

API Diagnostic Codes

This chapter defines diagnostic information returned by the Cisco IOS for S/390 API macro instructions. It includes tables, listed by module name, with both 2-byte and 4-byte diagnostic codes and their descriptions. For more information on API codes returned in registers, refer to Chapter 4, API Return Codes.

Diagnostic Code ranges in this chapter:

- C006xxxx T010PNW
- C100xxxx T010PPC
- C200xxxx T010SPC
- C301xxxx (24xx) T01XACPT
- C404xxxx (3Bxx) T01ASWDN
- C502xxxx T01ESCF
- C602xxxx T01SMOVE
- C704xxxx T01AMIUC
- C805xxxx T01XTTCP
- C901xxxx T01SIMUX

Diagnostic Codes

Two bytes of diagnostic codes are stored for certain errors to provide more information about their cause. Often this information is protocol- or implementation-dependent and is not standardized across all transport providers. Therefore, the application program should use this data for informational purposes only and should not make procedural decisions based on its content. It is recommended that any diagnostic messages written by the application program in response to an error contain a copy of this information.

If the high order bit of the diagnostic code is on, the code is the MVS system ABEND code. For these codes, refer to the appropriate IBM manual.

If the high order bit is off, the first byte is the module ID number and the second byte is a sequential error number assigned by the module. This table identifies the source module that issues a particular diagnostic code.

If you are using the expanded TPL, diagnostic codes are 4 bytes - 2 bytes for the module ID and 2 bytes for the instance codes.

Short (2 byte) diagnostic codes are returned if you are using a TPL that does not have the expanded diagnostic field. The TPL field TPLDGNCD holds a 1-byte module ID and a 1-byte instance ID. These short codes are then mapped to a 4 byte diagnostic code. If you use a TPL that has the expanded diagnostic field, the full 4 byte code will be returned in field TPLXDIAG.

The tables list both the 4-byte code and the 2-byte code. The instance ID uses only the last byte of the 2-byte instance field in TPLXDIAG so no mapping is required for the 1-byte instance ID.

As previously described, you will need to refer to the values returned in Register 0 and Register 15 to determine the type of error that occurred.

The first byte of the 2-byte diagnostic code represents the module that issued the code. The second byte specifies the instance id that indicates where in the module the error occurred.

The following tables lists the codes and their description. Also included is the 2-byte module Code Mapping if applicable.

C006xxxx T010PNW

Table 5-1 X'C006' Instance Codes

4-byte code	Description
C0060001	Domain not supported (not AF_INET); message number T01OE111E is generated (described in Cisco IOS for S/390 Prefixed Messages)
C0060002	Insufficient storage for Inode creation; message number T01OE112E is generated (described in Cisco IOS for S/390 Prefixed Messages).
C0060003	A serious error was encountered while invoking IEANTCR services for Name/Token Pair; message number T01OE114E is generated (described in Cisco IOS for S/390 Prefixed Messages).

C100xxxx T010PPC

Table 5-2 X'C100' Instance Codes

4-byte code	Description
C1000001	Cisco IOS for S/390 not up; resources not available (subsystem ID not found).
C1000002	Cisco IOS for S/390 not up; resources not available (SSIT ASID=0).
C1000003	Cisco IOS for S/390 not up; resources not available (ASCB is equal to or less than zero).
C1000004	Cisco IOS for S/390 not up; resources not available (ASCB not matched)
C1000005	Cisco IOS for S/390 not up; resources not available (SAVT=0)
C1000006	Cisco IOS for S/390 not up; resources not available (SAVX=0).
C1000007	Cisco IOS for S/390 not up; resources not available (no program call number).
C1000008	Cisco IOS for S/390 shutdown in progress (SSIT ASID=0).
C1000009	Cisco IOS for S/390 shutdown in progress (ASCB=<0).
C100000A	Cisco IOS for S/390 shutdown in progress (ASCB not matched).
C100000B	Cisco IOS for S/390 shutdown in progress (SAVT=0).
C100000C	Cisco IOS for S/390 shutdown in progress (SAVX=0).
C100000D	Cisco IOS for S/390 shutdown in progress (no program call number).

C101xxxx T010PSK

Table 5-3 X'C101' Instance Codes

4-byte code	Description
C1010001	Not a socket call; socketpair call is not supported.
C1010002	Too many files (sockets) open. The maximum number of supported sockets has been reached. Increase the number of sockets supported by OpenEdition and rerun the job.
C10100xx	Unable to get vnode; xx is the return code from Osi_Getvnode. Return codes from individual calls are documented in IBM's OpenEdition MVS File System Interface Reference.

C102xxxx T010PAC

Table 5-4 X'C102' Instance Codes

4-byte code	Description
C1020001	Too many files (sockets) open. The maximum number of supported sockets has been reached. Increase the number of sockets supported by OpenEdition and rerun the job.
C10200xx	Unable to get vnode; xx is the return code from Osi_Getvnode. Return codes from individual calls are documented in the IBM manual OpenEdition MVS File System Interface Reference.

C107xxxx T010PSO

Table 5-5 X'C107' Instance Codes

4-byte code	Description
C1070001	Socket direction is not a get or set. The getsockopt or setsockopt function is expected, but the value passed in the OpenEdition parameter list is invalid.

C200xxxx T010SPC

Table 5-6 X'C200' Instance Codes

4-byte code	Description
C2000001	Storage unavailable.
C2000002	SPCB not found.
C2000003	PSVT not found.
C2000004	SEPM address not provided.
C2000005	SEPM ID is incorrect.
C2000006	SEPM ASID/ASCB/TCB is incorrect.
C2000007	SEPM INOD is incorrect
C2000008	Endpoint terminating.
C2000009	Caller has active FRR.
C200000A	Cisco IOS for S/390 shutdown in progress (SAVT=0).

Table 5-6 X'C200' Instance Codes (Continued)

4-byte code	Description
C200000B	Cisco IOS for S/390 shutdown in progress (SAVX=0).
C200000C	Caller's ASID is out of range.
C200000D	Unable to obtain storage for CSQB.
C200000E	Cisco IOS for S/390 is terminating.
C200000F	Cisco IOS for S/390 was recycled.
C20000FF	User ABEND. This module has ABENDED while processing a socket interface request. Ensure that the parameters to this call are correct.

C201xxxx T010SSK

Table 5-7 X'C201' Instance Codes

4-byte code	Description
C2010001	Memory not sufficient to get SEPM; sockets endpoint control block cannot be built due to storage constraints.
C2010002	Socket type not supported; greater than 255.
C2010003	Socket type not supported; not SOCK_STREAM, SOCK_DGRAM or SOCK_RAW.
C2010004	Socket protocol not supported, greater than 255.
C2010005	Socket protocol not supported; not compatible with socket type.
C2010006	Socket protocol not supported; not compatible with socket type.
C2010007	Socket protocol not supported; not compatible with socket type.
C201000A	Insufficient memory to get MBUF; memory buffer area cannot be built due to storage constraints.
C201000B	Not privileged for this call (type=SOCK_RAW); requires superuser/system privilege.
C201000C	A shortage exists in the Cisco IOS for S/390 address space. New socket creation is denied.
C201xxxx	Access error from SAF security routine service call; xxxx is SAFRC/RC/RSN code.

C202xxxx T010SAC

Table 5-8 X'C202' Instance Codes

4-byte code	Description
C2020001	Osi_structure size incorrect; control block length value passed in parameter list is outside the minimum/maximum range allowed.
C2020002	Insufficient memory to get SAW; sockets API work element control block cannot be built due to storage constraints.
C20201xx	Osi_wait call failed; event code is SETUPSIG; xx is return code from Osi_wait. Return codes from individual calls are documented in the IBM manual OpenEdition MVS File System Interface Reference.
C20202xx	Osi_wait call failed; event code is SUSPEND; 'xx' is return code from Osi_wait. Return codes from individual calls are documented in the IBM manual OpenEdition MVS File System Interface Reference.

Table 5-8 X'C202' Instance Codes (Continued)

4-byte code	Description
C20203xx	Get Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C20204xx	Free Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C20205xx	Get Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C20206xx	Free Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C20207xx	Get Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C20208xx	Free Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C20209xx	Get Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C2020999	Osi_wait function unavailable; invalid address for OSI services(OSIT)
C2020Axx	Free Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C2020Bxx	Get Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C2020Cxx	Free Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C2020Dxx	Get Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C2020Exx	Free Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.

C203xxxx T010SBD

Table 5-9 X'C203' Instance Codes

4-byte code	Description
C2030002	Sockaddr structure size is incorrect; a minimum length of 8 is required; the value passed was less than minimum.
C2030004	Insufficient memory to get SAW; sockets API work element control block cannot be built due to storage constraints.
C2030008	Insufficient memory to get MBUF; memory buffer area cannot be built due to storage constraints.
C2030009	Insufficient authority; not system or superuser
C20301xx	Osi_wait call failed; event code is SETUP; xx is return code from Osi_wait. Return codes from individual calls are documented in the IBM manual OpenEdition MVS File System Interface Reference.
C20302xx	Osi_wait call failed; event code is SUSPEND; xx is return code from Osi_wait. Return codes from individual calls are documented in the IBM manual OpenEdition MVS File System Interface Reference.
C203xxxx	Access error from SAF security routine service call; xxxx is SAFRC/RC/RSN code. If the high order bit is on in this reason code, Read Security Access Errors for more information.

C204xxxx T010SCL

Table 5-10 X'C204' Instance Codes

4-byte code	Description
C2040001	Insufficient memory to get SAW; sockets API work element control block cannot be built due to storage constraints.
C20403xx	Get Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C20404xx	Get Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C20405xx	Free Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C20406xx	Free Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C20407xx	Free Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C20408xx	Free Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C20409xx	Get Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.

C205xxxx T010SCN

Table 5-11 X'C205' Instance Codes

4-byte code	Description
C2050001	Sockaddr structure size incorrect. A minimum length of 8 is required; the value passed was less than minimum.
C2050002	Osi_structure size incorrect; control block length value passed in parameter list is outside the minimum/maximum range allowed.
C2050003	Insufficient memory to get SAW; sockets API work element control block cannot be built due to storage constraints.
C20501xx	Osi_wait call failed; event code is SETUPSIG; xx is return code from Osi_wait. Return codes from individual calls are documented in the IBM manual OpenEdition MVS File System Interface Reference.
C20502xx	Osi_wait call failed; event code is SUSPEND; xx is return code from Osi_wait. Return codes from individual calls are documented in the IBM manual OpenEdition MVS File System Interface Reference.
C20503xx	Get Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C20504xx	Free Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C20505xx	Get Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C20506xx	Free Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C20507xx	Get Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C20508xx	Free Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C2050999	Osi_wait function unavailable; invalid address for OSI services (OSIT).

C206xxxx T010SGN

Table 5-12 X'C206' Instance Codes

4-byte code	Description
C2060001	Insufficient memory to get SAW; sockets API work element control block cannot be built due to storage constraints.
C20601xx	Get Latch failed; xx is Ilatch return code. Read Ilatch Errors I for more information.
C20602xx	Free Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.

C207xxxx T010SGO

Table 5-13 X'C207' Instance Codes

4-byte code	Description
C2070001	Option data length is zero; invalid value passed in OpenEdition parameter list for option buffer size from getsockopt call.
C2070002	Insufficient memory to get SAW; sockets API work element control block cannot be built due to storage constraints.
C20701xx	Get Latch failed; xx is Ilatch return code. Read Ilatch Errors I for more information.
C20702xx	Free Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.

C208xxxx T010SSO

Table 5-14 X'C208' Instance Codes

4-byte code	Description
C2080001	Osi_structure size incorrect; control block length value passed in parameter list is outside the minimum/maximum range allowed.
C2080002	Option data length is invalid; unexpected value passed in OpenEdition parameter list for option buffer size from setsockopt call.
C2080003	Insufficient memory to get SAW; sockets API work element control block cannot be built due to storage constraints.
C20801xx	Get Latch failed; xx is Ilatch return code. Read Ilatch Errors I for more information.
C20802xx	Free Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.

C209xxxx T010SIO

Table 5-15 X'C209' Instance Codes

4-byte code	Description
C2090002	Osi_structure size incorrect; control block length value passed in parameter list is outside the minimum/maximum range allowed.
C2090003	Invalid argument length; unexpected value passed in OpenEdition parameter list.

Table 5-15 X'C209' Instance Codes

4-byte code	Description
C2090004	Insufficient memory to get SAW; sockets API work element control block cannot be built due to storage constraints.
C2090005	Insufficient memory to get MBUF; memory buffer area cannot be built due to storage constraints.
C2090006	Osi_wait function unavailable; invalid address for OSI services (OSIT).
C2090008	Insufficient memory to get MBUF; memory buffer area cannot be built due to storage constraints.
C20901xx	Get Latch failed; xx is Ilatch return code. Read Ilatch Errors I for more information.
C20902xx	Free Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C209xxxx	Access error from SAF security routine service call; xxxx is SAFRC/RC/RSN code. If the high order bit is on in this reason code, Read Security Access Errors later in this chapter to determine the return codes.

C20Axxxx T010SLI

Table 5-16 X'C20A' Instance Codes

4-byte code	Description
C20A0001	Socket type not set to stream; stream type socket required for listen().
C20A0003	Insufficient memory to get SAW; sockets API work element control block cannot be built due to storage constraints.
C20A01xx	Get Latch failed; xx is Ilatch return code. Read Ilatch Errors I for more information.
C20A02xx	Free Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.

C20Bxxxx T010SRD

Table 5-17 X'C20B' Instance Codes

4-byte code	Description
C20B0001	Read byte count passed in OpenEdition parameter list is negative.
C20B0002	Osi_structure size incorrect; control block length value passed in parameter list is outside the minimum/maximum range allowed. Ensure that the s_osi data structure has not changed in size in OpenEdition.
C20B0003	Insufficient memory to get SAW; sockets API work element control block cannot be built due to storage constraints.
C20B0004	Osi_wait function unavailable; invalid address for OSI services (OSIT).
C20B0005	Osi_upda function unavailable; invalid address for OSI services (OSIT).
C20B0006	Osi_upda function unavailable; invalid address for OSI services (OSIT).
C20B01xx	Osi_wait call failed; event code is SETUPSIG; xx is return code from Osi_wait. Return codes from individual calls are documented in the IBM manual OpenEdition MVS File System Interface Reference

Table 5-17 X'C20B' Instance Codes

4-byte code	Description
C20B02xx	Osi_wait call failed; event code is SUSPEND; xx is return code from Osi_wait. Return codes from individual calls are documented in the IBM manual OpenEdition MVS File System Interface Reference.
C20B03xx	Get Latch failed; xx is Ilatch return code. Read Ilatch Errors I for more information.
C20B04xx	Get Latch failed; xx is Ilatch return code. Read Ilatch Errors I for more information.
C20B05xx	Free Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C20B06xx	Free Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C20B07xx	Free Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C20B08xx	Get Latch failed; xx is Ilatch return code. Read Ilatch Errors I for more information.
C200909xx	Get Latch failed; xx is Ilatch return code. Read Ilatch Errors I for more information.
C20B0Axx	Free Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C20B0Bxx	Free Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.
C20B0Cxx	Free Latch failed; xx is Ilatch return code. Read Ilatch Errors for more information.

C20Cxxxx T010SWR

Table 5-18 X'C20C' Instance Codes

4-byte code	Description
C20C0001	Write length parameter is negative
C20C0002	Osi_structure is too small
C20C0003	Osi_structure is too large
C20C0004	Insufficient memory to obtain SAW control block
C20C0005	Osi_wait function not available
C20C0006	Insufficient memory to obtain secondary SAWs
C20C0007	Insufficient memory to obtain secondary SAWs
C20C0008	Insufficient memory to obtain secondary MBUFs
C20C0009	Insufficient memory to obtain secondary MBUFs
C20C000A	Insufficient memory to obtain secondary MBUFs
C20C000C	Osi_upda function not available
C20C000D	Osi_upda function not available
C20C01xx	Osi_wait SETUPSIG failed; xx is return code
C20C02xx	Osi_wait SUSPEND failed; xx is return code
C20C03xx	Get latch failed; xx is Ilatch return code
C20C04xx	Get latch failed; xx is Ilatch return code
C20C05xx	Get latch failed; xx is Ilatch return code
C20C06xx	Free latch failed; xx is Ilatch return code
C20C07xx	Free latch failed; xx is Ilatch return code
C20C08xx	Free latch failed; xx is Ilatch return code
C20C09xx	Call to T01SMOVE failed; xx is return code

Table 5-18 X'C20C' Instance Codes (Continued)

4-byte code	Description
C20C0Axx	Call to T01SMOVE failed; xx is return code
C20C0Bxx	Call to T01SMOVE failed; xx is return code
C20C0Cxx	Get latch failed; xx is latch return code
C20C0Dxx	Get latch failed; xx is latch return code
C20C0Exx	Get latch failed; xx is latch return code
C20C10xx	Free latch failed; xx is latch return code
C20C11xx	Free latch failed; xx is latch return code
C20C12xx	Free latch failed; xx is latch return code
C20C13xx	Get latch failed; xx is latch return code
C20C14xx	Free latch failed; xx is latch return code
C20C15xx	Get latch failed; xx is latch return code
C20C16xx	Free latch failed; xx is latch return code

C20Dxxxx T010SVR

Table 5-19 X'C20D' Instance Code

4-byte code	Description
C20D0001	I/O vector dimension is invalid
C20D0002	I/O vector array address is zero
C20D0003	I/O vector length is less than zero
C20D0004	Osi_structure is incorrect size
C20D0005	Insufficient memory to obtain SAW control block
C20D0006	Osi_wait function not available
C20D0007	I/O vector length is too large
C20D0008	Osi_upda function not available
C20D0009	Osi_upda function not available
C20D01xx	Osi_wait SETUPSIG failed; xx is return code
C20D02xx	Osi_wait SUSPEND failed; xx is return code
C20D03xx	Get latch failed; xx is latch return code
C20D04xx	Get latch failed; xx is latch return code
C20D05xx	Free latch failed; xx is latch return code
C20D06xx	Free latch failed; xx is latch return code
C20D07xx	Free latch failed; xx is latch return code
C20D08xx	Get latch failed; xx is latch return code
C20D09xx	Free latch failed; xx is latch return code
C20D0Axx	Get latch failed; xx is latch return code
C20D0Bxx	Free latch failed; xx is latch return code
C20D0Cxx	Free latch failed; xx is latch return code

C20Exxxx T010SVW

Table 5-20 X'C20E' Instance Codes

4-byte code	Description
C20E0001	I/O vector dimension is not positive
C20E0002	I/O vector dimension is too large
C20E0003	I/O vector array address is zero
C20E0004	I/O vector length is less than zero
C20E0005	I/O vector length is too large
C20E0006	I/O vector length is less than zero
C20E0007	Osi_structure is too small
C20E0008	Osi_structure is too large
C20E0009	Insufficient memory to obtain SAW control block
C20E000A	Osi_wait function not available
C20E000B	Insufficient memory to obtain secondary SAWs
C20E000C	Insufficient memory to obtain secondary SAWs
C20E000D	Insufficient memory to obtain secondary MBUFs
C20E000E	Insufficient memory to obtain secondary MBUFs
C20E000F	Insufficient memory to obtain secondary MBUFs
C20E0010	Osi_upda function not available
C20E0011	Osi_upda function not available
C20E01xx	Osi_wait SETUPSIG failed; xx is return code
C20E02xx	Osi_wait SUSPEND failed; xx is return code
C20E03xx	Get latch failed; xx is Ilatch return code
C20E04xx	Get latch failed; xx is Ilatch return code
C20E05xx	Get latch failed; xx is Ilatch return code
C20E06xx	Free latch failed; xx is Ilatch return code
C20E07xx	Free latch failed; xx is Ilatch return code
C20E08xx	Free latch failed; xx is Ilatch return code
C20E09xx	Call to T01SMOVE failed; xx is return code
C20E0Axx	Call to T01SMOVE failed; xx is return code
C20E0Bxx	Call to T01SMOVE failed; xx is return code
C20E0Cxx	Get latch failed; xx is Ilatch return code
C20E0Dxx	Get latch failed; xx is Ilatch return code
C20E0Exx	Get latch failed; xx is Ilatch return code
C20E10xx	Free latch failed; xx is Ilatch return code
C20E11xx	Free latch failed; xx is Ilatch return code
C20E12xx	Free latch failed; xx is Ilatch return code
C20E13xx	Get latch failed; xx is Ilatch return code
C20E14xx	Free latch failed; xx is Ilatch return code
C20E15xx	Get latch failed; xx is Ilatch return code

Table 5-20 X'C20E' Instance Codes (Continued)

4-byte code	Description
C20E16xx	Free latch failed; xx is Ilatch return code

C20Fxxxx T010SRV

Table 5-21 X'C20F' Instance Codes

4-byte code	Description
C20F0001	Receive length parameter is negative
C20F0002	Osi_structure is incorrect size
C20F0003	Invalid flag parameter settings
C20F0004	Insufficient memory to obtain SAW control block
C20F0005	Osi_wait function not available
C20F0006	Osi_upda function not available
C20F0007	Osi_upda function not available
C20F01xx	Osi_wait SETUPSIG failed; xx is return code
C20F02xx	Osi_wait SUSPEND failed; xx is return code
C20F03xx	Get latch failed; xx is Ilatch return code
C20F04xx	Get latch failed; xx is Ilatch return code
C20F05xx	Free latch failed; xx is Ilatch return code
C20F06xx	Free latch failed; xx is Ilatch return code
C20F07xx	Free latch failed; xx is Ilatch return code
C20F08xx	Get latch failed; xx is Ilatch return code
C20F09xx	Get latch failed; xx is Ilatch return code
C20F0Axx	Free latch failed; xx is Ilatch return code
C20F0Bxx	Free latch failed; xx is Ilatch return code
C20F0Cxx	Free latch failed; xx is Ilatch return code

C210xxxx T010SSD

Table 5-22 X'C210' Instance Codes

4-byte code	Description
C2100001	Send length parameter is negative
C2100002	Osi_structure is too small
C2100003	Osi_structure is too large
C2100004	Invalid flag parameter settings
C2100005	Insufficient memory to obtain SAW control block
C2100006	Osi_wait function not available
C2100007	Insufficient memory to obtain secondary SAWs
C2100008	Insufficient memory to obtain secondary SAWs

Table 5-22 X'C210' Instance Codes (Continued)

4-byte code	Description
C2100009	Insufficient memory to obtain secondary MBUFs
C210000A	Insufficient memory to obtain secondary MBUFs
C210000B	Insufficient memory to obtain secondary MBUFs
C210000C	Osi_upda function not available
C210000D	Osi_upda function not available
C21001xx	Osi_wait SETUPSIG failed; xx is return code
C21002xx	Osi_wait SUSPEND failed; xx is return code
C21003xx	Get latch failed; xx is Ilatch return code
C21004xx	Get latch failed; xx is Ilatch return code
C21005xx	Get latch failed; xx is Ilatch return code
C21006xx	Free latch failed; xx is Ilatch return code
C21007xx	Free latch failed; xx is Ilatch return code
C21008xx	Free latch failed; xx is Ilatch return code
C21009xx	Call to T01SMOVE failed; xx is return code
C2100Axx	Call to T01SMOVE failed; xx is return code
C2100Bxx	Call to T01SMOVE failed; xx is return code
C2100Cxx	Get latch failed; xx is Ilatch return code
C2100Dxx	Get latch failed; xx is Ilatch return code
C2100Exx	Get latch failed; xx is Ilatch return code
C21010xx	Free latch failed; xx is Ilatch return code
C21011xx	Free latch failed; xx is Ilatch return code
C21012xx	Free latch failed; xx is Ilatch return code
C21013xx	Get latch failed; xx is Ilatch return code
C21014xx	Free latch failed; xx is Ilatch return code
C21015xx	Get latch failed; xx is Ilatch return code
C21016xx	Free latch failed; xx is Ilatch return code

C211xxxx T010SFR

Table 5-23 X'C211' Instance Codes

4-byte code	Description
C2110001	Recvfrom length parameter is negative
C2110002	Osi_structure is incorrect size
C2110003	Invalid flag parameter settings
C2110004	Insufficient memory to obtain SAW control block
C2110005	Osi_wait function not available
C21101xx	Osi_wait SETUPSIG failed; xx is return code
C21102xx	Osi_wait SUSPEND failed; xx is return code

Table 5-23 X'C211' Instance Codes (Continued)

4-byte code	Description
C21103xx	Get latch failed; xx is Ilatch return code
C21104xx	Get latch failed; xx is Ilatch return code
C21105xx	Free latch failed; xx is Ilatch return code
C21106xx	Free latch failed; xx is Ilatch return code
C21107xx	Free latch failed; xx is Ilatch return code
C21108xx	Osi_upda failed; xx is Osi_upda return code
C21109xx	Osi_upda failed; xx is Osi_upda return code
C2110Axx	Get latch failed; xx is Ilatch return code
C2110Bxx	Get latch failed; xx is Ilatch return code
C2110Cxx	Free latch failed; xx is Ilatch return code
C2110Dxx	Free latch failed; xx is Ilatch return code
C2110Exx	Free latch failed; xx is Ilatch return code

C212xxxx T010STO

Table 5-24 X'C212' Instance Codes

4-byte code	Description
C2120001	Sendto length parameter is negative
C2120002	Osi_structure is too small
C2120003	Osi_structure is too large
C2120004	Invalid flag parameter settings
C2120005	Insufficient memory to obtain SAW control block
C2120006	Osi_wait function not available
C2120007	Insufficient memory to obtain secondary SAWs
C2120008	Insufficient memory to obtain secondary SAWs
C2120009	Insufficient memory to obtain secondary MBUFs
C212000A	Insufficient memory to obtain secondary MBUFs
C212000B	Insufficient memory to obtain secondary MBUFs
C212000C	Osi_upda function not available
C212000D	Osi_upda function not available
C212000F	Sockaddr parameter is missing
C2120010	Sockaddr structure too small (less than 8)
C21201xx	Osi_wait SETUPSIG failed; xx is return code
C21202xx	Osi_wait SUSPEND failed; xx is return code
C21203xx	Get latch failed; xx is Ilatch return code
C21204xx	Get latch failed; xx is Ilatch return code
C21205xx	Get latch failed; xx is Ilatch return code
C21206xx	Free latch failed; xx is Ilatch return code

Table 5-24 X'C212' Instance Codes (Continued)

4-byte code	Description
C21207xx	Free latch failed; xx is latch return code
C21208xx	Free latch failed; xx is latch return code
C21209xx	Call to T01SMOVE failed; xx is return code
C2120Axx	Call to T01SMOVE failed; xx is return code
C2120Bxx	Call to T01SMOVE failed; xx is return code
C2120Cxx	Get latch failed; xx is latch return code
C2120Dxx	Get latch failed; xx is latch return code
C2120Exx	Get latch failed; xx is latch return code
C21210xx	Free latch failed; xx is latch return code
C21211xx	Free latch failed; xx is latch return code
C21212xx	Free latch failed; xx is latch return code
C21213xx	Get latch failed; xx is latch return code
C21214xx	Get latch failed; xx is latch return code
C21215xx	Free latch failed; xx is latch return code

C213xxxx T010SRM

Table 5-25 X'C213' Instance Codes

4-byte code	Description
C2130001	MSG header parameter is missing
C2130002	I/O vector array address is zero
C2130003	I/O vector dimension is invalid
C2130004	Osi_structure is incorrect size
C2130005	Invalid flag parameter settings
C2130006	I/O vector length is less than zero
C2130007	Insufficient memory to obtain SAW control block
C2130008	Osi_wait function not available
C2130009	I/O vector length too large
C213000A	Osi_upda function not available
C213000B	Osi_upda function not available
C21301xx	Osi_wait SETUPSIG failed; xx is return code
C21302xx	Osi_wait SUSPEND failed; xx is return code
C21303xx	Get latch failed; xx is latch return code
C21304xx	Get latch failed; xx is latch return code
C21305xx	Free latch failed; xx is latch return code
C21306xx	Free latch failed; xx is latch return code
C21307xx	Free latch failed; xx is latch return code
C21308xx	Get latch failed; xx is latch return code

Table 5-25 X'C213' Instance Codes (Continued)

4-byte code	Description
C21309xx	Free latch failed; xx is Ilatch return code
C2130Axx	Get latch failed; xx is Ilatch return code
C2130Bxx	Free latch failed; xx is Ilatch return code
C2130Cxx	Free latch failed; xx is Ilatch return code

C214xxxx T010SSM

Table 5-26 X'C214' Instance Codes

4-byte code	Description
C2140001	MSG header parameter is missing
C2140002	I/O vector dimension is not positive
C2140003	I/O vector array address is zero
C2140004	I/O vector dimension is too large
C2140005	I/O vector length is less than zero
C2140006	I/O vector length too large
C2140007	Osi_structure is too small
C2140008	Osi_structure is too large
C2140009	Invalid flag parameter settings
C214000A	I/O vector length is less than zero
C214000B	Insufficient memory to obtain SAW control block
C214000C	Osi_wait function not available
C214000D	Insufficient memory to obtain secondary SAWs
C214000E	Insufficient memory to obtain secondary SAWs
C214000F	Insufficient memory to obtain secondary MBUFs
C2140010	Insufficient memory to obtain secondary MBUFs
C2140011	Insufficient memory to obtain secondary MBUFs
C2140012	Osi_upda function not available
C2140013	Osi_upda function not available
C2140015	MSG header parameter is too small
C2140016	MSG name address is missing
C2140017	MSG name length is too small (less than 8)
C21401xx	Osi_wait SETUPSIG failed; xx is return code
C21402xx	Osi_wait SUSPEND failed; xx is return code
C21403xx	Get latch failed; xx is Ilatch return code
C21404xx	Get latch failed; xx is Ilatch return code
C21405xx	Get latch failed; xx is Ilatch return code
C21406xx	Free latch failed; xx is Ilatch return code
C21407xx	Free latch failed; xx is Ilatch return code

Table 5-26 X'C214' Instance Codes (Continued)

4-byte code	Description
C21408xx	Free latch failed; xx is Ilatch return code
C21409xx	Call to T01SMOVE failed; xx is return code
C2140Axx	Call to T01SMOVE failed; xx is return code
C2140Bxx	Call to T01SMOVE failed; xx is return code
C2140Cxx	Get latch failed; xx is Ilatch return code
C2140Dxx	Get latch failed; xx is Ilatch return code
C2140Exx	Get latch failed; xx is Ilatch return code
C21410xx	Free latch failed; xx is Ilatch return code
C21411xx	Free latch failed; xx is Ilatch return code
C21412xx	Free latch failed; xx is Ilatch return code
C21413xx	Get latch failed; xx is Ilatch return code
C21414xx	Free latch failed; xx is Ilatch return code
C21415xx	Get latch failed; xx is Ilatch return code
C21416xx	Free latch failed; xx is Ilatch return code

C215xxxx T010SSL

Table 5-27 X'C215' Instance Codes

4-byte code	Description
C2150001	Invalid OE function; neither select nor batsel
C2150002	File count is zero for batsel
C2150003	Insufficient memory to obtain SAW control block
C2150004	Invalid batsel; neither query nor cancel
C2150005	Invalid select; neither query nor cancel
C2150006	Insufficient memory to obtain SAW control block
C2150007	Invalid SEPM control block
C2150008	TCP was restarted prior to this request
C21501xx	Get latch failed; xx is Ilatch return code
C21502xx	Get latch failed; xx is Ilatch return code
C21503xx	Free latch failed; xx is Ilatch return code
C21504xx	Free latch failed; xx is Ilatch return code
C21505xx	Free latch failed; xx is Ilatch return code

C216xxxx T010SSN

Table 5-28 X'C216' Instance Codes

4-byte code	Description
C2160001	Invalid function socket type (Stream)
C2160003	Insufficient memory to obtain SAW control block
C2160004	Sockaddr structure too small (less than 8)
C21601xx	Get latch failed; xx is latch return code
C21602xx	Free latch failed; xx is latch return code

C217xxxx T010SSH

Table 5-29 X'C217' Instance Codes

4-byte code	Description
C2170001	Insufficient memory to obtain SAW control block
C21701xx	Get latch failed; xx is latch return code
C21702xx	Free latch failed; xx is latch return code

C218xxxx T010SGH

Table 5-30 X'C218' Instance Codes

4-byte code	Description
C2180001	Gethost failed; NETB control block not found
C2180002	Gethost failed; Name parameter address is 0

C219xxxx T010SCA

Table 5-31 X'C219' Instance Codes

4-byte code	Description
C2190001	Async I/O function was cancelled
C2190002	Async I/O function was not found
C21901xx	Get latch failed; xx is latch return code
C21902xx	Free latch failed; xx is latch return code
C21903xx	Free latch failed; xx is latch return code

C220xxxx T011SPC

Table 5-32 X'C220' Instance Codes

4-byte code	Description
C2200001	Socket function out of range
C2200002	Unsupported socket function
C2200003	No Index1
C2200004	No Index2
C2200005	No IPTH
C2200007	Socket number out of range
C2200008	No IPTHSPTR
C2200009	No Index4
C220000A	No SEPM
C220000B	Socket taken but not Close()
C220000C	Socket passed but not Close()
C220000D	End point terminating
C220000E	Multiple requests for APITYPE=2
C220000F	Caller specified IPNORPY
C22000FD	Severing connection attempt
C22000FE	Severing a path
C22000FF	Severing - no IPTH to reply on

C221xxxx T011SAC

Table 5-33 X'C221' Instance Codes

4-byte code	Description
C2210000	Return pending callback
C2210001	IUCV is down
C2210002	Unable to obtain SAW
C2210003	IUCV header error
C2210004	Socket number out of range
C2210005	No Index4
C2210006	Socket in use
C2210007	SAVXLTCF FREE error. XACPT says suspend
C2210008	SEPMLTCF FREE error. XACPT says suspend
C2210106	IUCV error - protection exception
C2210107	IUCV error - addressing exception
C22101nn	IUCV error - IUCV IPRCODE nn
C2210201	T02CIUCV RC = 01. IPRCODE set
C2210203	T02CIUCV RC = 03. Not using IUCV services
C2210204	T02CIUCV RC = 04. Protection exception

Table 5-33 X'C221' Instance Codes (Continued)

4-byte code	Description
C2210205	T02CIUCV RC = 05. Addressing exception
C2210206	T02CIUCV RC = 06. Specification exception
C2210207	T02CIUCV RC = 07. Operation exception
C2210208	T02CIUCV RC = 08. Invalid function code
C2210209	T02CIUCV RC = 09. IUCV terminating
C221020A	T02CIUCV RC = 10. FRR active on entry
C22103nn	GET SAVXLTC error code base code
C2210304	Latch held exclusively
C2210308	Logic error
C221030C	Bad parameter
C2210310	User holding the CML
C2210314	Suspend failed
C2210318	Storage obtain failure
C221031C	SFRE entry in use
C2210320	Latch held shared, requested exclusive
C2210324	Latch held exclusively, requested shared
C22104nn	GET SEPMLTC error base code
C2210404	Latch held exclusively
C2210408	Logic error
C221040C	Bad parameter
C2210410	User holding the CML
C2210414	Suspend failed
C2210418	Storage obtain failure
C221041C	SFRE entry in use
C2210420	Latch held shared, requested exclusive
C2210424	Latch held exclusively, requested shared
C22105nn	FREE SAVXLTC base error code
C2210504	Latch not held
C2210508	Logic error
C221050C	Bad parameter
C22106nn	FREE SEPMLTC base error code
C2210604	Latch not held
C2210608	Logic error
C221060C	Bad parameter
C22107nn	GET SEPMLTC error base code (parent SEPM)
C2210704	Latch held exclusively
C2210708	Logic error
C221070C	Bad parameter

Table 5-33 X'C221' Instance Codes (Continued)

4-byte code	Description
C2210710	User holding the CML
C2210714	Suspend failed
C2210718	Storage obtain failure
C221071C	SFRE entry in use
C2210720	Latch held shared, requested exclusive
C2210724	Latch held exclusively, requested shared
C22108nn	FREE SEPMLTCH base error code (child SEPM)
C2210804	Latch not held
C2210808	Logic error
C221080C	Bad parameter
C2210999	IUCV purged message
C2210Ann	GET SAVXLTCH error base code (parent SEPM)
C2210A04	Latch held exclusively
C2210A08	Logic error
C2210A0C	Bad parameter
C2210A10	User holding the CML
C2210A14	Suspend failed
C2210A18	Storage obtain failure
C2210A1C	SFRE entry in use
C2210A20	Latch held shared, requested exclusive
C2210A24	Latch held exclusively, requested shared
C2210Bnn	FREE SAVXLTCH base error code (child SEPM)
C2210B04	Latch not held
C2210B08	Logic error
C2210B0C	Bad parameter

C222xxxx T011SBD

Table 5-34 X'C222' Instance Codes

4-byte code	Description
C2220002	Answer area too small
C2220015	Sockaddr length is too short
C22200E1	Unable to obtain SAW
C22200FF	IUCV terminated
C22201nn	IUCV receive error base code
C2220101	Invalid path ID
C2220102	Path quiesced
C2220103	Message limit exceeded

Table 5-34 X'C222' Instance Codes (Continued)

4-byte code	Description
C2220104	Priority message not allowed on this path
C2220105	Buffer too short for message
C2220106	Fetch protection exception
C2220107	Addressing exception
C2220108	Class or path invalid
C2220109	Message has been purged
C222010A	Message length negative
C222010B	Target is not in system
C222010C	Target is not prepared for IUCV
C222010D	Invoker max connect count exceeded
C222010E	Target max connect count exceeded
C222010F	Not authorized to communicate with target
C2220110	Invalid system service name
C2220111	Invalid function code
C2220112	Invalid message limit
C2220113	Duplicate buffer declaration
C2220114	Path has been severed
C2220115	Parm list message not allowed
C2220116	Send list invalid
C2220117	Negative length in list
C2220118	Invalid total list length
C2220119	PRMMSG and BUF/ANSLIST not allowed
C222011A	Buffer list not double-word aligned
C222011B	Answer list not double-word aligned
C222011C	No control buffer exists
C2220130	Function not supported for CSS
C22202nn	IUCV reply error base code
C2220201	Invalid path ID
C2220202	Path quiesced
C2220203	Message limit exceeded
C2220204	Priority message not allowed on this path
C2220205	Buffer too short for message
C2220206	Fetch protection exception
C2220207	Addressing exception
C2220208	Class or path invalid
C2220209	Message has been purged
C222020A	Message length negative
C222020B	Target is not in system

Table 5-34 X'C222' Instance Codes (Continued)

4-byte code	Description
C222020C	Target is not prepared for IUCV
C222020D	Invoker max connect count exceeded
C222020E	Target max connect count exceeded
C222020F	Not authorized to communicate with target
C2220210	Invalid system service name
C2220211	Invalid function code
C2220212	Invalid message limit
C2220213	Duplicate buffer declaration
C2220214	Path has been severed
C2220215	Parm list message not allowed
C2220216	Send list invalid
C2220217	Negative length in list
C2220218	Invalid total list length
C2220219	PRMMSG and BUF/ANSLIST not allowed
C222021A	Buffer list not double-word aligned
C222021B	Answer list not double-word aligned
C222021C	No control buffer exists
C2220230	Function not supported for CSS
C22203nn	Get Latch error base code
C2220304	Latch held exclusive, request was exclusive
C2220308	Logic error
C222030C	Bad parameter
C2220310	User held the CML
C2220314	Suspend failed
C2220318	Storage obtain failed
C222031C	SFRE entry in use
C2220318	Storage obtain failed
C2220320	Latch held shared, request was exclusive
C2220324	Latch held exclusive, request was shared
C22204nn	Free Latch error base code
C2220404	Latch not held
C2220408	Logic error
C222040C	Bad parameter

C223xxxx T011SCA

Table 5-35 X'C223' Instance Codes

4-byte code	Description
C2230001	SAW not found
C2230004	Cannot obtain primary SAW
C2230005	APItype not 3 for cancel
C2230006	Message was not inline data
C2230008	Invalid Path ID specified
C2230009	Reply area is too small
C2230014	Invalid call to be cancelled
C223000A	IUCV callback failed
C223000B	No matching socket
C223000C	No SAW on receive queue
C2230020	SAW queue in use
C2230021	Empty SAW chain
C22300F0	IUCV not available
C22302nn	Get SEPMLTCH failure while cancelling
C2230204	Latch held exclusive, request was exclusive
C2230208	Logic error
C223020C	Bad parameter
C2230210	User held the CML
C2230214	Suspend failed
C2230218	Storage obtain failed
C223021C	SFRE entry in use
C2230218	Storage obtain failed
C2230220	Latch held shared, request was exclusive
C2230224	Latch held exclusive, request was shared
C22303nn	Get SPCGLTCH base code
C2230304	Latch held exclusive, request was exclusive
C2230308	Logic error
C223030C	Bad parameter
C2230310	User held the CML
C2230314	Suspend failed
C2230318	Storage obtain failed
C223031C	SFRE entry in use
C2230318	Storage obtain failed
C2230320	Latch held shared, request was exclusive
C2230324	Latch held exclusive, request was shared
C22304nn	Get SEPMLTCH failure
C2230404	Latch held exclusive, request was exclusive

Table 5-35 X'C223' Instance Codes (Continued)

4-byte code	Description
C2230408	Logic error
C223040C	Bad parameter
C2230410	User held the CML
C2230414	Suspend failed
C2230418	Storage obtain failed
C223041C	SFRE entry in use
C2230418	Storage obtain failed
C2230420	Latch held shared, request was exclusive
C2230424	Latch held exclusive, request was shared
C22305nn	Free SEPMLTCH failure base code
C2230504	Latch not held
C2230508	Logic error
C223050C	Bad parameter
C22306nn	Free SPCBLTCH failure base code after queue scan
C2230604	Latch not held
C2230608	Logic error
C223060C	Bad parameter
C22307nn	Free SPCBLTCH failure base code
C2230704	Latch not held
C2230708	Logic error
C223070C	Bad parameter
C2230D00	IUCV reply failed
C2230Enn	IUCV reply error base code
C2230E01	Invalid path ID
C2230E02	Path quiesced
C2230E03	Message limit exceeded
C2230E04	Priority message not allowed on this path
C2230E05	Buffer too short for message
C2230E06	Fetch protection exception
C2230E07	Addressing exception
C2230E08	Class or path invalid
C2230E09	Message has been purged
C2230E0A	Message length negative
C2230E0B	Target is not in system
C2230E0C	Target is not prepared for IUCV
C2230E0D	Invoker max connect count exceeded
C2230E0E	Target max connect count exceeded
C2230E0F	Not authorized to communicate with target

Table 5-35 X'C223' Instance Codes (Continued)

4-byte code	Description
C2230E10	Invalid system service name
C2230E11	Invalid function code
C2230E12	Invalid message limit
C2230E13	Duplicate buffer declaration
C2230E14	Path has been severed
C2230E15	Parm list message not allowed
C2230E16	Send list invalid
C2230E17	Negative length in list
C2230E18	Invalid total list length
C2230E19	PRMMSG and BUF/ANSLIST not allowed
C2230E1A	Buffer list not double-word aligned
C2230E1B	Answer list not double-word aligned
C2230E1C	No control buffer exists
C2230E30	Function not supported for CSS

C224xxxx T011SCL

Table 5-36 X'C224' Instance Codes

4-byte code	Description
C2240000	Return to caller pending callback
C2240001	IUCV is not available
C2240002	Unable to obtain SAW
C2240003	IUCV header error
C22401nn	IUCV error base code if IPRCODE was saved
C2240101	Invalid path ID
C2240102	Path quiesced
C2240103	Message limit exceeded
C2240104	Priority message not allowed on this path
C2240105	Buffer too short for message
C2240106	Fetch protection exception
C2240107	Addressing exception
C2240108	Class or path invalid
C2240109	Message has been purged
C224010A	Message length negative
C224010B	Target is not in system
C224010C	Target is not prepared for IUCV
C224010D	Invoker max connect count exceeded
C224010E	Target max connect count exceeded

Table 5-36 X'C224' Instance Codes (Continued)

4-byte code	Description
C224010F	Not authorized to communicate with target
C2240110	Invalid system service name
C2240111	Invalid function code
C2240112	Invalid message limit
C2240113	Duplicate buffer declaration
C2240114	Path has been severed
C2240115	Parm list message not allowed
C2240116	Send list invalid
C2240117	Negative length in list
C2240118	Invalid total list length
C2240119	PRMMSG and BUF/ANSLIST not allowed
C224011A	Buffer list not double-word aligned
C224011B	Answer list not double-word aligned
C224011C	No control buffer exists
C2240130	Function not supported for CSS
C22402nn	IUCV error base code if IPRCODE was not saved
C2240201	Invalid path ID
C2240202	Path quiesced
C2240203	Message limit exceeded
C2240204	Priority message not allowed on this path
C2240205	Buffer too short for message
C2240206	Fetch protection exception
C2240207	Addressing exception
C2240208	Class or path invalid
C2240209	Message has been purged
C224020A	Message length negative
C224020B	Target is not in system
C224020C	Target is not prepared for IUCV
C224020D	Invoker max connect count exceeded
C224020E	Target max connect count exceeded
C224020F	Not authorized to communicate with target
C2240210	Invalid system service name
C2240211	Invalid function code
C2240212	Invalid message limit
C2240213	Duplicate buffer declaration
C2240214	Path has been severed
C2240215	Parm list message not allowed
C2240216	Send list invalid

Table 5-36 X'C224' Instance Codes (Continued)

4-byte code	Description
C2240217	Negative length in list
C2240218	Invalid total list length
C2240219	PRMMSG and BUF/ANSLIST not allowed
C224021A	Buffer list not double-word aligned
C224021B	Answer list not double-word aligned
C224021C	No control buffer exists
C2240230	Function not supported for CSS
C22403nn	Get SEPMLTCH failure base code
C2240304	Latch held exclusive, request was exclusive
C2240308	Logic error
C224030C	Bad parameter
C2240310	User held the CML
C2240314	Suspend failed
C2240318	Storage obtain failed
C224031C	SFRE entry in use
C2240318	Storage obtain failed
C2240320	Latch held shared, request was exclusive
C2240324	Latch held exclusive, request was shared
C22405nn	Free SEPMLTCH failure base code
C2240504	Latch not held
C2240508	Logic error
C224050C	Bad parameter
C22406nn	Free SEPMLTCH failure base code, while processing returned SAWs
C2240604	Latch not held
C2240608	Logic error
C224060C	Bad parameter
C2240699	IUCV message was purged

C225xxxx T011SCN

Table 5-37 X'C225' Instance Codes

4-byte code	Description
C2250000	Return to caller pending callback
C2250001	IUCV header error
C2250002	Answer area too small
C2250015	Sockaddr data too short
C22500E1	Failure to obtain SAW
C22500FF	IUCV is not available

Table 5-37 X'C225' Instance Codes (Continued)

4-byte code	Description
C22501nn	IUCV receive error base code
C2250101	Invalid path ID
C2250102	Path quiesced
C2250103	Message limit exceeded
C2250104	Priority message not allowed on this path
C2250105	Buffer too short for message
C2250106	Fetch protection exception
C2250107	Addressing exception
C2250108	Class or path invalid
C2250109	Message has been purged
C225010A	Message length negative
C225010B	Target is not in system
C225010C	Target is not prepared for IUCV
C225010D	Invoker max connect count exceeded
C225010E	Target max connect count exceeded
C225010F	Not authorized to communicate with target
C2250110	Invalid system service name
C2250111	Invalid function code
C2250112	Invalid message limit
C2250113	Duplicate buffer declaration
C2250114	Path has been severed
C2250115	Parm list message not allowed
C2250116	Send list invalid
C2250117	Negative length in list
C2250118	Invalid total list length
C2250119	PRMMSG and BUF/ANSLIST not allowed
C225011A	Buffer list not double-word aligned
C225011B	Answer list not double-word aligned
C225011C	No control buffer exists
C2250130	Function not supported for CSS
C22502nn	IUCV reply error base code
C2250201	Invalid path ID
C2250202	Path quiesced
C2250203	Message limit exceeded
C2250204	Priority message not allowed on this path
C2250205	Buffer too short for message
C2250206	Fetch protection exception
C2250207	Addressing exception

Table 5-37 X'C225' Instance Codes (Continued)

4-byte code	Description
C2250208	Class or path invalid
C2250209	Message has been purged
C225020A	Message length negative
C225020B	Target is not in system
C225020C	Target is not prepared for IUCV
C225020D	Invoker max connect count exceeded
C225020E	Target max connect count exceeded
C225020F	Not authorized to communicate with target
C2250210	Invalid system service name
C2250211	Invalid function code
C2250212	Invalid message limit
C2250213	Duplicate buffer declaration
C2250214	Path has been severed
C2250215	Parm list message not allowed
C2250216	Send list invalid
C2250217	Negative length in list
C2250218	Invalid total list length
C2250219	PRMMSG and BUF/ANSLIST not allowed
C225021A	Buffer list not double-word aligned
C225021B	Answer list not double-word aligned
C225021C	No control buffer exists
C2250230	Function not supported for CSS
C22503nn	Get Latch error base code
C2250304	Latch held exclusive, request was exclusive
C2250308	Logic error
C225030C	Bad parameter
C2250310	User held the CML
C2250314	Suspend failed
C2250318	Storage obtain failed
C225031C	SFRE entry in use
C2250318	Storage obtain failed
C2250320	Latch held shared, request was exclusive
C2250324	Latch held exclusive, request was shared
C22504nn	Free Latch error base code
C2250404	Latch not held
C2250408	Logic error
C225040C	Bad parameter

C226xxxx T011SCP

Table 5-38 X'C226' Instance Codes

4-byte code	Description
C226000A	EIB type is not connect pending
C226000B	Option MSGDATA not set
C226000C	Option quiesce was set
C226000D	Option priority-msg was set
C226000E	User data was not zeros
C226000F	Path ID flag was not set
C2260020	Unable to obtain IPATH block
C2260030	Unable to obtain index block
C2260050	Invalid Path ID
C2260E00	Terminating
C2260F00	IUCV not available
C22620nn	IUCV accept error base code
C2262001	Invalid path ID
C2262002	Path quiesced
C2262003	Message limit exceeded
C2262004	Priority message not allowed on this path
C2262005	Buffer too short for message
C2262006	Fetch protection exception
C2262007	Addressing exception
C2262008	Class or path invalid
C2262009	Message has been purged
C226200A	Message length negative
C226200B	Target is not in system
C226200C	Target is not prepared for IUCV
C226200D	Invoker max connect count exceeded
C226200E	Target max connect count exceeded
C226200F	Not authorized to communicate with target
C2262010	Invalid system service name
C2262011	Invalid function code
C2262012	Invalid message limit
C2262013	Duplicate buffer declaration
C2262014	Path has been severed
C2262015	Parm list message not allowed
C2262016	Send list invalid
C2262017	Negative length in list
C2262018	Invalid total list length
C2262019	PRMMSG and BUF/ANSLIST not allowed

Table 5-38 X'C226' Instance Codes (Continued)

4-byte code	Description
C226201A	Buffer list not double-word aligned
C226201B	Answer list not double-word aligned
C226201C	No control buffer exists
C2262030	Function not supported for CSS
C22630nn	IUCV sever error base code
C2263001	Invalid path ID
C2263002	Path quiesced
C2263003	Message limit exceeded
C2263004	Priority message not allowed on this path
C2263005	Buffer too short for message
C2263006	Fetch protection exception
C2263007	Addressing exception
C2263008	Class or path invalid
C2263009	Message has been purged
C226300A	Message length negative
C226300B	Target is not in system
C226300C	Target is not prepared for IUCV
C226300D	Invoker max connect count exceeded
C226300E	Target max connect count exceeded
C226300F	Not authorized to communicate with target
C2263010	Invalid system service name
C2263011	Invalid function code
C2263012	Invalid message limit
C2263013	Duplicate buffer declaration
C2263014	Path has been severed
C2263015	Parm list message not allowed
C2263016	Send list invalid
C2263017	Negative length in list
C2263018	Invalid total list length
C2263019	PRMMSG and BUF/ANSLIST not allowed
C226301A	Buffer list not double-word aligned
C226301B	Answer list not double-word aligned
C226301C	No control buffer exists
C2263030	Function not supported for CSS

C227xxxx T011SGH

Table 5-39 X'C227' Instance Codes

4-byte code	Description
C2270001	IUCV not available
C2270002	Unable to obtain SAW
C2270003	IUCV header error
C22701nn	IUCV error base code if IPRCODE was saved
C2270101	Invalid path ID
C2270102	Path quiesced
C2270103	Message limit exceeded
C2270104	Priority message not allowed on this path
C2270105	Buffer too short for message
C2270106	Fetch protection exception
C2270107	Addressing exception
C2270108	Class or path invalid
C2270109	Message has been purged
C227010A	Message length negative
C227010B	Target is not in system
C227010C	Target is not prepared for IUCV
C227010D	Invoker max connect count exceeded
C227010E	Target max connect count exceeded
C227010F	Not authorized to communicate with target
C2270110	Invalid system service name
C2270111	Invalid function code
C2270112	Invalid message limit
C2270113	Duplicate buffer declaration
C2270114	Path has been severed
C2270115	Parm list message not allowed
C2270116	Send list invalid
C2270117	Negative length in list
C2270118	Invalid total list length
C2270119	PRMMSG and BUF/ANSLIST not allowed
C227011A	Buffer list not double-word aligned
C227011B	Answer list not double-word aligned
C227011C	No control buffer exists
C2270130	Function not supported for CSS
C22702nn	IUCV error base code if IPRCODE was not saved
C2270201	Invalid path ID
C2270202	Path quiesced
C2270203	Message limit exceeded

Table 5-39 X'C227' Instance Codes (Continued)

4-byte code	Description
C2270204	Priority message not allowed on this path
C2270205	Buffer too short for message
C2270206	Fetch protection exception
C2270207	Addressing exception
C2270208	Class or path invalid
C2270209	Message has been purged
C227020A	Message length negative
C227020B	Target is not in system
C227020C	Target is not prepared for IUCV
C227020D	Invoker max connect count exceeded
C227020E	Target max connect count exceeded
C227020F	Not authorized to communicate with target
C2270210	Invalid system service name
C2270211	Invalid function code
C2270212	Invalid message limit
C2270213	Duplicate buffer declaration
C2270214	Path has been severed
C2270215	Parm list message not allowed
C2270216	Send list invalid
C2270217	Negative length in list
C2270218	Invalid total list length
C2270219	PRMMSG and BUF/ANSLIST not allowed
C227021A	Buffer list not double-word aligned
C227021B	Answer list not double-word aligned
C227021C	No control buffer exists
C2270230	Function not supported for CSS
C2270999	IUCV message purged

C228xxxx T011SGN

Table 5-40 X'C228' Instance Codes

4-byte code	Description
C2280001	IUCV is not available
C2280002	Unable to obtain SAW
C2280003	IUCV header error
C22801nn	IUCV error base code if IPRCODE was saved
C2280101	Invalid path ID
C2280102	Path quiesced

Table 5-40 X'C228' Instance Codes (Continued)

4-byte code	Description
C2280103	Message limit exceeded
C2280104	Priority message not allowed on this path
C2280105	Buffer too short for message
C2280106	Fetch protection exception
C2280107	Addressing exception
C2280108	Class or path invalid
C2280109	Message has been purged
C228010A	Message length negative
C228010B	Target is not in system
C228010C	Target is not prepared for IUCV
C228010D	Invoker max connect count exceeded
C228010E	Target max connect count exceeded
C228010F	Not authorized to communicate with target
C2280110	Invalid system service name
C2280111	Invalid function code
C2280112	Invalid message limit
C2280113	Duplicate buffer declaration
C2280114	Path has been severed
C2280115	Parm list message not allowed
C2280116	Send list invalid
C2280117	Negative length in list
C2280118	Invalid total list length
C2280119	PRMMSG and BUF/ANSLIST not allowed
C228011A	Buffer list not double-word aligned
C228011B	Answer list not double-word aligned
C228011C	No control buffer exists
C2280130	Function not supported for CSS
C22802nn	IUCV error base code if IPRCODE was not saved
C2280201	Invalid path ID
C2280202	Path quiesced
C2280203	Message limit exceeded
C2280204	Priority message not allowed on this path
C2280205	Buffer too short for message
C2280206	Fetch protection exception
C2280207	Addressing exception
C2280208	Class or path invalid
C2280209	Message has been purged
C228020A	Message length negative

Table 5-40 X'C228' Instance Codes (Continued)

4-byte code	Description
C228020B	Target is not in system
C228020C	Target is not prepared for IUCV
C228020D	Invoker max connect count exceeded
C228020E	Target max connect count exceeded
C228020F	Not authorized to communicate with target
C2280210	Invalid system service name
C2280211	Invalid function code
C2280212	Invalid message limit
C2280213	Duplicate buffer declaration
C2280214	Path has been severed
C2280215	Parm list message not allowed
C2280216	Send list invalid
C2280217	Negative length in list
C2280218	Invalid total list length
C2280219	PRMMSG and BUF/ANSLIST not allowed
C228021A	Buffer list not double-word aligned
C228021B	Answer list not double-word aligned
C228021C	No control buffer exists
C2280230	Function not supported for CSS
C22803nn	Get Latch error base code
C2280304	Latch held exclusive, request was exclusive
C2280308	Logic error
C228030C	Bad parameter
C2280310	User held the CML
C2280314	Suspend failed
C2280318	Storage obtain failed
C228031C	SFRE entry in use
C2280318	Storage obtain failed
C2280320	Latch held shared, request was exclusive
C2280324	Latch held exclusive, request was shared
C22804nn	Free Latch error base code
C2280404	Latch not held
C2280408	Logic error
C228040C	Bad parameter
C2280999	IUCV message purged

C229xxxx T011SGO

Table 5-41 X'C229' Instance Codes

4-byte code	Description
C22900E1	Unable to obtain SAW
C2290001	IUCV header error
C2290002	Answer area too small
C2290010	Incorrect format for IBM options
C22900FF	IUCV not available
C22902nn	IUCV error base code if IPRCODE was not saved
C2290201	Invalid path ID
C2290202	Path quiesced
C2290203	Message limit exceeded
C2290204	Priority message not allowed on this path
C2290205	Buffer too short for message
C2290206	Fetch protection exception
C2290207	Addressing exception
C2290208	Class or path invalid
C2290209	Message has been purged
C229020A	Message length negative
C229020B	Target is not in system
C229020C	Target is not prepared for IUCV
C229020D	Invoker max connect count exceeded
C229020E	Target max connect count exceeded
C229020F	Not authorized to communicate with target
C2290210	Invalid system service name
C2290211	Invalid function code
C2290212	Invalid message limit
C2290213	Duplicate buffer declaration
C2290214	Path has been severed
C2290215	Parm list message not allowed
C2290216	Send list invalid
C2290217	Negative length in list
C2290218	Invalid total list length
C2290219	PRMMSG and BUF/ANSLIST not allowed
C229021A	Buffer list not double-word aligned
C229021B	Answer list not double-word aligned
C229021C	No control buffer exists
C2290230	Function not supported for CSS
C22903nn	Get Latch error base code
C2290304	Latch held exclusive, request was exclusive

Table 5-41 X'C229' Instance Codes (Continued)

4-byte code	Description
C2290308	Logic error
C229030C	Bad parameter
C2290310	User held the CML
C2290314	Suspend failed
C2290318	Storage obtain failed
C229031C	SFRE entry in use
C2290318	Storage obtain failed
C2290320	Latch held shared, request was exclusive
C2290324	Latch held exclusive, request was shared
C22904nn	Free Latch error base code
C2290404	Latch not held
C2290408	Logic error
C229040C	Bad parameter

C22Axxxx T011SGS

Table 5-42 X'C22A' Instance Codes

4-byte code	Description
C22A0001	SAW found on pending queue
C22A0002	UICV is not available
C22A0003	Unable to obtain SAW
C22A0004	IUCV flags error
C22A0005	IUCV header error
C22A0006	Invalid socket type
C22A0007	Socket in listening state
C22A0008	Socket is not connected
C22A01nn	IUCV error base code if IPRCODE was saved
C22A0101	Invalid path ID
C22A0102	Path quiesced
C22A0103	Message limit exceeded
C22A0104	Priority message not allowed on this path
C22A0105	Buffer too short for message
C22A0106	Fetch protection exception
C22A0107	Addressing exception
C22A0108	Class or path invalid
C22A0109	Message has been purged
C22A010A	Message length negative
C22A010B	Target is not in system

Table 5-42 X'C22A' Instance Codes (Continued)

4-byte code	Description
C22A010C	Target is not prepared for IUCV
C22A010D	Invoker max connect count exceeded
C22A010E	Target max connect count exceeded
C22A010F	Not authorized to communicate with target
C22A0110	Invalid system service name
C22A0111	Invalid function code
C22A0112	Invalid message limit
C22A0113	Duplicate buffer declaration
C22A0114	Path has been severed
C22A0115	Parm list message not allowed
C22A0116	Send list invalid
C22A0117	Negative length in list
C22A0118	Invalid total list length
C22A0119	PRMSG and BUF/ANSLIST not allowed
C22A011A	Buffer list not double-word aligned
C22A011B	Answer list not double-word aligned
C22A011C	No control buffer exists
C22A0130	Function not supported for CSS
C22A02nn	IUCV error base code if IPRCODE was not saved
C22A0201	Invalid path ID
C22A0202	Path quiesced
C22A0203	Message limit exceeded
C22A0204	Priority message not allowed on this path
C22A0205	Buffer too short for message
C22A0206	Fetch protection exception
C22A0207	Addressing exception
C22A0208	Class or path invalid
C22A0209	Message has been purged
C22A020A	Message length negative
C22A020B	Target is not in system
C22A020C	Target is not prepared for IUCV
C22A020D	Invoker max connect count exceeded
C22A020E	Target max connect count exceeded
C22A020F	Not authorized to communicate with target
C22A0210	Invalid system service name
C22A0211	Invalid function code
C22A0212	Invalid message limit
C22A0213	Duplicate buffer declaration

Table 5-42 X'C22A' Instance Codes (Continued)

4-byte code	Description
C22A0214	Path has been severed
C22A0215	Parm list message not allowed
C22A0216	Send list invalid
C22A0217	Negative length in list
C22A0218	Invalid total list length
C22A0219	PRMMSG and BUF/ANSLIST not allowed
C22A021A	Buffer list not double-word aligned
C22A021B	Answer list not double-word aligned
C22A021C	No control buffer exists
C22A0230	Function not supported for CSS
C22A03nn	Get Latch error base code
C22A0304	Latch held exclusive, request was exclusive
C22A0308	Logic error
C22A030C	Bad parameter
C22A0310	User held the CML
C22A0314	Suspend failed
C22A0318	Storage obtain failed
C22A031C	SFRE entry in use
C22A0318	Storage obtain failed
C22A0320	Latch held shared, request was exclusive
C22A0324	Latch held exclusive, request was shared
C22A05nn	Free Latch error base code
C22A0504	Latch not held
C22A0508	Logic error
C22A050C	Bad parameter
C22A06nn	Free Latch error during error processing base code
C22A0604	Latch not held
C22A0608	Logic error
C22A060C	Bad parameter

C22Bxxxx T011SID

Table 5-43 X'C22B' Instance Codes

4-byte code	Description
C22B0001	IUCV not available
C22B0002	Unable to obtain SAW
C22B0003	IUCV header error
C22B01nn	IUCV error base code if IPRCODE was saved

Table 5-43 X'C22B' Instance Codes (Continued)

4-byte code	Description
C22B0101	Invalid path ID
C22B0102	Path quiesced
C22B0103	Message limit exceeded
C22B0104	Priority message not allowed on this path
C22B0105	Buffer too short for message
C22B0106	Fetch protection exception
C22B0107	Addressing exception
C22B0108	Class or path invalid
C22B0109	Message has been purged
C22B010A	Message length negative
C22B010B	Target is not in system
C22B010C	Target is not prepared for IUCV
C22B010D	Invoker max connect count exceeded
C22B010E	Target max connect count exceeded
C22B010F	Not authorized to communicate with target
C22B0110	Invalid system service name
C22B0111	Invalid function code
C22B0112	Invalid message limit
C22B0113	Duplicate buffer declaration
C22B0114	Path has been severed
C22B0115	Parm list message not allowed
C22B0116	Send list invalid
C22B0117	Negative length in list
C22B0118	Invalid total list length
C22B0119	PRMMSG and BUF/ANSLIST not allowed
C22B011A	Buffer list not double-word aligned
C22B011B	Answer list not double-word aligned
C22B011C	No control buffer exists
C22B0130	Function not supported for CSS
C22B02nn	IUCV error base code if IPRCODE was not saved
C22B0201	Invalid path ID
C22B0202	Path quiesced
C22B0203	Message limit exceeded
C22B0204	Priority message not allowed on this path
C22B0205	Buffer too short for message
C22B0206	Fetch protection exception
C22B0207	Addressing exception
C22B0208	Class or path invalid

Table 5-43 X'C22B' Instance Codes (Continued)

4-byte code	Description
C22B0209	Message has been purged
C22B020A	Message length negative
C22B020B	Target is not in system
C22B020C	Target is not prepared for IUCV
C22B020D	Invoker max connect count exceeded
C22B020E	Target max connect count exceeded
C22B020F	Not authorized to communicate with target
C22B0210	Invalid system service name
C22B0211	Invalid function code
C22B0212	Invalid message limit
C22B0213	Duplicate buffer declaration
C22B0214	Path has been severed
C22B0215	Parm list message not allowed
C22B0216	Send list invalid
C22B0217	Negative length in list
C22B0218	Invalid total list length
C22B0219	PRMMSG and BUF/ANSLIST not allowed
C22B021A	Buffer list not double-word aligned
C22B021B	Answer list not double-word aligned
C22B021C	No control buffer exists
C22B0230	Function not supported for CSS
C22B0999	IUCV message purged

C22Cxxxx T011SIN

Table 5-44 X'C22C' Instance Codes

4-byte code	Description
C22C0009	Second initial message call
C22C000A	EIB TRGCLS not zero initially
C22C000B	Option MSGDATA was set
C22C000C	Option one-way was set
C22C000D	Path ID configuration error
C22C0020	Initial message length invalid
C22C0021	Initial replay length invalid
C22C0023	API name is not IUCVAPI
C22C0024	API type is not 2 or 3
C22C0025	Task ID is blank
C22C0028	Duplicate Jobname/TaskID

Table 5-44 X'C22C' Instance Codes (Continued)

4-byte code	Description
C22C0030	Unable to obtain Index3
C22C0031	Unable to obtain Index4
C22C0E00	Terminating
C22C0F00	IUCV not available
C22C10nn	IUCV receive error base code
C22C1001	Invalid path ID
C22C1002	Path quiesced
C22C1003	Message limit exceeded
C22C1004	Priority message not allowed on this path
C22C1005	Buffer too short for message
C22C1006	Fetch protection exception
C22C1007	Addressing exception
C22C1008	Class or path invalid
C22C1009	Message has been purged
C22C100A	Message length negative
C22C100B	Target is not in system
C22C100C	Target is not prepared for IUCV
C22C100D	Invoker max connect count exceeded
C22C100E	Target max connect count exceeded
C22C100F	Not authorized to communicate with target
C22C1010	Invalid system service name
C22C1011	Invalid function code
C22C1012	Invalid message limit
C22C1013	Duplicate buffer declaration
C22C1014	Path has been severed
C22C1015	Parm list message not allowed
C22C1016	Send list invalid
C22C1017	Negative length in list
C22C1018	Invalid total list length
C22C1019	PRMMSG and BUF/ANSLIST not allowed
C22C101A	Buffer list not double-word aligned
C22C101B	Answer list not double-word aligned
C22C101C	No control buffer exists
C22C2030	Function not supported for CSS
C22C20nn	IUCV reply error base code
C22C2001	Invalid path ID
C22C2002	Path quiesced
C22C2003	Message limit exceeded

Table 5-44 X'C22C' Instance Codes (Continued)

4-byte code	Description
C22C2004	Priority message not allowed on this path
C22C2005	Buffer too short for message
C22C2006	Fetch protection exception
C22C2007	Addressing exception
C22C2008	Class or path invalid
C22C2009	Message has been purged
C22C200A	Message length negative
C22C200B	Target is not in system
C22C200C	Target is not prepared for IUCV
C22C200D	Invoker max connect count exceeded
C22C200E	Target max connect count exceeded
C22C200F	Not authorized to communicate with target
C22C2010	Invalid system service name
C22C2011	Invalid function code
C22C2012	Invalid message limit
C22C2013	Duplicate buffer declaration
C22C2014	Path has been severed
C22C2015	Parm list message not allowed
C22C2016	Send list invalid
C22C2017	Negative length in list
C22C2018	Invalid total list length
C22C2019	PRMMSG and BUF/ANSLIST not allowed
C22C201A	Buffer list not double-word aligned
C22C201B	Answer list not double-word aligned
C22C201C	No control buffer exists
C22C3030	Function not supported for CSS
C22C30nn	IUCV sever error base code
C22C3001	Invalid path ID
C22C3002	Path quiesced
C22C3003	Message limit exceeded
C22C3004	Priority message not allowed on this path
C22C3005	Buffer too short for message
C22C3006	Fetch protection exception
C22C3007	Addressing exception
C22C3008	Class or path invalid
C22C3009	Message has been purged
C22C300A	Message length negative
C22C300B	Target is not in system

Table 5-44 X'C22C' Instance Codes (Continued)

4-byte code	Description
C22C300C	Target is not prepared for IUCV
C22C300D	Invoker max connect count exceeded
C22C300E	Target max connect count exceeded
C22C300F	Not authorized to communicate with target
C22C3010	Invalid system service name
C22C3011	Invalid function code
C22C3012	Invalid message limit
C22C3013	Duplicate buffer declaration
C22C3014	Path has been severed
C22C3015	Parm list message not allowed
C22C3016	Send list invalid
C22C3017	Negative length in list
C22C3018	Invalid total list length
C22C3019	PRMMSG and BUF/ANSLIST not allowed
C22C301A	Buffer list not double-word aligned
C22C301B	Answer list not double-word aligned
C22C301C	No control buffer exists
C22C3030	Function not supported for CSS

C22Dxxxx T011SIO

Table 5-45 X'C22D' Instance Codes

4-byte code	Description
C22D0001	IUCV flags invalid
C22D0002	Answer area too small
C22D0003	Option data too long
C22D0011	IUCV flags invalid
C22D0012	Answer area too small (file control)
C22D0013	Invalid command value
C22D0014	Invalid argument value
C22D0080	Authorization violation
C22D00E1	Unable to obtain SAW
C22D00E2	Unable to obtain MBUF
C22D00FF	IUCV not available
C22D01nn	IUCV receive error base code
C22D0101	Invalid path ID
C22D0102	Path quiesced
C22D0103	Message limit exceeded

Table 5-45 X'C22D' Instance Codes (Continued)

4-byte code	Description
C22D0104	Priority message not allowed on this path
C22D0105	Buffer too short for message
C22D0106	Fetch protection exception
C22D0107	Addressing exception
C22D0108	Class or path invalid
C22D0109	Message has been purged
C22D010A	Message length negative
C22D010B	Target is not in system
C22D010C	Target is not prepared for IUCV
C22D010D	Invoker max connect count exceeded
C22D010E	Target max connect count exceeded
C22D010F	Not authorized to communicate with target
C22D0110	Invalid system service name
C22D0111	Invalid function code
C22D0112	Invalid message limit
C22D0113	Duplicate buffer declaration
C22D0114	Path has been severed
C22D0115	Parm list message not allowed
C22D0116	Send list invalid
C22D0117	Negative length in list
C22D0118	Invalid total list length
C22D0119	PRMMSG and BUF/ANSLIST not allowed
C22D011A	Buffer list not double-word aligned
C22D011B	Answer list not double-word aligned
C22D011C	No control buffer exists
C22D0130	Function not supported for CSS
C22D02nn	IUCV reply error base code
C22D0201	Invalid path ID
C22D0202	Path quiesced
C22D0203	Message limit exceeded
C22D0204	Priority message not allowed on this path
C22D0205	Buffer too short for message
C22D0206	Fetch protection exception
C22D0207	Addressing exception
C22D0208	Class or path invalid
C22D0209	Message has been purged
C22D020A	Message length negative
C22D020B	Target is not in system

Table 5-45 X'C22D' Instance Codes (Continued)

4-byte code	Description
C22D020C	Target is not prepared for IUCV
C22D020D	Invoker max connect count exceeded
C22D020E	Target max connect count exceeded
C22D020F	Not authorized to communicate with target
C22D0210	Invalid system service name
C22D0211	Invalid function code
C22D0212	Invalid message limit
C22D0213	Duplicate buffer declaration
C22D0214	Path has been severed
C22D0215	Parm list message not allowed
C22D0216	Send list invalid
C22D0217	Negative length in list
C22D0218	Invalid total list length
C22D0219	PRMMSG and BUF/ANSLIST not allowed
C22D021A	Buffer list not double-word aligned
C22D021B	Answer list not double-word aligned
C22D021C	No control buffer exists
C22D0230	Function not supported for CSS
C22D03nn	Get Latch error base code
C22D0304	Latch held exclusive, request was exclusive
C22D0308	Logic error
C22D030C	Bad parameter
C22D0310	User held the CML
C22D0314	Suspend failed
C22D0318	Storage obtain failed
C22D031C	SFRE entry in use
C22D0318	Storage obtain failed
C22D0320	Latch held shared, request was exclusive
C22D0324	Latch held exclusive, request was shared
C22D04nn	Free Latch error base code
C22D0404	Latch not held
C22D0408	Logic error
C22D040C	Bad parameter

C22Exxxx T011SLI

Table 5-46 X'C22E' Instance Codes

4-byte code	Description
C22E0001	IUCV not available
C22E0002	Unable to obtain SAW
C22E0003	IUCV header error
C22E0004	Invalid socket type
C22E01nn	IUCV error base code if IPRCODE was saved
C22E0101	Invalid path ID
C22E0102	Path quiesced
C22E0103	Message limit exceeded
C22E0104	Priority message not allowed on this path
C22E0105	Buffer too short for message
C22E0106	Fetch protection exception
C22E0107	Addressing exception
C22E0108	Class or path invalid
C22E0109	Message has been purged
C22E010A	Message length negative
C22E010B	Target is not in system
C22E010C	Target is not prepared for IUCV
C22E010D	Invoker max connect count exceeded
C22E010E	Target max connect count exceeded
C22E010F	Not authorized to communicate with target
C22E0110	Invalid system service name
C22E0111	Invalid function code
C22E0112	Invalid message limit
C22E0113	Duplicate buffer declaration
C22E0114	Path has been severed
C22E0115	Parm list message not allowed
C22E0116	Send list invalid
C22E0117	Negative length in list
C22E0118	Invalid total list length
C22E0119	PRMMSG and BUF/ANSLIST not allowed
C22E011A	Buffer list not double-word aligned
C22E011B	Answer list not double-word aligned
C22E011C	No control buffer exists
C22E0130	Function not supported for CSS
C22E02nn	IUCV error base code if IPRCODE was not saved
C22E0201	Invalid path ID
C22E0202	Path quiesced

Table 5-46 X'C22E' Instance Codes (Continued)

4-byte code	Description
C22E0203	Message limit exceeded
C22E0204	Priority message not allowed on this path
C22E0205	Buffer too short for message
C22E0206	Fetch protection exception
C22E0207	Addressing exception
C22E0208	Class or path invalid
C22E0209	Message has been purged
C22E020A	Message length negative
C22E020B	Target is not in system
C22E020C	Target is not prepared for IUCV
C22E020D	Invoker max connect count exceeded
C22E020E	Target max connect count exceeded
C22E020F	Not authorized to communicate with target
C22E0210	Invalid system service name
C22E0211	Invalid function code
C22E0212	Invalid message limit
C22E0213	Duplicate buffer declaration
C22E0214	Path has been severed
C22E0215	Parm list message not allowed
C22E0216	Send list invalid
C22E0217	Negative length in list
C22E0218	Invalid total list length
C22E0219	PRMMSG and BUF/ANSLIST not allowed
C22E021A	Buffer list not double-word aligned
C22E021B	Answer list not double-word aligned
C22E021C	No control buffer exists
C22E0230	Function not supported for CSS
C22E03nn	Get latch failure base code
C22E0304	Latch held exclusive, request was exclusive
C22E0308	Logic error
C22E030C	Bad parameter
C22E0310	User held the CML
C22E0314	Suspend failed
C22E0318	Storage obtain failed
C22E031C	SFRE entry in use
C22E0318	Storage obtain failed
C22E0320	Latch held shared, request was exclusive
C22E0324	Latch held exclusive, request was shared

Table 5-46 X'C22E' Instance Codes (Continued)

4-byte code	Description
C22E04nn	Free latch failure base code
C22E0404	Latch not held
C22E0408	Logic error
C22E040C	Bad parameter
C22E0999	IUCV purged message

C22Fxxxx T011SRV

Table 5-47 X'C22F' Instance Codes

4-byte code	Description
C22F0000	Return to caller pending callback
C22F0010	TRGCLS is invalid
C22F0020	IUCV flags invalid - READ
C22F0023	IUCV answer length is negative - READ
C22F0024	Socket flags set for READ
C22F0030	IUCV flags invalid - RECVFROM
C22F0033	IUCV answer length is negative - RECVFROM
C22F0034	Socket flags set for RECVFROM
C22F0050	Attempting recovery after IUCV error
C22F0060	Receive data was requeued
C22F00E1	Unable to obtain primary SAW
C22F00E4	Unable to obtain MBUF
C22F00FF	IUCV not available
C22F01nn	IUCV error base code
C22F0101	Invalid path ID
C22F0102	Path quiesced
C22F0103	Message limit exceeded
C22F0104	Priority message not allowed on this path
C22F0105	Buffer too short for message
C22F0106	Fetch protection exception
C22F0107	Addressing exception
C22F0108	Class or path invalid
C22F0109	Message has been purged
C22F010A	Message length negative
C22F010B	Target is not in system
C22F010C	Target is not prepared for IUCV
C22F010D	Invoker max connect count exceeded
C22F010E	Target max connect count exceeded

Table 5-47 X'C22F' Instance Codes (Continued)

4-byte code	Description
C22F010F	Not authorized to communicate with target
C22F0110	Invalid system service name
C22F0111	Invalid function code
C22F0112	Invalid message limit
C22F0113	Duplicate buffer declaration
C22F0114	Path has been severed
C22F0115	Parm list message not allowed
C22F0116	Send list invalid
C22F0117	Negative length in list
C22F0118	Invalid total list length
C22F0119	PRMMSG and BUF/ANSLIST not allowed
C22F011A	Buffer list not double-word aligned
C22F011B	Answer list not double-word aligned
C22F011C	No control buffer exists
C22F0130	Function not supported for CSS
C22F02nn	Get Latch error base code - normal processing
C22F0204	Latch held exclusive, request was exclusive
C22F0208	Logic error
C22F020C	Bad parameter
C22F0210	User held the CML
C22F0214	Suspend failed
C22F0218	Storage obtain failed
C22F021C	SFRE entry in use
C22F0218	Storage obtain failed
C22F0220	Latch held shared, request was exclusive
C22F0224	Latch held exclusive, request was shared
C22F03nn	Get Latch error base code - resumed processing
C22F0304	Latch held exclusive, request was exclusive
C22F0308	Logic error
C22F030C	Bad parameter
C22F0310	User held the CML
C22F0314	Suspend failed
C22F0318	Storage obtain failed
C22F031C	SFRE entry in use
C22F0318	Storage obtain failed
C22F0320	Latch held shared, request was exclusive
C22F0324	Latch held exclusive, request was shared
C22F05nn	Get Latch error base code - error recovery

Table 5-47 X'C22F' Instance Codes (Continued)

4-byte code	Description
C22F0504	Latch held exclusive, request was exclusive
C22F0508	Logic error
C22F050C	Bad parameter
C22F0510	User held the CML
C22F0514	Suspend failed
C22F0518	Storage obtain failed
C22F051C	SFRE entry in use
C22F0518	Storage obtain failed
C22F0520	Latch held shared, request was exclusive
C22F0524	Latch held exclusive, request was shared
C22F06nn	Free Latch error base code - normal processing
C22F0604	Latch not held
C22F0608	Logic error
C22F060C	Bad parameter
C22F07nn	Free Latch error base code - before suspend
C22F0704	Latch not held
C22F0708	Logic error
C22F070C	Bad parameter
C22F08nn	Free Latch error base code - error recovery
C22F0804	Latch not held
C22F0808	Logic error
C22F080C	Bad parameter
C22F09nn	Free Latch error base code - receive data queued
C22F0904	Latch not held
C22F0908	Logic error
C22F090C	Bad parameter
C22F1FFF	Bulk mode - not supported yet

C230xxxx T011SSD

Table 5-48 X'C230' Instance Codes

4-byte code	Description
C2300001	Invalid IUCV flags
C2300002	ANSWER area too small
C2300003	REQUEST area too small
C2300020	Invalid IUCV Target Class
C2300023	Invalid flags
C23000E1	Unable to obtain a SAW

Table 5-48 X'C230' Instance Codes

4-byte code	Description
C23000FF	PC number is zero
C2300100	Error on IUCV RECEIVE
C2300500	Error on IUCV REPLY
C2300700	Unable to obtain SEPM LATCH
C2300900	Unable to obtain SEPM LATCH
C2300B00	Error freeing SEPM LATCH
C2300C00	Error freeing SEPM LATCH
C2300D00	Error freeing SEPM LATCH
C2300E00	Error freeing SEPM LATCH
C2301FFF	Bulk Mode not supported

C231xxxx T011SSH

Table 5-49 X'C231' Instance Codes

4-byte code	Description
C2310001	IUCV not active
C2310002	Error obtaining SAW
C2310003	Invalid IUCV flags
C2310100	Return Code 1 from IUCV function
C2310200	Return Code other than 1 from IUCV function
C2310300	Unable to obtain SEPM LATCH
C2310400	Error freeing SEPM LATCH
C2310999	Message Purged

C232xxxx T011SSK

Table 5-50 X'C232' Instance Codes

4-byte code	Description
C2320001	IUCV not active
C2320002	Error obtaining SAW
C2320003	Invalid IUCV flags
C2320004	IUCV header error
C2320005	Socket number out of range
C2320006	IUCV Socket Array Pointer error (INDEX4)
C2320007	Socket number already in use
C2320008	Unable to obtain an SEPM block
C2320009	Domain not supported (must be AF_INET)

Table 5-50 X'C232' Instance Codes

4-byte code	Description
C232000A	Invalid socket type
C232000B	Invalid socket protocol
C232000C	Invalid socket type
C232000D	Socket type RAW and protocol TCP
C232000E	Socket type STREAM and protocol not TCP
C232000F	Socket type DATAGRAM and protocol not UDP
C2320012	TCP/IP stack Short-On-Storage (SOS)
C2320100	Return Code 1 from IUCV function
C2320200	Return Code other than 1 from IUCV function
C2320999	Message Purged

C233xxxx T011SSL

Table 5-51 X'C233' Instance Codes

4-byte code	Description
C2330001	IUCV not active
C2330002	Error obtaining SAW
C2330003	Invalid IUCV flags
C2330004	IUCV header error
C2330005	Error obtaining MBUF
C2330006	No sockets selected & no timeout value
C2330007	Error obtaining secondary SAWs
C2330008	Error obtaining secondary SAWs (fewer returned)
C2330100	Return Code 1 from IUCV function
C2330200	Return Code other than 1 from IUCV function
C2330300	Unable to obtain SEPM LATCH
C2330400	Unable to obtain SEPM LATCH
C2330500	Unable to obtain IUCV Control Latch
C2330600	Unable to obtain IUCV Control Latch
C2330700	Unable to obtain IUCV Control Latch
C2330800	Error freeing SEPM LATCH
C2330900	Error freeing IUCV Control Latch
C2330A00	Error freeing IUCV Control Latch
C2330B00	Error freeing IUCV Control Latch
C2330C00	Error freeing IUCV Control Latch
C2330D00	Error freeing SEPM LATCH
C2330EEE	Message Purged

C234xxxx T011SSO

Table 5-52 X'C234' Instance Codes

4-byte code	Description
C2340001	Invalid IUCV flags
C2340002	ANSWER area too small
C2340003	Option data too long
C2340010	Not SOL_SOCKET for IBM options
C23400E1	Error obtaining SAW
C23400FF	PC number is zero
C2340100	Error on IUCV RECEIVE
C2340200	Error on IUCV REPLY
C2340300	Unable to obtain SEPM LATCH
C2340400	Error freeing SEPM LATCH

C235xxxx T011SSP

Table 5-53 X'C235' Instance Codes

4-byte code	Description
C235000A	Error obtaining primary SAW
C235000B	Invalid PATHID
C2350014	Error obtaining working SAW
C2350100	IUCV SEVER failed
C2350200	Unable to obtain IUCV Control Latch
C2350300	Unable to obtain SEPM LATCH
C2350600	Error freeing SEPM LATCH
C2350700	Error freeing IUCV Control Latch
C2350E00	IUCV not active
C2350F00	PC number is zero

C236xxxx T011STS

Table 5-54 X'C236' Instance Codes

4-byte code	Description
C2360001	IUCV not active
C2360002	Error obtaining SAW
C2360003	Invalid IUCV flags
C2360004	IUCV header error
C2360005	Socket number out of range
C2360006	IUCV Socket Array Pointer error (INDEX4)

Table 5-54 X'C236' Instance Codes (Continued)

4-byte code	Description
C2360007	Socket number already in use
C2360008	No existing PATH Table
C2360009	Invalid Socket descriptor
C236000A	Socket number already in use
C236000B	Socket not being passed
C236000C	Socket not given to taker (JOBNAME)
C236000D	Socket not given to taker (AUTH)
C236000E	Error in slot in Socket Array
C2360100	Return Code 1 from IUCV function
C2360200	Return Code other than 1 from IUCV function
C2360300	Unable to obtain SEPM LATCH
C2360400	Unable to obtain IUCV Control Latch
C2360500	Error freeing SEPM LATCH
C2360600	Error freeing SEPM LATCH
C2360700	Error freeing IUCV Control Latch
C2360800	Error freeing IUCV Control Latch
C2360999	Message Purged
C2360A00	Error freeing IUCV Control Latch

C240xxxx (01xx) T012SPC

Table 5-55 X'C240' Instance Codes

4-byte code	2-byte code	Description
C2400001	0101	XWA not found
C2400002	0102	SAVT not found
C2400003	0103	SAVX not found
C2400004	0104	SPCB not found
C2400005	0105	TSVT not found
C2400006	0106	Caller has an active FRR
C2400007	0107	ASID out of range
C2400008	0108	Unable to obtain CSQB
C2400009	0109	Socket function out of range
C240000A	010A	Unsupported socket function
C240000B	010B	System is terminating
C24000FF	01FF	Recovery SEPM not found

C241xxxx (03xx) T012TACC

Table 5-56 X'C241' Instance Codes

4-byte code	2-byte code	Description
C2410001	0301	Unexpected abend
C2410002	0302	Recursive error
C2410003	0303	Error copying TPL to secondary
C2410004	0304	Error copying exit codes to TPL
C2410005	0305	VTPL abend
C2410020	0320	SAW not obtained
C2410021	0321	SEPM state invalid
C2410022	0322	TPLSEQNO zero
C2410023	0323	TPLOPLEN not zero
C2410024	0324	New endpoint TCEP storage invalid
C2410025	0325	New endpoint SEPM not disabled
C2410026	0326	SEPM not on listen queue

C242xxxx (04xx) T012TADR

Table 5-57 X'C242' Instance Codes

2-byte code	2-byte code	Description
C2420001	0401	Unexpected abend
C2420002	0402	Recursive error
C2420003	0403	Error copying TPL to secondary
C2420004	0404	Error copying exit codes to TPL
C2420005	0405	VTPL abend
C2420006	0406	Abend copying TPA to secondary
C2420020	0420	SAW not obtained
C2420021	0421	Data area length zero
C2420022	0422	Data area too small and NOTRUNC specified
C2420023	0423	Remote endpoint state error
C2420024	0424	Local endpoint state error

C243xxxx (05xx) T012TBIN

Table 5-58 X'C243' Instance Codes

4-byte code	2-byte code	Description
C2430001	0501	Unexpected abend
C2430002	0502	Recursive error
C2430003	0503	Error copying TPL to secondary

Table 5-58 X'C243' Instance Codes

4-byte code	2-byte code	Description
C2430004	0504	Error copying exit codes to TPL
C2430005	0505	VTPL abend
C2430020	0520	SAW not obtained
C2430021	0521	TLI state invalid
C2430022	0522	TCP QLISTEN value not negotiable
C2430023	0523	RAW socket has non-zero QLISTEN value
C2430024	0524	UDP QLISTEN value not negotiable
C2430025	0525	TPA not big enough and OPTCD=ASSIG specified
C2430026	0526	TPA not big enough and OPTCD=NOTRUNC specified
C2430027	0527	TPA domain invalid
C2430028	0528	RAW socket missing host IP address
C2430029	0529	TCP/UDP socket missing port number
C243002A	052A	SEPM state invalid
C243002B	052B	SEPM not obtained
C243002C	052C	Port assignment failed
C243002D	052D	Port in use and REUSEADDR not set

C244xxxx (06xx) T012TCLR

Table 5-59 X'C243' Instance Codes

4-byte code	2-byte code	Description
C2440001	0601	Unexpected abend
C2440002	0602	Recursive error
C2440003	0603	Error copying TPL to secondary
C2440004	0604	Error copying exit codes to TPL
C2440005	0605	VTPL abend
C2440020	0620	SAW not obtained
C2440021	0621	SEPM state invalid

C245xxxx (07xx) T012TCLS

Table 5-60 X'C245' Instance Codes

4-byte code	2-byte code	Description
C2450000	0700	Unexpected abend
C2450001	0701	Abend occurred in fail logic
C2450002	0702	TPL validation failed
C2450003	0703	Unable to obtain latch

Table 5-60 X'C245' Instance Codes (Continued)

4-byte code	2-byte code	Description
C2450004	0704	ASCB Validation failed
C2450005	0705	TCB address is negative
C2450006	0706	31-bit TCB address passed
C2450007	0707	TCLOSE PASS: TCLOSE PASS pending
C2450008	0708	TCLOSE PASS: Accept pending
C2450009	0709	TCLOSE PASS: Receive pending
C245000A	070A	TCLOSE PASS: Send pending
C245000B	070B	TCLOSE PASS: Select pending
C245000C	070C	TCLOSE PASS: TCP Output queue non-zero
C245000D	070D	TCLOSE PASS: UDP/RAW send pending
C245000E	070E	TCLOSE PASS: Shutdown pending
C245000F	070F	TCLOSE PASS: TOPEN OLD or TCLOSE DELETE retracted
C2450010	0710	TCLOSE PASS: TCLOSE Pending
C2450011	0711	Unable to obtain latch
C2450012	0712	Unable to obtain latch
C2450013	0713	Resumed and SAW flagged with exit now bit set
C2450014	0714	Resumed and SAW return code non-zero
C2450015	0715	Unable to obtain latch
C2450016	0716	Unable to obtain latch
C2450017	0717	Resumed and SAW flagged with exit now bit set
C2450018	0718	Resumed and SAW return code non-zero
C2450019	0719	TOPEN OLD failed: Authorization failed
C245001A	071A	TOPEN OLD failed by TCLOSE DELETE
C245001B	071B	TCP shut down during TCLOSE processing
C245001C	071C	SEPM state NULL after suspend/callback
C245001D	071D	SEPM state DEAD after suspend/callback

C246xxxx (08xx) T012TCNF

Table 5-61 X'C243' Instance Code s

4-byte code	2-byte code	Description
C2460001	0801	Unexpected abend
C2460002	0802	Recursive error
C2460003	0803	Error copying TPL to secondary
C2460004	0804	Error copying exit codes to TPL
C2460005	0805	VTPL abend
C2460006	0806	Abend copying TPA to secondary
C2460020	0820	SAW not obtained

Table 5-61 X'C243' Instance Code (Continued)s

4-byte code	2-byte code	Description
C2460021	0821	SEPM state invalid
C2460022	0822	Connection not done or in flight
C2460023	0823	SEPM state NULL after suspend/callback
C2460024	0824	SEPM state DEAD after suspend/callback
C2460025	0825	SEPM not connected
C2460026	0826	User TPA area is too small and OPTCD=NOTRUNC specified

C247xxxx (09xx)T012TCON

Table 5-62 X'C243' Instance Codes

4-byte code	2-byte code	Description
C2470001	0901	Unexpected abend
C2470002	0902	Recursive error
C2470003	0903	Error copying TPL to secondary
C2470004	0904	Error copying exit codes to TPL
C2470005	0905	VTPL abend
C2470020	0920	Not enough memory to perform function
C2470021	0921	No SAWs obtained
C2470022	0922	Only one SAW obtained
C2470023	0923	SEPM state invalid
C2470024	0924	Protocol address area is too small
C2470025	0925	Invalid internet domain
C2470026	0926	Port number is zero
C2470027	0927	Attempting to replace non-dead SEPM
C2470028	0928	Unable to obtain SEPM

C248xxxx (0Axx) T012TDIS

Table 5-63 X'C243' Instance Code s

4-byte code	2-byte code	Description
C2480001	0A01	Unexpected abend
C2480002	0A02	Recursive error
C2480003	0A03	Error copying TPL to secondary
C2480004	0A04	Error copying exit codes to TPL
C2480005	0A05	VTPL abend
C2480020	0A20	SAW not obtained
C2480021	0A21	SEPM state invalid

Table 5-63 X'C243' Instance Code (Continued)s

4-byte code	2-byte code	Description
C2480022	0A22	Socket state dead/failed and TPL OPTCD=ABORT specified

C249xxxx (0Bxx) T012TINF

Table 5-64 X'C249' Instance Codes

4-byte code	2-byte code	Description
C2490001	0B01	Unexpected abend
C2490002	0B02	Recursive error
C2490003	0B03	Error copying TPL to secondary
C2490004	0B04	Error copying exit codes to TPL
C2490005	0B05	VTPL abend
C2490020	0B20	SAW not obtained
C2490021	0B21	Data area too small and OPTCD=NOTRUNC specified

C24Axxxx (0Cxx) T012TLIS

Table 5-65 X'C24A' Instance Codes

4-byte code	2-byte code	Description
C24A0001	0C01	Unexpected abend
C24A0002	0C02	Recursive error
C24A0003	0C03	Error copying TPL to secondary
C24A0004	0C04	Error copying exit codes to TPL
C24A0005	0C05	VTPL abend
C24A0006	0C06	Abend copying TPA to secondary
C24A0020	0C20	SAW not obtained
C24A0021	0C21	SEPM state invalid
C24A0022	0C22	SEPM state NULL after suspend/callback
C24A0023	0C23	SEPM state DEAD after suspend/callback
C24A0024	0C24	Transaction would block and OPTCD=NOBLOCK specified
C24A0025	0C25	Child SEPM is unavailable
C24A0026	0C26	User TPA area is too small and OPTCD=NOTRUNC specified

C24Bxxxx (0Dxx) T012TOPN**Table 5-66 X'C24B' Instance Codes**

4-byte code	2-byte code	Description
C24B0000	0D00	Use SAW exit codes
C24B0001	0D01	Unexpected abend
C24B0002	0D02	Recursive error
C24B0003	0D03	Error copying TPL to secondary
C24B0004	0D04	Error copying exit codes to TPL
C24B0005	0D05	VTPL abend
C24B0006	0D06	Abend reading TUB storage
C24B0007	0D07	Abend reading ACEE storage
C24B0020	0D20	No memory (IMEMCHK)
C24B0021	0D21	No SAW (IGPOL)
C24B0022	0D22	Invalid End Point Id (Optcd=New)
C24B0023	0D23	ASCB validation failed
C24B0024	0D24	Invalid End Point Id (OPTCD=OLD) (No ATCB)
C24B0025	0D25	Invalid End Point Id (OPTCD=OLD) (No SEPM)
C24B0026	0D26	Close Pass SEPM in invalid state
C24B0027	0D27	Open Old already occurred on target endpoint
C24B0028	0D28	Close Pass ASCB Auth Check failed
C24B0029	0D29	Close Pass TCB Auth Check failed
C24B002A	0D2A	TUB above the line, APCB opened in 24-bit mode
C24B002B	0D2B	TUB user id is too long
C24B002C	0D2C	TUB group name is too long
C24B002D	0D2D	TUB password is too long
C24B002E	0D2E	OPTCD=ACEE, but ACEE pointer is zero
C24B002F	0D2F	ACEE above the line, APCB opened in 24-bit mode
C24B0030	0D30	ACEE failed validation, control block id
C24B0031	0D31	ACEE failed validation, zero length
C24B0032	0D32	Invalid TPL Domain
C24B0033	0D33	Invalid TPL Type
C24B0034	0D34	Unable to locate Aopen ATCB
C24B0035	0D35	Unable to allocate SEPM
C24B0036	0D36	Unable to allocate TTCB
C24B0037	0D37	Unable to allocate IRB / IQE
C24B0038	0D38	Unable to allocate Savearea
C24B0039	0D39	Unable to allocate TCEP
C24B003A	0D3A	Invalid TXL length
C24B003B	0D3B	T01XCREA call gave return code 4
C24B003C	0D3C	T01XCREA call gave return code 8

Table 5-66 X'C24B' Instance Codes (Continued)

4-byte code	2-byte code	Description
C24B003D	0D3D	SEPM state NULL after suspend/callback
C24B003E	0D3E	SEPM state DEAD after suspend/callback
C24B003F	0D3F	Close Pass SEPM freed before callback/resume
C24B0040	0D40	AOPEN in 24-bit mode; exit/ECB in 31-bit mode
C24B0041	0D41	ECB/exit not on halfword boundary
C24B0042	0D42	ECB not on fullword boundary

C24Cxxxx (0Exx) T012TOPT

Table 5-67 X'C24C' Instance Codes

4-byte code	2-byte code	Description
C24C0064	0E64	Unable to obtain SAW
C24C0066	0E66	SEPM state is invalid
C24C006D	0E6D	Option was negotiated
C24C0070	0E70	Abend before TPL validation
C24C0071	0E71	Abend during TPL validation
C24C0072	0E72	Abend during VTPL processing
C24C0073	0E73	Abend during main body
C24C0074	0E74	Abend during rollback
C24C0075	0E75	Unexpected abend
C24C0076	0E76	No TPL was provided
C24C0077	0E77	Option not supported
C24C0078	0E78	API specified and option number negative
C24C0079	0E79	API specified and option number too high
C24C007A	0E7A	API not specified and option number not positive
C24C007B	0E7B	Option number out of range
C24C007C	0E7C	Undefined option
C24C007D	0E7D	No options buffer provided
C24C007E	0E7E	Option length zero
C24C007F	0E7F	Option argument too long
C24C0080	0E80	Option argument too long
C24C0082	0E82	OPTCD=DEFAULT not supported
C24C0083	0E83	OPTCD=DECLARE not supported
C24C0084	0E84	OPTCD=VERIFY not supported
C24C0085	0E85	OPTCD=QUERY not supported
C24C0088	0E88	Unable to determine exception
C24C0089	0E89	ADDROUTE/DELETEROUTE not authorized
C24C008A	0E8A	Unable to obtain MBUF

Table 5-67 X'C24C' Instance Codes (Continued)

4-byte code	2-byte code	Description
C24C008B	0E8B	Unable to obtain MBUF
C24C008C	0E8C	OPTCD=DECLARE not supported
C24C008D	0E8D	IOCTL DECLARE and not supervisor or home=secondary
C24C008E	0E8E	IOCTL VERIFY not supported
C24C008F	0E8F	IOCTL DEFAULT not supported
C24C0090	0E90	Unable to get SEPM latch
C24C0091	0E91	Option length too large

C24Dxxxx (0Fxx) T012TRCV

Table 5-68 X'C24D' Instance Codes

4-byte code	2-byte code	Description
C2400001	0F01	Unexpected abend
C2400002	0F02	Recursive error
C2400003	0F03	Error copying TPL to secondary
C2400004	0F04	Error copying exit codes to TPL
C2400005	0F05	VTPL abend
C2400006	0F06	Abend verifying vectors
C2400007	0F07	Abend in T01XREAD
C2400008	0F08	Abend in T012SUSP
C2400009	0F09	Abend in T01SMOVE
C240000A	0F0A	Abend adjusting vector lengths
C2400020	0F20	SAW not obtained
C2400021	0F21	SEPM state invalid
C2400022	0F22	No protocol options buffer provided
C2400023	0F23	Protocol options buffer length not 8
C2400024	0F24	Timeout option length not 8
C2400025	0F25	Timeout value too high
C2400026	0F26	OPTCD=INDIR vector length not a multiple of 8
C2400027	0F27	TRECV queue count exceeded
C2400028	0F28	Function would block and OPTCD=NOBLOCK specified
C2400029	0F29	Unable to set SEPM timer
C240002A	0F2A	No SAWs queued after suspend/callback
C240002B	0F2B	SEPM state NULL after suspend/callback
C240002C	0F2C	SEPM state DEAD after suspend/callback
C240002D	0F2D	Unable to set SEPM timer
C240002E	0F2E	Data requested, but none received

C24Exxxx (10xx) T012TRER

Table 5-69 X'C24E' Instance Codes

4-byte code	2-byte code	Description
C24E0001	1001	Unexpected abend
C24E0002	1002	Recursive error
C24E0003	1003	Error copying TPL to secondary
C24E0004	1004	Error copying exit codes to TPL
C24E0005	1005	VTPL abend
C24E0006	1006	Abend copying protocol address to TPA
C24E0020	1020	SAW not obtained
C24E0021	1021	Socket type not connectionless
C24E0022	1022	Remote endpoint state error
C24E0023	1023	Local endpoint state error
C24E0024	1024	Address area too small and OPTCD=NOTRUNC specified
C24E0025	1025	Child SEPM is unavailable
C24E0026	1026	User TPA area is too small and OPTCD=NOTRUNC specified

C24Fxxxx (11xx) T012TRFR

Table 5-70 X'C24F' Instance Codes

4-byte code	2-byte code	Description
C24F0001	1101	Unexpected abend
C24F0002	1102	Recursive error
C24F0003	1103	Error copying TPL to secondary
C24F0004	1104	Error copying exit codes to TPL
C24F0005	1105	VTPL abend
C24F0006	1106	Abend verifying vectors
C24F0007	1107	Abend in T01XREAD
C24F0008	1108	Abend in T012SUSP
C24F0009	1109	Abend in T01SMOVE
C24F000A	110A	Abend copying TPA
C24F000B	110B	Abend adjusting vector lengths
C24F0020	1120	SAW not obtained
C24F0021	1121	OPTCD=INDIR vector length not a multiple of 8
C24F0022	1122	SAW on send queue has shutdown function
C24F0023	1123	SEPM state invalid
C24F0024	1124	TSEND queue count exceeded
C24F0025	1125	Function would block and mode is TLI
C24F0026	1126	Function would block and OPTCD=NOBLOCK specified
C24F0027	1127	No SAWs queued after suspend/callback

Table 5-70 X'C24F' Instance Codes (Continued)

4-byte code	2-byte code	Description
C24F0028	1128	SEPM state NULL after suspend/callback
C24F0029	1129	SEPM state DEAD after suspend/callback
C24F002A	112A	MBUFs not obtained (T01SMBUF return code 4)
C24F002B	112B	MBUF byte count not positive (T01SMBUF return code 8)
C24F002C	112C	Secondary SAW not obtained
C24F002D	112D	MBUFs not obtained (T01SMBUF return code 4)
C24F002E	112E	MBUF byte count not positive (T01SMBUF return code 8)

C250xxxx (12xx) T012TRJT

Table 5-71 X'C250' Instance Codes

4-byte code	2-byte code	Description
C2500001	1201	Unexpected abend
C2500002	1202	Recursive error
C2500003	1203	Error copying TPL to secondary
C2500004	1204	Error copying exit codes to TPL
C2500005	1205	VTPL abend
C2500020	1220	SAW not obtained
C2500021	1221	SEPM state error
C2500022	1222	TPL sequence number zero
C2500023	1223	SEPM not on TLISTEN queue or queue blocked
C2500024	1224	SEPM not connected and TPL specified ABORT

C251xxxx (13xx) T012TRLK

Table 5-72 X'C251' Instance Codes

4-byte code	2-byte code	Description
C2510001	1301	Unexpected abend
C2510002	1302	Recursive error
C2510003	1303	Error copying TPL to secondary
C2510004	1304	Error copying exit codes to TPL
C2510005	1305	VTPL abend
C2510020	1320	SAW not obtained
C2510021	1321	SEPM state invalid
C2510022	1322	Release in progress and reset received
C2510023	1323	Receive queue blocked
C2510024	1324	SEPM state NULL after suspend/callback

Table 5-72 X'C251' Instance Codes (Continued)

4-byte code	2-byte code	Description
C2510025	1325	SEPM state DEAD after suspend/callback
C2510026	1326	SEPM state invalid after T01XSHT1

C252xxxx (14xx) T012TRLS

Table 5-73 X'C252' Instance Codes

4-byte code	2-byte code	Description
C2520001	1401	Unexpected abend
C2520002	1402	Recursive error
C2520003	1403	Error copying TPL to secondary
C2520004	1404	Error copying exit codes to TPL
C2520005	1405	VTPL abend
C2520006	1406	Abend copying TPA to secondary
C2520020	1420	SAW not obtained
C2520021	1421	SEPM state invalid
C2520022	1422	SEPM state NULL after suspend/callback
C2520023	1423	SEPM state DEAD after suspend/callback
C2520024	1424	SEPM state invalid after T01XSHT1

C253xxxx (15xx) T012TRCT

Table 5-74 X'C253' Instance Codes

4-byte code	2-byte code	Description
C2530001	1501	Unexpected abend
C2530002	1502	Recursive error
C2530003	1503	Error copying TPL to secondary
C2530004	1504	Error copying exit codes to TPL
C2530005	1505	VTPL abend
C2530020	1520	SAW not obtained
C2530021	1521	SEPM state error
C2530022	1522	SEPM accept queue empty/blocked

C254xxxx (16xx) T012TSND

Table 5-75 X'C254' Instance Codes

4-byte code	2-byte code	Description
C2540001	1601	Unexpected abend
C2540002	1602	Recursive error

Table 5-75 X'C254' Instance Codes (Continued)

4-byte code	2-byte code	Description
C2540003	1603	Error copying TPL to secondary
C2540004	1604	Error copying exit codes to TPL
C2540005	1605	VTPL abend
C2540006	1606	Abend verifying indirect data buffers
C2540007	1607	Abend in T01XSEND
C2540008	1608	Abend in T012SUSP
C2540009	1609	Abend getting MBUFs
C254000A	160A	Abend getting secondary SAWs
C254000B	160B	Abend getting MBUFs
C254000C	160C	Abend in T01SMOVE
C254000D	160D	Abend in T01XSND2
C254000E	160E	Abend updating tplCOUNT
C2540020	1620	SAW not obtained
C2540021	1621	OPTCD=INDIR vector length not a multiple of 8
C2540022	1622	SAW on send queue has shutdown function
C2540023	1623	SEPM state invalid
C2540024	1624	TSEND queue count exceeded
C2540025	1625	Function would block and mode is TLI
C2540026	1626	Function would block and OPTCD=NOBLOCK specified
C2540027	1627	Table entry available
C2540028	1628	SEPM state NULL after suspend/callback
C2540029	1629	SEPM state DEAD after suspend/callback
C254002A	162A	MBUFs not obtained (T01SMBUF return code 4)
C254002B	162B	MBUF byte count not positive (T01SMBUF return code 8)
C254002C	162C	Secondary SAW not obtained
C254002D	162D	MBUFs not obtained (T01SMBUF return code 4)
C254002E	162E	MBUF byte count not positive (T01SMBUF return code 8)

C255xxxx (17xx) T012TSTO

Table 5-76 X'C255' Instance Codes

4-byte code	2-byte code	Description
C2550001	1701	Unexpected abend
C2550002	1702	Recursive error
C2550003	1703	Error copying TPL to secondary
C2550004	1704	Error copying exit codes to TPL
C2550005	1705	VTPL abend
C2550006	1706	Abend verifying indirect data buffers

Table 5-76 X'C255' Instance Codes (Continued)

4-byte code	2-byte code	Description
C2550007	1707	Abend in T01XSND1
C2550008	1708	Abend in T012SUSP
C2550009	1709	Abend getting secondary SAWs
C255000A	170A	Abend getting MBUFs
C255000B	170B	Abend in T01SMOVE
C255000C	170C	Abend in T01XSND2
C255000D	170D	Abend updating tplCOUNT
C2550020	1720	SAW not obtained
C2550021	1721	SEPM state invalid
C2550022	1722	Protocol address omitted/too small
C2550023	1723	Vector length not a multiple of 8
C2550024	1724	TSEND queue count exceeded
C2550025	1725	Function would block and OPTCD=NOBLOCK specified
C2550026	1726	Function would block and mode is TLI
C2550027	1727	Function would block and OPTCD=NOBLOCK
C2550028	1728	TSEND queue blocked
C2550029	1729	SEPM state NULL after suspend/callback
C255002A	172A	SEPM state DEAD after suspend/callback
C255002B	172B	Secondary SAW not obtained
C255002C	172C	MBUFs not obtained (T01SMBUF return code 4)
C255002D	172D	MBUF byte count not positive (T01SMBUF return code 8)

C256xxxx (18xx) T012TUNB

Table 5-77 X'C256' Instance Codes

4-byte code	2-byte code	Description
C2560001	1801	Unexpected abend
C2560002	1802	Recursive error
C2560003	1803	Error copying TPL to secondary
C2560004	1804	Error copying exit codes to TPL
C2560005	1805	VTPL abend
C2560020	1820	SAW not obtained
C2560021	1821	SEPM state invalid

C257xxxx (19xx) T012TUSR

Table 5-78 X'C257' Instance Codes

4-byte code	2-byte code	Description
C2570001	1901	Unexpected abend
C2570002	1902	Recursive error
C2570003	1903	Error copying TPL to secondary
C2570004	1904	Error copying exit codes to TPL
C2570005	1905	VTPL abend
C2570006	1906	TUB storage fetch error
C2570007	1907	ACEE storage fetch error
C2570020	1920	SAW not obtained
C2570021	1921	User parameter missing
C2570022	1922	User parameter 31 bit, TPL 24 bit
C2570023	1923	TUB user ID length zero
C2570024	1924	TUB user ID too big
C2570025	1925	TUB group name too big
C2570026	1926	TUB password too big
C2570027	1927	ACEE block tag error
C2570028	1928	ACEE block length error
C2570029	1929	ACEE user ID length zero
C257002A	192A	ACEE user ID too big
C257002B	192B	TCEP not available
C257002C	192C	TCEP not available, and user parm is ACEE

C258xxxx (1Axx) T012AOPN

For more information on AOPEN/ACLOSE error codes, see AOPEN and ACLOSE Error Codes.

Table 5-79 X'C258' Error Codes

R00	apcbERRC	apcbDGNC	Description
0E	-	-	Not enough storage to continue
06	-	-	APCB tag check failed/storage not writable
09	09	0004	APCB is already open
0B	-	-	APCB is busy
06	06	0006	Access method is invalid
0B	0B	0007	Environment is invalid
06	06	0008	Exit list is invalid
03	03	0009	APCB initialization failed
07	07	000A	Unable to find application ID
07	07	000B	Matching ATCB has no TTCB

Table 5-79 X'C258' Error Cod (Continued)es

R00	apcbERRC	apcbDGNC	Description
0E	0E	000C	Unable to obtain ATCB
0E	0E	000D	Unable to obtain TTCB
0E	0E	000E	Unable to obtain IRBW
0E	0E	000F	Unable to obtain IRB save area
0E	0E	0010	Unable to obtain APCX
14	14	0011	OPTCD=AUTHEXIT and caller in problem state
07	07	0012	OPTCD=AUTHEXIT and MVS level less than 5.2.2
02	-	-	System is terminating

C259xxxx (1Bxx) T012ACLS

For more information on AOPEN/ACLOSE error codes, see AOPEN and ACLOSE Error Codes.

Table 5-80 X'C259' Error Codes

R00	abcbERRC	apcbDGNC	Description
06	-	-	APCB tag check failed/storage is not writable
0A	0A	0003	APCB is already closed
0B	-	-	APCB is busy
15	15	0005	TTRV tag check failed
0D	0D	0006	TCVT tag check failed
06	06	0007	ACLOSE done on different task from AOPEN
07	07	0008	SEPM close failed
07	07	0009	APCX remove failed
01	01	0009	Subsystem not configured (set by T01PSTUB)
07	07	000A	APCB reset failed
02	02	000A	Subsystem not active (set by T01PSTUB)
07	07	000B	System is terminating
07	07	000B	Failed to free SAS/C environment (set by T01PSTUB)
07	07	000C	IRB cleanup failed.

C25Axxxx (1Cxx) T012TCHK

Table 5-81 X'C243' Instance Codes

4-byte code	2-byte code	Description
C25A0001	1C01	Unexpected abend
C25A0002	1C02	Recursive error
C25A0003	1C03	Error copying TPL to secondary
C25A0004	1C04	Error copying exit codes to TPL
C25A0005	1C05	VTPL abend

Table 5-81 X'C243' Instance Codes (Continued)

4-byte code	2-byte code	Description
C25A0020	1C20	SAW not obtained
C25A0021	1C21	TPL is already inactive
C25A0022	1C22	Function exit not completed
C25A0023	1C23	ECB post requested in SRB mode
C25A0024	1C24	SEPM could not be deleted

C25Bxxxx (1Dxx) T012TERR

Table 5-82 X'C25B' Instance Codes

4-byte code	2-byte code	Description
C25B0079	1D79	Unable to obtain TEM
C25B007A	1D7A	Unable to build message
C25B007B	1D7B	Option is unsupported
C25B007C	1D7C	TPL is active
C25B009A	1D9A	Unable to obtain SAW
C25B009B	1D9B	Error validating TPL
C25B00FF	1DFF	Abend validating TPL

C25Cxxxx (1Exx) T012TSTA

Table 5-83 X'C25C' Instance Codes

4-byte code	2-byte code	Description
C25C0001	1E01	Unexpected abend
C25C0002	1E02	Recursive error
C25C0003	1E03	Error copying TPL to secondary
C25C0004	1E04	Error copying exit codes to TPL
C25C0005	1E05	VTPL abend
C25C0020	1E20	SAW not obtained
C25C0021	1E21	TPL is active

C25Fxxxx (21xx) T01PSTUB

Table 5-84 X'C25F' Instance Codes

4-byte code	2-byte code	Description
C25F0001	2101	Unable to obtain TSCE
C25F0002	2102	SAS/C initialization failed
C25F0003	2103	SAVT not available
C25F0004	2104	PC not available
C25F0005	2105	TCP restarted after AOPEN
C25F0005	2105	PC not available
C25F0007	2107	PC not available
C25F000C	210C	User active during TCP restart
C25F000D	210D	User active during TCP restart

C262xxxx (6Fxx) T012TPLK

Table 5-85 X'C262' Instance Codes

4-byte code	2-byte code	Description
C2620000	6F00	Unexpected abend
C2620001	6F01	Unable to test TPL form flag
C2620002	6F02	Unable to load TPL type
C2620003	6F03	TPL storage verification failed
C2620004	6F04	Unable to set TPL active
C2620005	6F05	Unable to update TPL function code
C2620006	6F06	Unable to set TPL 31-bit mode flag off
C2620007	6F07	Unable to follow chain to APCB
C2620008	6F08	Unable to set TPL 31-bit mode flag on
C2620009	6F09	Unable to copy TPL to SAW
C262000A	6F0A	TCEP storage verification failed
C262000A	6F0A	SEPM storage verification failed
C262000C	6F0C	Unable to clear internal ECB
C262000D	6F0D	External ECB storage verification failed
C262000E	6F0E	ADBUF read verification failed
C262000F	6F0F	ADBUF write verification failed
C2620010	6F10	DABUF read verification failed
C2620011	6F11	DABUF write verification failed
C2620012	6F12	Unable to follow MBUF chain
C2620013	6F13	OPBUF read verification failed
C2620014	6F14	OPBUF write verification failed
C2620020	6F20	Function code not positive

Table 5-85 X'C262' Instance Codes (Continued)

4-byte code	2-byte code	Description
C2620021	6F21	Function code greater than max allowed
C2620022	6F22	TPL type not recognized
C2620023	6F23	TPL is already active
C2620024	6F24	AOPEN in 31-bit mode; this function in 24-bit mode
C2620025	6F25	TCEP address is zero
C2620026	6F26	TCEP tag check failed
C2620027	6F27	TCEP pointer to SEPM is zero
C2620028	6F28	SEPM tag check failed
C2620029	6F29	SEPM pointer to TCEP is invalid
C262002A	6F2A	Exit/ECB address is missing
C262002B	6F2B	AOPEN in 24-bit mode; exit/ECB in 31-bit mode
C262002C	6F2C	ECB/exit not on halfword boundary
C262002D	6F2D	ECB not on fullword boundary
C262002E	6F2E	Function table entry invalid for ADBUF
C262002F	6F2F	Function table entry invalid for DABUF
C2620030	6F30	Function table entry invalid for OPBUF
C2620031	6F31	Function not allowed in drain mode
C2620032	6F32	Function not allowed in stop mode
C2620033	6F33	Function not allowed in term mode

C301xxxx (24xx) T01XACPT

Table 5-86 X'C301' Instance Codes

4-byte code	2-byte code	Description
C3010001	2401	Invalid SAW ID
C3010002	2402	Invalid function code
C3010003	2403	Invalid SEPM ID
C3010004	2404	Socket type is not STREAM (invalid socket type)
C3010005	2405	Socket state is not LISTENING (invalid socket state)
C3010007	2407	Call to T01XCREA failed
C3010020	2420	SEPMASEP queue is not empty for non-blocking call
C3010022	2422	SEPMASAW queue is blocked

C302xxxx (25xx) T01XBIND

Table 5-87 X'C302' Instance Codes

4-byte code	2-byte code	Description
C3020004	2504	SEPM state is not ground for stream socket
C3020005	2505	Address family is not AF_INET
C3020006	2506	Call to T01XINTA failed
C3020007	2507	UDPBIND exit failed
C3020008	2508	TCPBIND exit failed

C303xxxx (26xx) T01XCLS1

Table 5-88 X'C303' Instance Codes

4-byte code	2-byte code	Description
C3030007	2607	T01XCLS1
C3030008	2608	T01XCLS1
C3030009	2609	T01XCLS1
C3030010	2610	T01XCLS1
C3030011	2611	GETSHR SAVXLTCH latch call failed
C3030012	2612	FREESHR SAVXLTCH latch call failed

C304xxxx (27xx) T01XCLS2

Table 5-89 X'C304' Instance Codes

4-byte code	2-byte code	Description
C3040001	2701	Invalid SAW option code

C305xxxx (28xx) T01XCONN

Table 5-90 X'C305' Instance Codes

4-byte code	2-byte code	Description
C3050001	2801	Invalid socket type
C3050002	2802	Unable to get SAVXNETL latch
C3050003	2803	Unable to get SAVXNETL latch
C3050009	2809	Unable To free SAVXNETL latch
C305000A	280A	Unable to free SAVXNETL latch
C3050010	2810	Call to T01SUBND failed
C3050030	2830	Address family is not AF_INET for UDP socket
C3050032	2832	Invalid port=0 specified for UDP socket

Table 5-90 X'C305' Instance Codes

4-byte code	2-byte code	Description
C3050033	2833	Invalid host=broadcast specified for UDP socket
C3050034	2834	Remote host name not found for UDP socket
C3050050	2850	Invalid state for stream socket
C3050051	2851	Invalid state for stream socket
C3050052	2852	Invalid state for stream socket
C3050053	2853	Invalid address family for stream socket
C3050054	2854	Specified port=0 is invalid for stream socket
C3050055	2855	Invalid host=broadcast specified for stream socket
C3050056	2856	Host name not found for stream socket
C3050057	2857	Non-blocking i/o specified for connect
C3050058	2858	Not enough storage to allocate SAW

C306xxxx (29xx) T01XUNBN

Table 5-91 X'C306' Instance Codes

4-byte code	2-byte code	
C3060002	2902	Invalid SAW block id
C3060003	2903	Invalid SAW function
C3060004	2904	Get SAVXTLAT latch failed
C3060005	2905	Invalid SEPM address
C3060006	2906	Invalid SEPM block id
C3060007	2907	Free SAVXTLAT latch failed

C307xxxx (2Axx) T01XCREA

Table 5-92 X'C307' Instance Codes

4-byte code	2-byte	Description
C3070015	2A15	Unable to obtain SAW
C3070016	2A17	Unable to obtain ATCB
C3070017	2A17	Unable to locate SPCB

C308xxxx (2Bxx) T01XFREE

Table 5-93 X'C308' Instance Codes

4-byte code	2-byte code	Description
C3080001	2B01	ICVT address invalid
C3080002	2B02	SSIT address invalid
C3080007	2B07	Invalid SEPM block id
C3080008	2B08	Invalid API type
C3080009	2B09	Invalid ASID
C3080010	2B10	Invalid ASCB
C3080011	2B11	Invalid TCB
C3080012	2B12	Allocate latch failed
C3080013	2B13	Invalid ASID
C3080014	2B14	Get SAVXLTCH failed
C3080020	2B20	Unable to obtain SAW

C30Cxxxx (2Dxx) T01XLIST

Table 5-94 X'C30C' Instance Codes

4-byte code	2-byte code	Description
C30C0001	2D01	Invalid socket type
C30C0002	2D02	Invalid socket state

C30Dxxxx (2Exx) T01XOPT1

Table 5-95 X'C30D' Instance Codes

4-byte code	2-byte code	Description
C30D0001	2E01	Invalid SAW block id
C30D0002	2E02	Invalid SAW function code
C30D0003	2E03	Invalid SAW option code
C30D0004	2E04	Invalid option level
C30D0005	2E05	Invalid option level
C30D0006	2E06	Invalid option number
C30D0007	2E07	Option number not supported
C30D0008	2E08	Invalid SAWODATL
C30D0009	2E09	Invalid SAWODATL
C30D0010	2E10	Invalid SAWODATL
C30D0011	2E11	Invalid SAWODATL
C30D0012	2E12	Invalid SAWODATL

Table 5-95 X'C30D' Instance Codes (Continued)

4-byte code	2-byte code	Description
C30D0013	2E13	Invalid SAWODATA
C30D0014	2E14	Invalid SAWODATA
C30D0015	2E15	Invalid SAWODATA
C30D0016	2E16	Invalid socket type
C30D0017	2E17	Invalid protocol for SO_SNDLOWAT, must be TCP
C30D0018	2E18	Invalid protocol for SO_RCVLOWAT, must be TCP
C30D0019	2E19	Invalid SAWODATA address
C30D0020	2E20	Send low water mark > maximum size
C30D0021	2E21	Recv low water mark > maximum size
C30D0022	2E22	Invalid MVS release level
C30D0023	2E23	Invalid MVS release level
C30D0024	2E24	Can't find interface number
C30D0025	2E25	Metric is too big for RIP
C30D0026	2E26	No LNI is up on this interface
C30D0027	2E27	Invalid SAWIOCMD option
C30D0028	2E28	Invalid protocol for TCP_KEEPAIVE, must be TCP
C30D0029	2E29	Invalid protocol for CHECKSUM option, must be UDP
C30D0030	2E30	Invalid protocol for NODELAY option, must be TCP
C30D0031	2E31	Invalid protocol for HDRINCL option, must be RAW
C30D0032	2E32	Invalid protocol for MAXSEG option, must be TCP
C30D0033	2E33	Metric too big for RIP
C30D0034	2E34	Not enough storage to hold all route table entries
C30D0035	2E35	Invalid option value
C30D0036	2E36	SO_RCVBUF < low water mark
C30D0037	2E37	SO_RCVBUF > maximum size
C30D0038	2E38	TLI_MAXLSEND value is invalid
C30D0039	2E39	TLI_MAXLSEND value < SEPMSLWM
C30D0040	2E40	TLI_MAXLSEND value > XXXXMLS
C30D0041	2E41	TLI_MAXLRECV value is invalid
C30D0042	2E42	TLI_MAXLRECV value < SEPMLWM
C30D0043	2E43	TLI_MAXLRECV value > XXXXMLR
C30D0044	2E44	TLI_MAXQSEND value is invalid
C30D0045	2E45	TLI_MAXQSEND value < SEPMSLWM
C30D0046	2E46	TLI_MAXQSEND value > XXXXMQS
C30D0047	2E47	TLI_MAXQRECV value is invalid
C30D0048	2E48	TLI_MAXQRECV value < SEPMLWM
C30D0049	2E49	TLI_MAXQRECV value > XXXXMQR

C30Exxxx (2Fxx) T01XPEER

Table 5-96 X'C30E' Instance Codes

4-byte code	2-byte code	Description
C30E0001	2F01	Invalid SAW block id
C30E0002	2F02	Invalid SEPM block id
C30E0003	2F03	Invalid SAW function code
C30E0004	2F04	Invalid socket state
C30E0005	2F05	Call to T01XINTA failed

C311xxxx (31xx) T01XREAD

Table 5-97 X'C311' Instance Codes

4-byte code	2-byte code	Description
C3110001	3101	Invalid SAW function specified
C3110002	3102	Full block receive exceeds window size
C3110003	3103	Invalid stream socket state
C3110004	3104	Connection reset by peer
C3110005	3105	Connection reset
C3110006	3106	Socket already has uncompleted RECV request (will block)
C3110007	3107	Out of band data not in storage
C3110008	3108	Position not at out of band mark
C3110009	3109	No data or less data than low water mark level
C3110010	3110	Invalid datagram socket state
C3110011	3111	UDP socket requested OOB data (invalid)
C3110012	3112	Non blocking specified, but requests will block
C3110013	3113	No data at end point

C312xxx T01XOPT2

Table 5-98 X'C312' Instance Codes

4-byte code	Description
C3120001	SAWFUNC is not XOPTION2
C3120002	SAWOPT is not IOCTL or SETSOCKOPT
C3120003	setsockopt level is invalid
C3120004	Option id is invalid
C3120005	Option length is invalid
C3120006	IP_OPTIONS length exceeds 44
C3120007	IP options lengths exceed total
C3120008	IOCTL bad length

Table 5-98 X'C312' Instance Codes (Continued)

4-byte code	Description
C312000C	SO_DONTROUTE and streams socket
C312000D	IP_TOS value too big
C312000E	SO_BROADCAST and streams socket
C312000F	TCP_NODELAY not streams socket
C3120010	TCP_MAXSEG not streams socket
C3120011	TCP_KEEPALIVE not streams socket
C3120012	UDP_CHECKSUM not datagram socket
C3120013	IP_HDRINCL not raw IP socket
C3120015	TCP_MAXSEG value too big
C3120016	TCP_KEEPALIVE value too big
C3120017	IP_TTL value too big
C3120018	TCP_KEEPALIVE not streams socket
C3120019	IOCTL invalid option
C312001B	TCP_MAXSEG invalid value
C312001C	TCP_KEEPALIVE value is negative
C312001E	IOCTL no MBUF
C312001F	IOCTL can't find interface number
C3120020	IOCTL add route error
C3120021	IOCTL delete route not found
C3120022	IOCTL delete route error
C3120023	IP timestamp option invalid pointer
C3120024	IP timestamp option length exceeds pointer
C3120025	IP timestamp option length not multiple of four
C3120026	IP timestamp option length not multiple of eight
C3120027	IP source route option invalid pointer
C3120028	IP source route option length too short
C3120029	IP source route option length-3 not multiple of four
C312002A	IP_OPTIONS length too long
C312002B	IOCTL add route already exists

C315xxxx (33xx) T01XSHT1

Table 5-99 X'C315' Instance Codes

4-byte code	2-byte code	Description
C3150001	3301	Invalid SAW function specified
C3150002	3302	SHUT2 ENQ failed, queue is blocked
C3150003	3303	Invalid shutdown option specified
C3150004	3304	Invalid socket state for shutdown 'how'=RCV

Table 5-99 X'C315' Instance Codes (Continued)

4-byte code	2-byte code	Description
C3150005	3305	Invalid socket state for shutdown 'how'=SEND
C3150006	3306	Abortive shutdown by T01XSHT1

C316xxxx (34xx) T01XSHT2

Table 5-100 X'C316' Instance Codes

4-byte code	2-byte code	Description
C3160001	3401	Set timer function failed

C317xxxx (35xx) T01XSND1

Table 5-101 X'C317' Instance Codes

4-byte code	2-byte code	Description
C3170001	3501	Invalid SAW function code
C3170003	3503	Don't route data invalid for stream socket
C3170004	3504	Receiving only invalid for stream socket
C3170005	3505	Invalid socket state
C3170006	3506	Socket is in reset or disconnect
C3170007	3507	SEPM is invalidated by TCP
C3170009	3509	Can't block for non blocking request (TCP)
C3170010	3510	Can't block for non blocking request (UDP)
C3170011	3511	Can't block for non blocking request, small buffer(UDP)
C3170012	3512	Can't block for non blocking request, small buffer(UDP)
C3170013	3513	Out of band data invalid for UDP/RAW socket
C3170014	3514	Host address is not provided in SAW (UDP)
C3170015	3515	UDP/RAW socket did not specified port number
C3170016	3516	UDP socket specified SADDR when already connected
C3170017	3517	Data length exceeds maximum packet size
C3170020	3520	Data length exceeds maximum
C3170021	3521	Socket is being shut down
C3170022	3522	Allocate SAW failed
C3170023	3523	Failed to obtain local port and bind it with UDP

C318xxxx (36xx) T01XSND2

Table 5-102 X'C318' Instance Codes

4-byte code	2-byte code	Description
C3180002	3602	Invalid SEPM state
C3180003	3603	SEPM is invalidated by TCP
C3180004	3604	No mbufs provided
C3180005	3605	SEPM is being shut down

C404xxxx (3Bxx) T01ASWDN

Table 5-103 X'C404' Instance Codes

4-byte code	2-byte code	Description
C4040001	3B01	Send mbuf failed

C4FFxxxx (37xx) T01ASFRR

Table 5-104 X'C4FF' Instance Codes

4-byte code	2-byte code	Description
C4FF0001	3701	Function abnormally terminated

C502xxxx T01ESCF

Table 5-105 X'C502' Instance Codes

4-byte code	Description
C5020001	Socket in FAILED state

C506xxxx T01ESDI

Table 5-106 X'C506' Instance Codes

4-byte code	Description
C5060001	SEND and RECEIVE queue empty, no data pending
C5060002	SAW indicated it was in WAIT state

C508xxxx T01ESTP

Table 5-107 X'C508' Instance Codes

4-byte code	Description
C5080001	Shutdown detected

C512xxxx T01EUCF

Table 5-108 X'C512' Instance Codes

4-byte code	Description
C5120001	Socket in FAILED state

C516xxxx T01EUDI

Table 5-109 X'C516' Instance Codes

4-byte code	Description
C5160001	SEND and RECEIVE queue empty
C5160002	O/E disconnect received

C518xxxx T01EUTP

Table 5-110 X'C518' Instance Codes

4-byte	Description
C5180001	Shutdown detected

C526xxxx (43xx) T01ETDI

Table 5-111 X'C526' Instance Codes

4-byte code	2-byte code	Description
C5260001	4301	Disconnect received; no send/receive pending
C5260002	4302	Disconnect received; send/receive cancelled
C5260003	4303	Disconnect received; pending select cancelled

C528xxxx (45xx) T01ETTP

Table 5-112 X'C528' Instance Codes

4-byte code	2-byte code	Description
C5280000	4500	TPEND for pending accept
C5280001	4501	TPEND for CLOSE PASS/OPEN OLD
C5280004	4504	System is stopping
C5280008	4508	System is terminating

C602xxxx T01SMOVE

Table 5-113 X'C602' Instance Codes

4-byte code	Description
C6020001	No SAW control block provided
C6020002	Invalid SAW control block
C6020003	Not Send/Recv type function
C6020004	No MBUF control block provided
C6020005	Recv buffer is store protected
C6020006	Recv buffer is unavailable
C6020007	Send buffer is fetch protected
C6020008	Send buffer is unavailable
C6020009	Indirect MBUF not allowed for Send
C60200FF	ABEND during data movement

C704xxxx T01AMIUC

Table 5-114 X'C704' Instance Codes

4-byte code	Description
C7040100	IUCV Declare Buffer failed
C7040200	IUCV Callback function failed
C7040300	IUCV Retrieve Buffer failed
C7040400	IUCV Callback function failed

C805xxxx T01XTTCP

Table 5-115 X'C805' Instance Codes

4-byte code	Description
C8050001	TCP address space has been shut down with a P CLEAR.

C901xxxx T01SIMUX

Table 5-116 X'C901' Instance Codes

4-byte code	Description
C9010001	IP header length exceeds datagram length
C9010002	IP checksum validation failed
C9010003	IP Host unreachable
C9010004	IP protocol not supported
C9010005	UDP port not found
C9010006	TCP session not found
C9010007	IP bad source route option
C9010008	IP header too small
C901000A	IP no MBUFs
C901000B	IP reassembly length error (>64K)
C901000C	IP logic error in reassembly
C901000D	IP logic error in MBUF extent list
C901000E	IP broadcast message not ours
C901000F	IP version is not 4
C9010011	MBUF emptied by trimming
C9010012	SEPM queue is blocked

C909xxx T01SISND

Table 5-117 X'C909' Instance Codes

4-byte code	Description
C9090000	IP Normal discard of original broadcast datagram
C9090001	IP No available LNI could be found
C9090002	IP MBUF does not contain LNI segment
C9090003	IP header will not fit in MBUF
C9090004	IP option with length zero
C9090005	IP options will not fit in MBUF
C9090006	IP options will not fit in MBUF
C9090007	IP bad source route list
C9090008	IP header and options will not fit in MBUF
C9090009	IP option with length zero
C909000A	IP no MBUFs
C909000B	IP broadcast request but SO_BROADCAST not set

C920xxx T01SUBN

Table 5-118 X'C920' Instance Codes

4-byte code	Description
C9200001	Ilatch get call failed
C9200002	Ilatch free call failed

C921xxx T01SUIN

Table 5-119 X'C921' Instance Code

4-byte code	Description
C9210001	UDP datagram host/port does not match SEPM
C9210002	Ilatch get call failed
C9210003	UDP datagram length error
C9210004	UDP datagram checksum error
C9210005	UDP datagram receive rejected by user exit
C9210006	UDP error from T01ASCON
C9210007	UDP receive SEPM queue blocked

C922xxx T01SUSND

Table 5-120 X"C922' Instance Codes

4-byte code	Description
C9220003	UDP failed to get route
C9220004	UDP no MBUFs
C9220007	UDP header does not fit in MBUF
C9220008	UDP datagram send rejected by user exit

C923xxxx T01SUUNB

Table 5-121 X'C923' Instance Codes

4-byte code	Description
C9230001	Ilatch get call failed
C9230002	Ilatch free call failed

C930xxxx T01SRBND

Table 5-122 X'C930' Instance Codes

4-byte code	Description
C9300001	Ilatch get call failed
C9300002	Ilatch free call failed
C9300003	RAW bind rejected by user exit

C931xxx T01SRIN

Table 5-123 X'C931' Instance Codes

4-byte	Description
C9310001	Ilatch get call failed
C9310002	Ilatch free call failed
C9310003	RAW datagram rejected by user exit

C932xxxx (5Bxx) T01SRSND

Table 5-124 X'C932' Instance Codes

4-byte code	2-byte code	Description
C9320003	5B03	Host unreachable -- route failed.
C9320004	5B04	Resource failure -- could not obtain an MBUF.
C9320007	5B07	Request failed by user send exit.

C933xxxx (5Cxx) T01SRUNB

Table 5-125 X'C933' Instance Codes

4-byte code	2-byte code	Description
C9330001	5C01	ILATCH GET failed.
C9330002	5C02	ILATCH FREE failed.
C9330003	5C03	SEPM not in transport provider table. (note: dead code)

C940xxxx (5Dxx) T01STCLO

Table 5-126 X'C940' Instance Codes

4-byte code	2-byte code	Description
C9400003	5D03	ILATCH GET failed for TCP Table Latch SAVXTLAT.
C9400004	5D04	ILATCH GET failed for SEPM latch.
C9400005	5D05	ILATCH FREE failed for TCP Table Latch SAVXTLAT.
C9400006	5D06	ILATCH FREE failed for SEPM latch.
C9400007	5D07	ILATCH DEALLOC failed for SEPM latch.
C9400008	5D08	Trace point for endpoint destroy.

C941xxxx (5Exx) T01STCON

Table 5-127 X"C941' Instance Codes

4-byte code	2-byte code	Description
C9410001	5E01	Wrong state for Connect.
C9410002	5E02	Unable to assign an interface based on local address.
C9410003	5E03	Unable to assign an interface based on local address.
C9410004	5E04	Address combination in use, EADDRINUSE.
C9410005	5E05	Unable to route.
C9410006	5E06	Error return code from Itime service.
C9410007	5E07	ILATCH GET failed for TCP Table Latch SAVXTLAT.
C9410008	5E08	Error return code from Itime service.
C9410009	5E09	ILATCH FREE failed for TCP Table Latch SAVXTLAT.
C941000A	5E0A	Trace point for user connect() call. (TCONNECT)
C941000B	5E0B	Trace point for state change.

C942xxxx (5Fxx) T01STFIN

Table 5-128 X"C942' Instance Codes

4-byte code	2-byte code	Description
C9420001	5F01	Trace point for user shutdown() request. (TRELEASE)
C9420002	5F02	Trace point for state change.

C943xxxx (60xx) T01STIMU

Table 5-129 X''C943' Instance Codes

4-byte code	2-byte code	Description
C9430001	6001	Error return code from Itime service.
C9430002	6002	Trace point for timer update.

C944xxxx (61xx) T01STIN

Table 5-130 X''C944' Instance Codes

4-byte code	2-byte code	Description
C9440001	6101	Error return code from Itime service.
C9440002	6102	ILATCH GET failed for SEPM latch.
C9440003	6103	ILATCH GET failed for SEPM latch.
C9440005	6105	ILATCH GET failed for TCP Table Latch SAVXTLAT.
C9440006	6106	ILATCH FREE failed for TCP Table Latch SAVXTLAT.
C9440007	6107	ILATCH FREE failed for TCP Table Latch SAVXTLAT.
C9440008	6108	ILATCH GETSHR failed for TCP Table Latch SAVXTLAT.
C9450009	6109	ILATCH FREESHAR failed for TCP Table Latch SAVXTLAT.
C945000B	610B	ILATCH FREE failed for SEPM latch.
C945000C	610C	ILATCH FREE failed for SEPM latch.
C9450014	6114	Trace point for Input.
C9450015	6115	Trace point for Input.
C9450016	6116	Trace point for Input.
C9450017	6117	Trace point for state change.

C945xxxx (62xx) T01STLIS

Table 5-131 X''C945' Instance Codes

4-byte code	2-byte code	Description
C9450001	6201	Wrong state for Listen.
C9450002	6202	Address combination in use, EADDRINUSE.
C9450003	6203	ILATCH GET failed for TCP Table Latch SAVXTLAT.
C9450004	6204	ILATCH FREE failed for TCP Table Latch SAVXTLAT.
C9450005	6205	Trace point for listen() call. (TLISTEN)
C9450006	6206	Trace point for state change.

C946xxxx (63xx) T01STREA

Table 5-132 X"946" Instance Codes

4-byte code	2-byte code	Description
C9460001	6301	Duplicate data discarded.
C9460002	6302	Duplicate data discarded.
C9460003	6303	Endpoint can't receive more.
C9460004	6304	Trimmed TCP header.
C9460005	6305	Trace point for TCP reassembly.

C947xxxx (64xx) T01STRST

Table 5-133 X"947" Instance Codes

4-byte code	2-byte code	Description
C9470001	6401	Unable to route.
C9470002	6402	Unable to get an MBUF. (Storage shortage)
C9470003	6403	Trace point for output.

C948xxxx (65xx) T01STSND

Table 5-134 X"948" Instance Codes

4-byte code	2-byte code	Description
C9480001	6501	Send called without an MBUF. (Logic error)
C9480002	6502	Unable to route.
C9480003	6503	Half-open connection and unable to route. (May be SYN flood attack)
C9480004	6504	Error return code from Itime service.
C9480007	6507	Trace point for output.

C94Cxxxx (69xx) T01STTMK

Table 5-135 X'C94C' Instance Codes

4-byte code	2-byte code	Description
C94C0001	6901	TCP Keepalives exceeded.
C94C0002	6902	Trace point for Keepalive timer.
C94C0003	6903	Trace point for Keepalive output.
C94C0004	6904	Trace point for state change.
C94C0005	6905	Trace point for state change.
C94C0006	6906	Keepalive expired and network unreachable.

Table 5-135 X'C94C' Instance Codes (Continued)

4-byte code	2-byte code	Description
C94C0007	6907	Keepalive expired and host unreachable.
C94C0008	6908	Keepalive expired and protocol unreachable.
C94C0009	6909	Keepalive expired and port unreachable.
C94C000A	690A	Keepalive expired and can't fragment.
C94C000B	690B	Keepalive expired and source route failed.

C94Dxxxx (6Axx) T01STTML

Table 5-136 X'C94D' Instance Codes

4-byte code	2-byte code	Description
C94D0001	6A01	TCP Linger timer expired.
C94D0002	6A02	Trace point for TCP Linger timer.
C94D0003	6A03	Trace point for state change.
C94D0004	6A04	Linger expired and network unreachable.
C94D0005	6A05	Linger expired and host unreachable.
C94D0006	6A06	Linger expired and protocol unreachable.
C94D0007	6A07	Linger expired and port unreachable.
C94D0008	6A08	Linger expired and can't fragment.
C94D0009	6A09	Linger expired and source route failed.

C94Exxxx (6Bxx) T01STTMP

Table 5-137 X'C94E' Instance Codes

4-byte code	2-byte code	Description
C94E0002	6B02	Trace point for TCP Persist timer.

C94Fxxxx (6Cxx) T01STTMR

Table 5-138 X'C94F' Instance Codes

4-byte code	2-byte code	Description
C94F0001	6C01	TCP Retransmits exceeded.
C94F0002	6C02	Trace point for TCP Retransmit timer.
C94F0003	6C03	Trace point for state change.
C94F0004	6C04	Trace point for state change.
C94F0005	6C05	Retransmits exceeded and network unreachable.
C94F0006	6C06	Retransmits exceeded and host unreachable.
C94F0007	6C07	Retransmits exceeded and protocol unreachable.

Table 5-138 X'C94F' Instance Codes (Continued)

4-byte code	2-byte code	Description
C94F0008	6C08	Retransmits exceeded and port unreachable.
C94F0009	6C09	Retransmits exceeded and can't fragment.
C94F000A	6C0A	Retransmits exceeded and source route failed.

C950xxxx (6Dxx) T01STTMT

Table 5-139 X'C950' Instance Codes

4-byte code	2-byte code	Description
C9500001	6D01	TCP TimeWait state expired.
C9500002	6D02	Trace point for TCP TimeWait timer.
C9500003	6D03	Trace point for state change.
C9500004	6D04	TimeWait expired and network unreachable.
C9500005	6D05	TimeWait expired and host unreachable.
C9500006	6D06	TimeWait expired and protocol unreachable.
C9500007	6D07	TimeWait expired and port unreachable.
C9500008	6D08	TimeWait expired and can't fragment.
C9500009	6D09	TimeWait expired and source route failed.

C951xxxx (6Exx) T01STUNB

Table 5-140 X'C951' Instance Codes

4-byte code	2-byte code	Description
C9510003	6E03	ILATCH GET failed for TCP Table Latch SAVXTLAT.
C9510004	6E04	ILATCH FREE failed for TCP Table Latch SAVXTLAT.

Ilatch Errors

For errors encountered during execution of the ILATCH program, an SVCDUMP is generated. Return codes are as follows:

Table 5-141 ILATCH Errors

GET failure		FREE failure	
x'04'	latch already held.	x'04'	latch not held.
x'08'	logic error.	x'08'	logic error.
x'0C'	bad parameter.	x'0C'	bad parameter.
x'10'	user held local.		

DGMAKE/AHAP Log Errors

Table 5-142 DGMAKE/AHAP Log Errors

Code	Description
x'04'	Invalid PID.
x'08'	Protocol is inactive/stopping.
x'0C'	Memory shortage.
x'10'	Invalid PTA address or bad ssb length.
x'14'	Invalid gateway address, or lack of resources.
x'18'	Memory shortage (AHAP get).
x'1C'	Protocol Module Failed.
x'20'	Gethost call failed with bad IP address.
x'24'	Gethost failed with gateway, 0 = network.
x'28'	Gethost failed with gateway, 0 = any network.
x'2C'	Gethost call failed with undefined gateway.
x'30'	Gethost failed with undefined gateway on network.
x'34'	Should not occur.
x'38'	Gethost call failed with insufficient memory.
x'3C	Address in use (AHAP Log only).

Security Access Errors

Security Access errors are interpreted as having the last two bytes of the security return code converted to binary; these last two bytes are then interpreted from high to low order as follows:

A BBBB CCCC DDDD

A High order bit on indicates security access error.

BBBBB SAF service call return code.

CCCCC security return code.

DDDDD security reason code.

For example, if the return code is C203A104, use the following formula to convert the value of A104 to binary:

A104 = 1010 0001 0000 0100

Then use 5 bits to determine the error code:

1 0100 0100 00100
rc=8 rc=8 rsn=4

Return codes from SAF service calls are documented in the IBM reference RACF Callable Services. GC23-3737-01.

Read your system security software documentation for specific security return code descriptions, if you are using a security package other than RACF.

