TR 0102	DFHTRPT	Exc	Bad data passed	1 Calling domain index 2 TRPT parameter list 3 Kernel error data
TR 0103	DFHTRPT	n/a	DFHTRAP requested entry	1 User specified data 2 User specified data 3 User specified data
TR 0201	DFHTRSR	TR 1	Entry	1 TRSR or KETI parameter list
TR 0202	DFHTRSR	TR 1	Exit	1 TRSR or KETI parameter list
TR 0203 ¹	DFHTRSR	Exc	Recovery	1 TRSR parameter list 2 Kernel error data
TR 0204	DFHTRSR	Exc	Invalid function	1 TRSR or KETI parameter list
TR 0205	DFHTRSR	Exc	Aux open failed	1 TRSR parameter list 2 TR anchor block 3 DCB
TR 0206	DFHTRSR	Exc	Aux buffer GETMAIN failed	1 TRSR parameter list
TR 0207	DFHTRSR	Exc	DFHTRAO load failed	1 TRSR parameter list
TR 0208	DFHTRSR	Exc	Invalid autoswitch status	1 TRSR parameter list
TR 0209	DFHTRSR	Exc	Table size increase failed	1 TRSR parameter list
TR 0220	DFHTRSR	TR 1	Before aux buffer GETMAIN	
TR 0221	DFHTRSR	TR 1	After aux buffer GETMAIN	1 GETMAIN return code 2 Address of aux buffer
TR 0230	DFHTRSR		TR time reset	1 New time base
TR 0301	DFHTRSU	TR 1	Entry	1 TRSU parameter list
TR 0302	DFHTRSU	TR 1	Exit	1 TRSU parameter list
TR 0304	DFHTRSU	Exc	GETMAIN failed	1 TRSU parameter list
TR 0401	DFHTRFT	Exc	Overlength entry	1 TRFT parameter list
TR 0402	DFHTRFT	Exc	Bad data passed	1 TRFT parameter list 2 Kernel error data
TR 0403	DFHTRFT	Exc	Extra Trace entry requested	1 First extra data field 2 Optional second extra data field 3 Optional third extra data field
TR 0404	DFHTRFT	Exc	Invalid Feature Code	1 TRFT parameter list
TR 0405	DFHTRFT	Exc	Deregistered feature	1 TRFT parameter list

¹ The function time-base-reset is always traced from Point ID TR 0203, even when TR level 1 tracing is not selected.

User domain trace points

Point ID	Module	Lvl	Type	Data
US 0101	DFHUSDM	US 1	Entry	1 DFHUSDM parameter list
US 0102	DFHUSDM	US 1	Exit	1 DFHUSDM parameter list
US 0103	DFHUSDM	Exc	Recovery	1 DFHUSDM parameter list 2 Kernel error data
US 0104	DFHUSDM	Exc	Invalid format	1 DFHUSDM parameter list
US 0105	DFHUSDM	Exc	Invalid function	1 DFHUSDM parameter list
US 0106	DFHUSDM	Exc	Unlock error	1 DFHUSDM parameter list
US 0107	DFHUSDM	Exc	No storage for USA	1 DFHUSDM parameter list
US 0108	DFHUSDM	Exc	Get parameters failed	1 DFHUSDM parameter list
US 0201	DFHUSIS	US 1	Entry	1 DFHUSIS parameter list
US 0202	DFHUSIS	US 1	Exit	1 DFHUSIS parameter list
US 0203	DFHUSIS	Exc	Recovery	1 DFHUSIS parameter list 2 Kernel error data
US 0204	DFHUSIS	Exc	Invalid format	1 DFHUSIS parameter list
US 0205	DFHUSIS	Exc	Invalid function	1 DFHUSIS parameter list
US 0206	DFHUSIS	Exc	No inquire parameters	1 DFHUSIS parameter list
US 0207	DFHUSIS	Exc	No set parameters	1 DFHUSIS parameter list
US 0208	DFHUSIS	Exc	Lock error	1 DFHUSIS parameter list
US 0209	DFHUSIS	Exc	Unlock error	1 DFHUSIS parameter list
US 020A	DFHUSIS	Exc	Unlock error recovery	1 DFHUSIS parameter list
US 0301	DFHUSAD	US 1	Entry	1 DFHUSAD parameter list
US 0302	DFHUSAD	US 1	Exit	1 DFHUSAD parameter list

US domain trace points

Table 100 (Page 2 of 3). User domain trace entries

Point ID	Module	Lvl	Type	Data
US 0303	DFHUSAD	Exc	Recovery	1 DFHUSAD parameter list 2 Kernel error data
US 0304	DFHUSAD	Exc	Invalid format	1 DFHUSAD parameter list
US 0305	DFHUSAD	Exc	Invalid function	1 DFHUSAD parameter list
US 0306	DFHUSAD	Exc	Lock error	1 DFHUSAD parameter list
US 0307	DFHUSAD	Exc	Unlock error	1 DFHUSAD parameter list
US 0308	DFHUSAD	Exc	Unlock error recovery	1 DFHUSAD parameter list
US 0309	DFHUSAD	Exc	Exception unknow	1 DFHUSAD parameter list
US 030A	DFHUSAD	Exc	Extract failed	1 DFHUSAD parameter list
US 030B	DFHUSAD	Exc	Invalid parameters	1 DFHUSAD parameter list
US 030C	DFHUSAD	Exc	User not in directory	1 DFHUSAD parameter list
US 030D	DFHUSAD	Exc	User directory add duplicate	1 DFHUSAD parameter list
US 030E	DFHUSAD	Exc	User directory add error	1 DFHUSAD parameter list
US 030F	DFHUSAD	Exc	User directory delete error	1 DFHUSAD parameter list
US 0310	DFHUSAD	Exc	Invalid security token	1 DFHUSAD parameter list
US 0311	DFHUSAD	Exc	Use count error	1 DFHUSAD parameter list
US 0312	DFHUSAD	Exc	DFHUSER deq failure	1 DFHUSAD parameter list
US 0313	DFHUSAD	Exc	Invalid UDB pointer	1 DFHUSAD parameter list
US 0314	DFHUSAD	Exc	Add timeout failure	1 DFHUSAD parameter list
US 0315	DFHUSAD	Exc	Delete timeout failure	1 DFHUSAD parameter list
US 0316	DFHUSAD	Exc	Delete expired failure	1 DFHUSAD parameter list
US 0401	DFHUSXM	US 1	Entry	1 DFHUSXM parameter list
US 0402	DFHUSXM	US 1	Exit	1 DFHUSXM parameter list
US 0403	DFHUSXM	Exc	Recovery	1 DFHUSXM parameter list 2 Kernel error data
US 0404	DFHUSXM	Exc	Invalid format	1 DFHUSXM parameter list
US 0405	DFHUSXM	Exc	Invalid function	1 DFHUSXM parameter list
US 0406	DFHUSXM	Exc	Lock error	1 DFHUSXM parameter list
US 0407	DFHUSXM	Exc	Unlock error	1 DFHUSXM parameter list
US 0408	DFHUSXM	Exc	Unlock error recovery	1 DFHUSXM parameter list
US 0409	DFHUSXM	Exc	GETMAIN failure	1 DFHUSXM parameter list
US 040A	DFHUSXM	Exc	DIRMAN failure	1 DFHUSXM parameter list
US 040B	DFHUSXM	Exc	Transaction use count max	1 DFHUSXM parameter list
US 040C	DFHUSXM	Exc	Transaction use count neg	1 DFHUSXM parameter list
US 040D	DFHUSXM	Exc	Transaction use count low	1 DFHUSXM parameter list
US 040E	DFHUSXM	Exc	Invalid security token	1 DFHUSXM parameter list
US 040F	DFHUSXM	Exc	Token type error	1 DFHUSXM parameter list
US 0410	DFHUSXM	Exc	Invalid transaction token	1 DFHUSXM parameter list
US 0411	DFHUSXM	Exc	Already added security	1 DFHUSXM parameter list
US 0412	DFHUSXM	Exc	No principal UDB pointer	1 DFHUSXM parameter list
US 0413	DFHUSXM	Exc	USAD error	1 DFHUSXM parameter list
US 0501	DFHUSFL	US 1	Entry	1 DFHUSFL parameter list
US 0502	DFHUSFL	US 1	Exit	1 DFHUSFL parameter list
US 0503	DFHUSFL	Exc	Recovery	1 DFHUSFL parameter list 2 Kernel error data
US 0504	DFHUSFL	Exc	Invalid format	1 DFHUSFL parameter list
US 0505	DFHUSFL	Exc	Invalid function	1 DFHUSFL parameter list
US 0506	DFHUSFL	Exc	Lock error	1 DFHUSFL parameter list
US 0507	DFHUSFL	Exc	Unlock error	1 DFHUSFL parameter list
US 0508	DFHUSFL	Exc	Unlock error recovery	1 DFHUSFL parameter list
US 0509	DFHUSFL	Exc	Exception unknow	1 DFHUSFL parameter list
US 050B	DFHUSFL	Exc	User not in directory	1 DFHUSFL parameter list
US 050C	DFHUSFL	Exc	User directory add duplicate	1 DFHUSFL parameter list
US 050D	DFHUSFL	Exc	Unflatten user error	1 DFHUSFL parameter list
US 050E	DFHUSFL	Exc	User directory delete error	1 DFHUSFL parameter list
US 050F	DFHUSFL	Exc	Invalid security token	1 DFHUSFL parameter list
US 0510	DFHUSFL	Exc	Use count error	1 DFHUSFL parameter list
US 0511	DFHUSFL	Exc	DFHUSER deq failure	1 DFHUSFL parameter list
US 0512	DFHUSFL	Exc	Invalid UDB pointer	1 DFHUSFL parameter list
US 0513	DFHUSFL	Exc	Delete timeout failure	1 DFHUSFL parameter list
US 0601	DFHUSST	US 1	Entry	1 DFHUSST parameter list
US 0602	DFHUSST	US 1	Exit	1 DFHUSST parameter list
US 0603	DFHUSST	Exc	Recovery	1 DFHUSST parameter list 2 Kernel error data
US 0604	DFHUSST	Exc	Invalid format	1 DFHUSST parameter list
US 0605	DFHUSST	Exc	Invalid function	1 DFHUSST parameter list
US 0606	DFHUSST	Exc	Lock error	1 DFHUSST parameter list
US 0607	DFHUSST	Exc	Unlock error	1 DFHUSST parameter list
US 0608	DFHUSST	Exc	Unlock error recovery	1 DFHUSST parameter list
US 0701	DFHUSTI	US 1	Entry	1 DFHUSTI parameter list
US 0702	DFHUSTI	US 1	Exit	1 DFHUSTI parameter list

Table 100 (Page 3 of 3). User domain trace entries

Point ID	Module	Lvl	Type	Data
US 0703	DFHUSTI	Exc	Recovery	1 DFHUSTI parameter list 2 Kernel error data
US 0704	DFHUSTI	Exc	Invalid format	1 DFHUSTI parameter list
US 0705	DFHUSTI	Exc	Invalid function	1 DFHUSTI parameter list
US 0706	DFHUSTI	Exc	Lock error	1 DFHUSTI parameter list
US 0707	DFHUSTI	Exc	Unlock error	1 DFHUSTI parameter list
US 0708	DFHUSTI	Exc	Unlock error recovery	1 DFHUSTI parameter list
US 0709	DFHUSTI	Exc	Exception unkown	1 DFHUSTI parameter list
US 070A	DFHUSTI	Exc	Invalid UDB pointer	1 DFHUSTI parameter list
US 070B	DFHUSTI	Exc	Add queue entry error	1 DFHUSTI parameter list
US 070C	DFHUSTI	Exc	Already in queue	1 DFHUSTI parameter list
US 070D	DFHUSTI	Exc	Del queue entry error	1 DFHUSTI parameter list
US 070E	DFHUSTI	Exc	Get queue entry error	1 DFHUSTI parameter list
US 070F	DFHUSTI	Exc	Queue entry in use	1 DFHUSTI parameter list
US 0710	DFHUSTI	Exc	Set queue entry error	1 DFHUSTI parameter list
US 0711	DFHUSTI	Exc	Timer interval request failure	1 DFHUSTI parameter list
US 0712	DFHUSTI	Exc	Timer cancel request failure	1 DFHUSTI parameter list
US 0713	DFHUSTI	Exc	UTQ is empty	1 DFHUSTI parameter list
US 0801	DFHUSDE	US 1	Entry	1 DFHUSDE pa rameter list
US 0802	DFHUSDE	US 1	Exit	1 DFHUSDE parameter list
US 0803	DFHUSDE	Exc	Recovery	1 DFHUSDE parameter list
US 0804	DFHUSDE	Exc	Invalid format	1 DFHUSDE parameter list
US 0805	DFHUSDE	Exc	Invalid function	1 DFHUSDE parameter list
US 0806	DFHUSDE	Exc	DFHUSER DEQ failed	1 DFHUSDE parameter list
US 0807	DFHUSDE	Exc	Exception unknown	1 DFHUSDE parameter list
US 0808	DFHUSDE	Exc	Lock error	1 DFHUSDE parameter list
US 0809	DFHUSDE	Exc	Unlock error	1 DFHUSDE parameter list
US 080A	DFHUSDE	Exc	Unlock error recovery	1 DFHUSDE parameter list

Web domain trace points

Table 101 (Page 1 of 3). Web domain trace entries

Point ID	Module	Lvl	Type	Data
WB 0100	DFHWBDM	WB 1	Entry	1 WBDM parameter list
WB 0101	DFHWBDM	WB 1	Exit	1 WBDM parameter list
WB 0102	DFHWBDM	Exc	Recovery	1 WBDM parameter list
WB 0103	DFHWBDM	Exc	Invalid format	1 DMDM parameter list
WB 0104	DFHWBDM	Exc	Invalid function	1 DMDM parameter list
WB 0105	DFHWBDM	Exc	Release lock error	1 DMDM parameter list
WB 0107	DFHWBDM	Exc	No storage for anchor block	2 LMLM parameter list 1 DMDM parameter list
WB 0108	DFHWBDM	Exc	Get parameters failed	1 DMDM parameter list
WB 0200	DFHWBGP	Entr		1 WBGP parameter list
WB 0201	DFHWBGP	Exit		1 WBGP parameter list
WB 0202	DFHWBGP	Exc	Recovery	1 WBGP parameter list
WB 0203	DFHWBGP	Exc	Invalid format	1 WBGP parameter list
WB 0204	DFHWBGP	Exc	Invalid function	1 WBGP parameter list
WB 0300	DFHWBAP	Entr		1 WBAP parameter list 2 Client codepage
WB 0301	DFHWBAP	Exit		1 WBAP parameter list 2 Client codepage
WB 0302	DFHWBAP	Exc	Recovery	1 WBAP parameter list
WB 0303	DFHWBAP	Exc	Invalid format	1 WBAP parameter list
WB 0304	DFHWBAP	Exc	Invalid function	1 WBAP parameter list
WB 0305	DFHWBAP	Exc	Unlock error recovery	1 WBAP parameter list
WB 0410	DFHWBRQ	Even	Inbound HTTP request	1 HTTP request headers
WB 0411	DFHWBSR	Exc	TSQ put header failed	1 WRB
WB 0412	DFHWBRQ	Exc	TS put request body failed	1 WRB
WB 0413	DFHWBSR	Exc	No repository token returned	1 WRB
WB 0414	DFHWBSR	Even	Before call to Analyzer	1 Analyzer parameter list
WB 0415	DFHWBSR	Even	After call to Analyzer	1 Analyzer parameter list
WB 0416	DFHWBSR	Data	HTTP request body	1 HTTP request body
WB 04B0	DFHWBMS	WB 1	Entry	1 WBTC parameter list
WB 04B1	DFHWBMS	WB 1	Exit	1 WBTC parameter list
WB 04B2	DFHWBMS	Exc	Recovery entered	1 WBTC parameter list 2 Kernel error data
WB 04B4	DFHWBMS	Exc	Invalid function	1 WBTC parameter list
WB 04B7	DFHWBMS	Exc	BMS map not found	1 WBTC parameter list
WB 04B8	DFHWBMS	Exc	BMS ADSD not found	1 WBTC parameter list

Web domain trace points

Table 101 (Page 2 of 3). Web domain trace entries

Point ID	Module	Lvl	Type	Data
WB 04B9	DFHWBBMS	Exc	Template manager error	1 WBTC parameter list
WB 04E0	DFHWBBM	WB 1	Entry	1 WBTC parameter list
WB 04E1	DFHWBBM	WB 1	Exit	1 WBTC parameter list
WB 04E2	DFHWBBM	Exc	Recovery entered	1 WBTC parameter list 2 Kernel error data
WB 04E4	DFHWBBM	Exc	Invalid function	1 WBTC parameter list
WB 04E7	DFHWBBM	Exc	BMS map not found	1 WBTC parameter list
WB 04E8	DFHWBBM	Exc	BMS ADSD not found	1 WBTC parameter list
WB 04E9	DFHWBBM	Exc	Template manager error	1 WBTC parameter list
WB 0500	DFHWBSR	Entr		1 WBSR parameter list
WB 0501	DFHWBSR	Exit		1 WBSR parameter list
WB 0502	DFHWBSR	Exc	Invalid format	1 WBSR parameter list
WB 0503	DFHWBSR	Exc	Invalid function	1 WBSR invalid function
WB 0600	DFHWBXM	Entr		1 XMAC parameter list
WB 0601	DFHWBXM	Exit		1 XMAC parameter list
WB 0602	DFHWBXM	Exc	Invalid format	1 XMAC parameter list
WB 0603	DFHWBXM	Exc	Invalid function	1 XMAC parameter list
WB 0604	DFHWBXM	Exc	Recovery	1 XMAC parameter list
WB 4109	DFHWBLT	Exc	Trigger partner failed	1 WBST parameter list
WB 4654	DFHWBST	Exc	Directory browse error	1 WBST parameter list 2 DDBR parameter list
WB 468E	DFHWBTC	WB 2	update row map id	1 template name
WB 468F	DFHWBTC	WB 2	update col map id	1 template name
WB 4690	DFHWBTC	WB 2	update row value before	1 row value
WB 4691	DFHWBTC	WB 2	update row value after	1 row value
WB 4692	DFHWBTC	WB 2	update col value before	1 column value
WB 4693	DFHWBTC	WB 2	update col value after	1 column value
WB 4694	DFHWBTC	WB 2	first map determined	1 first map ptr 2 template name
WB 4695	DFHWBTC	WB 2	last map determined	1 last map ptr 2 template name
WB 4696	DFHWBTC	WB 2	merged row list	
WB 4697	DFHWBTC	WB 2	merged col list	
WB 4698	DFHWBTC	WB 2	merged row list value	1 row value
WB 4699	DFHWBTC	WB 2	merged col list value	1 column value
WB 469A	DFHWBTC	WB 2	wbrct table contents	1 row number 2 column number 3 data start ptr 4 data end ptr 5 first tag data start ptr 6 first tag data end ptr 7 last tag data start ptr 8 last tag data end ptr
WB 469B	DFHWBTC	Exc	HTML map invalid	
WB 469C	DFHWBTC	Exc	Invalid HTML map error number	1 error number
WB 469D	DFHWBTC	Exc	HTML output buffer	1 HTML output buffer
WB 46EA	DFHWBBMS	WB 2	OEdelete entry	1 current element ptr
WB 46EB	DFHWBBMS	WB 2	OEdelete exit	
WB 46EC	DFHWBBMS	WB 2	OELclear entry	1 current element ptr
WB 46ED	DFHWBBMS	WB 2	OELclear exit	
WB 46EE	DFHWBBMS	WB 2	OEinsert entry	1 insert element ptr 2 position ptr 3 last ptr
WB 46EF	DFHWBBMS	WB 2	OEinsert exit	
WB 46F0	DFHWBBMS	WB 2	OECreat entry	
WB 46F1	DFHWBBMS	WB 2	OECreat exit	1 new element ptr
WB 46F2	DFHWBBMS	WB 2	OElcreat entry	1 first element ptr 2 template name 3 position ptr 4 sequence number
WB 46F3	DFHWBBMS	WB 2	OELcreat exit	1 position ptr
WB 46F4	DFHWBBMS	WB 2	OEincreat entry	1 new element ptr 2 template name 3 mapset name 4 map name 5 sequence number

Table 101 (Page 3 of 3). Web domain trace entries

Point ID	Module	Lvl	Type	Data
WB 46F5	DFHWBBS	WB 2	OEinit exit	1 OEL template name 2 OEL mapset name 3 OEL map name 4 OEL row start 5 OEL col start 6 OEL row end 7 OEL col end 8 OEL buffer sequence number 9 OEL processed before
WB 46F6	DFHWBBS	WB 2	getmain HTML buffer entry	
WB 46F7	DFHWBBS	WB 2	getmain HTML buffer exit	1 OEL HTML buffer ptr 2 OEL HTML buffer length
WB FF60	DFHWBQM	Entry		1 WBQM parameter list
WB FF61	DFHWBQM	Exit		1 WBQM parameter list
WB FF62	DFHWBQM	Exc	Recovery	1 WBQM parameter list
WB FF63	DFHWBQM	Exc	Invalid format	1 WBAP parameter list
WB FF64	DFHWBQM	Exc	Invalid function	1 WBQM parameter list
WB FF65	DFHWBQM	Exc	Invalid parameter	1 WBQM parameter list
WB FF66	DFHWBQM	Exc	TS queue error	1 WBQM parameter list

Transaction manager domain trace points

Table 102 (Page 1 of 7). Transaction manager domain trace entries

Point ID	Module	Lvl	Type	Data
XM 0101	DFHXMDM	XM 1	Entry	1 DMDM parameter list
XM 0102	DFHXMDM	XM 1	Exit	1 DMDM parameter list
XM 0103	DFHXMDM	Exc	Recovery	1 DMDM parameter list 2 Kernel error data
XM 0104	DFHXMDM	Exc	Invalid format	1 Invalid parameter list
XM 0105	DFHXMDM	Exc	Invalid function	1 DMDM parameter list
XM 0106	DFHXMDM	Exc	LMLM Unlock error	1 DMDM parameter list
XM 0107	DFHXMDM	Exc	No storage for anchor	1 DMDM parameter list
XM 0108	DFHXMDM	Exc	No storage for subpool	1 DMDM parameter list
XM 0109	DFHXMDM	Exc	No storage for subpool	1 DMDM parameter list
XM 010A	DFHXMDM	Exc	PAGP Inquire_Start error	1 DMDM parameter list
XM 010B	DFHXMDM	Exc	DDDI Create_Directory error	1 DMDM parameter list
XM 010C	DFHXMDM	Exc	DDDI Create_Directory error	1 DMDM parameter list
XM 010D	DFHXMDM	Exc	DDDI Create_Directory error	1 DMDM parameter list
XM 010E	DFHXMDM	Exc	No storage for subpool	1 DMDM parameter list
XM 010F	DFHXMDM	Exc	DDDI Create_Directory error	1 DMDM parameter list
XM 0110	DFHXMDM	Exc	No storage for subpool	1 DMDM parameter list
XM 0111	DFHXMDM	Exc	No storage for transaction	1 DMDM parameter list
XM 0112	DFHXMDM	Exc	CCCC Get error	1 DMDM parameter list
XM 0113	DFHXMDM	Exc	PAGP Get_Parameters error	1 DMDM parameter list
XM 0114	DFHXMDM	Exc	Internal logic error	1 DMDM parameter list
XM 0115	DFHXMDM	Exc	XMSR Set_MXT error	1 DMDM parameter list
XM 0116	DFHXMDM	Exc	XMCL Add_Tclass error	1 DMDM parameter list
XM 0117	DFHXMDM	Exc	DMDM Wait_Phase error	1 DMDM parameter list
XM 0118	DFHXMDM	Exc	No storage for buffer	1 DMDM parameter list
XM 0119	DFHXMDM	Exc	Insufficient 24-bit storage	1 DMDM parameter list
XM 0201	DFHXMXD	XM 1	Entry	1 XMXD parameter list
XM 0202	DFHXMXD	XM 1	Exit	1 XMXD parameter list
XM 0203	DFHXMXD	Exc	Recovery	1 XMXD parameter list 2 Kernel error data
XM 0204	DFHXMXD	Exc	Invalid format	1 Invalid parameter list
XM 0205	DFHXMXD	Exc	Invalid function	1 XMXD parameter list
XM 0206	DFHXMXD	Exc	SMGF getmain error	1 XMXD parameter list 2 SMGF parameter list
XM 0207	DFHXMXD	Exc	SMGF getmain error	1 XMXD parameter list 2 SMGF parameter list
XM 0208	DFHXMXD	Exc	Invalid call to XMXD	1 XMXD parameter list
XM 0209	DFHXMXD	Exc	Invalid call to XMXD	1 XMXD parameter list
XM 020A	DFHXMXD	Exc	Invalid call to XMXD	1 XMXD parameter list
XM 020B	DFHXMXD	Exc	Invalid call to XMXD	1 XMXD parameter list
XM 020C	DFHXMXD	Exc	Invalid call to XMXD	1 XMXD parameter list
XM 020D	DFHXMXD	Exc	Invalid call to XMXD	1 XMXD parameter list
XM 020E	DFHXMXD	Exc	DDLO Locate error	1 XMXD parameter list 2 DDLO parameter list

XM domain trace points

Table 102 (Page 2 of 7). Transaction manager domain trace entries				
Point ID	Module	Lvl	Type	Data
XM 020F	DFHXMXD	Exc	KEGD Inquire_Kernel error	1 XMXD parameter list 2 KEGD parameter list
XM 0210	DFHXMXD	Exc	Bad catalog record length	1 XMXD parameter list 2 Expected length
XM 0211	DFHXMXD	Exc	DDDI Add_Entry error	1 XMXD parameter list 2 DDDI parameter list
XM 0212	DFHXMXD	Exc	DDDI Replace_Data error	1 XMXD parameter list 2 DDDI parameter list
XM 0213	DFHXMXD	Exc	LMLM Lock error	1 XMXD parameter list 2 LMLM parameter list
XM 0214	DFHXMXD	Exc	LMLM Unlock error	1 XMXD parameter list 2 LMLM parameter list
XM 0215	DFHXMXD	Exc	DDLO Locate error	1 XMXD parameter list 2 DDLO parameter list
XM 0216	DFHXMXD	Exc	DDDI Add_Entry error	1 XMXD parameter list 2 DDDI parameter list
XM 0217	DFHXMXD	Exc	DDDI Replace_Data error	1 XMXD parameter list 2 DDDI parameter list
XM 0218	DFHXMXD	Exc	DDLO Locate error	1 XMXD parameter list 2 DDLO parameter list
XM 0219	DFHXMXD	Exc	DDDI Add_Entry error	1 XMXD parameter list 2 DDDI parameter list
XM 021A	DFHXMXD	Exc	DDDI Replace_Data error	1 XMXD parameter list 2 DDDI parameter list
XM 021B	DFHXMXD	Exc	Update lock error	1 XMXD parameter list 2 DSSR or LMLM parameter list
XM 021C	DFHXMXD	Exc	Update unlock error	1 XMXD parameter list 2 DSSR parameter list
XM 021D	DFHXMXD	Exc	Invalid trandef token	1 XMXD parameter list 2 Trandef instance
XM 021E	DFHXMXD	XM 2	Trandef on exit	1 Trandef instance 2 Trandef static
XM 021F	DFHXMXD	Exc	Lock held on exit	1 XMXD parameter list
XM 0220	DFHXMXD	Exc	Invalid call to XMXD	1 XMXD parameter list
XM 0301	DFHXMRP	XM 1	Entry	1 XMRP parameter list
XM 0302	DFHXMRP	XM 1	Exit	1 XMRP parameter list
XM 0303	DFHXMRP	Exc	Recovery	1 XMRP parameter list 2 Kernel error data
XM 0304	DFHXMRP	Exc	Invalid format	1 Invalid parameter list
XM 0305	DFHXMRP	Exc	Invalid function	1 XMRP parameter list
XM 0306	DFHXMRP	Exc	CCCC Get_Next error	1 XMRP parameter list 2 CCCC parameter list
XM 0307	DFHXMRP	Exc	XMXD Add_Replace_Trandef error	1 XMRP parameter list 2 XMXD parameter list
XM 0308	DFHXMRP	Exc	XMCL Add_Replace_Tclass error	1 XMRP parameter list 2 XMCL parameter list
XM 0401	DFHXMLD	XM 1	Entry	1 XMLD parameter list
XM 0402	DFHXMLD	XM 1	Exit	1 XMLD parameter list
XM 0403	DFHXMLD	Exc	Recovery	1 XMLD parameter list 2 Kernel error data
XM 0404	DFHXMLD	Exc	Invalid format	1 Invalid parameter list
XM 0405	DFHXMLD	Exc	Invalid function	1 XMLD parameter list
XM 0406	DFHXMLD	Exc	DDLO Locate error	1 XMLD parameter list 2 DDLO parameter list
XM 0407	DFHXMLD	Exc	DDLO Locate error	1 XMLD parameter list 2 DDLO parameter list
XM 0408	DFHXMLD	Exc	Invalid call to XMLD	1 XMLD parameter list 2 Trandef instance
XM 0409	DFHXMLD	Exc	LMLM Lock error	1 XMLD parameter list 2 LMLM parameter list
XM 040A	DFHXMLD	Exc	LMLM Unlock error	1 XMLD parameter list 2 LMLM parameter list
XM 040B	DFHXMLD	Exc	Invalid TPName length	1 XMLD parameter list 2 Invalid length
XM 040C	DFHXMLD	Exc	Invalid trandef token	1 XMLD parameter list 2 Trandef instance
XM 040D	DFHXMLD	XM 2	Trandef on exit	1 Trandef instance 2 Trandef static
XM 040E	DFHXMLD	Exc	Lock held on exit	1 XMLD parameter list
XM 0501	DFHXMBD	XM 1	Entry	1 XMBD parameter list
XM 0502	DFHXMBD	XM 1	Exit	1 XMBD parameter list

Table 102 (Page 3 of 7). Transaction manager domain trace entries

Point ID	Module	Lvl	Type	Data
XM 0503	DFHXMBD	Exc	Recovery	1 XMBD parameter list 2 Kernel error data
XM 0504	DFHXMBD	Exc	Invalid format	1 Invalid parameter list
XM 0505	DFHXMBD	Exc	Invalid function	1 XMBD parameter list
XM 0506	DFHXMBD	Exc	DDBR Start_Browse error	1 XMBD parameter list 2 DDBR parameter list
XM 0507	DFHXMBD	Exc	DDBR Get_Next error	1 XMBD parameter list 2 DDBR parameter list
XM 0508	DFHXMBD	Exc	DDBR End_Browse error	1 XMBD parameter list 2 DDBR parameter list
XM 0509	DFHXMBD	Exc	XMxD Inquire_Trandef error	1 XMBD parameter list 2 XMxD parameter list
XM 050A	DFHXMBD	Exc	Directory name mismatch	1 XMBD parameter list 2 DDBR parameter list 3 Trandef static 4 Directory entry name
XM 050B	DFHXMBD	Exc	LMLM Lock error	1 XMBD parameter list 2 LMLM parameter list
XM 050C	DFHXMBD	Exc	LMLM Unlock error	1 XMBD parameter list 2 LMLM parameter list
XM 050D	DFHXMBD	Exc	Invalid browse token	1 XMBD parameter list 2 Invalid token
XM 050E	DFHXMBD	Exc	Lock held on exit	1 XMBD parameter list
XM 0601	DFHXMDD	XM 1	Entry	1 XMDD parameter list
XM 0602	DFHXMDD	XM 1	Exit	1 XMDD parameter list
XM 0603	DFHXMDD	Exc	Recovery	1 XMDD parameter list 2 Kernel error data
XM 0604	DFHXMDD	Exc	Invalid format	1 Invalid parameter list
XM 0605	DFHXMDD	Exc	Invalid function	1 XMDD parameter list
XM 0606	DFHXMDD	Exc	DDDI Delete_entry error	1 XMDD parameter list 2 DDDI parameter list
XM 0607	DFHXMDD	Exc	LMLM Lock error	1 XMDD parameter list 2 LMLM parameter list
XM 0608	DFHXMDD	Exc	LMLM Unlock error	1 XMDD parameter list 2 LMLM parameter list
XM 0609	DFHXMDD	Exc	DDLO Locate error	1 XMDD parameter list 2 DDLO parameter list
XM 060A	DFHXMDD	Exc	Update lock error	1 XMDD parameter list 2 DSSR or LMLM parameter list
XM 060B	DFHXMDD	Exc	Update unlock error	1 XMDD parameter list 2 DSSR parameter list
XM 060C	DFHXMDD	XM 2	Trandef on exit	1 Trandef instance 2 Trandef static
XM 060D	DFHXMDD	Exc	Lock held on exit	1 XMDD parameter list
XM 0701	DFHXMFD	XM 1	Entry	1 XMFD parameter list
XM 0702	DFHXMFD	XM 1	Exit	1 XMFD parameter list
XM 0703	DFHXMFD	Exc	Recovery	1 XMFD parameter list 2 Kernel error data
XM 0704	DFHXMFD	Exc	Invalid format	1 Invalid parameter list
XM 0705	DFHXMFD	Exc	Invalid function	1 XMFD parameter list
XM 0706	DFHXMFD	Exc	LMLM Lock error	1 XMFD parameter list 2 LMLM parameter list
XM 0707	DFHXMFD	Exc	LMLM Unlock error	1 XMFD parameter list 2 LMLM parameter list
XM 0708	DFHXMFD	Exc	Lock held on exit	1 XMFD parameter list
XM 0801	DFHXMSR	XM 1	Entry	1 XMSR parameter list
XM 0802	DFHXMSR	XM 1	Exit	1 XMSR parameter list
XM 0803	DFHXMSR	Exc	Recovery	1 XMSR parameter list 2 Kernel error data
XM 0804	DFHXMSR	Exc	Invalid format	1 Invalid parameter list
XM 0805	DFHXMSR	Exc	Invalid function	1 XMSR parameter list
XM 0806	DFHXMSR	Exc	XMCL Set_Tclass error	1 XMSR parameter list 2 XMCL parameter list
XM 0807	DFHXMSR	Exc	XMNT MXT_Change_Notify error	1 XMSR parameter list 2 XMNT parameter list
XM 0808	DFHXMSR	Exc	LMLM Lock error	1 XMSR parameter list 2 LMLM parameter list
XM 0809	DFHXMSR	Exc	LMLM Unlock error	1 XMSR parameter list 2 LMLM parameter list
XM 080A	DFHXMSR	Exc	LMLM Lock error	1 XMSR parameter list 2 LMLM parameter list

XM domain trace points

Table 102 (Page 4 of 7). Transaction manager domain trace entries				
Point ID	Module	Lvl	Type	Data
XM 080B	DFHXMSR	Exc	LMLM Unlock error	1 XMSR parameter list 2 LMLM parameter list
XM 080C	DFHXMSR	Exc	Scheduler error	1 XMSR parameter list 2 XMQC or DSAT parameter list
XM 0901	DFHXMQR	XM 1	Entry	1 XMQR parameter list
XM 0902	DFHXMQR	XM 1	Exit	1 XMQR parameter list
XM 0903	DFHXMQR	Exc	Recovery	1 XMQR parameter list 2 Kernel error data
XM 0904	DFHXMQR	Exc	Invalid format	1 Invalid parameter list
XM 0905	DFHXMQR	Exc	Invalid function	1 XMQR parameter list
XM 0906	DFHXMQR	Exc	DDDI Delete_Entry error	1 XMQR parameter list 2 DDDI parameter list
XM 0907	DFHXMQR	Exc	DDDI Delete_Entry error	1 XMQR parameter list 2 DDDI parameter list
XM 0908	DFHXMQR	Exc	DDDI Delete_Entry error	1 XMQR parameter list 2 DDDI parameter list
XM 0909	DFHXMQR	Exc	DDDI Replace_Data error	1 XMQR parameter list 2 DDDI parameter list
XM 090A	DFHXMQR	Exc	LMLM Lock error	1 XMQR parameter list 2 LMLM parameter list
XM 090B	DFHXMQR	Exc	LMLM Unlock error	1 XMQR parameter list 2 LMLM parameter list
XM 090C	DFHXMQR	Exc	Update lock error	1 XMQR parameter list 2 DSSR or LMLM parameter list
XM 090D	DFHXMQR	Exc	Update unlock error	1 XMQR parameter list 2 DSSR parameter list
XM 090E	DFHXMQR	XM 2	Trandef on exit	1 Trandef instance 2 Trandef static
XM 090F	DFHXMQR	Exc	Directory name mismatch	1 XMQR parameter list 2 Trandef static
XM 0910	DFHXMQR	Exc	Lock held on exit	1 XMQR parameter list
XM 0A01	DFHXMCL	XM 1	Entry	1 XMCL parameter list
XM 0A02	DFHXMCL	XM 1	Exit	1 XMCL parameter list
XM 0A03	DFHXMCL	Exc	Recovery	1 XMCL parameter list 2 Kernel error data
XM 0A04	DFHXMCL	Exc	Invalid format	1 Invalid parameter list
XM 0A05	DFHXMCL	Exc	Invalid function	1 XMCL parameter list
XM 0A06	DFHXMCL	Exc	DDDI Add_Entry error	1 XMCL parameter list 2 DDDI parameter list
XM 0A07	DFHXMCL	Exc	DDLO Locate error	1 XMCL parameter list 2 DDLO parameter list
XM 0A08	DFHXMCL	Exc	Directory name mismatch	1 XMCL parameter list 2 DDLO parameter list 3 Located tclass entry
XM 0A09	DFHXMCL	Exc	SMGF Getmain error	1 XMCL parameter list 2 SMGF parameter list
XM 0A0A	DFHXMCL	Exc	TCLASS Update Lock error	1 XMCL parameter list 2 DSSR parameter list 3 LMLM parameter list 4 TCLASS
XM 0A0B	DFHXMCL	Exc	TCLASS release Lock error	1 XMCL parameter list 2 DSSR parameter list 3 TCLASS
XM 0A0C	DFHXMCL	Exc	Internal logic error	1 XMCL parameter list 2 Tclass entry
XM 0A0D	DFHXMCL	Exc	LMLM Lock error	1 XMCL parameter list 2 LMLM parameter list
XM 0A0E	DFHXMCL	Exc	LMLM Unlock error	1 XMCL parameter list 2 LMLM parameter list
XM 0A0F	DFHXMCL	Exc	Lock held on exit	1 XMCL parameter list
XM 0A10	DFHXMCL	Exc	Invalid tclass token	1 XMCL parameter list 2 Tclass entry
XM 0A11	DFHXMCL	Exc	Invalid call to XMCL	1 XMCL parameter list 2 Tclass entry
XM 0A12	DFHXMCL	Exc	DDDI Delete_Entry error	1 XMCL parameter list 2 DDDI parameter list
XM 0A13	DFHXMCL	Exc	Invalid call to XMCL	1 XMCL parameter list 2 Tclass entry
XM 0A14	DFHXMCL	Exc	Internal logic error	1 XMCL parameter list 2 Tclass entry
XM 0A15	DFHXMCL	Exc	Invalid call to XMCL	1 XMCL parameter list 2 Tclass entry

Table 102 (Page 5 of 7). Transaction manager domain trace entries

Point ID	Module	Lvl	Type	Data
XM 0A16	DFHXMCL	Exc	Invalid call to XMCL	1 XMCL parameter list 2 Tclass entry
XM 0A17	DFHXMCL	Exc	Scheduler error	1 XMCL parameter list 2 XMQC or DSAT parameter list
XM 0A18	DFHXMCL	Exc	DDBR Start_Browse error	1 XMCL parameter list 2 DDBR parameter list
XM 0A19	DFHXMCL	Exc	DDBR Get_Next error	1 XMCL parameter list 2 DDBR parameter list
XM 0A1A	DFHXMCL	Exc	Directory name mismatch	1 XMCL parameter list 2 DDBR parameter list 3 Tclass entry 4 Directory entry name
XM 0A1B	DFHXMCL	Exc	DDBR End_Browse error	1 XMCL parameter list 2 DDBR parameter list
XM 0A1C	DFHXMCL	Exc	Invalid browse token	1 XMCL parameter list 2 Browse token
XM 0B01	DFHXMQC	XM 1	Entry	1 XMQC parameter list
XM 0B02	DFHXMQC	XM 1	Exit	1 XMQC parameter list
XM 0B03	DFHXMQC	Exc	Recovery	1 XMQC parameter list 2 Kernel error data
XM 0B04	DFHXMQC	Exc	Invalid format	1 Invalid parameter list
XM 0B05	DFHXMQC	Exc	Invalid function	1 XMQC parameter list
XM 0B06	DFHXMQC	Exc	Invalid tclass token	1 XMQC parameter list 2 Tclass entry
XM 0B07	DFHXMQC	Exc	Invalid call to XMQC	1 XMQC parameter list 2 Tclass entry 3 Transaction entry
XM 0B08	DFHXMQC	Exc	Invalid call to XMQC	1 XMQC parameter list 2 Tclass entry 3 Transaction entry
XM 0B09	DFHXMQC	XM 2	Tclass on exit	1 Tclass entry
XM 0C01	DFHXMST	XM 1	Entry	1 STST parameter list
XM 0C02	DFHXMST	XM 1	Exit	1 STST parameter list
XM 0C03	DFHXMST	Exc	Recovery	1 STST parameter list 2 Kernel error data
XM 0C04	DFHXMST	Exc	Invalid Format	1 Modules parameter list 2 STST parameter list
XM 0C05	DFHXMST	Exc	Invalid Function	1 Modules parameter list 2 STST parameter list
XM 0C06	DFHXMST	Exc	Invalid resource	1 Module's parameter list 2 STST parameter list
XM 0C07	DFHXMST	Exc	Invalid parameters	1 Module's parameter list 2 STST parameter list
XM 0C08	DFHXMST	Exc	LMLM Lock error	1 LMLM parameter list 2 STST parameter list
XM 0C09	DFHXMST	Exc	LMLM Unlock error	1 LMLM parameter list 2 STST parameter list
XM 1001	DFHXMIQ	XM 1	Entry	1 XMIQ parameter list
XM 1002	DFHXMIQ	XM 1	Exit	1 XMIQ parameter list
XM 1003	DFHXMIQ	Exc	Recovery	1 XMIQ parameter list 2 Kernel error data
XM 1004	DFHXMIQ	Exc	Invalid format	1 Invalid parameter list
XM 1005	DFHXMIQ	Exc	Invalid function	1 XMIQ parameter list
XM 1006	DFHXMIQ	Exc	APRM Inquire error	1 XMIQ parameter list 2 APRM parameter list
XM 1007	DFHXMIQ	Exc	DSBR Inquire_Task error	1 XMIQ parameter list 2 DSBR parameter list
XM 1008	DFHXMIQ	Exc	ICXM Inquire_Facility error	1 XMIQ parameter list 2 ICXM parameter list
XM 1009	DFHXMIQ	Exc	TDXM Inquire_Facility error	1 XMIQ parameter list 2 TDXM parameter list
XM 100A	DFHXMIQ	Exc	TFIQ Inquire_Term_Facility error	1 XMIQ parameter list 2 TFIQ parameter list
XM 100B	DFHXMIQ	Exc	TFIQ Inquire_Term_Facility error	1 XMIQ parameter list 2 TFIQ parameter list
XM 100C	DFHXMIQ	Exc	LMLM Lock error	1 XMIQ parameter list 2 LMLM parameter list
XM 100D	DFHXMIQ	Exc	LMLM Unlock error	1 XMIQ parameter list 2 LMLM parameter list
XM 100E	DFHXMIQ	Exc	Invalid browse token	1 XMIQ parameter list
XM 100F	DFHXMIQ	Exc	Invalid call to XMIQ	1 XMIQ parameter list
XM 1010	DFHXMIQ	Exc	Internal logic error	1 XMIQ parameter list

XM domain trace points

Table 102 (Page 6 of 7). Transaction manager domain trace entries

Point ID	Module	Lvl	Type	Data
XM 1011	DFHXMIQ	Exc	Internal logic error	1 XMIQ parameter list
XM 1012	DFHXMIQ	Exc	Internal logic error	1 XMIQ parameter list
XM 1013	DFHXMIQ	Exc	DSAT Cancel_Task error	1 XMIQ parameter list 2 DSAT parameter list
XM 1101	DFHXMAT	XM 1	Entry	1 XMAT parameter list
XM 1102	DFHXMAT	XM 1	Exit	1 XMAT parameter list
XM 1103	DFHXMAT	Exc	Recovery	1 XMAT parameter list 2 Kernel error data
XM 1104	DFHXMAT	Exc	Invalid format	1 XMAT parameter list 2 Shared parameter list
XM 1105	DFHXMAT	Exc	Invalid function	1 XMAT parameter list 2 Shared parameter list
XM 110C	DFHXMAT	Exc	LMLM Lock error	1 XMAT parameter list 2 LMLM parameter list
XM 110D	DFHXMAT	Exc	LMLM Unlock error	1 XMAT parameter list 2 DSBR parameter list
XM 110E	DFHXMAT	Exc	Unknown requested Kernal error code	1 XMAT parameter list 2 Shared parameter list
XM 110F	DFHXMAT	Exc	Transaction CSAC not found	1 XMAT parameter list 2 Shared parameter list
XM 1110	DFHXMAT	Exc	XMLD Locate&Lock_Trandef error	1 XMAT parameter list 2 XMLD parameter list
XM 1111	DFHXMAT	Exc	Invalid XXMATT return code	1 XMAT parameter list 2 Shared parameter list
XM 1112	DFHXMAT	Exc	No free Transaction number	1 XMAT parameter list 2 Shared parameter list
XM 1114	DFHXMAT	Exc	Scheduler error	1 XMAT parameter list 2 XMQC or DSAT parameter list
XM 1201	DFHXMER	Exc	Abend Transaction - Private to XM	1 XMER parameter list 2 Shared parameter list
XM 1202	DFHXMER	Exc	Bad message number	1 XMER parameter list 2 Shared parameter list
XM 1203	DFHXMER	Exc	Report Message not supported	1 XMER parameter list 2 Shared parameter list
XM 1204	DFHXMER	XM 1	Entry	1 XMER parameter list
XM 1205	DFHXMER	XM 1	Exit	1 XMER parameter list
XM 1206	DFHXMER	Exc	Invalid deferred abend code	1 XMER parameter list 2 Shared parameter list
XM 1207	DFHXMER	Exc	Invalid format	1 XMER parameter list 2 Shared parameter list
XM 1208	DFHXMER	Exc	Invalid function	1 XMER parameter list 2 Shared parameter list
XM 1209	DFHXMER	Exc	No current transaction	1 XMER parameter list 2 Shared parameter list
XM 120A	DFHXMER	Exc	No abend deferred	1 XMER parameter list 2 Shared parameter list
XM 120B	DFHXMER	Exc	Recovery	1 XMER parameter list 2 Kernel error data
XM 120C	DFHXMER	Exc	PGPG Initial_Link error	1 XMER parameter list 2 PGPG parameter list
XM 1301	DFHXMTA	Exc	APRM Transaction_Init error	1 DSAT parameter list 2 APRM parameter list
XM 1302	DFHXMTA	Exc	APRM Transaction_Term error	1 DSAT parameter list 2 APRM parameter list
XM 1303	DFHXMTA	Exc	APXM Transaction_Init error	1 DSAT parameter list 2 APXM parameter list
XM 1304	DFHXMTA	Exc	APXM Transaction_Term error	1 DSAT parameter list 2 APXM parameter list
XM 1305	DFHXMTA	XM 1	Entry	1 DSAT parameter list
XM 1306	DFHXMTA	XM 1	Exit	1 DSAT parameter list
XM 1307	DFHXMTA	Exc	ICXM Bind_Facility error	1 DSAT parameter list 2 ICXM parameter list
XM 1308	DFHXMTA	Exc	ICXM Release_Facility error	1 DSAT parameter list 2 ICXM parameter list
XM 1309	DFHXMTA	Exc	Invalid Format	1 DSAT parameter list 2 Shared parameter list
XM 130A	DFHXMTA	Exc	Invalid Function	1 DSAT parameter list 2 Shared parameter list
XM 130B	DFHXMTA	Exc	LMLM Lock error	1 DSAT parameter list 2 LMLM parameter list
XM 130C	DFHXMTA	Exc	Logic error	1 DSAT parameter list 2 Shared parameter list

Table 102 (Page 7 of 7). Transaction manager domain trace entries

Point ID	Module	Lvl	Type	Data
XM 130D	DFHXMTA	Exc	MNMN Transaction_Term error	1 DSAT parameter list 2 LMLM parameter list
XM 130E	DFHXMTA	Exc	PGXM Init_Transaction error	1 DSAT parameter list 2 PGXM parameter list
XM 130F	XMTA	Exc	PGXM Term_Transaction error	1 DSAT parameter list 2 PGXM parameter list
XM 1310	DFHXMTA	Exc	Recovery	1 DSAT parameter list 2 Kernel error data
XM 1311	DFHXMTA	Exc	APXM RMI_Start_Of_Task error	1 DSAT parameter list 2 APXM parameter list
XM 1312	DFHXMTA	Exc	SMAR Allocate_Tran_Stg error	1 DSAT parameter list 2 SMAR parameter list
XM 1313	DFHXMTA	Exc	SMAR Release_Tran_Stg error	1 DSAT parameter list 2 SMAR parameter list
XM 1314	DFHXMTA	Exc	TDXM Bind_Facility error	1 DSAT parameter list 2 TDXM parameter list
XM 1315	DFHXMTA	Exc	TDXM Release_Facility error	1 DSAT parameter list 2 TDXM parameter list
XM 1316	DFHXMTA	Exc	TFBF Bind_Facility error	1 DSAT parameter list 2 TFBF parameter list
XM 1317	DFHXMTA	Exc	TFRF Release_Facility error	1 DSAT parameter list 2 TFRF parameter list
XM 1318	DFHXMER	Exc	Unknown Kernal error	1 DSAT parameter list 2 Shared parameter list
XM 1319	DFHXMTA	Exc	LMLM Unlock error	1 DSAT parameter list 2 LMLM parameter list
XM 131A	DFHXMTA	Exc	USXM End_Transaction error	1 DSAT parameter list 2 USXM parameter list
XM 131B	DFHXMER	Exc	XSRC Check CICS Resource error	1 DSAT parameter list 2 XSRC parameter list
XM 131C	DFHXMTA	Exc	Scheduler error	1 DSAT parameter list 2 XMQC or DSAT parameter list
XM 131D	DFHXMTA	Exc	KEXM Transaction_Init error	1 DSAT parameter list 2 KEXM parameter list
XM 131E	DFHXMTA	XM 2	TXN control block	1 TXN control block
XM 1401	DFHXMXE	XM 1	Entry	1 XMXE parameter list
XM 1402	DFHXMXE	XM 1	Exit	1 XMXE parameter list
XM 1403	DFHXMXE	Exc	Invalid Format	1 XMXE parameter list 2 Shared parameter list
XM 1404	DFHXMXE	Exc	Invalid Function	1 XMXE parameter list 2 Shared parameter list
XM 1405	DFHXMXE	Exc	LMLM Lock error	1 XMXE parameter list 2 LMLM parameter list
XM 1406	DFHXMXE	Exc	Recovery	1 XMXE parameter list 2 Kernel error data
XM 1407	DFHXMXE	Exc	Too many Transactions	1 XMXE parameter list 2 Shared parameter list
XM 1408	DFHXMXE	Exc	Unknown Request	1 XMXE parameter list 2 Shared parameter list
XM 1409	DFHXMXE	Exc	LMLM Unlock error	1 XMXE parameter list 2 LMLM parameter list
XM 140A	DFHXMXE	Exc	Call not made on QR TCB	1 XMXE parameter list 2 DSBR parameter list

Security manager trace points

Table 103 (Page 1 of 3). Security manager trace entries

Point ID	Module	Lvl	Type	Data
XS 0101	DFHXSDM	XS 1	Entry	1 DFHXSDM parameter list
XS 0102	DFHXSDM	XS 1	Exit	1 DFHXSDM parameter list
XS 0103	DFHXSDM	Exc	Recovery	1 DFHXSDM parameter list 2 Kernel error data
XS 0104	DFHXSDM	Exc	Invalid format	1 DFHXSDM parameter list
XS 0105	DFHXSDM	Exc	Invalid function	1 DFHXSDM parameter list
XS 0106	DFHXSDM	Exc	Lock error	1 DFHXSDM parameter list
XS 0107	DFHXSDM	Exc	Unlock error	1 DFHXSDM parameter list
XS 0108	DFHXSDM	Exc	No storage for security domain anchor block	1 DFHXSDM parameter list
XS 0109	DFHXSDM	Exc	Initialization did not find SIT parms for security domain	1 DFHXSDM parameter list
XS 010A	DFHXSDM	Exc	Initialization did not find CICS SVC	1 DFHXSDM parameter list

XS domain trace points

Table 103 (Page 2 of 3). Security manager trace entries

Point ID	Module	Lvl	Type	Data
XS 0201	DFHXSAD	XS 1	Entry	1 DFHXSAD parameter list
XS 0202	DFHXSAD	XS 1	Exit	1 DFHXSAD parameter list
XS 0203	DFHXSAD	Exc	Recovery	1 XSAD parameter list 2 Kernel error data
XS 0204	DFHXSAD	Exc	Invalid format	1 DFHXSAD parameter list
XS 0205	DFHXSAD	Exc	Invalid function	1 DFHXSAD parameter list
XS 0206	DFHXSAD	Exc	DFHXSSA failure	1 DFHXSAD parameter list
XS 0207	DFHXSAD	Exc	DFHXSSB failure	1 DFHXSAD parameter list
XS 0301	DFHXSIS	XS 1	Entry	1 DFHXSIS parameter list
XS 0302	DFHXSIS	XS 1	Exit	1 DFHXSIS parameter list
XS 0303	DFHXSIS	Exc	Recovery	1 DFHXSIS parameter list 2 Kernel error data
XS 0304	DFHXSIS	Exc	Invalid format	1 DFHXSIS parameter list
XS 0305	DFHXSIS	Exc	Invalid function	1 DFHXSIS parameter list
XS 0306	DFHXSIS	Exc	DFHXSSC failure	1 DFHXSIS parameter list
XS 0307	DFHXSIS	Exc	DFHXSSI failure	1 DFHXSIS parameter list
XS 0308	DFHXSIS	Exc	Extract lock error	1 DFHXSIS parameter list
XS 0309	DFHXSIS	Exc	Extract unlock error	1 DFHXSIS parameter list
XS 030A	DFHXSIS	Exc	Rebuild lock error	1 DFHXSIS parameter list
XS 030B	DFHXSIS	Exc	Rebuild unlock error	1 DFHXSIS parameter list
XS 0401	DFHXSXM	XS 1	Entry	1 DFHXSXM parameter list
XS 0402	DFHXSXM	XS 1	Exit	1 DFHXSXM parameter list
XS 0403	DFHXSXM	Exc	Recovery	1 DFHXSXM parameter list 2 Kernel error data
XS 0404	DFHXSXM	Exc	Invalid format	1 DFHXSXM parameter list
XS 0405	DFHXSXM	Exc	Invalid function	1 DFHXSXM parameter list
XS 0406	DFHXSXM	Exc	GETMAIN failure	1 DFHXSXM parameter list
XS 0501	DFHXSFL	XS 1	Entry	1 DFHXSFL parameter list
XS 0502	DFHXSFL	XS 1	Exit	1 DFHXSFL parameter list
XS 0503	DFHXSFL	Exc	Recovery	1 DFHXSFL parameter list
XS 0504	DFHXSFL	Exc	Invalid format	1 DFHXSFL parameter list
XS 0505	DFHXSFL	Exc	Invalid function	1 DFHXSFL parameter list
XS 0506	DFHXSFL	Exc	Invalid security token	1 DFHXSFL parameter list
XS 0507	DFHXSFL	Exc	Invalid format passed to DFHXSSA	1 DFHXSFL parameter list
XS 0508	DFHXSFL	Exc	Invalid function passed to DFHXSSA	1 DFHXSFL parameter list
XS 0509	DFHXSFL	Exc	Invalid flattened buffer	1 DFHXSFL parameter list
XS 050A	DFHXSFL	Exc	Disastrous error in DFHXSSA	1 DFHXSFL parameter list
XS 0601	DFHXSPW	XS 1	Entry	1 DFHXSPW parameter list
XS 0602	DFHXSPW	XS 1	Exit	1 DFHXSPW parameter list
XS 0603	DFHXSPW	Exc	Recovery	1 DFHXSPW parameter list 2 Kernel error data
XS 0604	DFHXSPW	Exc	Invalid format	1 DFHXSPW parameter list
XS 0605	DFHXSPW	Exc	Invalid function	1 DFHXSPW parameter list
XS 0606	DFHXSPW	Exc	CICS SVC failure	1 DFHXSPW parameter list
XS 0607	DFHXSPW	Exc	DFHXSSD failure	1 DFHXSPW parameter list
XS 0701	DFHXSRC	XS 1	Entry	1 DFHXSRC parameter list
XS 0702	DFHXSRC	XS 1	Exit	1 DFHXSRC parameter list
XS 0703	DFHXSRC	Exc	Recovery	1 DFHXSRC parameter list 2 Kernel error data
XS 0704	DFHXSRC	Exc	Invalid format	1 DFHXSRC parameter list
XS 0705	DFHXSRC	Exc	Invalid function	1 DFHXSRC parameter list
XS 0706	DFHXSRC	Exc	Lock error	1 DFHXSRC parameter list
XS 0707	DFHXSRC	Exc	Unlock error	1 DFHXSRC parameter list
XS 0708	DFHXSRC	Exc	Dispatcher error	1 DFHXSRC parameter list
XS 0709	DFHXSRC	Exc	Resource check entry	1 XSRC parameter list 2 Resource name
XS 070A	DFHXSRC	XS 1	Resource check exit	1 XSRC parameter list 2 Resource name 3 Owning Userid
XS 070B	DFHXSRC	Exc	Resource check error	1 XSRC parameter list 2 Resource name 3 Owning Userid
XS 070D	DFHXSRC	Exc	Invalid access	1 DFHXSRC parameter list
XS 070E	DFHXSRC	Exc	DFHXSSC failure	1 DFHXSRC parameter list
XS 0801	DFHXSLU	XS 1	Entry	1 DFHXSLU parameter list
XS 0802	DFHXSLU	XS 1	Exit	1 DFHXSLU parameter list
XS 0803	DFHXSLU	Exc	Recovery	1 DFHXSLU parameter list 2 Kernel error data
XS 0804	DFHXSLU	Exc	Invalid format	1 DFHXSLU parameter list
XS 0805	DFHXSLU	Exc	Invalid function	1 DFHXSLU parameter list
XS 0806	DFHXSLU	Exc	ESTAE error in CICS SVC	1 DFHXSLU parameter list
XS 0807	DFHXSLU	Exc	EXTRACT error in CICS SVC	1 DFHXSLU parameter list

Table 103 (Page 3 of 3). Security manager trace entries

Point ID	Module	Lvl	Type	Data
XS 0808	DFHXSLU	Exc	CICS SVC error	1 DFHXSLU parameter list
XS 0809	DFHXSLU	Exc	Lock manager failure	1 DFHXSLU parameter list
XS 080A	DFHXSLU	Exc	Lock manager failure	1 DFHXSLU parameter list
XS FE01	DFHXSAD	XS 1	Before CICS SVC	1 PLPL parameter list
	DFHXSADM			
	DFHXSFL			
	DFHXSIS			
	DFHXSLU			
	DFHXSPW			
	DFHXSRC			
XS FE02	DFHXSAD	XS 1	After CICS SVC	1 PLPL parameter list
	DFHXSADM			
	DFHXSFL			
	DFHXSIS			
	DFHXSLU			
	DFHXSPW			
	DFHXSRC			
XS FE03	DFHXSAD	XS 1	Installation data if available	1 Installation data
	DFHXSADM			
	DFHXSFL			
	DFHXSIS			
	DFHXSLU			
	DFHXSPW			
	DFHXSRC			
XS FE04	DFHXSAD	Exc	CICS SVC error	1 PLPL parameter list
	DFHXSADM			
	DFHXSFL			
	DFHXSIS			
	DFHXSLU			
	DFHXSPW			
	DFHXSRC			
XS FE05	DFHXSAD	Exc	CICS SVC failed	1 SVC registers
	DFHXSADM			
	DFHXSFL			
	DFHXSIS			
	DFHXSLU			
	DFHXSPW			
	DFHXSRC			

Bibliography

CICS Transaction Server for VSE/ESA Release 1 library

Evaluation and planning	
<i>Enhancements Guide</i>	GC34-5763
<i>Release Guide</i>	GC33-1645
<i>Migration Guide</i>	GC33-1646
<i>Report Controller Planning Guide</i>	SC33-1941
General	
<i>Master Index</i>	SC33-1648
<i>Trace Entries</i>	SX33-6108
<i>User's Handbook</i>	SX33-6101
<i>Glossary (softcopy only)</i>	GC33-1649
Administration	
<i>System Definition Guide</i>	SC33-1651
<i>Customization Guide</i>	SC33-1652
<i>Resource Definition Guide</i>	SC33-1653
<i>Operations and Utilities Guide</i>	SC33-1654
<i>CICS-Supplied Transactions</i>	SC33-1655
Programming	
<i>Application Programming Guide</i>	SC33-1657
<i>Application Programming Reference</i>	SC33-1658
<i>Sample Applications Guide</i>	SC33-1713
<i>Application Migration Aid Guide</i>	SC33-1943
<i>System Programming Reference</i>	SC33-1659
<i>Distributed Transaction Programming Guide</i>	SC33-1661
<i>Front End Programming Interface User's Guide</i>	SC33-1662
<i>REXX Guide</i>	SC34-5764
Diagnosis	
<i>Problem Determination Guide</i>	GC33-1663
<i>Messages and Codes Vol 3 (softcopy only)</i>	SC33-6799
<i>Diagnosis Reference</i>	LY33-6085
<i>Data Areas</i>	LY33-6086
<i>Supplementary Data Areas</i>	LY33-6087
Communication	
<i>Intercommunication Guide</i>	SC33-1665
<i>Internet Guide</i>	SC34-5765
<i>CICS Family: Interproduct Communication</i>	SC33-0824
<i>CICS Family: Communicating from CICS on System/390</i>	SC33-1697
Special topics	
<i>Recovery and Restart Guide</i>	SC33-1666
<i>Performance Guide</i>	SC33-1667
<i>Shared Data Tables Guide</i>	SC33-1668
<i>Security Guide</i>	SC33-1942
<i>External Interfaces Guide</i>	SC33-1669
<i>XRF Guide</i>	SC33-1671
<i>Report Controller User's Guide</i>	SC34-5688
CICS Clients	
<i>CICS Clients: Administration</i>	SC33-1792
<i>CICS Universal Clients Version 3 for OS/2: Administration</i>	SC34-5450
<i>CICS Universal Clients Version 3 for Windows: Administration</i>	SC34-5449
<i>CICS Universal Clients Version 3 for AIX: Administration</i>	SC34-5348
<i>CICS Universal Clients Version 3 for Solaris: Administration</i>	SC34-5451
<i>CICS Family: OO programming in C++ for CICS Clients</i>	SC33-1923
<i>CICS Family: OO programming in BASIC for CICS Clients</i>	SC33-1671
<i>CICS Family: Client/Server Programming</i>	SC33-1435
<i>CICS Transaction Gateway Version 3: Administration</i>	SC34-5448

Books from VSE/ESA 2.5 base program libraries

VSE/ESA Version 2 Release 5

Book title	Order number
Administration	SC33-6705
Diagnosis Tools	SC33-6614
Extended Addressability	SC33-6621
Guide for Solving Problems	SC33-6710
Guide to System Functions	SC33-6711
Installation	SC33-6704
Licensed Program Specification	GC33-6700
Messages and Codes Volume 1	SC33-6796
Messages and Codes Volume 2	SC33-6798
Messages and Codes Volume 3	SC33-6799
Networking Support	SC33-6708
Operation	SC33-6706
Planning	SC33-6703
Programming and Workstation Guide	SC33-6709
System Control Statements	SC33-6713
System Macro Reference	SC33-6716
System Macro User's Guide	SC33-6715
System Upgrade and Service	SC33-6702
System Utilities	SC33-6717
TCP/IP User's Guide	SC33-6601
Turbo Dispatcher Guide and Reference	SC33-6797
Unattended Node Support	SC33-6712

High-Level Assembler Language (HLASM)

Book title	Order number
General Information	GC26-8261
Installation and Customization Guide	SC26-8263
Language Reference	SC26-8265
Programmer's Guide	SC26-8264

Language Environment for VSE/ESA (LE/VSE)

Book title	Order number
C Run-Time Library Reference	SC33-6689
C Run-Time Programming Guide	SC33-6688
Concepts Guide	GC33-6680
Debug Tool for VSE/ESA Fact Sheet	GC26-8925
Debug Tool for VSE/ESA Installation and Customization Guide	SC26-8798
Debug Tool for VSE/ESA User's Guide and Reference	SC26-8797
Debugging Guide and Run-Time Messages	SC33-6681
Diagnosis Guide	SC26-8060
Fact Sheet	GC33-6679
Installation and Customization Guide	SC33-6682
LE/VSE Enhancements	SC33-6778
Licensed Program Specification	GC33-6683
Programming Guide	SC33-6684
Programming Reference	SC33-6685
Run-Time Migration Guide	SC33-6687
Writing Interlanguage Communication Applications	SC33-6686

VSE/ICCF

Book title	Order number
Administration and Operations	SC33-6738
User's Guide	SC33-6739

VSE/POWER

Book title	Order number
Administration and Operation	SC33-6733
Application Programming	SC33-6736
Networking Guide	SC33-6735
Remote Job Entry User's Guide	SC33-6734

VSE/VSAM

Book title	Order number
Commands	SC33-6731
User's Guide and Application Programming	SC33-6732

VTAM for VSE/ESA

Book title	Order number
Customization	LY43-0063
Diagnosis	LY43-0065
Data Areas	LY43-0104
Messages and Codes	SC31-6493
Migration Guide	GC31-8072
Network Implementation Guide	SC31-6494
Operation	SC31-6495
Overview	GC31-8114
Programming	SC31-6496
Programming for LU6.2	SC31-6497
Release Guide	GC31-8090
Resource Definition Reference	SC31-6498

Books from VSE/ESA 2.5 optional program libraries

C for VSE/ESA (C/VSE)

Book title	Order number
C Run-Time Library Reference	SC33-6689
C Run-Time Programming Guide	SC33-6688
Diagnosis Guide	GC09-2426
Installation and Customization Guide	GC09-2422
Language Reference	SC09-2425
Licensed Program Specification	GC09-2421
Migration Guide	SC09-2423
User's Guide	SC09-2424

COBOL for VSE/ESA (COBOL/VSE)

Book title	Order number
Debug Tool for VSE/ESA Fact Sheet	GC26-8925
Debug Tool for VSE/ESA Installation and Customization Guide	SC26-8798
Debug Tool for VSE/ESA User's Guide and Reference	SC26-8797
Diagnosis Guide	SC26-8528
General Information	GC26-8068
Installation and Customization Guide	SC26-8071
Language Reference	SC26-8073
Licensed Program Specifications	GC26-8069
Migration Guide	GC26-8070
Migrating VSE Applications To Advanced COBOL	GC26-8349
Programming Guide	SC26-8072

DB2 Server for VSE

Book title	Order number
Application Programming	SC09-2393
Database Administration	GC09-2389
Installation	GC09-2391
Interactive SQL Guide and Reference	SC09-2410
Operation	SC09-2401
Overview	GC08-2386
System Administration	GC09-2406

DL/I VSE

Book title	Order number
Application and Database Design	SH24-5022
Application Programming: CALL and RQDLI Interface	SH12-5411
Application Programming: High-Level Programming Interface	SH24-5009
Database Administration	SH24-5011
Diagnostic Guide	SH24-5002
General Information	GH20-1246
Guide for New Users	SH24-5001
Interactive Resource Definition and Utilities	SH24-5029
Library Guide and Master Index	GH24-5008
Licensed Program Specifications	GH24-5031
Low-level Code and Continuity Check Feature	SH20-9046
Library Guide and Master Index	GH24-5008
Messages and Codes	SH12-5414
Recovery and Restart Guide	SH24-5030
Reference Summary: CALL Program Interface	SX24-5103
Reference Summary: System Programming	SX24-5104
Reference Summary: HLPI Interface	SX24-5120
Release Guide	SC33-6211

PL/I for VSE/ESA (PL/I VSE)

Book title	Order number
Compile Time Messages and Codes	SC26-8059
Debug Tool For VSE/ESA User's Guide and Reference	SC26-8797
Diagnosis Guide	SC26-8058
Installation and Customization Guide	SC26-8057
Language Reference	SC26-8054
Licensed Program Specifications	GC26-8055
Migration Guide	SC26-8056
Programming Guide	SC26-8053
Reference Summary	SX26-3836

Screen Definition Facility II (SDF II)

Book title	Order number
VSE Administrator's Guide	SH12-6311
VSE General Introduction	SH12-6315
VSE Primer for CICS/BMS Programs	SH12-6313
VSE Run-Time Services	SH12-6312

Notices

This information was developed for products and services offered in the U.S.A. IBM may not offer the products, services, or features discussed in this document in other countries. Consult your local IBM representative for information on the products and services currently available in your area. Any reference to an IBM product, program, or service is not intended to state or imply that only that IBM product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any IBM intellectual property right may be used instead. However, it is the user's responsibility to evaluate and verify the operation of any non-IBM product, program, or service.

IBM may have patents or pending patent applications covering subject matter described 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:

IBM Director of Licensing
IBM Corporation
North Castle Drive
Armonk, NY 10504-1785
U.S.A.

For license inquiries regarding double-byte (DBCS) information, contact the IBM Intellectual Property Department in your country or send inquiries, in writing, to:

IBM World Trade Asia Corporation
Licensing
2-31 Roppongi 3-chome, Minato-ku
Tokyo 106, Japan

The following paragraph does not apply in the United Kingdom or any other country where such provisions are inconsistent with local law:

INTERNATIONAL BUSINESS MACHINES CORPORATION PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE. Some states do not allow disclaimer of express or implied warranties in certain transactions, therefore this statement may not apply to you.

This publication could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in new editions of the publication. IBM may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time without notice.

Licensees of this program who wish to have information about it for the purpose of enabling: (i) the exchange of information between independently created programs and other programs (including this one) and (ii) the mutual use of the information which has been exchanged, should contact IBM United Kingdom Laboratories, MP151, Hursley Park, Winchester, Hampshire, England, SO21 2JN. Such information may be available, subject to appropriate terms and conditions, including in some cases, payment of a fee.

The licensed program described in this document and all licensed material available for it are provided by IBM under terms of the IBM Customer Agreement, IBM International Programming License Agreement, or any equivalent agreement between us.

Trademarks and service marks

The following terms, used in this publication, are trademarks or service marks of IBM Corporation in the United States or other countries:

Bookmanager, CICS, CICS/VSE, IBM, NetView,
RETAIN, VSE/ESA, VTAM

Index

F

FEPI

- See front end programming interface
- front end programming interface (FEPI)
 - trace 52

T

trace

- Cancel start requests 76
- transaction initiation 59
- trace entries, interpretation
 - AP 00C3, DFHCCNV 4
 - AP 00C4, DFHWMS 5
 - AP 00C5, DFHXRCP 5
 - AP 00C6, DFHXRSP 6
 - AP 00C7, DFHXRRA 7
 - AP 00CB, DFHDBP 8
 - AP 00CD, BMS 8
 - AP 00CE, DFHRCP 8
 - AP 00CF, DFHMCP 9
 - AP 00D3, DFHLUP 9
 - AP 00D6, DFHALP 9
 - AP 00D7, DFHDIP 10
 - AP 00DC, DFHACP 11
 - AP 00DE, DFHSKP 12
 - AP 00DF, DFHISP 12
 - AP 00E0, DFHMGP 13
 - AP 00E1, DFHEIP 13
 - AP 00E2, DFHPUP 14
 - AP 00E6, DFHTCP 14
 - AP 00E7, DFHERM 15
 - AP 00EA, DFHTMP 16
 - AP 00EB, DFHAMP 17
 - AP 00EC, DFHDMP 19
 - AP 00EF, DFHTOR 21
 - AP 00F3, DFHICP 21
 - AP 00F7, DFHTSP 23
 - AP 00FA, DFHBMS 23
 - AP 00FB, DFHEBF 26
 - AP 00FC, DFHZCP 26
 - AP 00FE, trace control 28
 - AP 00FF, trace control 29
 - AP 02xx, journal archiving services 30
 - AP 04xx, file control 32
 - AP 05xx, transaction manager 35
 - AP 07xx, system recovery 36
 - AP 08xx, LU6.2 transaction routing 37
 - AP 09xx, DM gate 38
 - AP 0Axx, XRF takeover 39
 - AP 0Bxx, data tables 40
 - AP 0Bxx, file control 43
- trace entries, interpretation (*continued*)
 - AP 0Cxx, common programming interface 44
 - AP 0Exx, CICS OS/2 mirror program 51
 - AP 0Fxx, autoinstall terminal model manager 51
 - AP 0Fxx, partner resource manager 51
 - AP 17xx, transaction initiation 59
 - AP 19xx, application language interface 61
 - AP 20xx, program control 70
 - AP 20xx, signon 70
 - AP D5xx, user exit routines 75
 - AP D6xx, cancel start requests 76
 - AP D8xx, syncpoint program 77
 - AP D9xx, function shipping data transformation 77
 - AP DApp, AP domain statistics gathering 77
 - AP DBxx, transaction routing data transformation 80
 - AP DDxx, IRC commands 80
 - AP E1xx, EXEC interface 83
 - AP E3xx, report controller 84
 - AP E5xx, security 87
 - AP F0xx, transaction manager 88
 - AP F1xx, storage control SM interface 88
 - AP F2xx, program control 88
 - AP F3xx, interval control 88
 - AP F4xx, dump control 89
 - AP F6xx, transient data 89
 - AP F9xx, journal control 90
 - AP FApp, autoinstall for APPC sessions 90
 - AP FBxx, VTAM 93
 - AP FCxx, terminal control 97
 - AP FDxx, terminal control (intersystem communication) 101
 - AP FExx, terminal control (LU6.2 application requests) 104
 - AP FFxx, sequential I/O simulation code 107
 - CC xxxx, catalog domain 109
 - DD xxxx, directory domain 111
 - DF xxxx, DMF domain 110
 - DM xxxx, domain manager domain 114
 - DS xxxx, dispatcher domain 115
 - DU xxxx, dump domain 119
 - EX xxxx, external CICS interface 122
 - FEPI trace 52
 - KE xxxx, kernel domain 128
 - LD xxxx, loader domain 130
 - LM xxxx, lock manager domain 134
 - ME xxxx, message domain 136
 - MN xxxx, monitoring domain 137
 - PA xxxx, parameter manager domain 140
 - PG xxxx, program manager domain 140
 - SM xxxx, storage manager domain 147
 - ST xxxx, statistics domain 153
 - TI xxxx, timer domain 154
 - TR xxxx, trace domain 154

trace entries, interpretation (*continued*)

US xxxx, user domain 155

WB xxxx, web domain 157

XM xxxx, transaction manager domain 159

XS xxxx, security manager 165

V

VTAM

single-node persistent session support 92

Sending your comments to IBM

CICS® Transaction Server for VSE/ESA™

Trace Entries

SX33-6108-06

If you want to send to IBM any comments you have about this book, please use one of the methods listed below. Feel free to comment on anything you regard as a specific error or omission in the subject matter, and on the clarity, organization or completeness of the book itself.

To request additional publications, or to ask questions or make comments about the functions of IBM products or systems, you should talk to your IBM representative or to your IBM authorized remarketer.

When you send comments to IBM, you grant IBM a nonexclusive right to use or distribute your comments in any way it believes appropriate, without incurring any obligation to you.

You can send your comments to IBM in any of the following ways:

- By mail:
 - User Technologies Department (MP 095)
 - IBM United Kingdom Laboratories
 - Hursley Park
 - WINCHESTER
 - Hampshire
 - SO21 2JN
 - United Kingdom
- By fax:
 - From outside the U.K., after your international access code use 44 1962 842327
 - From within the U.K., use 01962 842327
- Electronically, use the appropriate network ID:
 - IBM Mail Exchange: GBIBM2Q9 at IBMMAIL
 - IBMLink: HURSLEY(IDRCF)
 - Email: idrcf@hursley.ibm.com

Whichever method you use, ensure that you include:

- The publication number and title
- The page number or topic to which your comment applies
- Your name and address/telephone number/fax number/network ID.



Program Number: 5648-054

SX33-6108-06

