



**Hitachi Freedom Storage™
Lightning 9900™ V Series
Remote Console Error Codes**

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Document Revision Level

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MK-92RD132-P	April 2002	Preliminary Release
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Source Documents for this Revision

- Ecd45d0a.doc (RSD source document)

Changes in this Revision

- Added description of Remote Console messages (new section 1.1).
- Added severity level **N** and failure level **7** (section 1.2).
- Added error codes: 0001 5075, 0001 5508, 0001 5509, 0002 5510, 0003 2085-2094, 0405 5013, 1110 9080, 3010 9019, 5310 1110.
- Revised message text and recommended action for error codes: 0002 2016, 0003 2085-2094, 0110 5085, 1110 1110.

Referenced Documents

- *Hitachi Lightning 9900™ V Series User and Reference Guide, MK-92RD100*
- *Hitachi Lightning 9900™ V Series Hitachi Remote Console - Storage Navigator User's Guide, MK-92RD101*

Preface

This document presents a list of the error codes and error messages for the Lightning 9900™ V Series Remote Console and provides recommended action for each error condition. This document assumes that:

- the user has a background in data processing and understands direct-access storage device (DASD) subsystems and their basic functions, and
- the user is familiar with the Hitachi Freedom Storage™ Lightning 9900™ V Series array subsystem, and
- the user is familiar with the Hitachi Remote Console - Storage Navigator software for the Lightning 9900™ V Series subsystem.

For further information on the Lightning 9900™ V Series subsystem, please refer to the *Hitachi Lightning 9900™ V Series User and Reference Guide* (MK-92RD100), or contact your Hitachi Data Systems account team.

For further information on the Hitachi Remote Console - Storage Navigator software, please refer to the *Hitachi Lightning 9900™ V Series Hitachi Remote Console - Storage Navigator User's Guide* (MK-92RD101).

Note: In this document the term "9900V" refers to the entire Hitachi Lightning 9900™ V Series subsystem family, unless otherwise noted.

Note: The use of the Lightning 9900™ V Series subsystem, Hitachi Remote Console - Storage Navigator software, and all other Hitachi Data Systems products is governed by the terms of your license agreement(s) with Hitachi Data Systems.

Microcode Level

This document revision applies to 9900V microcode versions 21-01-xx and higher.

COMMENTS

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Thank you!

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Chapter 1 Remote Console Messages and Error Codes

1.1 Remote Console Messages

Figure 1.1 shows a typical message panel displayed by the Hitachi Lightning 9900™ V Series Remote Console - Storage Navigator software.

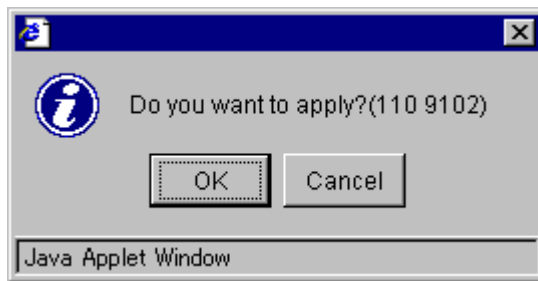






Figure 1.1 Sample Error Message

All 9900V message panels display the following information:

- **Message level:**
 -  Information
 -  Warning
 -  Fatal error
 -  The server is unable to accept the request from the Remote Console.
One possible cause is that some processing is in progress at the server. This message does not indicate an error.
- **Message text:** Descriptive text, may include variables %s (character string) and %d (numeral). The values of these variables are determined when processing is performed.
- **Part code:** The ID of the application that issued the message. In Figure 1.1 the part code is 110.
- **Message number:** decimal number within the range of 0000 to 9999. In Figure 1.1 the message number is 9102.

1.2 Error Codes

Table 1.1 lists the error codes and error messages for the Lightning 9900™ V Series Remote Console and provides recommended action for the error conditions. Table 1.1 also provides the severity level and failure level of each error condition.

Severity Levels. The severity levels for the 9900V error codes are:

- **I:** Information
- **E:** Error
- **W:** Warning
- **N:** The server is unable to accept the request from the Remote Console. One possible cause is that some processing is in progress at the server. This message does not indicate an error.

Failure Levels. The failure levels for the 9900V error codes are:

- **0:** No Error
- **1:** Select MSG OK to end forcibly
- **2:** Exit is valid only
- **3:** Refresh/Exit is valid only
- **4:** To make refresh possible
- **5:** No status change
- **6:** No change with refreshing automatically
- **7:** Remote Console will automatically be switched to view mode. If necessary, you must change the mode to modify mode.

Table 1.1 Error Codes

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0001	1000	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the service personnel.	E	2
0001	1001	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the service personnel.	E	2
0001	1002	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the service personnel.	E	2
0001	1003	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the service personnel.	E	2
0001	1004	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the service personnel.	E	2
0001	2000	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the service personnel.	E	2
0001	2001	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the service personnel.	E	2
0001	2002	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the service personnel.	E	2

0001	2005	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0001	3000	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0001	3001	An error occurred. If this problem persists, please call the Support Center.	Reduce the set processing number and retry.	E	2
0001	3002	An error occurred. If this problem persists, please call the Support Center.	Reduce the number of the characters set.	E	2
0001	4001	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	3
0001	4003	An error occurred. If this problem persists, please call the Support Center.	Input the correct user name and log in again.	E	2
0001	4004	An error occurred. If this problem persists, please call the Support Center.	Input the correct password and log in again.	E	2
0001	4005	The user ID is already logged in. Do you want to log in forcibly?	Since the same user name is being used, log in with the other user name.	W	5
0001	4006	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0001	4007	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0001	4008	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0001	4009	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0001	4010	An error occurred. If this problem persists, please call the Support Center.	The error occurs only in the internal process.	E	2
0001	4011	An error occurred. If this problem persists, please call the Support Center.	Log in again.	E	2
0001	4012	The number of connections set exceeds the maximum(32).	The number of the users is the maximum. Wait for a while and retry.	E	2
0001	4013	The server configuration is invalid. Please call the Support Center.	Failed to access the Config file. Call the service personnel.	E	2
0001	4020	Network error detected; exclusive lock is released.	Lock is removed. Lock again.	E	2
0001	5075	This key code is invalid.	Please input the correct key code.	W	5
0001	5132	You cannot log on because the specified user ID is already being logged on, or because the termination process in the previous logon was not performed properly.	Log on with other user's ID. There is a possibility that the termination process in the previous logon was invalid. (Terminated by pressing the end button of the browser.) After RMI Time-out (default 1 min.), log on again.	E	1
0001	5508	An administrator is changing a system environment file. Please log on again after waiting for a while.	Please log on again after waiting for a while.	E	1
0001	5509	Modify mode was canceled forcibly.	If you want to make settings, please change to Modify mode.	W	7
0001	7050	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2

0002	2001	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the service personnel.	E	2
0002	2002	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the service personnel.	E	2
0002	2003	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the service personnel.	E	2
0002	2004	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the service personnel.	E	2
0002	2005	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0002	2006	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0002	2006	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0002	2007	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the service personnel.	E	2
0002	2008	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the service personnel.	E	3
0002	2009	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0002	2010	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0002	2011	The server configuration is invalid. Please call the Support Center.	Call the service personnel.	E	2
0002	2012	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0002	2013	An error occurred. If this problem persists, please call the Support Center.	The volume which links as an expanded LU extend over CU#. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0002	2015	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0002	2016	Array is refreshing, or the settings by the user are being registered. Please retry in a while.	Please retry after a while.	N	6
0002	5040	The maximum number which can be processed was exceeded. Please reduce the number of requests and try again.	You cannot specify anymore.	W	6
0002	5130	A sequence error occurred. Please call the developer of the client program.	Connection is terminated from the server due to the network failure etc. Log in again.	E	5
0002	5510	Array is refreshing, or some other user is changing configuration. After you reply to this message, a panel appears which contains only the Refresh button and Exit button. Please select the Refresh button after a while.	Please select the Refresh button after a while.	N	3
0002	6012	An error occurred. If this problem persists, please call the Support Center.	If the same error occurs despite retrying, call the service personnel.	E	2
0002	6022	An error occurred. If this problem persists, please call the Support Center.	If the same error occurs despite retrying, call the service personnel.	E	2

0002	6023	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0002	7030	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0002	7060	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0002	7211	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0002	9000	Another user has lock, please try again later.	Another user is accessing with Modify mode. Wait for while and retry.	E	5
0002	9001	An error occurred. If this problem persists, please call the Support Center.	Modify mode is not preserved. Preserve the Modify mode and execute.	E	2
0002	9999	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0003	1002	The specified volume cannot be set as the Command Device, because the volume is being used as a TrueCopy/ShadowImage volume. Select another volume.	Correct the contents of the command device setting, and request the setting of the configuration information again.	E	6
0003	1003	An error occurred. If this problem persists, please call the Support Center.	The setting of the command device security is requested, or the command device of the target volume is not set. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	1004	An error occurred. If this problem persists, please call the Support Center.	A file access error occurs for the file required by the agent. Contact the Hitachi Data Systems Support Center.	E	2
0003	1005	An error occurred. If this problem persists, please call the Support Center.	A nickname is not specified when the configuration change of LUN-Security is requested. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	1007	Failed to remove the path. The specified path is the last path of TrueCopy/ShadowImage volume.	Correct the contents of LU path setting, and request the setting of the configuration information again.	E	6
0003	1009	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0003	1010	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0003	1011	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0003	1012	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0003	1013	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0003	1015	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0003	1018	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2

0003	1020	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0003	1021	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0003	1022	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0003	1024	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0003	1025	An error occurred. If this problem persists, please call the Support Center.	CHA high-speed mode is specified to unmounted CHA. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	1027	An error occurred. If this problem persists, please call the Support Center.	CHA high-speed mode is specified, but a topology includes what the high-speed mode cannot be set. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	1028	An error occurred. If this problem persists, please call the Support Center.	CHA high-speed mode is specified, Fibre Address of the specified port includes what the high-speed mode cannot be set. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	1029	An error occurred. If this problem persists, please call the Support Center.	Channel speed change is requested, but Fibre PCB does not support it. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	1031	An error occurred. If this problem persists, please call the Support Center.	Command device setting is requested for Reserve volume of CruiseControl/On-Demand volume. Or it is requested for volumes other than open volumes (including un-installed volumes). The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	1033	An error occurred. If this problem persists, please call the Support Center.	CU, which is specified during Virtual LVI/LUN operation (Install CV) cannot be set. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	1034	An error occurred. If this problem persists, please call the Support Center.	Virtual LVI/LUN operation is requested for un-installed volumed. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	1035	An error occurred. If this problem persists, please call the Support Center.	FlashAccess pre-staging command was accepted, but FlashAccess setting is not done. Or FlashAccess setting is done, but pre-staging is not set. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	1036	An error occurred. If this problem persists, please call the Support Center.	Download error occurs. Call the service personnel.	E	2
0003	1037	An error occurred. If this problem persists, please call the Support Center.	Failed to acquire the external function pointer for obtaining race information. Contact the Hitachi Data Systems Support Center.	E	2

0003	1038	An error occurred. If this problem persists, please call the Support Center.	Failed to acquire the external function pointer which is required by the agent. Contact the Hitachi Data Systems Support Center.	E	2
0003	1039	An error occurred. If this problem persists, please call the Support Center.	Failed to connect the communication between DKCs (SVPs). If the same error occurs despite retrying, call the service personnel.	E	2
0003	1040	An error occurred. If this problem persists, please call the Support Center.	Failed to connect the communication between DKCs (SVPs). If the same error occurs despite retrying, call the service personnel.	E	2
0003	1041	An error occurred. If this problem persists, please call the Support Center.	Failed to load files necessary for the execution. (Insufficient memory, or the necessary files do not exist.) If the same error occurs despite retrying, call the service personnel.	E	2
0003	1042	An error occurred. If this problem persists, please call the Support Center.	Failed to read the information on configuration from DKC (SVP). If the same error occurs despite retrying, call the service personnel.	E	2
0003	1043	An error occurred. If this problem persists, please call the Support Center.	Failed to reserve the memory required for the execution. If the same error occurs despite retrying, call the service personnel.	E	2
0003	1044	An error occurred. If this problem persists, please call the Support Center.	Failed to write MIB management information. Contact the Hitachi Data Systems Support Center.	E	2
0003	1045	The specified Subsystem ID already exists. Specify another SSID.	Correct the specified content, and issue the request again.	E	5
0003	1048	An error occurred. If this problem persists, please call the Support Center.	Fibre topology information is invalid. (The specified value is not in the specification.) The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	1049	An error occurred. If this problem persists, please call the Support Center.	Host group number, which is not registered, is specified. (When deleting, or changing) The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	1050	An error occurred. If this problem persists, please call the Support Center.	Host mode is invalid. (The specified value is not in the specification.) The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	1051	An error occurred. If this problem persists, please call the Support Center.	Instruction was given to a logical parity group which is not installed in Virtual LVI/LUN operation. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	1059	An error occurred. If this problem persists, please call the Support Center.	Interface logical error in the agent is detected. Or a non-registered error occurs. Contact the Hitachi Data Systems Support Center.	E	2
0003	1061	An error occurred. If this problem persists, please call the Support Center.	Internal logical error is detected. Contact the Hitachi Data Systems Support Center.	E	2
0003	1062	An error occurred. If this problem persists, please call the Support Center.	Internal logical error is detected. Contact the Hitachi Data Systems Support Center.	E	2
0003	1063	The specified WWN is already in use. Specify another WWN.	Correct the specified contents, and request the setting of the configuration information again.	E	6

0003	1065	The specified Name is already in use.	Correct the specified contents, and request the setting of the configuration information again.	E	6
0003	1066	An error occurred. If this problem persists, please call the Support Center.	Internal logical error is detected. Contact the Hitachi Data Systems Support Center.	E	2
0003	1067	An error occurred. If this problem persists, please call the Support Center.	Internal logical error is detected. Contact the Hitachi Data Systems Support Center.	E	2
0003	1068	An error occurred. If this problem persists, please call the Support Center.	Invalid interface between the functions inside the agent is detected. Contact the Hitachi Data Systems Support Center.	E	2
0003	1074	An error occurred. If this problem persists, please call the Support Center.	Invalid interface between the functions inside the agent is detected. Contact the Hitachi Data Systems Support Center.	E	2
0003	1075	An error occurred. If this problem persists, please call the Support Center.	LU path is set to a volume which links as an expanded LU. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	1101	An error occurred. If this problem persists, please call the Support Center.	LU path is set to the releasing expanded LU. (You need to release the expanded LU and path at the same time.) The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	1102	Volume initialization operation cannot take to the last LDEV of RAID striping group.	Since at least one LDEV is required in the parity group, you cannot de-install anymore.	E	6
0003	1103	An error occurred. If this problem persists, please call the Support Center.	LUN is invalid. (The specified value is not in the specification.) The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	1104	An error occurred. If this problem persists, please call the Support Center.	Port blockade error occurs. Call the service personnel.	E	2
0003	1105	An error occurred. If this problem persists, please call the Support Center.	Port recovery error occurs. Call the service personnel.	E	2
0003	1108	An error occurred. If this problem persists, please call the Support Center.	Reserve volume of CruiseControl or On-Demand volume is included to a volume which links as an expanded LU. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	1111	An error occurred. If this problem persists, please call the Support Center.	Retry the same operation. If the same error occurs despite retrying, call the service personnel.	E	2
0003	1113	The selected CU:LDEV cannot be apply because it is being used by HPAV. Please select another CU:LDEV.	After changing the volume which creates CV in Virtual LVI/LUN operation, retry the Virtual LVI/LUN operation.	E	6
0003	1116	An error occurred. If this problem persists, please call the Support Center.	Retry the same operation. If the same error occurs, call the service personnel.	E	2
0003	1123	An error occurred. If this problem persists, please call the Support Center.	Retry the same operation. If the same error occurs, call the service personnel.	E	2
0003	1124	An error occurred. If this problem persists, please call the Support Center.	Retry the same operation. If the same error occurs, call the service personnel.	E	2
0003	1125	An error occurred. If this problem persists, please call the Support Center.	Retry the same operation. If the same error occurs, call the service personnel.	E	2

0003	1126	The Command Device cannot be set within a LUSE volume. Select another volume.	Correct the specified contents, and request again.	E	5
0003	1127	An error occurred. If this problem persists, please call the Support Center.	Subsystem ID, which is required for Virtual LVI/LUN operation, is not set. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	1128	An error occurred. If this problem persists, please call the Support Center.	SVP and DKC are processing Virtual LVI/LUN. Wait for a while, and request the setting of the configuration information again.	E	2
0003	1129	An error occurred. If this problem persists, please call the Support Center.	SVP or DKC micro program cannot execute the request. (The version cannot execute the request.) If the same error occurs despite retrying, call the service personnel.	E	2
0003	1130	The specified name is the same as the system default name. Please change the name.	Correct the specified contents, and request again.	E	6
0003	1131	An error occurred. If this problem persists, please call the Support Center.	The CU numer specified in Virtual LVI/LUN operation and LDEV number overlap with other volume number. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	1132	An error occurred. If this problem persists, please call the Support Center.	The directory of MIB management information does not exist. Contact the Hitachi Data Systems Support Center.	E	2
0003	1133	An error occurred. If this problem persists, please call the Support Center.	The emulation type is specified incorrectly in Virtual LVI/LUN operation. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	1134	An error occurred. If this problem persists, please call the Support Center.	The emulation type of a volume which links as an expanded LU is not Open volume. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	1135	An error occurred. If this problem persists, please call the Support Center.	The emulation type of a volume which links as an expanded LU is not the same. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	1136	An error occurred. If this problem persists, please call the Support Center.	The instruction of the whole volume in FlashAccess is specified to the mainframe volume. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	1137	An error occurred. If this problem persists, please call the Support Center.	The method of specifying FlashAccess setting place and the volume type do not match. (LBA number is specified to main frame volume. Cylinder number /header number is specified to Open volume.) The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	1201	Invalid components for High Speed mode. The specified port cannot be changed to High Speed mode.	Change the parameter to a path where the high-speed mode can be set, and request again.	E	5
0003	1203	An error occurred. If this problem persists, please call the Support Center.	The number of LDEV ID which can be set in Virtual LVI/LUN operation is exceeded. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2

0003	1204	An error occurred. If this problem persists, please call the Support Center.	The number of volumes which link as expanded LUs is beyond the range. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	1350	Add path to the initiator port failed.	The port you are trying to set is for Fibre TrueCopy. You need to change the attribute when adding a path. Attribute (Target or RCU Target)	E	6
0003	1351	Failed to change to High Speed mode with specified port attribute.	The port you are trying to set is for Fibre TrueCopy. You need to change all the attributes of the port to initiator, when you changing to the high-speed mode.	E	6
0003	1352	Logical paths remain on the Fibre-MCU port. This operation may cause a fatal damage to the logical paths , so stop this operation. If you want to continue this operation, please remove the logical paths from the MCU port at first.	Since the port you are trying to set is for Fibre TrueCopy, you need to delete the logical path, and then set.	E	6
0003	1353	S-VOLs remain on the Fibre-RCU port. This operation may cause a fatal damage to S-VOLs, so stop this operation. If you want to continue this operation, please remove the S-VOLs from the RCU port at first.	Since the port you are trying to set is for Fibre TrueCopy, you need to delete the S-VOL logical path which is set to RCU Target, and then set.	E	6
0003	1354	Failed to add the WWN to the initiator port.	The port you are trying to set is for Fibre TrueCopy. You need to change the attribute when adding a WWN. Attribute (Target or RCU Target)	E	6
0003	1355	Host group to the initiator port cannot be changed.	The port you are trying to set is for Fibre TrueCopy. You need to change the attribute when adding a WWN. Attribute (Target or RCU Target)	E	6
0003	1356	Host group to the initiator port cannot be added.	The port you are trying to set is for Fibre TrueCopy. You need to change the attribute when adding a host group. Attribute (Target or RCU Target)	E	6
0003	1600	This functionality is not available. LUN Management is required.	Install the necessary program product.	E	6
0003	1601	This functionality is not available. Open Volume Management is required.	Install the necessary program product.	E	6
0003	1602	This functionality is not available. Virtual LVI is required.	Install the necessary program product.	E	6
0003	1603	This functionality is not available. FlashAccess is required.	Install the necessary program product.	E	6
0003	1604	This functionality is not available. FlashAccess - S/390® is required.	Install the necessary program product.	E	6
0003	2002	An error occurred. If this problem persists, please call the Support Center.	The setting method of command device/command device security is incorrect. The following settings are invalid. *Set command device+Release command device security *Release command device+Set command device security. It does not occur normally because it is guarded in the screen. Contact the program maker.	E	2

0003	2003	An error occurred. If this problem persists, please call the Support Center.	The size of CV is larger than the possible size. (It is smaller than the minimum size, or is larger than the maximum.) The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	2004	An error occurred. If this problem persists, please call the Support Center.	The specified area in FlashAccess is beyond the volume size. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	2005	An error occurred. If this problem persists, please call the Support Center.	The specified LU path does not exist. (You have specified wrong path control index.) The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	2006	An error occurred. If this problem persists, please call the Support Center.	The specified port does not exist. You have specified a wrong port number. Or the specified port type (exclusively for mainframe) cannot be processed in this agent. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	2009	An error occurred. If this problem persists, please call the Support Center.	The specified value of the command device setting is invalid. (The specified value is not in the specification.) The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	2010	The LDEV is in use by the HOST, or an error occurred in the server procedure.	Check if I/O from the host to target path/volume does not occur.	E	6
0003	2011	You cannot perform processing because a volume pair is being created for remote copy operations, correction copy is in progress, or the LDEV is closed. Release the volume pair or wait for a while and then retry processing. If you still cannot perform processing, please call the technical support center.	Check the DKC status (if it is blocked or not). If the same error occurs again, call the service personnel.	W	6
0003	2012	An error occurred. If this problem persists, please call the Support Center.	The specified volume does not exist, or the delete request was given to a volume where FlashAccess is not specified. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	2013	An error occurred. If this problem persists, please call the Support Center.	The specified volume does not exist. (You have specified wrong CU#:LDEV#) Or the LDEV (exclusively for mainframe) cannot be processed in this agent. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	2014	An error occurred. If this problem persists, please call the Support Center.	There is no capacity left in the logical parity group to create CV. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	2015	An error occurred while connecting to the subsystem. Please retry a little later.	Communication error occurs. If the same error occurs despite retrying, call the service personnel.	E	6
0003	2016	SNMP or SVP has lock, please try again later.	Wait for a while and reissue the request.	E	5
0003	2017	Network error detected; exclusive lock is released.	Request again. (Re-execute exclusive lock start request.)	E	2

0003	2022	An error occurred. If this problem persists, please call the Support Center.	There is no host group where WWN is registered. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	2033	The server is not ready yet, or an internal processing is being executed. Please wait a while, and then click the Refresh button.	Wait for a while, and press the Refresh button.	E	3
0003	2080	Prestaging not completed.	Wait for a while, and press the Refresh button, and then change the same configuration again. Or check the DKC status (if it is not blocked). If the same error occurs, call the service personnel.	E	6
0003	2081	An error occurred during custom volume install/uninstall operation. Please retry.	If the same error occurs, call the service personnel.	E	6
0003	2082	The process can not be performed, because a host is mounted or a cluster configuration is set.	Host is mounted, or cluster configuration is set. Release the status.	E	6
0003	2083	The subsystem status is invalid. Please call the Support Center.	Check the DKC status and the current status of the configuration setting. If necessary, re-execute the setting operation.	E	2
0003	2084	The subsystem status is invalid. Please call the Support Center.	Check the DKC status and the current status of the configuration setting. If necessary, re-execute the setting operation.	E	2
0003	2085	Copying is in progress for Remote Copy/ShadowImage/ShadowImage- S/390(R) pairs. Please wait for a while and then retry.	Please wait for awhile and then retry.	W	6
0003	2086	The configuration of ShadowImage/ShadowImage-S/390(R) is defined. Reset the configuration definition, and then retry the operation.	Reset the configuration definition, and then retry the operation.	W	6
0003	2087	The system is online from the mainframe host. Vary the subsystem offline from the host.	Vary the subsystem offline from the host.	W	6
0003	2088	The Remote Copy pair is suspended. Add an alternative path.	Add an alternative path.	W	6
0003	2089	The corresponding CHA might contain the last path between the MCU and RCU of Remote Copy. Make sure that there is an alternative path from the MCU.	Make sure that there is an alternative path from the MCU.	W	6
0003	2090	The ShadowImage/ShadowImage - S/390(R) settings exist. Either reset the settings or stop the I/Os, and then retry the operation.	Either reset the settings or stop the I/Os, and then retry the operation.	W	6
0003	2091	The backup server of ShadowImage/ShadowImage - S/390(R) is running . Please stop it and then retry.	Please stop the backup server and then retry.	W	6
0003	2092	Some ShadowImage/ShadowImage- S/390(R) pairs exist. Please split them.	Please split the ShadowImage pairs.	W	6
0003	2093	Some ShadowImage/ShadowImage- S/390(R) pairs exist. Please resynchronize them.	Please resynchronize the ShadowImage pairs.	W	6
0003	2094	Some ShadowImage/ShadowImage- S/390(R) pairs exist. Please change the status of their volumes to Simplex.	Please change the status of their volumes to Simplex.	W	6

0003	3000	An error occurred. If this problem persists, please call the Support Center.	When a path is set (add/delete), the maximum value you can set in the PORT is exceeded. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	3001	An error occurred. If this problem persists, please call the Support Center.	When CHA high-speed mode is set, multiple change instructions are set to the same PORT. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	3002	An error occurred. If this problem persists, please call the Support Center.	When Virtual LVI/LUN operation (Volume Initialize) is performed, CV is not set in the target logical parity group. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	3003	An error occurred. If this problem persists, please call the Support Center.	When host group is set (add/change/delete), the maximum value you can set in the PORT is exceeded. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	3004	An error occurred. If this problem persists, please call the Support Center.	When PORT information (Fibre Address/Fibre Topology/Channel Speed) is set, multiple change instructions are set to the same PORT. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	3005	An error occurred. If this problem persists, please call the Support Center.	When WWN is registered in LUN-Security operation, the number of WWNs you can register is exceeded. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	3006	An error occurred. If this problem persists, please call the Support Center.	When WWN is set (add/change), the maximum value you can set in the PORT is exceeded. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0003	3007	An error occurred. If this problem persists, please call the Support Center.	When you perform Virtual LVI/LUN (Volume Initialize), only Deleted Normal Volume information is specified. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0004	2006	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0004	6037	The subsystem status is invalid. Please call the Support Center.	Call the service personnel.	E	2
0004	8010	The subsystem status is invalid. Please call the Support Center.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	2
0005	5099	An error occurred. If this problem persists, please call the Support Center.	You are trying to perform LUN Security operation for non-Fibre port. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
0005	5200	This functionality is not available. SNMP API is required.	Install the program product.	E	6

0005	5201	This functionality is not available. Hitachi Parallel Access Volume is required.	Install the program product. If you want to perform release process, release after the emergency key is installed.	E	6
0005	5202	This functionality is not available. Performance Monitor is required.	Install the program product.	E	6
0005	5203	This functionality is not available. Hitachi CruiseControl is required.	Install the program product.	E	6
0005	5204	This functionality is not available. Priority Access is required.	Install the program product.	E	6
0005	8401	The subsystem status is invalid. Please call the Support Center.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	2
0006	1005	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0006	1006	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0006	1007	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0006	1008	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0006	1009	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the service personnel.	E	2
0006	1010	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0006	4000	The server configuration is invalid. Please call the Support Center.	Call the service personnel.	E	2
0006	4002	The server configuration is invalid. Please call the Support Center.	Register the authentication data. Call the service personnel.	E	2
0007	6012	An error occurred. If this problem persists, please call the Support Center.		E	2
0010	4005	The user ID is already logged in. Do you want to log in forcibly?	Since the same user name is being used, log in with the other user name.	W	5
0010	6026	The client system is illegal environment.		E	2
0010	6027	An error occurred while connecting to the server. Note: This message will not be issued when you attempt to log on.	You cannot connect to the server because of the factors, such as a network error. Check the IP address. If the IP address is correct, close the browser (also close the browser of the storage list), and log in again.	E	2
		A network error occurred, the server is not ready, or an error occurred in the server. Note: This message might be issued when you attempt to log on.	You cannot connect to the server because of the factors, such as a network error. Check the IP address. If the IP address is correct, close the browser (also close the browser of the storage list), and log in again.	E	1
0010	6060	A network error occurred.	Failed to connect from the server due to a network error etc. Check the IP address.	E	2
0010	6070	An error occurred while connecting to the server.	Failed to connect from the server due to a network error etc. Check the IP address.	E	2
0010	7060	An error occurred in the Client logic.	Call the service personnel.	E	2

0010	8101	The system cannot apply the new configuration. Do you want to refresh?	Press the Refresh button, and retry the operation.	W	5
0110	5030	The displayed information has not been changed.	Specify what you register, and retry the operation.	W	0
0110	5081	The evaluation license for this product (%s) will expire in 45days. Purchase required to continue using this product beyond the evaluation license.		I	5
0110	5082	The evaluation license for this product (%s) will expire in 30days. Contact your sales representative to convert to a permanent license and continue use of this product.		I	5
0110	5083	The evaluation license and use of this product (%s) will expire in %d days. You will receive no further warnings. Contact your sales representative to purchase a permanent license.		I	5
0110	5084	The evaluation license for this product (Web Console) is not installed. Please install.	Install Web Console program product.	I	5
0110	5085	The total physical (raw) disk capacity of the array exceeds the installed licensed capacity. Please install additional license key(s) to expand the license capacity of this software title.	Please install additional license key(s) to expand the license capacity of this software title.	I	5
0110	5086	The program product installation status has changed. Try again after exit this program.	Log in again, and retry.	I	2
0110	5088	The maximum permissible capacity of program product became insufficient because of the installation of PDEV.	Install the program product whose permissible capacity is insufficient, and retry.	I	5
0110	6027	A network error occurred, the server is not ready, or an error occurred in the server.	You cannot connect to the server because of the factors, such as a network error. Check the IP address. If the IP address is correct, close the browser (also close the browser of the storage list), and log in again.	E	1
0110	6070	A network error occurred, the server is not ready, or an error occurred in the server.	You cannot connect to the server because of the factors, such as a network error. Check the IP address. If the IP address is correct, close the browser (also close the browser of the storage list), and log in again.	E	1
0110	7060	An error occurred in the Client logic.	Call the service personnel.	E	2
0110	8100	A SIM occurred.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	5
0110	8200	A SIM occurred.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	5
0110	8201	The system detects an error.	Retry the same operation several times. If the same error occurs, call the service personnel.	W	5
0110	9100	Do you want to exit?		I	0
0110	9101	Do you want to cancel?	To cancel, press the OK button.	I	0
0110	9102	Do you want to apply?	To execute the operation in Preset, press the OK button.	I	0
0110	9103	Do you want to change?		I	0

0110	9104	Do you want to change the mode?		l	0
0110	9105	The value has been changed: but the server cannot reflect the value. Do you want to exit?		l	0
0110	9106	The value has been changed: but the server cannot reflect the value. Do you want to change the mode?		l	0
0110	9107	The value has been changed: but the server cannot apply the value. Do you want to continue?		l	0
0190	5001	Enter the nickname.	Input the nickname and retry.		
0190	5002	Enter the product name.	Input the product name and retry.		
0190	5003	Enter the serial number.	Input the serial number and retry.		
0190	5004	Enter a numerical value for the serial number.	Input the serial number with the numerical value and retry.		
0190	5005	Enter the IP address.	Input the IP address and retry.		
0190	5006	Enter numerical values for the IP address.	Input the IP address with the numerical value and retry.		
0190	5007	Enter the location name.	Input the location name and retry.		
0190	5008	You cannot use the following characters: \ " \ , ; : * ? < > /	Remove the invalid characters and retry.		
0190	5009	You cannot use multi-byte characters.	Remove the multi-byte characters and retry.		
0190	5010	This page can be accessed by the administrator only.	None.		
0190	5011	The same nickname is already registered.	Specify other nickname and register again.		
0190	5012	Enter the nickname with up to 16 alphanumeric characters.	Specify the nickname using up to 16 characters and less and retry.		
0190	5013	Enter the product name with up to 16 alphanumeric characters.	Specify the product name using up to 16 characters and less and retry.		
0190	5014	Enter the location name with up to 16 alphanumeric characters.	Specify the location name using up to 16 characters and less and retry.		
0190	5015	Enter the serial no. with a number fewer than 65536.	Specify the serial number with a number 65535 and less, and retry.		
0190	5041	The same serial number is already registered.	Specify other serial number and register again.		
0190	5061	The IP address is already registered.	Specify other IP address and register again.		
0190	5100	The files is compressing now.	After completing FDCOPY which is booted last time, retry the operation.		
0190	5110	Failed to compress the trace files.	If the same error occurs again despite retrying, call the service personnel.		
0190	5200	Security-file for download does not exist.	Call the service personnel.		
0190	5210	The number of storage devices exceeds the maximum.	You cannot register anymore.		
0190	6001	Failed to open the storage list file.	If the same error occurs again despite retrying, call the service personnel.		
0190	6002	Failed to open the storage list file.	If the same error occurs again despite retrying, call the service personnel.		

0190	6003	The storage list file does not exist.	Call the service personnel.		
0190	6004	Failed to open the storage list file.	If the same error occurs again despite retrying, call the service personnel.		
0190	6005	The storage list file does not exist.	Call the service personnel.		
0190	6010	The storage list file does not exist.	Call the service personnel.		
0190	6011	Failed to open the storage list file.	If the same error occurs again despite retrying, call the service personnel.		
0190	6012	The storage list file does not exist.	Call the service personnel.		
0190	6013	Failed to back up the storage list file.	None.		
0190	6014	The user ID or password is invalid.	Specify the correct password.		
0190	6015	A permission error occurred. (Storage List Edit Permission)	If the same error occurs again despite retrying, call the service personnel.		
0190	6016	The storage list was modified by the administrator while you were making settings.	Reboot the process.		
0190	6017	The user account list was modified by the administrator while you were making settings.	Reboot the process.		
0190	6018	A permission error occurred. (Trace File Download Permission)	Reboot the process.		
0190	9000	Are you sure you want to register the storage device entry ?	None.		
0190	9001	Are you sure you want to delete the selected storage device entry ?	None.		
0190	9100	Are you sure you want to compress the trace files ?	None.		
0210	7060	An error occurred in the Client logic.	Call the service personnel.	E	2
0290	5010	Enter the user ID.	Specify the user ID.		
0290	5014	The user ID or password is invalid.	Input the correct user name or password.		
0290	5015	Enter the user ID with up to 16 alphanumeric characters.	You can specify the user ID with up to 16 characters.		
0290	5016	The Password is invalid. Access Denied.	Correct the specified content, and retry.	W	5
0290	5020	The password is invalid.	Input the correct password.		
0290	5021	The password is invalid.	Input the correct password.		
0290	5022	The new password is invalid.	Input the correct password.		
0290	5030	You cannot use the following characters: \ " \ \ , ; : * ? < > /	Remove the invalid characters and retry.		
0290	5040	You cannot use multi-byte characters.	Remove the multi-byte characters and retry.		
0290	5050	The user ID is already registered.	Register the other user ID.		
0290	5060	The number of user accounts exceeds the maximum.	You cannot register anymore.		
0290	5070	The current password is invalid.	Input the password again.		
0290	5080	The password is invalid.	Specify the correct password.		

0290	6010	The user account list was modified by the administrator while you were making settings.	Reopen.		
0290	6020	The user ID was deleted by the administrator.	Terminate the process.		
0290	6030	Failed to open the user account list file.	If the same error occurs again despite retrying, call the service personnel.		
0290	6040	The user account list file does not exist.	Call the service personnel.		
0290	6050	Failed to open the backup file of the user account list.	Call the service personnel.		
0290	6060	Failed to back up the user account list file.	Call the service personnel.		
0290	6070	Failed to restore the user account list file.	Call the service personnel.		
0290	6080	Failed to open the user account list file.	If the same error occurs again despite retrying, call the service personnel.		
0290	6090	Failed to back up the user account list file.	Call the service personnel.		
0290	6100	The password is invalid.	Set the correct password.		
0290	6110	A permission error occurred. (User Account List Edit Permission)	Call the service personnel.		
0290	6120	A permission error occurred. (User Option Panel View Permission)	Call the service personnel.		
0290	6130	Failed to open the user account list file.	Call the service personnel.		
0290	6140	Failed to open the user account list file.	If the same error occurs again despite retrying, call the service personnel.		
0290	6150	Failed to open the user account list file.	If the same error occurs again despite retrying, call the service personnel.		
0290	6160	Failed to open the user account list file.	If the same error occurs again despite retrying, call the service personnel.		
0290	6170	Failed to open the user account list file.	If the same error occurs again despite retrying, call the service personnel.		
0290	6180	Failed to open the user account list file.	If the same error occurs again despite retrying, call the service personnel.		
0290	6190	Failed to open the environment file.	If the same error occurs again despite retrying, call the service personnel.		
0290	6200	Failed to open the environment file.	If the same error occurs again despite retrying, call the service personnel.		
0290	6210	Failed to open the environment file.	If the same error occurs again despite retrying, call the service personnel.		
0290	6220	Failed to back up the environment file.	Call the service personnel.		
0290	6230	Failed to open the user account list file.	Call the service personnel.		
0290	6240	The user account list was modified by the administrator while you were making settings.	Terminate the process and contact the administrator.		
0290	6250	The user account list was modified by the administrator while you were making settings.	Terminate the process and contact the administrator.		
0290	6260	Failed to open the user account list file.	If the same error occurs again despite retrying, call the service personnel.		

0290	6270	Failed to open the environment file.	If the same error occurs again despite retrying, call the service personnel.		
0290	6280	A permission error occurred. (User Account List Edit Permission)	If the same error occurs again despite retrying, call the service personnel.		
0290	6290	Failed to back up the environment file.	Call the service personnel.		
0290	6300	No checkbox is selected.	Select the download file.		
0290	9000	Are you sure you want to register the user entry ?	None.		
0290	9001	Are you sure you want to delete the selected user entry ?	None.		
0290	9002	Are you sure you want to register the parameters ?	None.		
0290	9003	Are you sure you want to change the write permission ?	None.		
0290	9004	Are you sure you want to change the password ?	None.		
0305	6001	An error occurred. If this problem persists, please call the Support Center.	Please reboot Remote Console, and operate again. And yet this message has been displayed, install Remote Console again.	E	2
0305	6012	An error occurred. If this problem persists, please call the Support Center.	Reboot the PC. If the error cannot be recovered, replace the PC.	E	2
0305	6022	An error occurred. If this problem persists, please call the Support Center.	Reboot the PC. If the error cannot be recovered, replace the PC.	E	2
0305	6023	An error occurred. If this problem persists, please call the Support Center.	Reboot the PC. If the error cannot be recovered, replace the PC.	E	2
0305	7060	An error occurred. If this problem persists, please call the Support Center.	(1)Please retry again.(2)Please Reboot PC.	E	2
0305	7102	An error occurred. If this problem persists, please call the Support Center.	Review the configuration information and make the setting again.	E	2
0305	7103	An error occurred. If this problem persists, please call the Support Center.	Please select [OK], and then retry the operation.	E	2
0305	7110	An error occurred. If this problem persists, please call the Support Center.	Collect one-touch dump/FD copy, and call the Hitachi Data Systems Support Center.	E	2
0305	7201	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0305	7202	An error occurred. If this problem persists, please call the Support Center.	(1)Please retry again.(2)Please Reboot PC.	E	2
0305	7203	An error occurred. If this problem persists, please call the Support Center.	Please select [OK], and then confirm the controller list.	E	2
0305	7204	An error occurred. If this problem persists, please call the Support Center.	Isolate problems according to the following procedure: 1. Reboot the PC. 2. Check the LAN card/LAN cable. 3. Check the IP address of the PC. 4. Replace the PC. 5. Power off/ on the DKC. (Care should be taken.) 6. When using Remote Console Server, you should check the connection between CLIENT and SERVER first. Then execute the above 1 to 5.	E	2

0305	7205	An error occurred. If this problem persists, please call the Support Center.	Isolate problems according to the following procedure: 1. Reboot the PC. 2. Check the LAN card/LAN cable. 3. Check the IP address of the PC. 4. Replace the PC. 5. Power off/ on the DKC. (Care should be taken.) 6. When using Remote Console Server, you should check the connection between CLIENT and SERVER first. Then execute the above 1 to 5.	E	2
0305	7206	An error occurred. If this problem persists, please call the Support Center.	Isolate problems according to the following procedure: 1. Reboot the PC. 2. Check the LAN card/LAN cable. 3. Check the IP address of the PC. 4. Replace the PC. 5. Power off/ on the DKC. (Care should be taken.) 6. When using Remote Console Server, you should check the connection between CLIENT and SERVER first. Then execute the above 1 to 5.	E	2
0305	7207	An error occurred. If this problem persists, please call the Support Center.	Isolate problems according to the following procedure: 1. Reboot the PC. 2. Check the LAN card/LAN cable. 3. Check the IP address of the PC. 4. Replace the PC. 5. Power off/ on the DKC. (Care should be taken.) 6. When using Remote Console Server, you should check the connection between CLIENT and SERVER first. Then execute the above 1 to 5.	E	2
0305	7208	An error occurred. If this problem persists, please call the Support Center.	Isolate problems according to the following procedure: 1. Reboot the PC. 2. Check the LAN card/LAN cable. 3. Check the IP address of the PC. 4. Replace the PC. 5. Power off/ on the DKC. (Care should be taken.) 6. When using Remote Console Server, you should check the connection between CLIENT and SERVER first. Then execute the above 1 to 5.	E	2
0305	7209	An error occurred. If this problem persists, please call the Support Center.	Isolate problems according to the following procedure: 1. Reboot the PC. 2. Check the LAN card/LAN cable. 3. Check the IP address of the PC. 4. Replace the PC. 5. Power off/ on the DKC. (Care should be taken.) 6. When using Remote Console Server, you should check the connection between CLIENT and SERVER first. Then execute the above 1 to 5.	E	2

0305	7210	An error occurred. If this problem persists, please call the Support Center.	Please select [OK], and then confirm the controller list.	E	2
0310	5010	Input format of IP Address is invalid (xxx.xxx.xxx.xxx(xxx should be from 0 to 255)).	Correct the specified content, and retry.	W	5
0310	5011	0 cannot be specified in all the fields.	Correct the specified content, and retry.	W	5
0310	5040	The maximum of IP Address is 32.	Reduce the number, and retry.	W	5
0310	5041	The maximum of Community is 32.	Reduce the number, and retry.	W	5
0310	5050	This Community name is already in use.	Check the content of the operation.	W	5
0310	5051	This IP address is already in use.	Check the content of the operation.	W	5
0310	9060	This item will be deleted. Do you want to continue?		W	5
0405	5013	An error occurred. If this problem persists, please call the Support Center.	Please call the Support Center.	E	2
0405	5047	The error occurred at the time of execution of Install/Deinstall.	If the same error occurs despite retrying, call the service personnel.	W	5
0405	5070	Invalid product name. Select a valid product name.	Check the product name of the selected program product.	W	5
0405	5071	Unable to install the license key. Temporary key installed.	Purchase the official license to use this software.	W	5
0405	5072	This subsystem is equipped with large capacity drives. Please upgrade license.	Order the appropriate license that meets the requirement.	W	5
0405	5073	To install/de-install this program product, you must install/de-install another program product first. Program Product Name	Please install the related program product at first.	W	5
0405	5074	The specified PP ID is invalid.	Retry again. If it occurred again, call Hitachi Data Systems Support Center.	W	5
0405	5075	This key code is invalid.	Confirm if the key code is correct or not.	W	5
0405	5076	The serial number is incorrect. Please correct.	Check the DKC Serial Number.	W	5
0405	5077	To de-install this program product, you must de-install another program product first. Program Product Name	At first, de-install the related program product.	W	5
0405	5078	To de-install this program product, you must de-install another program product first. Program Product Name	At first, de-install the related program product.	W	5
0405	5079	This program product needs another DKC type.	Please call Hitachi Data Systems Support Center.	W	5
0405	5080	You can't change this program product for some reason.	Please call Hitachi Data Systems Support Center.	W	5
0405	5501	The trial days have exceeded the specified extended days.	Please confirm the P.P. installation status.	W	5
0405	5502	The license capacity is insufficient. The program product is not installed.	None	W	5
0405	5503	You have attempted to install the Emergency key to the option that the Permanent key has been installed. If you want to install the Emergency key forcibly by using the license key file, \\	If you want to install the emergency key, select the [Forcibly Install Emergency Key] check box. If you do not want to install the emergency key, clear the [Forcibly Install Emergency Key] check box.	W	5

		nplease specify Only Normal & Warning and retry this operation. If you want to install the Emergency key forcibly by using the licensekey code, please select [OK].			
0405	6012	An error occurred. If this problem persists, please call the Support Center.	End other program, then re-execute the operation.	E	2
0405	6022	A file open error has occurred.	Retry again. If it occurred again, call Hitachi Data Systems Support Center.	E	4
0405	6023	An error occurred. If this problem persists, please call the Support Center.	Reboot the PC. If It cannot be recovered, replace the PC.	E	2
0405	7060	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0405	7061	An error occurred. If this problem persists, please call the Support Center.	Retry again. If it occurred again, call Hitachi Data Systems Support Center.	E	2
0405	7062	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0405	7063	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0405	7064	An error occurred. If this problem persists, please call the Support Center.		E	2
0405	7101	An error occurred. If this problem persists, please call the Support Center.	Order the appropriate license that meets the requirement.	E	2
0405	7201	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0405	7202	An error occurred. If this problem persists, please call the Support Center.	Order the appropriate license.	E	2
0405	7203	An error occurred. If this problem persists, please call the Support Center.	Order the appropriate license that meets the requirement.	E	2
0405	7204	An error occurred. If this problem persists, please call the Support Center.	Order the appropriate license that meets the requirement.	E	2
0405	7205	An error occurred. If this problem persists, please call the Support Center.	Please confirm the target P.P. name.	E	2
0405	7206	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0405	7207	An error occurred. If this problem persists, please call the Support Center.	Please call Hitachi Data Systems Support Center.	E	2
0405	8002	The subsystem status is invalid. Please call the Support Center.	Isolate problems according to the following procedure: 1. Reboot the PC. 2. Check the LAN card/LAN cable. 3. Check the IP address of the PC. 4. Replace the PC. 5. Power off/ on the DKC. (Care should be taken.)	E	2

0405	8003	The subsystem status is invalid. Please call the Support Center.	Isolate problems according to the following procedure: 1. Reboot the PC. 2. Check the LAN card/LAN cable. 3. Check the IP address of the PC. 4. Replace the PC. 5. Power off/ on the DKC. (Care should be taken.)	E	2
0405	8202	The subsystem status is invalid. Please call the Support Center.	Please call Hitachi Data Systems Support Center.	E	2
0405	8203	The subsystem status is invalid. Please call the Support Center.	Please call Hitachi Data Systems Support Center.	E	2
0405	8204	The subsystem status is invalid. Please call the Support Center.	Please call Hitachi Data Systems Support Center.	E	2
0405	8205	The subsystem status is invalid. Please call the Support Center.	Please call Hitachi Data Systems Support Center.	E	2
0405	8206	This program product is already used, you can't reinstall this program.	Stop using this program product function.	W	5
0405	8301	The subsystem status is invalid. Please call the Support Center.	Please retry this operation.	E	2
0410	5045	The maximum number of key codes is 20.	Correct the specified content, and retry.	W	5
0410	5046	The maximum number of filename codes is 200.	Correct the specified content, and retry.	W	5
0505	6001	An error occurred. If this problem persists, please call the Support Center.	Please select [OK].	E	2
0505	6023	An error occurred. If this problem persists, please call the Support Center.	Check the FD. When the failure is not recovered, reboot the PC. If it cannot be recovered, replace the PC.	E	2
0505	6024	An error occurred. If this problem persists, please call the Support Center.	Check the FD. When the failure is not recovered, reboot the PC. If it cannot be recovered, replace the PC.	E	2
0505	6025	An error occurred. If this problem persists, please call the Support Center.	Reboot SVP, and retry.	E	2
0505	6036	An error occurred. If this problem persists, please call the Support Center.	Reboot SVP, and retry.	E	2
0505	6040	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0505	6050	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0505	6502	Time out error has occurred. Please retry later. If you still cannot perform processing, please call the technical support center.	Please wait for a moment and retry.	W	5
0505	6506	Communication busy. Please retry later.	Please confirm the Controller status and retry. Refer to SVPMMSG05-30 "5. Error when operating HRC & HODM & HORC".	W	5
0505	6507	The maximum permissible capacity of program product became insufficient because of the installation of PDEV.	Please install the program product whose maximum permissible capacity became insufficient, and retry the operation.	W	5

0505	7104	An error occurred. If this problem persists, please call the Support Center.	Please call your maintenance support center to report them with the error code.	E	2
0505	7110	An error occurred. If this problem persists, please call the Support Center.	Please check the inputted value and retry.	E	2
0505	7111	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
0505	7201	An error occurred. If this problem persists, please call the Support Center.	Please call your maintenance support center to report them with the error code.	E	2
0505	7202	An error occurred. If this problem persists, please call the Support Center.	Please call Hitachi Data Systems Support Center.	E	2
0505	8001	The subsystem status is invalid. Please call the Support Center.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	2
0505	8100	An error occurred. If this problem persists, please call the Support Center.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	2
0505	8310	The subsystem status is invalid. Please call the Support Center.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	2
0505	8401	The subsystem status is invalid. Please call the Support Center.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	2
0510	9010	There is a charge for this operation. Do you want to continue?		W	5
1010	1023	The specified fiber address is wrong.	Correct the specified content, and issue the request again. (Currently, Bad Value Send report in Set Response.)	W	5
1010	1065	The specified Host Group is already used.	Correct the specified contents, and request the setting of the configuration information again.	W	5
1010	5010	The specified LDEVs and free LUNs should be the same number.	Correct the specified content, and retry.	W	5
1010	5040	The maximum number of Paths are already set.	You cannot specify anymore.	W	5
1010	5041	The maximum number of LUNs is already used. The maximum LUN number in the group is 256.	Reduce the number, and retry.	W	5
1010	5042	The maximum number of LUNs is already used. The maximum LUN number in the port is 512.	Reduce the number, and retry.	W	5
1010	5043	The selected number of LDEVs exceeds the number of free LUNs.	Reduce the number, and retry.	W	5
1010	5050	The specified LUN had been set.	Check the content of the operation.	W	5
1010	5051	The selected LUN is not a Command Device.	Check the content of the operation.	W	5
1010	5052	Select the LUN that is already assigned.	Check the content of the operation.	W	5
1010	5053	No port is specified.	Check the content of the operation.	W	5
1010	5054	You should map at least one path to the command device.	Check the content of the operation.	W	5
1010	5055	Invalid number of LDEVs are selected to the LUN.	Check the content of the operation.	W	5
1010	5056	The specified LUN does not exist in the system.	Check the content of the operation.	W	5
1010	5057	No LUN is specified.	Check the content of the operation.	W	5

1010	5058	This item could not drag and drop to the port.	Check the content of the operation.	W	5
1010	5059	Duplicate fiber address.	Check the content of the operation.	W	5
1010	5099	The specified LUN is the last path to the Command Device. Release the Command Device.	Check the content of the operation.	W	5
1010	6509	The host mode is invalid. Please specify a correct host mode.	Correct the mode of the target group.	W	0
1010	7060	An error occurred in the Client logic.	Call the service personnel.	E	2
1010	9012	Security for the specified Command Device LUN will be released. Do you want to continue?		I	0
1010	9013	The specified LUN will be assigned to Command Device. Do you want to continue?		I	0
1010	9014	The specified LUN's Command Device attribute will be released. Do you want to continue?		I	0
1010	9015	Are you sure you want to change the every port in CHA into the same specification ?		I	0
1010	9017	Security will be added to the specified Command Device LUN. Do you want to continue?		I	0
1010	9019	The specified LUN's Command Device attribute will be released, and Command Device security will be turned off. Do you want to continue?		I	0
1010	9103	Do you want to change?		I	0
1010	9150	Select the free LUN.		I	0
1010	9151	Only the LUN(LDEV) is specified. Select the corresponding LDEV(LUN).		I	0
1110	1064	The specified WWN is already in use.	Correct the specified contents, and request the setting of the configuration information again.	W	5
1110	1065	The specified name is already in use.	Correct the specified contents, and request the setting of the configuration information again.	W	5
1110	1110	You can not use the following characters for the name: \ / , ; * " < > You cannot use spaces for the first and the last characters in the name.	Remove the prohibited characters from the nickname.	W	5
1110	5000	The WWN should be input using hex digits (0-9 and A-F) and 16 characters.	Correct the specified content, and retry.	W	5
1110	5001	The name should be input using specified letters (a-z and A-Y) and digits (0-9).	Correct the specified content, and retry.	W	5
1110	5020	The Group Name should be from 1 to 8 characters.	Correct the specified content, and retry.	W	5
1110	5021	The name should be from 1 to 8 characters.	Correct the specified content, and retry.	W	5
1110	5022	Each area of the WWN should be 8 characters.	Correct the specified content, and retry.	W	5
1110	5040	The maximum number of Host Groups is already registered.	You cannot register a host group.	W	5
1110	5041	The maximum number for WWN is already registered.	Reduce the number, and retry.	W	5
1110	5042	The maximum number for WWN is 255.	Reduce the number, and retry.	W	5

1110	5043	The maximum number of WWN groups is 127.	Reduce the number, and retry.	W	5
1110	5044	The maximum number of LUN groups is 128.	Reduce the number, and retry.	W	5
1110	5050	The system cannot drop the WWN on the port.		W	5
1110	5051	The system cannot drop the WWN to the root.	Check the content of the operation.	W	5
1110	5052	The system cannot move the WWN. The specified WWN already exists in the destination.	Check the content of the operation.	W	5
1110	5053	The system cannot move the WWN. The Specified name already exists in the destination.	Check the content of the operation.	W	5
1110	5054	The system cannot drop the WWN on the port of Security Switch off.	Check the content of the operation.	W	5
1110	5055	The LUN in the LUN Group cannot drag and drop to the mapping window.	Check the content of the operation.	W	5
1110	5056	The system cannot add the LUN to the LUN group in the mapping window.	Check the content of the operation.	W	5
1110	5057	The WWN group already has the same LUN group.	Check the content of the operation.	W	5
1110	5058	The WWN already has the same LUN group.	Check the content of the operation.	W	5
1110	5059	The LUN group cannot add to LUN group.	Check the content of the operation.	W	5
1110	5060	The system cannot add WWN to LUN group.	Check the content of the operation.	W	5
1110	5061	The system cannot add WWN to WWN.	Check the content of the operation.	W	5
1110	5062	The WWN already exists in the port.	Check the content of the operation.	W	5
1110	5063	The WWN already has this LUN.	Check the content of the operation.	W	5
1110	5064	The WWN group already contains this LUN.	Check the content of the operation.	W	5
1110	5065	This name is already used on the port.	Check the content of the operation.	W	5
1110	7060	An error occurred in the Client logic.	Call the service personnel.	E	2
1110	9010	All the hosts connected to the port can access only the LUNs defined to the group #00. If you continue this operation, the LUNs in the current group except for #00 cannot be accessed and the file system may be corrupted. Are you sure you want to continue this operation?		I	0
1110	9011	Only the host registered in the group can access the LUNs defined to the group. If the host is not registered in the group, the host cannot access any LUN. Are you sure you want to continue this operation?		I	0
1110	9018	The Security switch of the port toggled. Do you want to continue?		I	0
1110	9060	The specified Host Group will be deleted. Do you want to continue?		I	0
1110	9061	The specified WWN will be deleted. Do you want to continue?		I	0
1110	9063	Warning: The LU path to the LDEV will be released at once. Do you want to continue?		I	0
1110	9064	Do you want to remove the WWN?		I	0

1110	9065	Do you want to remove all of the WWNs from the WWN group?		I	0
1110	9066	Do you want to release the LUN from the group?		I	0
1110	9067	Do you want to release the LUN group?		I	0
1110	9068	Do you want to remove the LUN group with all of the LUNs in the group?		I	0
1110	9069	The specified Command Device LUN will release Command Device security. Do you want to continue?		I	0
1110	9080	Are you sure to clear the selected group #00?	To continue processing, select [Yes]. To stop processing, select [No].	I	5
1110	9100	There are different security settings in the group. Do you want to re-configure?		I	0
1110	9101	There are some WWN groups or LUN groups that don't have enough members. Do you want to apply?	To execute the operation in Preset, press the OK button.	I	0
1110	9102	Do you want to renew the security as group?		I	0
2010	5030	There are no available LUSE volumes to release the LUSE. Check the specified volumes.	Correct the specified content, and retry.	W	5
2010	5031	Select the non-LUSE LDEV.	Correct the specified content, and retry.	W	5
2010	5032	There are no LDEVs available to set the LUSE top volume. Check the specified LDEVs.	Correct the specified content, and retry.	W	5
2010	5033	There are no LDEVs available to create the LUSE. Check the specified LDEVs.	Correct the specified content, and retry.	W	5
2010	5040	Too many LDEVs are selected for one LUSE volume. (Max. = 36)	Reduce the number to 36 and less, and retry.	W	5
2010	5050	No LDEV is specified.	Select LDEV and retry.	W	5
2010	5051	You cannot delete the first LDEV of a LUSE volume.	Check the content of the operation.	W	5
2010	5052	This is the last path for the LUSE volume.	Check the content of the operation.	W	5
2010	5053	You should map at least one path to LUSE volume.	Check the content of the operation.	W	5
2010	5054	The LUNs are assigned to the LDEV (or LUSE volume).	Check the content of the operation.	W	5
2010	7060	An error occurred in the Client logic.	Call the service personnel.	E	2
2010	8100	The selected LDEV cannot set LUSE.	Retry the same operation several times. If the same error occurs, call the service personnel.	W	5
2010	9010	The specified volumes will be expanded to LUSE volume. All data in each LDEV will be initialized. Do you want to continue?		I	0
2010	9060	The specified LUSE volume will be released. All data in the volume will be initialized. Do you want to continue?		I	0
2010	9100	The LUSE volume needs at least one path. Do you want to continue the operation?		I	0
2010	9150	Select the LUSE.		I	0
2010	9151	Select the LUSE volume.		I	0

2010	9152	Warning: It is required to assign the LU Path for the LUSE volume. Do you want to continue?		I	0
2010	9153	Select the first LDEV of the LUSE volume.		I	0
3010	1046	The number of FlashAccess set exceeds the maximum(1024).	Correct the specified contents, and request the setting of the configuration information again.	W	5
3010	5010	The system failed the Volume to Space operation. The specified LDEV is the last LDEV in the VDEV.	Correct the specified content, and retry.	W	5
3010	5011	Specify the value over one cylinder.	Correct the specified content, and retry.	W	5
3010	5012	Set the value over 35MB.	Correct the specified content, and retry.	W	5
3010	5030	There are no LDEVs which can be initialized. Specify LDEVs which are not CruiseControl reserved volumes.	Correct the specified content, and retry.	W	5
3010	5031	No LDEV is specified.	Correct the specified content, and retry.	W	5
3010	5040	The specified value exceeds the maximum.		W	5
3010	5050	The system failed the Volume to Space operation. The specified LDEV is the last LDEV in the VDEV.	Check the content of the operation.	W	5
3010	5051	Free space is required for Install CV to operate.	Check the content of the operation.	W	5
3010	5052	The specified LDEV is already used.	Check the content of the operation.	W	5
3010	5053	The specified SSID is already used.	Check the content of the operation.	W	5
3010	5054	You must delete the paths associated with the LDEVs or release the LUSE Volume or release the Reserved Volume of CruiseControl, before you delete the LDEV itself. Please try again.	Check the content of the operation.	W	5
3010	5055	You cannot perform volume initialization on the following LDEVs: Volumes with path definition, LUSE volumes, CruiseControl reserved volumes, paired volumes, and the Command Device.	Check the content of the operation.	W	5
3010	5056	Select LDEVs after canceling the automatically selected LDEVs.	Check the content of the operation.	W	5
3010	5057	There are not enough LDEVs.	Check the content of the operation.	W	5
3010	7060	An error occurred in the Client logic.	Call the service personnel.	E	2
3010	9001	Custom volume operation is complete.		I	0
3010	9010	Do you want to set the following custom volume?		I	0
3010	9011	The following volume will be initialized. The stored data in the volume will be removed at that time. Do you want to continue?		I	0
3010	9012	The following normal volume will be restored. Do you want to continue?		I	0
3010	9019	There is no volume recovered in the specified parity group (PG). The CVs will be deleted from the PG. Is it OK?	To continue processing, select [OK]. To stop processing, select [Cancel].	I	0
3010	9060	Do you want to cancel making the following custom volume operation?		I	0

3010	9102	Do you want to apply?	To execute the operation in Preset, press the OK button.	I	0
3010	9103	Do you want to change?		I	0
3010	9150	Specify the SSID.		I	0
4010	1030	Part of the range is already in use.	Correct the specified content, and issue the request again.	I	0
4010	1032	The specified value is outside the valid range.	Correct the specified content, and issue the request again.	I	0
4010	2080	Prestaging not completed.	Wait for a while, and press the Refresh button, and then change the same configuration again. Or check the DKC status (if it is not blocked). If the same error occurs, call the service personnel.	E	6
4010	5010	The specified value is invalid for FlashAccess area. The value should be From<To.	Correct the specified content, and retry.	W	5
4010	5011	The specified value is under one cylinder.	Correct the specified content, and retry.	W	5
4010	5030	No deletion area is specified. Retry the operation to specify the deletion area.	Correct the specified content, and retry.	W	5
4010	7060	An error occurred in the Client logic.	Call the service personnel.	E	2
4010	9000	Prestaging is completed.		I	0
4010	9010	The system will set the contents.		I	0
4010	9060	Do you want to delete?		I	0
5105	2002	An error occurred. If this problem persists, please call the Support Center.	The size of a CV which links as an expanded LU is not the same. Or you are trying to link CV and normal volume. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
5105	2015	A connection error has occurred.	Retry the same operation. If the same error occurs despite retrying, call the service personnel.	E	4
5105	2145	A connection error has occurred.	Retry the same operation. If the same error occurs despite retrying, call the service personnel.	E	4
5105	5010	An error occurred. If this problem persists, please call the Support Center.	WWN number, which is not registered, is specified. (When deleting, or changing) The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
5105	5013	An error occurred. If this problem persists, please call the Support Center.	You are trying to perform Virtual LVI/LUN operation for a volume which LU path is set, LU expanded volume, or a volume which LDEV Security is set. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
5105	5099	An error occurred. If this problem persists, please call the Support Center.	You are trying to register the same host group number as the existing number. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2

5105	6000	An error occurred. If this problem persists, please call the Support Center.	If the same error occurs despite retrying, call the service personnel.	E	2
5105	6012	An error occurred. If this problem persists, please call the Support Center.	If the same error occurs despite retrying, call the service personnel.	E	2
5105	6022	An error occurred. If this problem persists, please call the Support Center.	If the same error occurs despite retrying, call the service personnel.	E	2
5105	6023	An error occurred. If this problem persists, please call the Support Center.	If the same error occurs despite retrying, call the service personnel.	E	2
5105	6501	There is no monitoring data.	Change the monitor switch to ON, and accumulate the data.	W	5
5105	7111	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
5105	7428	An error occurred. If this problem persists, please call the Support Center.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	2
5105	8002	The subsystem status is invalid. Please call the Support Center.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	2
5105	8916	An error occurred. If this problem persists, please call the Support Center.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	2
5105	8918	An error occurred. If this problem persists, please call the Support Center.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	2
5105	8919	The subsystem status is invalid. Please call the Support Center.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	2
5202	1231	The target volume(s) is already being used by Data Migration.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5202	1232	The target volume(s) is already being used by ShadowImage or ShadowImage - S/390®.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5202	1233	The target volume(s) is already being used by ShadowImage or ShadowImage - S/390®.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1076	The target volume(s) is already being used by ShadowImage or ShadowImage - S/390®.	Check the status of the selected volume.	E	6
5205	1077	The target volume(s) is already being used by ShadowImage or ShadowImage - S/390®.	Check the status of the selected volume.	E	6
5205	1078	The target volume is a LUSE volume. Cannot change to reserve volume.	Check the setting.	E	6
5205	1079	The specified reserve volume has a FlashAccess setting.	Release the FlashAccess setting.	E	6
5205	1080	The target volume(s) cannot be used.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1081	The target volume(s) is a command device.	Release the command device, or select other volume.	E	6
5205	1082	The target volume(s) is not equipped.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1083	The target volume(s) is already reserved.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1084	There is no allocable reserved volume.	Set Reserve volume, and retry the operation.	E	6

5205	1085	The target volume(s) is already being used by CruiseControl.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1086	The RAID level of the target volume is not supported.	Check the micro program version, and call the service personnel.	E	6
5205	1094	The target volume is not a reserved volume.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1095	The number of volumes exceeds the maximum.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1096	The target volume(s) is already in use by HOST or Remote Copy.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1109	The target volume(s) is not supported by CruiseControl.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1117	The target volume(s) is already being used by Concurrent Copy.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1118	The target volume(s) is already being used by Concurrent Copy.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1119	The target volume(s) is already being used by Concurrent Copy.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1120	The target volume(s) is already being used by HXRC.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1121	The target volume(s) is already being used by HXRC.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1122	The target volume(s) is already being used by HXRC.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1207	The volume types do not match.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1208	The target volume(s) is not supported by CruiseControl.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1209	The target volume(s) is not supported by CruiseControl.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1210	The target volume(s) has an over flow condition.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1211	The number of volume pairs exceeds the maximum.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1212	The target volume(s) is not equipped.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1213	The target volume(s) cannot be used.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1214	The target volume is being formatted.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1215	The target volume(s) is a command device.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1216	The target volume(s) is not equipped.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1217	The target volume(s) cannot be used.	Retry the same operation. If nothing changes, contact the service personnel.	E	6

5205	1218	The target volume is being formatted.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1219	The target volume(s) is a command device.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1220	The target volume is not a reserved volume.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1221	The target volume(s) is already being used by CruiseControl.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1222	The number of ShadowImage or ShadowImage - S/390® volume pairs exceeds the maximum.	Please release the ShadowImage pair.	E	6
5205	1223	The target volume(s) is already being used by CruiseControl.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1224	The target volume(s) is already being used by CruiseControl.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1225	The selected source volume and destination volume are the same volume.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1226	The target volume(s) is already being used by Remote Copy.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1227	The target volume(s) is already being used by Remote Copy.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1228	The RAID level of the target volume is not supported.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1229	The target volume(s) is already being used by ShadowImage or ShadowImage - S/390®.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1230	The target volume(s) is already being used by ShadowImage or ShadowImage - S/390®.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1234	The target volume(s) is already being used by Remote Copy.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1235	The target volume(s) is already being used by Remote Copy.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1236	The RAID level of the target volume is not supported.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1237	The target volume(s) is already being used by ShadowImage or ShadowImage - S/390®.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1238	The target volume(s) is already being used by ShadowImage or ShadowImage - S/390®.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1239	The target volume(s) is already being used by Data Migration.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1240	The target volume(s) is already being used by ShadowImage or ShadowImage - S/390®.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1241	The specified migration source volume has a FlashAccess setting.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1242	The specified migration destination volume has a FlashAccess setting.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1243	The specified volume is not the source volume.	Retry the same operation. If nothing changes, contact the service personnel.	E	6

5205	1246	The number of plan that could be executed at once is exceeds the maximum.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1247	The specified volume is already a source volume.	Retry the same operation. If nothing changes, contact the service personnel.	E	5
5205	1606	The option product (CruiseControl) is not installed.	Install the necessary program product.	E	5
5205	2003	An internal process is being executed, or maintenance is in progress. Please try again.	Confirm that maintenance operation is not in progress, and retry after a while.	E	5
5205	2004	An error occurred. If this problem persists, please call the Support Center.	The specified emulation type of CV cannot coexist. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
5205	2011	The controller is busy now. Please retry a little later.		E	5
5205	2024	The controller detected the blockade location.	Call the service personnel.	E	4
5205	2025	The controller detected the blockade location.	Call the service personnel.	E	4
5205	2026	The controller detected the blockade location.	Call the service personnel.	E	4
5205	2027	The controller detected the blockade location.	Call the service personnel.	E	4
5205	2028	The controller detected the blockade location.	Call the service personnel.	E	4
5205	2029	A data transfer failure was detected.	Call the service personnel.	E	4
5205	2030	A data transfer failure was detected.	Call the service personnel.	E	4
5205	2033	The server is now gathering the latest data. Internal processing is being executed. Please wait a while, and then click the Refresh button.	Wait for a while, and press the Refresh button.	W	4
5205	3002	An error occurred. If this problem persists, please call the Support Center.	When Virtual LVI/LUN operation (Volume Initialize) is performed, the number of volumes which should be returned to Normal Volume and the number of volumes which is requested in Volume Initialize are different. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
5205	3003	An error occurred. If this problem persists, please call the Support Center.	When Install CV was set, the emulation type and the specified size of the emulation type were specified incorrectly. (User specified capacity is specified to mainframe volume. The user specified number of cylinders is specified to open volume.) The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
5205	5013	An error occurred. If this problem persists, please call the Support Center.	You are trying to perform LUN Security operation for a port where LUN Security function is invalid. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
5205	5099	An error occurred. If this problem persists, please call the Support Center.	You are trying to set an expanded LU which includes an already expanded LU. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
5205	6000	An error occurred. If this problem persists, please call the Support Center.	If the same error occurs despite retrying, call the service personnel.	E	2

5205	6001	An error occurred. If this problem persists, please call the Support Center.	If the same error occurs despite retrying, call the service personnel.	E	2
5205	6012	An error occurred. If this problem persists, please call the Support Center.	If the same error occurs despite retrying, call the service personnel.	E	2
5205	6022	An error occurred. If this problem persists, please call the Support Center.	If the same error occurs despite retrying, call the service personnel.	E	2
5205	6023	An error occurred. If this problem persists, please call the Support Center.	If the same error occurs despite retrying, call the service personnel.	E	2
5205	6036	An error occurred. If this problem persists, please call the Support Center.		E	2
5205	6501	There is no monitoring data.	Change the monitor switch to ON, and accumulate the data.	I	5
5205	6502	Now processing. Please wait a while, and then retry the operation.	Retry the same operation several times. If the same error occurs, call the service personnel.	I	0
5205	7400	Failed to get information from hihsmatm.ini.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	4
5205	7401	Failed to get information from hihsmpln.ini.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	4
5205	7402	Failed to get information from hihsmfpg.ini.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	4
5205	7403	Failed to get information from hihsmls.ini.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	4
5205	7404	Failed to get information from hihsmpgr.ini.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	4
5205	7405	Failed to get information from hihsmlv.ini.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	4
5205	7406	Failed to get configuration information.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	4
5205	7407	Cannot make proper migration plan by this function.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	4
5205	7408	There is not enough valid monitoring data in the specified term.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	4
5205	7409	Failed to write to hihsmpln.ini.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	4
5205	7410	Failed to write to hihsmpgr.ini.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	4
5205	7411	Failed to write to hihsmlv.ini.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	4
5205	7412	It cannot make auto migration plan(Parameter error).	Retry the same operation several times. If the same error occurs, call the service personnel.	E	4
5205	7413	Invalid data from hihsmpln.ini.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	4
5205	7414	Invalid data from hihsmpgr.ini.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	4
5205	7415	Invalid data from hihsmls.ini.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	4

5205	7416	Invalid data from hihsmpgr.ini.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	4
5205	7417	Invalid data from hihsml dv.ini.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	4
5205	7418	Invalid configuration information.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	4
5205	7419	Invalid reserve volume information.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	4
5205	7420	There is not enough valid CruiseControl data in the specified term. Please check the following items: (1)Sampling Term [Time], (2)Monitoring term.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	4
5205	7421	Cannot make proper migration plan by this function. Please check the following items: (1)Reserve volume location. (2)Auto migration threshold disk utilization.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	4
5205	7422	A memory allocation error occurred.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	4
5205	7423	An internal error occurred.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	4
5205	7424	Failed to delete all plans.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	4
5205	7426	Failed to delete plan.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	4
5205	8001	An error occurred while connecting to the subsystem. Please retry a little later.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	6
5205	8100	This function is not supported.		E	6
5205	8102	This function is not supported.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	6
5210	5010	There is no monitoring data.	Change the monitor switch to ON, and accumulate the data.	W	5
5210	9010	The history will be updated. Do you want to continue?		I	0
5210	9060	The plan will be deleted. Do you want to continue?		I	0
5210	9061	The specified instructions will be reset. Do you want to continue?		I	0
5210	9100	Do you want to get the latest monitoring data?		I	0
5210	9319	Do you want to cancel plan(s) ? You should select the apply at once.		I	0
5305	1064	The specified WWN is already in use.	Correct the specified contents, and request the setting of the configuration information again.	E	6
5305	1258	This port is not equipped.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5305	2002	An error occurred. If this problem persists, please call the Support Center.	Failed to connect the communication between DKCs (SVPs). If the same error occurs despite retrying, call the service personnel.	E	2
5305	2015	A connection error has occurred.	Retry the same operation. If the same error occurs despite retrying, call the service personnel.	E	3

5305	2033	The server is now gathering the latest data. Internal processing is being executed. Please wait a while, and then click the Refresh button.	Wait for a while, and press the Refresh button.	W	3
5305	2145	A connection error has occurred.	Retry the same operation. If the same error occurs despite retrying, call the service personnel.	E	3
5305	3003	An error occurred. If this problem persists, please call the Support Center.	When LUSE is set, the maximum number of instructions, which DKC can set, was exceeded. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
5305	5000	The WWN should be input with hex digits (0-9 and A-F) and 16 characters.	Correct the specified content, and retry.	E	2
5305	5010	An error occurred. If this problem persists, please call the Support Center.	You are giving operation command to a parity group, which is not installed in Virtual LV/LUN operation. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
5305	5013	An error occurred. If this problem persists, please call the Support Center.	Retry the same operation. If the same error occurs, call the service personnel.	E	2
5305	5018	Invalid value. Enter correct value(0-65535).		W	6
5305	5099	An error occurred. If this problem persists, please call the Support Center.	You are trying to set multiple paths from a group to the same volume. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
5305	5101	The target WWN is not registered.	Check the specified content, and retry.	W	6
5305	5102	The target PA group(s) is not registered.	Check the specified content, and retry.	W	6
5305	5104	The target PA group(s) is already reserved.	Check the specified content, and retry.	W	6
5305	5105	The target port(s) does not equip the monitored WWN(s).	Check the specified content, and retry.	W	6
5305	5106	The target WWN is already registered in the port.	Check the specified content, and retry.	W	6
5305	5107	The specified Name is already used.	Check the specified content, and retry.	W	6
5305	5108	The specified Name is already used.	Check the specified content, and retry.	W	6
5305	5109	The number of WWN(s) that is monitored exceeds the maximum in the port.	Check the specified content, and retry.	W	6
5305	5110	The number of WWN(s) that is monitored exceeds the maximum.	Check the specified content, and retry.	W	6
5305	5111	The number of WWN(s) that is monitored exceeds the maximum in the PA group.	Check the specified content, and retry.	W	6
5305	5112	The target WWN belongs to the PA group	Check the specified content, and retry.	W	6
5305	5113	The target WWN belongs to the PA group	Check the specified content, and retry.	W	6
5305	5114	The target WWNs have different attributes.	Check the specified content, and retry.	W	6
5305	6000	An error occurred. If this problem persists, please call the Support Center.	If the same error occurs despite retrying, call the service personnel.	E	2
5305	6012	An error occurred. If this problem persists, please call the Support Center.	If the same error occurs despite retrying, call the service personnel.	E	2

5305	6022	A file open error has occurred.	If the same error occurs despite retrying, call the service personnel.	E	2
5305	6023	A file access error has occurred.	If the same error occurs despite retrying, call the service personnel.	E	2
5305	6036	An error occurred. If this problem persists, please call the Support Center.	If the same error occurs despite retrying, call the service personnel.	E	2
5305	6050	An error occurred. If this problem persists, please call the Support Center.	If the same error occurs despite retrying, call the service personnel.	E	2
5305	6051	An error occurred. If this problem persists, please call the Support Center.	If the same error occurs despite retrying, call the service personnel.	E	2
5305	7111	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
5305	7428	An error occurred. If this problem persists, please call the Support Center.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	2
5305	8002	The subsystem status is invalid. Please call the Support Center.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	2
5305	8918	An error occurred. If this problem persists, please call the Support Center.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	2
5305	8919	The subsystem status is invalid. Please call the Support Center.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	2
5307	5102	The target PA group(s) is not registered.	Check the specified content, and retry.	W	6
5307	5128	The number of PA group(s) exceeds the maximum.	Check the specified content, and retry.	I	6
5310	1110	You can not use the following characters for the name: \ / , : ; * " < > You cannot use spaces for the first and the last characters in the name.	Remove the prohibited characters from the nickname.	W	5
5310	5000	The WWN should be input using hex digits (0-9 and A-F) and 16 characters.	Correct the specified content, and retry.	W	5
5310	5067	Upper value is not set in the non-priority port.	Set the upper limit of the non-prioritized port.	W	5
5310	5068	The value is not set in the all control.	Set the value of the entire control.	W	5
5310	5069	Upper value is not set in the non-priority WWN.	Set the upper limit of the non-prioritized port.	W	5
5310	5106	Target WWN is already registered in the port.	Check the specified content, and retry.	I	5
5310	5107	The specified name is already used.	Check the specified content, and retry.	I	5
5310	5108	The specified name is already used.	Check the specified content, and retry.	I	5
5310	5109	The number of WWN(s) that is monitored exceeds the maximum in the port.	Check the specified content, and retry.	I	5
5310	5110	The number of WWN(s) that is monitored exceeds the maximum.	Check the specified content, and retry.	I	5
5310	5111	The number of WWN(s) that is monitored exceeds the maximum in the PA group.	Check the specified content, and retry.	I	5
5310	5128	The number of PA group(s) exceeds the maximum.	Check the specified content, and retry.	I	5
5310	5129	Target WWN is already registered in another PA group.	Check the specified content, and retry.	I	5

5310	5133	The WWN that belongs to the PA Group is not deleted.	Delete the WWN from PA Group first.	W	5
5310	5134	The attribute of WWN is different from the PA group.	Set the attribute together.	W	5
5310	5135	The WWN should be input with hex digits(0-9 and A-F) and 16 characters. And PA name should be specified letters(a-z and A-Y) and digits(0-9).	Check the contents and retry.	W	5
5310	5136	This WWN is already registered as the different Nickname.	Check the content, and retry.	W	5
5310	7427	Configuration information is not correct. Please call Support Center.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	2
5310	9077	Are you sure you want to delete the WWN?		I	5
5310	9078	Are you sure you want to delete the PA group?		I	5
5310	9079	The PA group was deleted because there are no more WWNs in the group.		I	5
5310	9312	The port control changed.		W	5
5310	9313	The WWN control changed.		W	5
5310	9314	There is no control, because the upper value is 0 in all ports.		W	5
5310	9315	Monitoring switch is off. Please change the short range switch.		I	5
6005	5013	An error occurred. If this problem persists please call Support Center.	Retry the same operation. If nothing changes, call the service personnel.	E	2
6005	5099	An error occurred. If this problem persists, please call the Support Center.	You are trying to set multiple volumes from a port/group to pair of ID/LUN. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
6005	6012	An error occurred. If this problem persists please call Support Center.	If nothing changes despite retrying, call the service personnel.	E	2
6005	6023	An error occurred. If this problem persists please call Support Center.	If nothing changes despite retrying, call the service personnel.	E	2
6005	8000	A time-out error occurred.	Retry the operation. If you get the same message again, reboot the PC. If necessary, please call the Hitachi Data Systems Support Center.	E	4
6005	8001	A time-out error occurred.	Retry the operation. If you get the same message again, reboot the PC. If necessary, please call the Hitachi Data Systems Support Center.	E	4
6005	8100	A time-out error occurred.	Retry the operation. If you get the same message again, reboot the PC. If necessary, please call the Hitachi Data Systems Support Center.	E	4
6005	8700	Please retry operation.	Retry the operation.	I	4
6005	8701	Logical Path between the MCU and the RCU is not active.	A logical path does not exist between the MCU and the RCU. Check the path status on RCU Status screen, and reestablish the paths with Edit Path.	I	4

6005	8702	The pair status of the M-VOL is not valid.	The pair status is not a permissible type for this operation. Renew and check the screen. If the M-VOL status permits the operation, retry the operation.	I	4
6005	8703	The specified number of Path is less than the minimum number of Paths on RCU Option screen.	The number of paths is less than the minimum number specified on the RCU Option screen. Check the number of paths, establish the minimum number of paths, and retry the operation.	I	4
6005	8704	The specified number of Paths is less than the minimum number of Paths on RCU Option screen. This is a result of a communication error between MCU and RCU.	A communication error occurred between the MCU and the RCU. Check the path status on RCU Status screen, and re-establish the paths with Edit Path.	W	4
6005	8705	The path could not be deleted due to a communication error between MCU and RCU.	Either a communication error occurred between the MCU and the RCU, or the CHA has become blocked. Please contact the Hitachi Data Systems Support Center.	W	4
6005	8706	Parameter specified by Remote Copy operation is invalid.	A parameter specified by the TrueCopy operation is invalid. For example, the R-VOL that is specified could already be in use as the R-VOL of another TrueCopy pair.	I	4
6005	8707	Parameter specified by DataMigration operation is invalid.	A parameter specified by the data migration operation is invalid. (For example, the R-VOL that is specified may already be in use as the R-VOL of another pair.) Please check the status of the volumes and retry the operation.	I	4
6005	8708	The pair status of the R-VOL is not valid.	Check the pair status for TrueCopy. If the requested R-VOL is in a permissible status, please retry the operation.	I	4
6005	8709	Remote Copy operation was rejected.	All channel adapters are not active for TrueCopy. Please contact the Hitachi Data Systems Support Center.	E	4
6005	8710	The pair status of the specified volume is not valid.	The pair status does not permit this operation. Verify the pair status, and if the operation is permitted retry.	I	4
6005	8711	Parameter specified by Remote Copy operation for expansion volume is not valid.	A parameter specified by TrueCopy operation for the expansion volume is not valid. For example, the specified Port /ID/LUN of the R-VOL may be invalid. Verify that the Port /ID/LUN is the RCU. Please establish the correct parameter and retry the operation.	I	4
6005	8712	The operation was rejected because of a FREEZE state.	1. If this was a path operation retry after the problem has been fixed. 2. If this was a pair operation, retry after the paths have been recovered. Two means of recovering paths are as follows: (a) Execute ESTPATH from the host console, or (b) First delete the path(s) from the SVP, then re-add them.	E	4
6005	8713	The port group exists on the specified port.	The port type could not be changed because the port group was set in the specified package. Delete the group setting and then change the port type.	E	4

6005	8714	An internal error occurred.	The command to delete the RCU is rejected because there is at least one pair established in the RCU. Delete the pair(s) that apply to that RCU and then retry the delete RCU operation.	E	4
6005	8715	Invalid number of paths.	The specified number of paths is not within the acceptable path range of 0 to 4. Please verify the number of paths and retry the operation.	E	4
6005	8716	Specified port is not RCP.	Check the configuration of the LCP/RCP, then either specify the correct port or change the port to RCP.	E	4
6005	8717	Invalid Destination Link Address.	The specified logical address must be either 00 or 01. Check the logical address and retry the operation.	E	4
6005	8718	The specified logical path already exists.	The specified link address and port are already in use. Check all existing logical path addresses, and specify another link address or RCP port.	I	4
6005	8719	Invalid RCU serial number, SSID, Link Address or Controller ID.	Check the serial number, SSID and link address of the RCU, and set the correct value. Then retry the operation. If the same error occurs, contact the Hitachi Data Systems Support Center.	E	4
6005	8720	Too many RCUs. (Four RCUs allowed).	A maximum of four RCUs are permitted, and that many already exist.	I	4
6005	8721	Path establishing is not complete.	Check the path connections between the MCU and the RCU, then retry the operation.	E	4
6005	8722	Path establishing failed.	Check the path connections between the MCU and the RCU, then retry the operation.	E	4
6005	8723	The Edit Path operation was rejected because the specified path is the last path of some Remote Copy pairs.	Add another path, or delete all pairs on the RCU. Then retry the operation.	I	4
6005	8724	Specified number of Path is less than the Minimum Paths on RCU Option screen.	The specified number of paths is less than the minimum number of paths specified on the RCU Option panel.	I	4
6005	8725	Currently running microprogram version does not support the specified operation.	The 9900V microcode version does not support the specified function or operation. Please contact the Hitachi Data Systems Support Center.	I	4
6005	8726	Multi platform feature already installed in MCU.	The multiplatform feature has already been installed in the MCU. Please verify the configuration of the MCU.	I	4
6005	8727	The number of minimum paths is more than the number of normal paths.	If the error code is 100c, please set the minimum number of paths after adding the normal path(s). If the error code is 400c, please delete the paths after adding them, or delete the paths after decreasing the number of minimum paths.	I	4
6005	8728	The number of minimum paths is more than the number of normal paths.	If the error code is 100c, please set the minimum number of paths after adding the normal path(s). If the error code is 400c, please delete the paths after adding them, or delete the paths after decreasing the number of minimum paths.	I	4
6005	8729	An internal error occurred.	An internal error has occurred. Please call the Hitachi Data Systems Support Center.	E	4

6005	8730	Invalid Logical Addresses are specified.	1. If you are adding RCUs, specify the same logical address. 2. If you are editing paths, specify the same logical address as the existing paths. (Refer to the Edit Path Screen.)	I	4
6005	8731	The existing logical addresses are not equal.	The logical addresses of all existing paths are not the same. Delete the RCU, then re-add it, using the same logical address as other existing paths.	I	4
6005	8732	Too many SSIDs(Only Four SSIDs are allowed).	The maximum number of SSIDs (four) has been entered. Verify that the SSIDs are valid, delete one or more, and then retry the operation.	E	4
6005	8733	The Fibre-Remote Copy function is not installed in the specified MCU.	Please install the program product key in the MCU.	I	4
6005	8734	The Fibre-Remote Copy function is not installed in the specified RCU.	Please install the program product key in the RCU.	I	4
6005	8735	Invalid RCU serial number, SSID, Link Address or Controller ID.	Check the serial number, SSID and link address of the RCU, and set the correct value. Then retry the operation. If the same error occurs, contact the Hitachi Data Systems Support Center.	E	4
6005	8736	The specified RCU or SSID contains some Remote Copy volume pairs.	Invalid serial number or SSID for this operation. Either the RCU is not a proper machine type for TrueCopy, or the RCU's controller is not the proper type for data migration. Check the serial number and SSID of the RCU, and set the correct value.	I	4
6005	8737	An internal error occurred.	An internal error has occurred. Please call the Hitachi Data Systems Support Center.	E	4
6005	8738	Remote Copy is not supported under the MCU Controller emulation type.	The emulation type of the MCU does not support TrueCopy. If you want to use TrueCopy, please call the Hitachi Data Systems Support Center.	I	4
6005	8739	NVS status of MCU is not active.	The MCU NVS status specified by the host is not active. Set the NVS to "on" for the MCU, using any attached host, then retry the operation.	I	4
6005	8740	NVS status of RCU is not active.	The RCU NVS status specified by the host is not active. Use any attached host to set the NVS to "on" for the MCU, then retry the operation.	I	4
6005	8741	The logical paths between the MCU and RCU are not established.	Check the path status between the MCU and the RCU.	I	4
6005	8742	Pinned track(s) exists on the M-VOL.	Check the status of the M-VOL tracks, and clear the pinned tracks.	W	4
6005	8743	Pinned track(s) exists on the R-VOL.	Check the status of the R-VOL tracks, and clear the pinned tracks.	W	4

6005	8744	The specified M-VOL condition is not valid for Remote Copy.	The M-VOL is not available for the requested operation, because of one or more of the following reasons: 1. The volume is blocked. 2. The volume is under maintenance. 3. The volume is copying data (correction copy or drive copy). 4. The volume is correction access condition. Check the logical device status of the specified M-VOL. If the M-VOL is either under maintenance or is copying data, retry the operation after the process is completed.	W	4
6005	8745	The R-VOL is already in use by another system.	The specified R-VOL is already in use. Examples include: 1. The R-VOL is already being used by Dual Copy. 2. The R-VOL is already being used for TrueCopy operations. 3. The R-VOL is already being used by pprc or TrueCopy. 4. The R-VOL is already being used by Concurrent Copy. 5. The R-VOL is reserved. 6. The R-VOL already being used by ShadowImage. Check the R-VOL status of the RCU from either the host or the SVP.	I	4
6005	8746	Remote Copy is not supported under the M-VOL Device emulation type.	The emulation type of the M-VOL does not support TrueCopy. If you want to use TrueCopy, please call the Hitachi Data Systems Support Center.	I	4
6005	8747	Currently running microprogram version does not support the specified operation.	The version of the microcode on the subsystem does not support the specified function or operation. Please contact the Hitachi Data Systems Support Center.	I	4
6005	8748	Specified M-VOL may be in use by HOST.	Data migration cannot start because the volume is online. Please vary the path offline and retry.	I	4
6005	8749	Specified R-VOL is still online from HOST.	Please check if the input number of R-VOL is correct. If not, enter the correct R-VOL number. If the number is correct, please vary the specified path offline.	I	4
6005	8750	DataMigration is not supported under the MCU Controller emulation type.	The RCU controller emulation type does not support data migration. Please contact the Hitachi Data Systems Support Center.	I	4
6005	8751	Remote Copy is not supported under the RCU Controller emulation type, or the CT Group is not usable.	Add Pair operation failed. 1. Confirm the controller emulation type, and refer to the manual. 2. Confirm the CT Group number in the MCU.	I	4
6005	8752	DataMigration is not supported under the RCU Controller type.	The RCU controller emulation type does not support data migration. Please contact the Hitachi Data Systems Support Center.	I	4
6005	8753	An internal error occurred.	An internal error has occurred. Please call the Hitachi Data Systems Support Center.	E	4
6005	8754	Invalid MCU serial number or MCU SSID.	Check the serial number or SSID of MCU, then retry with correct parameter.	E	4

6005	8755	Invalid RCU serial number or RCU SSID.	Check the serial number or SSID of RCU, then retry with correct parameter.	E	4
6005	8756	MCU Subsystem Cache status is not active.	Check the subsystem cache status of the MCU from the host. If it is off, set it on and retry. If it cannot be set on, please contact the Hitachi Data Systems Support Center.	I	4
6005	8757	One side of MCU Cache is blocked.	Please contact the Hitachi Data Systems Support Center.	W	4
6005	8758	Unexpected error occurred on MCU.	Please contact the Hitachi Data Systems Support Center.	W	4
6005	8759	RCU Subsystem Cache status is not active.	Please contact the Hitachi Data Systems Support Center.	I	4
6005	8760	M-VOL and R-VOL Track Formats do not match.	Check the track formats of the specified M-VOL and R-VOL.	I	4
6005	8761	M-VOL with R-VOL device emulation combinations are not supported.	Check the device type of the specified M-VOL and R-VOL.	I	4
6005	8762	R-VOL Device Cache status is not active.	Check the device cache status of R-VOL from host. If it is off, set it on and retry. If it cannot be set on, please contact the Hitachi Data Systems Support Center.	I	4
6005	8763	R-VOL DFW status is not active.	Check the DFW status of the R-VOL from the host. If it is off, set it on and retry. If it cannot be set on, please contact the Hitachi Data Systems Support Center.	I	4
6005	8764	The Specified R-VOL is not usable.	The specified R-VOL is not usable because of one or the following reasons: 1. The specified volume has not been installed. 2. The specified volume is defined as a command device for Command Control Interface (CCI).	W	4
6005	8765	DataMigration is not supported under the M-VOL Device emulation type.	The device emulation type of the specified M-VOL does not support data migration. Please contact the Hitachi Data Systems Support Center.	I	4
6005	8766	Remote Copy is not supported under the R-VOL Device emulation type.	The device emulation type of the R-VOL does not support TrueCopy. Please contact the Hitachi Data Systems Support Center.	I	4
6005	8767	DataMigration is not supported under the R-VOL Device emulation type.	The R-VOL device emulation type does not support data migration. Please contact the Hitachi Data Systems Support Center.	I	4
6005	8768	The RCU is still in other Remote Copy condition.	The RCU containing the R-VOL is being used as the RCU for TrueCopy. Verify the status of the RCU, if necessary delete the RCU, then retry the operation.	E	4
6005	8769	The RCU is still in other Remote Copy condition.	The RCU containing the R-VOL is being used as the RCU for TrueCopy. Verify the status of the RCU.	E	4
6005	8770	The Cache on the MCU is automatically recovering. Please wait a few minutes then retry again.	Select [OK] to acknowledge the message, then retry the operation after the cache has been recovered.	I	4

6005	8771	R-VOL option change operation failed. Only M-VOL option was modified because RCU side did not support a fence level displaying function.	The R-VOL option change operation failed (only the M-VOL option was modified), because the RCU side does not support the display fence level function.	I	4
6005	8772	Pair option change operation failed because a communication error has occurred or R-VOL status is invalid.	The pair option change operation failed, either because a communication error occurred or because the R-VOL status is not valid. Please verify the status.	E	4
6005	8773	Pair option change was refused because M-VOL is suspended.	Resume the pair for the M-VOL, then retry the operation.	I	4
6005	8774	Multi platform feature already installed in MCU.	The multiplatform feature has already been installed in the MCU. Please verify the configuration of the MCU.	I	4
6005	8775	Multi platform feature already installed in RCU.	The multiplatform feature has already been installed in the RCU. Please verify the configuration of the RCU.	I	4
6005	8776	The M-VOL is already used by another system.	The M-VOL is already being used by another operation. Possibilities include: 1. The M-VOL is already used by TrueCopy. 2. The M-VOL is already used by ShadowImage. Check the M-VOL status of the MCU from the host or the SVP.	I	4
6005	8777	Combination of MCU with RCU controller type is not supported.	Check the controller type of the specified MCU and RCU, then call the Hitachi Data Systems Support Center.	I	4
6005	8778	One side of Cache on RCU is blocked.	There is an invalid cache status on the RCU. Check the status and recover the cache, then retry the operation.	W	4
6005	8779	TrueCopy is not supported under the RCU controller type.	This controller type does not support TrueCopy operations.	I	4
6005	8780	TrueCopy – S/390® function is not installed in specified controller.	The TrueCopy option must be installed in the MCU and RCU before an TrueCopy volume pair can be created.	I	4
6005	8781	TrueCopy – S/390® function is not installed in specified controller.	The TrueCopy option must be installed in the MCU and RCU before an TrueCopy volume pair can be created.	I	4
6005	8782	DataMigration function is not installed in specified controller.	The data migration option must be installed in the specified MCU before a data migration pair can be created.	I	4
6005	8783	The Remote Copy Semi-Sync function is not installed in specified controller(s).	If nothing changes despite retrying, call the service personnel.	I	4
6005	8784	The Remote Copy Semi-Sync function is not installed in specified controller(s).	If nothing changes despite retrying, call the service personnel.	I	4
6005	8785	The M-VOL is defined as the expansion volume.	Please recheck the volume.	I	4
6005	8786	The R-VOL is defined as the expansion volume.	Please recheck the volume.	I	4
6005	8787	The specified RCU does not support the Remote Copy for the expansion volume.	The controller type or the microprogram version of the specified RCU does not support TrueCopy for the expansion volume.	I	4
6005	8788	The specified expansion volume (Port/Group/LUN) is not defined in the RCU.	Verify the port ID and LUN ID of the expansion volume in the RCU.	I	4

6005	8789	Combination of the specified expansion volumes is not valid.	The combination of the specified volumes for LUN Expansion is not valid. Verify the parameters and retry the operation.	I	4
6005	8790	The specified expansion volume (Port/Group/LUN) of the RCU is not usable.	The specified expansion volume (Port/ID/LUN) of the RCU is not usable. For example, 1. The specified expansion volume of the RCU is blocked. 2. The specified expansion volume of the RCU is in CC=3 condition. 3. The specified expansion volume of the RCU requires intervention. 4. The specified RCU does not support TrueCopy for the expansion volume.	I	4
6005	8791	The specified M-VOL is still online from another HOST.	Please vary the concerned path offline from the other host, and then retry the operation.	I	4
6005	8792	Archival function is not installed in specified controller(s).	Install the Archival function in the MCU and the RCU, then retry the operation.	I	4
6005	8793	The TrueCopy function is not installed in specified controller(s).	Install TrueCopy in the MCU and the RCU, then retry the operation.	I	4
6005	8794	The TrueCopy function is not installed in specified controller(s).	Install TrueCopy in the MCU and the RCU, then retry the operation.	I	4
6005	8795	The M-VOL should have ShadowImage-S/390®/ShadowImage Split pair(PSUS) status when defined as T-VOL. It should not be Reserve VOL, nor ShadowImage-S/390®/ShadowImage Reverse Copy status.	Check the status of the specified M-VOL from the host or the SVP.	I	4
6005	8796	The R-VOL should not be ShadowImage-S/390®/ShadowImage T-VOL, Reserve VOL, nor ShadowImage-S/390®/ShadowImage Reserve Copy status.	Check the status of the specified R-VOL from the host or the SVP.	I	4
6005	8797	The M-VOL should be the ShadowImage-S/390®/ShadowImage T-VOL of the pair established, with one S-VOL to one T-VOL.	Check the status of the specified M-VOL from the host or the SVP.	I	4
6005	8798	The MCU is already used by ShadowImage-S/390®/ShadowImage.	The Add Pair operation failed because the MCU is already being used by ShadowImage. Verify the status of the MCU and retry the operation.	I	4
6005	8799	The M-VOL is already in use by CruiseControl.	Verify the status of the specified M-VOL.	E	4
6005	8800	The R-VOL is already in use by CruiseControl.	Verify the status of the specified R-VOL.	E	4
6005	8801	The R-VOL is reserved, or the RCU or the path between MCU-RCU is in a heavy load condition.	Verify the status of the specified R-VOL. If the device is not reserved, retry the operation.	I	4
6005	8802	CT group is not active.	The add pair operation failed because the C/T Group is not active. Add the C/T group, then retry the operation.	E	4
6005	8803	Too many RCUs in this CT Group.	The add pair operation failed because there are too many RCUs in this C/T group. If the timer type is System, then 4 RCU have already been added. If the timer type is Local or None, then 1 RCU has already been added.	I	4

6005	8804	Copy mode cannot be changed.	The resume pair operation failed. The volume and the copy mode must be either both asynchronous or both synchronous. Verify that the status of the volume and the copy mode match, then retry the operation.	1	4
6005	8805	CT Group is not active in the RCU.	The resume pair operation failed, because there is no R-VOL in the C/T Group. Verify the status of the C/T group in the MCU/RCU. If an M-VOL exists, delete it and retry the add pair operation.	1	4
6005	8806	CT Group Option cannot be changed unless deleting or suspending all asynchronous pairs in the group.	If you want to change the C/T group option (timer type or time out), either delete all asynchronous pairs in the group, or verify the status of the RCU C/T Group option and set the same option as the MCU.	1	4
6005	8807	Too many MCUs in this CT Group.	The add pair operation failed because there are too many MCUs in this C/T group. If the timer type is System, then 4 MCUs have already been added. If the timer type is local or none, then 1 MCU has already been added.	1	4
6005	8808	Please retry. Add Pair(Paircreate)/Resume Pair(Pairresync) operation after waiting a few minutes.	The add/resume pair operation failed, because the either the specified volume or another volume in the same group is being changed to simplex or suspend status. Retry the operation after the status change is completed.	1	4
6005	8809	Please wait. Retry Add Pair(Paircreate)/Resume Pair(Pairresync) operation in a few minutes.	Add/resume pair operation failed. The specified volume or another volume in the same group being changed to simplex/suspend status in RCU. A few minutes later, please renew and check the TrueCopy screen and if specified volume is in a permissible status please retry the operation.	1	4
6005	8810	TrueCopy – S/390® Asynchronous function is not installed in specified RCU.	Install TrueCopy Asynchronous in the RCU and retry the operation.	1	4
6005	8811	This version does not support multiple CT Groups in the RCU.	This microcode version does not support multiple C/T groups in the RCU. Verify the status and retry.	1	4
6005	8812	This version does not support combining TrueCopy – S/390® Asynchronous pairs and Synchronous pairs in the DKC subsystems(s).	The add pair operation failed. This version does not support intermix of TrueCopy Asynchronous pairs and Synchronous pairs in the same DKC. Refresh the screen and confirm the Copy Mode in the MCU and RCU.	1	4
6005	8813	Specified M-VOL is a ShadowImage-S/390®/ShadowImage volume. This version does not support it.	This microcode version does not support ShadowImage, and the specified M-VOL is a ShadowImage volume. Verify the status of the M-VOL and retry.	1	4
6005	8814	Specified R-VOL is a ShadowImage-S/390®/ShadowImage volume. This version does not support it.	This microcode version does not support ShadowImage, and the specified R-VOL is a ShadowImage volume. Verify the status of the R-VOL and retry.	1	4
6005	8815	TrueCopy Asynchronous function is not installed in specified RCU.	Install the TrueCopy Asynchronous function in the RCU, then retry the operation.	1	4

6005	8816	Add Pair(Paircreate) operation failed because combining TrueCopy – S/390® Asynchronous pairs and TrueCopy Asynchronous pairs is not allowed in the same CT Group.	The operation failed because TrueCopy asynchronous pairs cannot be mixed with TrueCopy asynchronous pairs. Verify the status, then retry the operation.	I	4
6005	8817	Preset Suspension is effective in the CT Group.	Cancel the preset suspension in the C/T group, then retry the operation.	I	4
6005	8818	Preset Suspension is effective in the CT Group.	Cancel the preset suspension in the C/T group, then retry the operation.	I	4
6005	8819	The specified R-VOL is in an intervention-required condition.	Check the status of the specified R-VOL.	W	4
6005	8820	The specified R-VOL is not in a permissible condition for Remote Copy operations.	The TrueCopy operation failed, because R-VOL has one of the following conditions: 1. The volume is blocked. 2. The volume is under maintenance. 3. The volume is copying data (correction copy or drive copy). 4. The volume is in the correction access condition.	W	4
6005	8821	The specified R-VOL is not recognizable from the connection port.	Verify the configuration of the specified R-VOL.	W	4
6005	8822	I/O Error occurred on the R-VOL.	Check the SSB log, record the error number, and call the Hitachi Data Systems Support Center.	E	4
6005	8823	The TrueCopy – S/390® Periodic Differential Copy function is not installed in the specified MCU.	If the TrueCopy-S/390® PeriodicCopy function is not installed in MCU of the microprogram version, install the appropriate version. If the program product is not installed in MCU, install the microprogram.	I	4
6005	8824	The TrueCopy – S/390® Periodic Differential Copy function is not installed in the specified RCU.	If the TrueCopy-S/390® PeriodicCopy function is not installed in RCU of the microprogram version, install the appropriate version. If the program product is not installed in MCU, install the microprogram.	I	4
6005	8825	The Add Pair (Paircreate)/Resume (Pairresync) operation failed combining pairs (using Fibre path and Serial path) is not allowed in the same CT Group.	Refresh and confirm the TrueCopy screen in the MCU and RCU.	I	4
6005	8826	An internal error occurred.	An internal error has occurred. Please call the Hitachi Data Systems Support Center.	E	4
6005	8827	Please wait a few minutes and retry the Add Pair(Paircreate)/Resume Pair(Pairresync).	The Add Pair (Paircreate) /Resume Pair (Pairresync) operation failed. A few minutes later, please refresh the screen, confirm if the specified volumes are in the permissible status, and then retry the operation.	I	4
6005	8828	This version of the microprogram does not support combining pairs using Fibre paths, with pairs using Serial paths in the same DKC subsystem.	Confirm the path type specified for the Paircreate operation on the RCU Status screen.	I	4
6005	8829	The LCP of the RCU cannot access the specified R-VOL.	Take the following actions: 1. Specify only one CU# for the same LCP of the RCU. 2. Connect to the LCP that can access the specified R-VOL.	E	4
6005	8830	The specified M-VOL is already used as a CruiseControl Reserve VOL.	Check the status of the specified M-VOL (P-VOL) from HOST or SVP.	I	4

6005	8831	The specified R-VOL is already used as a CruiseControl Reserve VOL.	Check the status of the specified R-VOL (S-VOL) from HOST or SVP.	I	4
6005	8832	Please wait a few minutes and retry the Add Pair (Paircreate) / Resume Pair (Pairresync) operation.	Please check the status of the specified M-VOL (P-VOL), and then retry the Add Pair (Paircreate) / Resume Pair (Pairresync) operation in a few minutes.	I	4
6005	8833	Please wait a few minutes and retry the Add Pair (Paircreate) / Resume Pair (Pairresync) operation.	Please check the status of the specified R-VOL (S-VOL), and then retry the Add Pair (Paircreate) / Resume Pair (Pairresync) operation in a few minutes.	I	4
6005	8834	The Add Pair (Paircreate) operation failed because you tried to create volume pairs which exceeded the licensed capacity.	Refer to the license key and confirm the licensed capacity of the volumes. If you need to create more pairs, purchase a license key that allows you to use a larger capacity.	E	4
6005	8835	The Add Pair (Paircreate) operation failed because you tried to create volume pairs which exceeded the licensed capacity of the RCU side.	Refer to the license key of the RCU side, and confirm the licensed capacity of the volumes. If you need to create more pairs, purchase a license key that allows you to use a larger capacity.	E	4
6005	8836	No additional volume pairs waiting for copy.	Please check the pair status and retry.	I	4
6005	8837	An internal error occurred.	An internal error has occurred. Please call the Hitachi Data Systems Support Center.	E	4
6005	8838	Specified volume is not part of a Remote Copy pair.	The specified volume is not part of a TrueCopy pair. Please check the volume.	I	4
6005	8839	Invalid RCU serial number, SSID, Link Address or Controller ID.	Check the serial number, SSID and link address of the RCU, and set the correct value. Then retry the operation. If the same error occurs, contact the Hitachi Data Systems Support Center.	E	4
6005	8840	Suspend(Pairsplit-r) operation is not valid for R-VOL.	Suspend mode is not valid for the R-VOL. Check the volume and retry.	I	4
6005	8841	Invalid R-VOL.	Please check the R-VOL status.	E	4
6005	8842	R-VOL status change failed after M-VOL status change. Confirm R-VOL status.	Confirm the R-VOL status.	E	4
6005	8843	Suspend(Pairsplit-r) operation failed because specified volume or other volume in the same group is not in permissible status.	The operation failed, because of one of the following reasons: 1. The specified volume is simplex. 2. There is no duplex or duplex-pending volume in the group. 3. Either the specified volume or another volume in the same group are suspended. Verify the status, and retry the operation.	I	4
6005	8844	Suspend(Pairsplit-r) operation failed because specified volume or other volume in the same group is in status transition.	The operation failed, because of one of the following reasons: 1. The specified volume or another volume in the same group are deleting. 2. The specified volume or another volume in the same group are suspending. Wait for the change in status to be completed, then retry the operation.	I	4
6005	8845	Preset Suspension is effective in the CT Group.	Cancel the preset suspension in the C/T group, then retry the operation.	I	4

6005	8846	An internal error occurred.	An internal error has occurred. Please call the Hitachi Data Systems Support Center.	E	4
6005	8847	An internal error occurred.	An internal error has occurred. Please call the Hitachi Data Systems Support Center.	E	4
6005	8848	Please wait a few minutes and retry the Suspend Pair(Pairsplit-r) operation.	The suspend pair (Pairsplit-r) operation failed. A few minutes later, please refresh the screen, confirm if the specified volumes are in the permissible status, and then retry the operation.	I	4
6005	8849	Specified volume is not part of Remote Copy pair (Not in Duplex(PAIR), Pending(COPY), Suspend(PSUS) state).	The specified volume is not part of a TrueCopy pair. Please check the volume.	I	4
6005	8850	Invalid RCU serial number, SSID, Link Address or Controller ID.	Check the serial number, SSID and link address of the RCU, and set the correct value. Then retry the operation. If the same error occurs, contact the Hitachi Data Systems Support Center.	E	4
6005	8851	Invalid R-VOL.	Please check the R-VOL status.	E	4
6005	8852	R-VOL status change failed after M-VOL status change. Confirm R-VOL status.	Confirm the R-VOL status.	E	4
6005	8853	DataMigration volume pair cannot be terminated because migration copy is in progress and the specified volume may be online from HOST.	Data migration could not be started. Check the status of the volume, because the specified volume may be online, or migration copy may be in progress.	I	4
6005	8854	Delete Pair(Pairsplit-S) operation failed because M-VOL is in Simplex(SMPL) status.	The operation failed, because of one of the following reasons: 1. The specified volume is simplex. 2. There is no duplex or duplex-pending or suspend volume in the group. Verify the status, and retry the operation.	I	4
6005	8855	Delete(Pairsplit-S) operation failed because specified volume or other volume in the same group is in status transition.	The operation failed, because of one of the following reasons: 1. The specified volume or another volume in the same group are deleting. 2. The specified volume or another volume in the same group are suspending. Wait for the change in status to be completed, then retry the operation.	I	4
6005	8856	Delete Pair(Pairsplit-S) operation failed because Consistency Time of CT Group is not determined by SEQCHK.	The operation failed, because the status of the C/T Group is SEQCHK. Retry the operation with either the volume or the group option.	I	4
6005	8857	Some volumes were not deleted by the Delete Pair(Pairsplit-S) operation.	The operation failed for one or more of the volumes, because either the pair status of the volume is SEQCHK or the consistency time of the volume does not match the consistency time of the C/T group. Verify the status of the failed volumes. If necessary, retry the delete pair operation with the volume or the group option.	I	4
6005	8858	All volumes were not deleted by the Delete Pair(Pairsplit-S) operation.	The operation failed for all of the volumes, because either the pair status of the volume is SEQCHK or the consistency time of the volume does not match the consistency time of the C/T group. Verify the status of the failed volumes. If necessary, retry the Delete Pair operation with the volume or the group option.	I	4

6005	8859	Delete Pair(Pairsplit-S) operation with C/T option failed because some R-VOLs in the group are in Duplex(PAIR) or Pending(COPY) status.	Select [OK] to continue the operation without shut down of the connected SCSI host(s). Select [Cancel] if you need to terminate the operation and shut down the host(s).	I	4
6005	8860	An internal error occurred.	An internal error has occurred. Please call the Hitachi Data Systems Support Center.	E	4
6005	8861	An internal error occurred.	An internal error has occurred. Please call the Hitachi Data Systems Support Center.	E	4
6005	8862	Please wait a few minutes and retry the Delete Pair(Pairsplit-S) operation.	The delete pair (Pairsplit-S) operation failed. A few minutes later, please refresh the screen, confirm if the specified volumes are in the permissible status, and then retry the operation.	I	4
6005	8863	Unknown Error Code.	The Remote Console PC detected an unknown error code. Please call the Hitachi Data Systems Support Center.	E	4
6005	8864	An internal error occurred.	An internal error has occurred. Please call the Hitachi Data Systems Support Center.	E	4
6005	8865	An internal error occurred.	An internal error has occurred. Please call the Hitachi Data Systems Support Center.	E	4
6005	8866	An internal error occurred.	An internal error has occurred. Please call the Hitachi Data Systems Support Center.	E	4
6005	8867	An internal error occurred.	An internal error has occurred. Please call the Hitachi Data Systems Support Center.	E	4
6005	8868	Duplicate CT Group#(A CT Group has been already active in MCU).	The operation failed because a duplicate C/T Group is already active in the MCU. Verify the status of the C/T group and retry the operation.	E	4
6005	8869	CT Group is not active.	Verify that the C/T group is active in the MCU.	E	4
6005	8870	CT Group Option cannot be changed unless all asynchronous pairs in the group are suspended or deleted.	The group operation failed because the specified group has at least one asynchronous pair. Renew and check the TrueCopy screen.	I	4
6005	8871	The TrueCopy – S/390® Asynchronous function is not installed in specified MCU.	Install TrueCopy Asynchronous in the MCU and retry the operation.	I	4
6005	8872	This version does not support multi CT Groups in the MCU.	This microcode version does not support multiple C/T Groups in the MCU. Verify the status and retry the operation.	I	4
6005	8873	TrueCopy Asynchronous function is not installed in specified MCU.	Install the TrueCopy Asynchronous function in the MCU, then retry the operation.	I	4
6005	8874	Invalid Timer Type option.	Specify "Local" or "None" for the timer type on the TrueCopy panel, then retry the operation.	I	4
6005	8875	At least one asynchronous pair is active in this group.	Renew and check the TrueCopy screen.	E	4
6005	8876	There are no PCBs which corresponds to the specified port type.	Confirm the PCB type and try the operation again with a correct parameter.	I	4
6005	8877	An internal error occurred.	An internal error has occurred. Please call the Hitachi Data Systems Support Center.	E	4
6005	8878	CT Group is not active.	Verify that the C/T group is active in the MCU.	E	4
6005	8879	At least one asynchronous pair is active in this group.	Verify that there are no active asynchronous pairs in this group, and retry the operation.	I	4

6005	8880	Please wait. Retry Delete Group operation in a few minutes.	Retry the operation after the pair status has been changed to simplex.	I	4
6005	8881	An internal error occurred.	An internal error has occurred. Please call the Hitachi Data Systems Support Center.	E	4
6005	8882	Asynchronous Option (Current Pending Update Data Rate) cannot be changed, because the CT group is active.	Delete all of the TrueCopy C/T groups, then retry the operation.	I	4
6005	8883	An internal error occurred.	An internal error has occurred. Please call the Hitachi Data Systems Support Center.	E	4
6005	8884	An internal error occurred.	An internal error has occurred. Please call the Hitachi Data Systems Support Center.	E	4
6005	8885	An internal error occurred.	An internal error has occurred. Please call the Hitachi Data Systems Support Center.	E	4
6005	8886	An internal error occurred.	An internal error has occurred. Please call the Hitachi Data Systems Support Center.	E	4
6005	8887	An internal error occurred.	An internal error has occurred. Please call the Hitachi Data Systems Support Center.	E	4
6005	8888	An internal error occurred.	An internal error has occurred. Please call the Hitachi Data Systems Support Center.	E	4
6005	8889	The specified port is not equipped.	Refresh the screen, and retry. If nothing changes, call the Hitachi Data Systems Support Center.	E	4
6005	8890	The specified port is being initialized.	Please wait until the initialization of the port ends, and retry the operation.	E	4
6005	8891	Logical paths exist on the MCU port.	Please delete the logical paths on the specified port and retry the operation.	E	4
6005	8892	R-VOLs exist on the RCU port. Are you sure you want to continue this operation?	If you want to continue this operation, select [Yes] . If not, select [No].	W	4
6005	8893	An internal error occurred.	An internal error has occurred. Please call the Hitachi Data Systems Support Center.	E	4
6005	8894	Pending background data exists on the MCU.	Please stop the jobs from the host and retry the operation.	E	4
6005	8895	Pending background data exists on the RCU.	Please stop the jobs from the host and retry the operation.	E	4
6005	8896	Parameter error has occurred.	Refresh the screen, and retry. If nothing changes, call the Hitachi Data Systems Support Center.	E	4
6005	8897	LUs exist on the port.	Please delete the LUs defined on the port and retry the operation.	E	4
6005	8898	Pending data exists on the port.	Add another path, or delete all pairs on the RCU. Then retry the operation.	I	4
6005	8899	An internal error occurred.	An internal error has occurred. Please call the Hitachi Data Systems Support Center.	E	4
6005	8900	An error occurred during the port change.	Please call the Hitachi Data Systems Support Center.	E	4
6005	8901	An error occurred during the port change.	Please call the Hitachi Data Systems Support Center.	E	4

6005	8902	An error occurred during the port change.	Please call the Hitachi Data Systems Support Center.	E	4
6005	8903	Unknown Error Code.	The Remote Console PC detected an unknown error code. Please call the Hitachi Data Systems Support Center.	E	4
6005	8904	The Remote Copy Function Switch bit No. 5 in MCU is on, although the difference management areas in MCU are full.	Check the difference management instruction for other pair in MCU, and decide which instruction the target pair chooses. After that, perform the following. -When creating the target pair by the track, create after recreating the other pair by the cylinder. -When creating the target pair by the cylinder, create by performing the difference management instruction in cylinder, or turning off the bit #5 of the switch for MCU remote copy function.	E	5
6005	8905	The extended SM is not equipped in MCU.	Install SM to MCU with the installation instruction of SM for remote copy extension (Install TrueCopy Function).	E	5
6005	8906	The Remote Copy Function Switch bit No. 5 in MCU is on, although the difference management areas in RCU are full.	Check the difference management instruction for other pair in RCU, and decide which instruction the target pair chooses. After that, perform the following. -When creating the target pair by the track, create after recreating the other pair by the cylinder. -When creating the target pair by the cylinder, create by performing the difference management instruction in cylinder, or turning off the bit #5 of the switch for MCU remote copy function.	E	5
6005	8907	The extended SM is not equipped in RCU.	Install SM to RCU with the installation instruction of SM for remote copy extension (Install TrueCopy Function).	E	5
6005	8908	Invalid parameter.	Please check the value of the specified parameter and retry.	I	4
6005	8909	A Port exchange error occurred.	The Remote Console PC detected a port exchange error. Please contact the Hitachi Data Systems Support Center.	E	4
6005	8910	A Port exchange error occurred.	The Remote Console PC detected a port exchange error. Please contact the Hitachi Data Systems Support Center.	E	4
6005	8911	Logical paths exist on the port.	The Remote Console PC detected a logical path (S/390®) on the port. Please delete the path(s) and retry the operation.	I	4
6005	8912	Logical paths exist on the port.	The Remote Console PC detected a logical path (S/390®) on the port. Please delete the path(s) and retry the operation.	I	4
6005	8913	Invalid port type.	Please check the port status and retry.	W	4
6005	8914	Multi platform feature already installed in subsystem.	The multiplatform feature has already been installed in the subsystem. Please verify the configuration of the subsystem.	I	4
6005	8915	The port type exchange operation is rejected because the host(s) is(are) processing the port type exchange.	Check the port status, and retry the operation once the port type has been exchanged.	E	4
6005	8917	Too many pairs in this CTG.	Register a new CT group, and register the ASYNC pair.	W	0

6007	6012	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the service personnel.	E	2
6010	5010	The Priority value is invalid. Specify the correct value.	Correct the specified contents, and retry.	W	5
6010	5011	The Range value is invalid. Specify the correct value.	Correct the specified contents, and retry.	W	5
6010	5012	The Error Level value is invalid. Specify the correct value.	Correct the specified contents, and retry.	W	5
6010	5013	The Fence value is invalid. Specify the correct value.	Correct the specified contents, and retry.	W	5
6010	5014	The Force value is invalid. Specify the correct value.	Correct the specified contents, and retry.	W	5
6010	5015	The R-VOL Write value is invalid. Specify the correct value.	Correct the specified contents, and retry.	W	5
6010	5016	The Split-r/Suspend kind value is invalid. Specify the correct value.	Correct the specified contents, and retry.	W	5
6010	5017	The Update value is invalid. Specify the correct value.	Correct the specified contents, and retry.	W	5
6010	5030	The displayed information has not been changed.	Specify what you register, and retry.	W	0
6010	5034	There are no RCUs in the CU. Please try again after registering RCUs.	Correct the specified contents, and retry.	W	5
6010	5035	There are no CT groups for the asynchronous Remote Copy. Please try again after registering CT groups.	Register a CT group, and retry.	W	5
6010	5066	The RCU and one of the CT group channel types do not match. Please correct RCU or CT group.	Select the same path type for RCU and CT group.	W	5
6010	5131	The combination of parameters which you specified is not permitted. Please specify the parameters by a different combination.	Check the condition for setting parameter, and reexecute the setting.	I	5
6010	5137	The Operation value is invalid. Specify the correct value.	Check the contents, and retry.	W	0
6010	5138	The Rate value is invalid. Specify the correct value from 1 to 546.	Check the contents, and retry.	W	0
6010	5139	The Script File Name value is invalid. Specify the correct value.	Check the contents, and retry.	W	0
6010	7060	An error occurred in the Client logic.	Call the service personnel.	E	2
6010	7301	An error occurred in the Client logic.	Call the service personnel.	E	2
6010	7302	An error occurred in the Client logic.	Call the service personnel.	E	2
6010	7303	An error occurred in the Client logic.	Call the service personnel.	E	2
6010	8101	The system cannot apply the new configuration. Do you want to refresh?	Press the Refresh button, and retry.	W	5
6010	9003	Snapshot has failed.	If nothing changes despite retrying, call the service personnel.	W	0
6010	9004	Snapshot is done.	Normal end.	I	0
6010	9006	Exchange the channel cable connections after your confirmation of the port type.	The same as the message.	W	5
6010	9007	Please confirm the specified R-VOLs are varied off-line.	The same as the message.	W	0
6010	9008	SIMs of Remote Copy are cleared.	Normal end.	I	0

6010	9021	The Port Setting process has not completed. Do you want to continue for other ports?	To continue the process, select OK. After the process, reexecute the setting for the port which is not in operation.	W	5
6010	9022	WARNING: Initial copy mode 'None' is selected for some volume pairs. Are you sure that the M-VOL and the R-VOL of these pairs are already synchronized?	Check the contents of the main and remote volumes. If the contents match, select OK. If not, select Cancel.	W	0
6010	9023	Are you sure you want to output pair status into a snapshot file? (Warning: Snapshot file will be overwritten.)	If you reexecute snapshot by overwriting the existing snapshot, select OK. If you need to migrate the existing snapshot, select Cancel. And retry after the migration.	W	0
6010	9024	Are you sure you want to exchange the specified ports? Please confirm the concerned channel paths are off-line.	The same as the message.	W	5
6010	9025	Are you sure you want to exchange the specified ports? The concerned paths should be deleted before the operation.	The same as the message.	W	5
6010	9070	Are you sure you want to delete the specified RCUs?	If you want to delete the specified RCU, select OK. If not, select Cancel.	I	0
6010	9071	Are you sure you want to delete the paths of a specified RCU?	If you want to delete the specified path, select OK. If not, select Cancel.	I	0
6010	9072	Are you sure you want to delete the specified volume pairs?	If you want to delete the specified pair, select OK. If not, select Cancel.	I	0
6010	9073	Are you sure you want to suspend the specified volume pairs?	If you want to suspend the specified pair, select OK. If not, select Cancel.	I	0
6010	9074	Are you sure you want to erase data on the R-VOL?	If you want to delete the contents of the remote volume, select OK. If not, select Cancel.	I	0
6010	9075	Are you sure you want to delete the SSIDs of a specified RCU?	If you want to delete the specified SSID, select OK. If not, select Cancel.	I	0
6010	9076	Are you sure you want to delete the specified CT groups?	If you want to delete the specified CT group, select OK. If not, select Cancel.	I	0
6010	9100	Do you want to exit?	If you want to exit the screen, select OK. If not, select Cancel.	I	0
6010	9101	Do you want to cancel?	To cancel, press the OK button.	I	0
6010	9102	Do you want to apply?	To execute the operation in Preset, press the OK button.	I	0
6010	9103	Do you want to change?	Not used.	I	0
6010	9104	Do you want to change the mode?	If you want to switch the mode, select OK. If not, select Cancel.	I	0
6010	9105	The value has been changed: but the server cannot reflect the value. Do you want to exit?	If you want to exit the screen by destroying the setting data, select OK. If not, select Cancel.	I	0
6010	9106	The value has been changed: but the server cannot reflect the value. Do you want to change the mode?	If you want to switch the View mode by destroying the setting data, select OK. If not, select Cancel.	I	0
6010	9107	The value has been changed: but the server cannot apply the value. Do you want to continue?	If you want to refresh the screen by destroying the setting data, select OK. If not, select Cancel.	I	0
6010	9111	Do you want to omit?	If you want to destroy the setting data, select OK. If not, select Cancel.	W	0

6010	9112	Do you want to continue this operation?	If you want to continue the current operation, select OK. If not, select Cancel.	I	0
6010	9113	Are you sure you want to clear SIMs of Remote Copy.	If you want to clear the remote copy related SIM, select OK. If not, select Cancel.	W	0
6010	9114	The value has been changed. Do you want to continue the operation?	If you want to continue the process, select OK. If not, select Cancel.	I	0
6010	9154	As the result of this operation, you will not be able to re-start ERASE R-VOL operation. To delete the pair forcibly, please try again with 'Force' option.	The same as the message.	W	0
6010	9300	WARNING: Destination volume of specified volume pair may contain some inconsistency, because volume copy is not completed yet. Full volume initialization is required before re-using it.	The same as the message.	W	0
6010	9301	WARNING: Through this operation, M-VOL status will be changed to SMPL status forcibly, but R-VOL status will not be changed. If you do this operation, please change the R-VOL status to SMPL later.	The same as the message.	W	0
6010	9302	There are no RCP ports.	Set the port to RCP before registering RCU.	W	0
6010	9303	There are no valid volumes.	There is no valid volume. Check the device emulation and the definition of the SCSI path (for TrueCopy).	W	0
6010	9304	WARNING: ""Group" "or ""C/T"" is specified for Delete Range. Confirm all pairs in the group are synchronized. If some volumes are not synchronized, full volume initializations are required before re-using them.	The same as the message.	W	0
6010	9305	There are no initiator ports.	Set the port to Initiator before registering RCU.	W	0
6010	9306	The Remote Copy function is not installed in this controller. You cannot create pairs.	There is no remote copy license. Set the license.	W	0
6010	9307	You specified the same volumes more than once. The duplicate occurrences were excluded.	Since the same volume where multiple paths are defined was selected, the overlapped one was eliminated. Press the OK button and continue.	W	0
6010	9308	You set same path more than once. The same paths are excluded.	Since there were overlapped paths in the added paths, the overlapped ones were eliminated. Press the OK button and continue.	W	0
6010	9309	All paths which you set have already been registered. This operation will finish forcibly because there is no paths which can be added.	Since all the added paths are overlapped, the operation of adding paths cannot be executed. Press the OK button and continue.	W	0
6010	9310	You set the same SSID more than once. The duplicate SSIDs are excluded.	Since there were overlapped SSIDs in the added SSIDs, the overlapped ones were eliminated. Press the OK button, and continue.	W	0
6010	9311	All SSIDs which you set have already been registered. This operation will finish forcibly because there is no SSID which can be added.	Since all the added SSIDs are overlapped, the operation of adding SSIDs cannot be executed. Press the OK button, and continue.	W	0
6010	9316	Through this operation, M-VOL status will be changed to Simplex mode even if the M-VOL is online to the host.	The same as the message.	W	0

6010	9317	The destination volume of the specified volume pair may contain some inconsistency because volume copy is not completed yet. Full volume initialization is required before re-using it.	The same as the message.	W	0
6010	9318	As the result of this operation, you will not be able to re-start ERASE R-VOL operation.	If you want to delete a pair, even though you cannot reexecute the P-VOL deletion, select OK. If not, select Cancel.	W	0
7005	5013	An error occurred. If this problem persists please call Support Center.		E	2
7005	5099	An error occurred. If this problem persists, please call the Support Center.	You are trying to set paths to un-installed volume/volume other than the top of an expanded LU/Reserve volume of CruiseControl. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
7005	6012	An error occurred. If this problem persists please call Support Center.		E	2
7005	6023	An error occurred. If this problem persists please call Support Center.		E	2
7005	8000	A time-out error occurred.	Retry the operation. If you get the same message again, reboot the PC. If necessary, please call the Hitachi Data Systems Support Center.	E	4
7005	8001	A time-out error occurred.	Retry the operation. If you get the same message again, reboot the PC. If necessary, please call the Hitachi Data Systems Support Center.	E	4
7005	8100	A time-out error occurred.	Retry the operation. If you get the same message again, reboot the PC. If necessary, please call the Hitachi Data Systems Support Center.	E	4
7005	8525	Internal logical error.	Contact Hitachi Data Systems Support Center.	I	0
7007	6012	An error occurred. If this problem persists, please call the Support Center.		E	2
7007	7111	An error occurred. If this problem persists, please call the Support Center.		E	2
7010	5115	The volume of S-VOL is different from specified P-VOL.	Check the capacity of P-VOL and S-VOL. Specify a volume with the same capacity, and retry the operation.	W	0
7010	5116	You cannot create another L1 pair, because the number of L1 pairs exceeds the maximum.	You cannot create L1 pair for the specified P-VOL. Delete the created L1 pair, and retry the operation.	W	0
7010	5117	No MU number is available.	You cannot create the specified pair. Check the possible number of pairs to be created.	W	0
7010	5118	The MU number is not selected.	Select MU number.	W	0
7010	5119	No P-VOL is selected.	Select P-VOL, and operate.	W	0
7010	5120	No S-VOL is selected.	Select S-VOL, and operate.	W	0

7010	5121	The data has been changed. If you select another tab (page), the settings will be discarded. Are you sure you want to change the pages?	Apply the data in the Preset Volume List. To stop the transaction, press OK and continue the operation.	W	0
7010	5122	No data has been changed.	Go on to the next operation.	W	0
7010	5123	The password is invalid.	Check the password.	W	0
7010	5124	You cannot select more than one operation at a time.	Multiple volumes cannot be processed in the operation. Process one volume at a time.	W	0
7010	5125	No target volume is selected.	Select the target volume.	W	0
7010	5126	You cannot create another L2 pair, because the number of L2 pairs exceeds the maximum.	You cannot create L2 pair for the specified P-VOL. Delete the created L2 pair, and retry the operation.	W	0
7010	5127	The specified MU number is invalid. Select another MU number.	Select the other MU number.	I	0
7010	6502	Currently processing. Wait a few minutes and then retry the operation.	Wait for a while, and retry the operation.	I	0
7010	6503	The target volume status is being changed to SMPL.	Wait for a while, and retry the operation.	I	0
7010	6504	The number of L1 pairs exceeds the maximum.	You cannot create L1 pair for the specified P-VOL. Delete the created L1 pair, and retry the operation.	I	0
7010	6505	The number of L2 pairs exceeds the maximum.	You cannot create L2 pair for the specified P-VOL. Delete the created L2 pair, and retry the operation.	I	0
7010	7310	Unregistered error code.	Contact Hitachi Data Systems Support Center.	W	0
7010	7311	The settings could not be applied.	Wait for a while, and retry the operation. If the same error occurs despite retrying, contact Hitachi Data Systems Support Center.	W	0
7010	7312	The password could not be acquired.	Contact Hitachi Data Systems Support Center.	W	0
7010	7313	The details on the error could not be acquired.	Contact Hitachi Data Systems Support Center.	W	0
7010	8001	A time-out error occurred.	Retry the operation. If you get the same message again, reboot the PC. If necessary, please call the Hitachi Data Systems Support Center.	E	4
7010	8500	The program product is not installed.	Check if the necessary key for the program product is installed.	I	0
7010	8501	The command was rejected, because a status transition was in progress.	Wait for a while, and retry the operation.	I	0
7010	8502	You cannot reserve the volume, because a remote copy pair exists in the same subsystem frame.	Delete the Remote Copy pair.	I	0
7010	8503	You cannot create the new pair, because a remote copy pair exists in the same subsystem frame.	Delete the Remote Copy pair.	I	0
7010	8504	The command was rejected.	You cannot execute the operation with the current pair status. Check the pair status.	I	0
7010	8505	The requested command is invalid.	Contact Hitachi Data Systems Support Center.	I	0
7010	8506	The command was rejected. The specified S-VOL is being used from the host or by a TrueCopy volume.	Change the specified S-VOL to other volume, or stop using the S-VOL in the host or TrueCopy, and then retry the operation.	I	0

7010	8507	The Pairsplit command was issued to the pairs in a PSUS status.	You cannot execute the Pairsplit command because the pair is already in the PSUS status.	1	0
7010	8508	The Paircreate command was issued to the pairs in a PSUS status.	You cannot execute the Pairsplit command because the pair is already in the PSUS status.	1	0
7010	8509	The Split command with the QUIESCE specification was issued to a secondary boot device.		1	0
7010	8510	The M-VOL Suspend command was issued to a secondary boot device.		1	0
7010	8511	You cannot reserve the volume, because a path group is set.	Detach the S-VOL from the host, or delete the TrueCopy path.	1	0
7010	8512	You cannot perform the Resync or Suspend operation, because a path group is set.	Detach the S-VOL from the host, or delete the TrueCopy path.	1	0
7010	8513	The command was rejected. The specified P-VOL is being used from the host or by Remote Copy.	Change the specified P-VOL to other volume, or stop using the P-VOL in the host or TrueCopy, and then retry the operation.	1	0
7010	8514	No reserved volume can be allocated.	Delete the Reserve volume.	1	0
7010	8515	The number of cylinders in the reserved volume exceeds the maximum.		1	0
7010	8516	The number of P-VOL cylinders exceeds the maximum.		1	0
7010	8517	The number of S-VOL cylinders exceeds the maximum.		1	0
7010	8518	You cannot create a pair, because the track format is different for each. Make sure that the specified emulation type is the same for both.	Check the emulation type.	1	0
7010	8519	You cannot set a pair because the number of cylinders is different for each. Make sure that the capacity is the same for both.	Check the volume capacity.	1	0
7010	8520	You cannot set a pair, because the volume type is different for each.	Specify the volume of the same emulation type, and retry the operation.	1	0
7010	8521	The number of multiple copy jobs exceeded the maximum.		1	0
7010	8522	The emulation type of the P-VOL is not supported.	Specify the emulation type supported in ShadowImage.	1	0
7010	8523	The emulation type of S-VOL is not supported.	Specify the emulation type supported in ShadowImage.	1	0
7010	8524	The emulation type is not supported.	Specify the emulation type supported in ShadowImage.	1	0
7010	8525	Internal logical error.	Contact Hitachi Data Systems Support Center.	1	0
7010	8526	Internal logical error.	Contact Hitachi Data Systems Support Center.	1	0
7010	8527	Internal logical error.	Contact Hitachi Data Systems Support Center.	1	0
7010	8528	Internal logical error.	Contact Hitachi Data Systems Support Center.	1	0
7010	8529	Internal logical error.	Contact Hitachi Data Systems Support Center.	1	0
7010	8530	Internal logical error.	Contact Hitachi Data Systems Support Center.	1	0

7010	8531	Internal logical error.	Contact Hitachi Data Systems Support Center.	l	0
7010	8532	The P-VOL and S-VOL are being used from the host or by Remote Copy.	Check the target volume, or stop using it in Remote copy.	l	0
7010	8533	The emulation type of the specified reserved volume is not supported.	Specify the volume of the supported emulation type.	l	0
7010	8534	An internal logical contradiction occurred.	Contact Hitachi Data Systems Support Center.	l	0
7010	8535	A processor failure was detected.	Contact Hitachi Data Systems Support Center.	l	0
7010	8536	A cache failure was detected.	Contact Hitachi Data Systems Support Center.	l	0
7010	8537	The cache capacities do not match.	Contact Hitachi Data Systems Support Center.	l	0
7010	8538	An SM failure was detected.	Contact Hitachi Data Systems Support Center.	l	0
7010	8539	There is insufficient shared memory to create 4096 pairs.	There is insufficient shared memory in DKC. Contact Hitachi Data Systems Support Center.	l	0
7010	8540	There is sufficient shared memory to create 4096 pairs, but initial subsystem setup is required before creating pairs.	Contact Hitachi Data Systems Support Center.	l	0
7010	8541	There is sufficient shared memory to create 4096 pairs, and the initial subsystem setup is complete.		l	0
7010	8542	Failed to complete the initial shared memory setup.	Contact Hitachi Data Systems Support Center.	l	0
7010	8543	The shared memory size is different.	Contact Hitachi Data Systems Support Center.	l	0
7010	8544	16 Mbytes of shared memory are available.		l	0
7010	8545	A power supply failure is detected.	Contact Hitachi Data Systems Support Center.	l	0
7010	8546	The command was rejected. The PS OFF is in progress.	Retry the operation with power ON.	l	0
7010	8547	A data transfer failure is detected (CHA).	Contact Hitachi Data Systems Support Center.	l	0
7010	8548	A data transfer failure is detected (DKA).	Contact Hitachi Data Systems Support Center.	l	0
7010	8549	The P-VOL is not implemented.	You cannot execute the operation for the volume which is not implemented.	l	0
7010	8550	The P-VOL cannot be used.	Contact Hitachi Data Systems Support Center, and check if the volume status is normal.	l	0
7010	8551	The P-VOL is being formatted.	Wait until the volume is formatted, and retry the operation.	l	0
7010	8552	The P-VOL is a command device.	Check the target volume.	l	0
7010	8553	The S-VOL is not implemented.	You cannot execute the operation for the volume which is not implemented.	l	0
7010	8554	The S-VOL cannot be used.	Contact Hitachi Data Systems Support Center, and check if the volume status is normal.	l	0
7010	8555	The S-VOL is being formatted.	Wait until the volume is formatted, and retry the operation.	l	0
7010	8556	The S-VOL is a command device.	Check the target volume.	l	0
7010	8557	The volume is not implemented.	You cannot execute the operation for the volume which is not implemented.	l	0

7010	8558	The volume cannot be used.	Contact Hitachi Data Systems Support Center, and check if the volume status is normal.	l	0
7010	8559	The volume is being formatted.	Wait until the volume is formatted, and retry the operation.	l	0
7010	8560	The volume is command device.	Check the target volume.	l	0
7010	8561	The command code is invalid.		l	0
7010	8562	The command code sender is invalid.		l	0
7010	8563	The volume type is invalid.		l	0
7010	8564	The volume type is invalid.		l	0
7010	8565	The command code sender is invalid.		l	0
7010	8566	The attribute of the reserved volume is invalid.		l	0
7010	8567	The number of effective lists is invalid.		l	0
7010	8568	The emulation type is invalid.	Specify the volume of the supported emulation type.	l	0
7010	8569	The number of multiple jobs exceeded the maximum.	Contact Hitachi Data Systems Support Center.	l	0
7010	8570	The selected volume does not exist.	Refresh the screen, and retry the operation.	l	0
7010	8571	The volume is already defined as a reserved volume.		l	0
7010	8572	The volume is already defined as a P-VOL.		l	0
7010	8573	The volume is defined as a source volume for hierarchical control.	Check the corresponding condition.	l	0
7010	8574	The volume is defined as a destination volume for hierarchical control.	Check the corresponding condition.	l	0
7010	8575	The selected volume is not a reserved volume.		l	0
7010	8576	No reserved volume is available for use.		l	0
7010	8577	The number of reserved volumes to be defined exceeds the maximum.	Stop the operation of the Reserve volume setting, or delete the Reserve volume.	l	0
7010	8578	The P-VOL is already paired with a backup volume. The P-VOL cannot be paired with the target volume.		l	0
7010	8579	No volume is defined as a reserved volume.	Define the reserve volume, and then retry the operation.	l	0
7010	8580	The specified volume is for backup servers only.	You cannot use the volume. Specify other volume, and retry the operation.	l	0
7010	8581	The specified volume is not for backup servers only.		l	0
7010	8582	The emulation type of the target volume is being changed.	Wait for a while, and retry the operation.	l	0
7010	8583	The RAID level of the specified volume is not supported.	Specify a volume of the supported RAID level.	l	0
7010	8584	No volume is defined as a reserved volume.		l	0
7010	8585	The number of reserved volumes exceeds the maximum.	Stop the operation of the Reserve volume setting, or delete the Reserve volume.	l	0

7010	8586	The number of groups that can be set in the same subsystem is invalid.			0
7010	8587	The number of pairs that can be set in the same group is invalid.			0
7010	8588	The specified group number is not set.			0
7010	8589	The specified group name is invalid.			0
7010	8590	The group name and the number do not match.			0
7010	8591	The specified pair is already set in another group.			0
7010	8592	The command was rejected, because the licensed capacity was exceeded.	Check the capacity of the installed license key. If you need to create more pairs, purchase a license key for larger capacity.		0
7010	8593	The P-VOL is a source volume for hierarchical control.	Check the corresponding condition.		0
7010	8594	The P-VOL is a destination volume for hierarchical control.	Check the corresponding condition.		0
7010	8595	The specified P-VOL does not exist.	Refresh, and then retry the operation.		0
7010	8596	The specified volume is a reserved volume.			0
7010	8597	No more pairs can be created for the specified P-VOL.	You cannot create pairs for the P-VOL anymore. Delete the existing pairs.		0
7010	8598	The specified volume is not a P-VOL.			0
7010	8599	The specified volume is already a P-VOL.	Specify other P-VOL, and retry the operation. Or delete the pair of the specified volume, and then retry the operation.		0
7010	8600	The RAID level of the specified volume is not supported.	Check the RAID level, and specify a volume of the supported RAID level, and then retry the operation.		0
7010	8601	The target P-VOL cannot be paired with a backup server volume.			0
7010	8602	The volume is already a reserved volume.	Specify other P-VOL, and retry the operation. Or release the Reserve attribute of the specified volume, and then retry.		0
7010	8603	The target volume is set as a primary volume for online data migration.			0
7010	8604	The target volume is set as a secondary volume for online data migration.			0
7010	8605	The Resync command was issued to a device in the SMPL status.	Check the pair status.		0
7010	8606	A new pair was created with an S-VOL forming the Hitachi TrueCopy cooperation pattern.	Check the volume number for the pair creation, or delete the Remote Copy pair.		0
7010	8607	A pair status cannot be changed to form the Hitachi TrueCopy cooperation pattern.	Place the TC390 pair which uses the SI390 T-VOL as an S-VOL in the PSUE or SMPL status.		0
7010	8608	The specified volume is an S-VOL.	Refresh the screen, and retry the operation.		0
7010	8609	The specified volume is not set as a reserved volume.			0
7010	8610	The S-VOL is a source volume for hierarchical control.	Check the corresponding condition.		0

7010	8611	The specified volume is an S-VOL.			0
7010	8612	The specified volume is not an S-VOL.			0
7010	8613	The RAID level of the specified S-VOL is not supported.	Specify the volume number of the supported RAID level.		0
7010	8614	The S-VOL is used as a Remote Copy P-VOL.	Delete the TrueCopy pair.		0
7010	8615	The S-VOL is used as a Remote Copy S-VOL.	Delete the TrueCopy pair.		0
7010	8616	The S-VOL is used as a primary volume for online data migration.			0
7010	8617	The target S-VOL is used as a secondary volume for online data migration.			0
7010	8618	The S-VOL is defined as a P-VOL.	Check the volume number.		0
7010	8619	The target S-VOL is defined as a destination volume for hierarchical control.	Check the corresponding condition.		0
7010	8620	The volume specified as a reserved volume is already defined as a primary volume for online data migration.			0
7010	8621	The volume specified as a reserved volume is already defined as a secondary volume for online data migration.			0
7010	8622	The volume specified as a reserved volume is already defined as a Remote Copy M-VOL.	Delete the TrueCopy pair.		0
7010	8623	The reserved volume is defined as a Remote Copy R-VOL.	Delete the TrueCopy pair.		0
7010	8624	The selected volume is not paired.	Check the specified volume number.		0
7010	8625	The P-VOL(S-VOL) and S-VOL(T-VOL) have the same number.	Check the specified volume number.		0
7010	8626	The SMPL command was rejected, because the high-speed Split was in progress.	After the high-speed Split is completed, retry the operation.		0
7010	8627	The Reverse Resync command was rejected, because the high-speed Split was in progress.	After the high-speed Split is completed, retry the operation.		0
7010	8628	L1 pair Resync instruction cannot be given because L2 pair is SP-Pend status.	After changing the status of L2 pair to PSUS, execute the Resync command of L1 pair.		0
7010	8629	The status mode specification is invalid.			0
7010	8630	The status mode type is invalid.			0
7010	8631	The specified CU number is invalid.			0
7010	8632	The timing of issuing the command is invalid.	Contact Hitachi Data Systems Support Center.		0
7010	8633	The abnormal status is invalid.	Contact Hitachi Data Systems Support Center.		0
7010	8634	The volume specified as a reserved volume is already defined as a reserved volume for hierarchical control.	Change the volume number in order to specify the Reserve volume.		0
7010	8635	The specified P-VOL is defined as a reserved volume for hierarchical control .	Change the volume number in order to specify the Reserve volume.		0
7010	8636	The specified S-VOL is defined as a reserved volume for hierarchical control .	Change the volume number in order to specify the Reserve volume.		0

7010	8637	The specified P-VOL is used as a destination volume for hierarchical control.	Change the volume number in order to specify the Reserve volume.	I	0
7010	8638	The command was rejected, because the target P-VOL has the settings of FlashAccess.	You cannot execute the specified operation. Release the FlashAccess setting for the operation.	I	0
7010	8639	The command was rejected, because the target S-VOL has the settings of FlashAccess.	You cannot execute the specified operation. Release the FlashAccess setting for the operation.	I	0
7010	8640	The command was rejected, because a pair sharing the same P-VOL was in the Reverse Copy status.	You cannot execute the specified operation. Release the Reverse Copy for the operation.	I	0
7010	8641	The L1 pairs contain a pair in the Reverse Copy status.	You cannot execute the specified operation. Release the Reverse Copy for the operation.	I	0
7010	8642	The L2 pairs contain a pair in the Reverse Copy status.	You cannot execute the specified operation. Release the Reverse Copy for the operation.	I	0
7010	8643	The request was rejected, because the Reverse Copy request was made to a pair in the non-Split status.	You cannot execute the specified operation. Release the Reverse Copy for the operation.	I	0
7010	8644	The request was rejected, because the pair is not in the Split/Suspend status.	Check the pair status.	I	0
7010	8645	The Reverse Copy request was rejected, because the P-VOL was shared with a secondary volume of a Remote Copy pair.	You cannot execute the specified operation. Release the Remote Copy pair for the operation.	I	0
7010	8646	The Reverse Copy request was rejected, because the P-VOL was shared with a Remote Copy pair in the non-suspend status.	Delete the Remote Copy pair.	I	0
7010	8647	The Reverse Copy request was rejected, because the S-VOL was shared by a Remote Copy pair.	Delete the Remote Copy pair.	I	0
7010	8648	The boot device and the P-VOL do not match in the Paircreate command.	Check the specified volume number.	I	0
7010	8649	Because the boot device is the S-VOL in the Pairsplit-S command, the flag does not match.	Check the specified volume number.	I	0
7010	8650	The boot device and the P-VOL do not match in the Paircreate, Resync, or Pairsplit-S command.	Check the target volume number.	I	0
7010	8651	The SSID is invalid.		I	0
7010	8652	The boot device is not a P-VOL nor S-VOL.	Check the target volume number.	I	0
7010	8653	Because the boot device is the P-VOL in the Pairsplit-S command, the flag does not match.	Check the target volume number.	I	0
7010	8654	Boot device and S-VOL do not match in Paircreate, Resync, or Pairsplit-S instructions.	Check the target volume number.	I	0
7010	8655	An invalid secondary SSID is specified for the Paircreate or Resync command.		I	0
7010	8656	An invalid secondary SSID is specified for the DeletePair or Split command.		I	0
7010	8657	The Swap&Freeze option cannot be specified, because the mode is invalid.	Check the setting you specified in Option tab.	I	0
7010	8658	Some settings could not be applied normally. Refer to the error code.	Check the error code in Preset volume list.	E	0

7010	8659	There is no Fibre-Channel port.		E	5
7010	8920	Because a L1 pair is not PSUS, you cannot operate to L2.	Wait until L1 pair becomes PSUS status, and execute the operation to L2 pair.	I	0
7010	9002	Normal end.	The operation was ended normally. Execute the next operation.	I	0
7010	9005	An error occurred. Check the error code.	An error occurred during the indicated operation. Refer to the error code for each operation in Preset Volume List.	I	0
7010	9101	Do you want to cancel?	To cancel, press the OK button.	I	0
7010	9102	Do you want to apply?	To execute the operation in Preset, press the OK button.	I	0
7010	9108	The option has been changed. If you continue processing before applying the change, the option will be reset to the current setting. Do you want to continue processing?		W	0
7010	9109	Do you want to execute the Set Over operation?		W	2
7010	9110	Do you want to execute the Initialize operation?	To execute the Initialize transaction, press the OK button. (Inserted only in M.M)	W	2
7105	5099	An error occurred. If this problem persists, please call the Support Center.	You are trying to set SubSystem ID without Virtual LVI/LUN operation. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
7110	5115	The T-VOL size differs from the specified source volume size.	Check the capacity of S-VOL and T-VOL. Specify a volume with the same capacity, and retry the operation.	W	0
7110	5116	You cannot create another pair, because the number of pairs exceeds the maximum.	You cannot create the specified pair. Delete the created pair, and then retry the operation.	W	0
7110	5119	The S-VOL is not selected	Select the S-VOL, and retry the operation.	W	0
7110	5120	The T-VOL is not selected.	Select the T-VOL, and retry the operation.	W	0
7110	5121	The data has been changed. If you select another tab (page), the settings will be discarded. Are you sure you want to change the pages?	Apply the data in the Preset Volume List. To stop the transaction, press the OK button and continue the operation.	W	0
7110	5122	No data has been changed.	Go on to the next operation.	W	0
7110	5123	The password is invalid.	Check the password.	W	0
7110	5124	You cannot select more than one operation at a time.	Multiple volumes cannot be processed in the operation. Process one volume at a time.	W	0
7110	5125	No target volume is selected.	Select the target volume.	W	0
7110	6502	Currently processing. Wait a few minutes and then retry the operation.	Wait for a while, and retry the operation.	I	0
7110	6503	The volume status is being changed to simplex.	Wait for a while, and retry the operation.	I	0
7110	6504	The number of pairs exceeds the maximum.	You cannot create a pair for the specified S-VOL. Delete the created pair, and retry the operation.	I	0
7110	7310	Unregistered error code.	Contact Hitachi Data Systems Support Center.	W	0

7110	7311	The settings could not be applied.	Wait for a while, and retry the operation. If the same error occurs despite retrying, contact Hitachi Data Systems Support Center.	W	0
7110	7312	The password could not be acquired.	Contact Hitachi Data Systems Support Center.	W	0
7110	7313	The details on the error could not be acquired.	Contact Hitachi Data Systems Support Center.	W	0
7110	8001	A time-out error occurred.	Retry the operation. If you get the same message again, reboot the PC. If necessary, please call the Hitachi Data Systems Support Center.	E	4
7110	8500	The program product is not installed.	Check if the necessary key for the program product is installed.	I	0
7110	8501	The command was rejected, because a status transition was in progress.	Wait for a while, and retry the operation.	I	0
7110	8502	You cannot reserve the volume, because a remote copy pair exists in the same subsystem frame.	Delete the Remote Copy pair.	I	0
7110	8503	You cannot create the new pair, because a remote copy pair exists in the same subsystem frame.	Delete the Remote Copy pair.	I	0
7110	8504	The command was rejected.	You cannot execute the operation with the current pair status. Check the pair status.	I	0
7110	8505	The requested command is invalid.	Contact Hitachi Data Systems Support Center.	I	0
7110	8506	The command was rejected. The specified T-VOL is being used from the host or by a Hitachi TrueCopy-S/390® volume.		I	0
7110	8507	The Pairsplit command was issued to the pairs in the split status.	You cannot execute the Pairsplit operation because the pair is already in the Split status.	I	0
7110	8508	The AddPair command was issued to the pairs in the Split status.	You cannot execute the AddPair operation to the pairs in the Split status.	I	0
7110	8509	The Split command with the QUIESCE specification was issued to a secondary boot device.		I	0
7110	8510	The M-VOL Suspend command was issued to a secondary boot device.		I	0
7110	8511	You cannot reserve the volume, because a path group is set.	Detach the S-VOL from the host, or delete the TrueCopy path.	I	0
7110	8512	You cannot perform the Resync or Suspend operation, because a path group is set.	Detach the S-VOL from the host, or delete the TrueCopy path.	I	0
7110	8513	The command was rejected. The specified source volume is being used from the host or by Remote Copy.	Change the specified S-VOL to other volume, or stop using the S-VOL in the host or TrueCopy, and then retry the operation.	I	0
7110	8514	No reserved volume can be allocated.	Delete the Reserve volume.	I	0
7110	8515	The number of cylinders in the reserved volume exceeds the maximum.		I	0
7110	8516	The number of S-VOL cylinders exceeds the maximum.		I	0
7110	8517	The number of T-VOL cylinders exceeds the maximum.		I	0

7110	8518	You cannot create a pair, because the track format is different for each. Make sure that the specified emulation type is the same for both.	Check the emulation type.	1	0
7110	8519	You cannot set a pair because the number of cylinders is different for each. Make sure that the capacity is the same for both.	Check the volume capacity.	1	0
7110	8520	You cannot set a pair, because the volume type is different for each.	Specify the volume with the same emulation type, and retry the operation.	1	0
7110	8521	The number of multiple copy jobs exceeded the maximum.		1	0
7110	8522	The emulation type of the S-VOL is not supported.	Specify the emulation type supported in ShadowImage.	1	0
7110	8523	The emulation type of T-VOL is not supported.	Specify the emulation type supported in ShadowImage.	1	0
7110	8524	The emulation type is not supported.	Specify the emulation type supported in ShadowImage.	1	0
7110	8525	Internal logical error.	Contact Hitachi Data Systems Support Center.	1	0
7110	8526	Internal logical error.	Contact Hitachi Data Systems Support Center.	1	0
7110	8527	Internal logical error.	Contact Hitachi Data Systems Support Center.	1	0
7110	8528	Internal logical error.	Contact Hitachi Data Systems Support Center.	1	0
7110	8529	Internal logical error.	Contact Hitachi Data Systems Support Center.	1	0
7110	8530	Internal logical error.	Contact Hitachi Data Systems Support Center.	1	0
7110	8531	Internal logical error.	Contact Hitachi Data Systems Support Center.	1	0
7110	8532	The S-VOL and T-VOL are being used from the host or by Remote Copy.	Check the target volume, or stop using it in Remote copy.	1	0
7110	8533	The emulation type of the specified reserved volume is not supported.	Specify the emulation type of the supported volume.	1	0
7110	8534	An internal logical contradiction occurred.	Contact Hitachi Data Systems Support Center.	1	0
7110	8535	A processor failure was detected.	Contact Hitachi Data Systems Support Center.	1	0
7110	8536	A cache failure was detected.	Contact Hitachi Data Systems Support Center.	1	0
7110	8537	The cache capacities do not match.	Contact Hitachi Data Systems Support Center.	1	0
7110	8538	An SM failure was detected.	Contact Hitachi Data Systems Support Center.	1	0
7110	8539	There is insufficient shared memory to create 4096 pairs.	There is insufficient shared memory in DKC. Contact Hitachi Data Systems Support Center.	1	0
7110	8540	There is sufficient shared memory to create 4096 pairs, but initial subsystem setup is required before creating pairs.	Contact Hitachi Data Systems Support Center.	1	0
7110	8541	There is sufficient shared memory to create 4096 pairs, and the initial subsystem setup is complete.		1	0
7110	8542	Failed to complete the initial shared memory setup.	Contact Hitachi Data Systems Support Center.	1	0
7110	8543	The shared memory size is different.	Contact Hitachi Data Systems Support Center.	1	0
7110	8544	16 Mbytes of shared memory are available.		1	0

7110	8545	A power supply failure is detected.	Contact Hitachi Data Systems Support Center.		0
7110	8546	The command was rejected. The PS OFF is in progress.	Retry the operation with power ON.		0
7110	8547	A data transfer failure is detected (CHA).	Contact Hitachi Data Systems Support Center.		0
7110	8548	A data transfer failure is detected (DKA).	Contact Hitachi Data Systems Support Center.		0
7110	8549	The S-VOL is not implemented.	You cannot execute the operation for the volume which is not implemented.		0
7110	8550	The S-VOL cannot be used.	Contact Hitachi Data Systems Support Center, and check if the volume status is normal.		0
7110	8551	The S-VOL is being formatted.	Wait until the volume is formatted, and retry the operation.		0
7110	8553	The T-VOL volume is not implemented.	You cannot execute the operation for the volume which is not implemented.		0
7110	8554	The T-VOL cannot be used.	Contact Hitachi Data Systems Support Center, and check if the volume status is normal.		0
7110	8555	The T-VOL is being formatted.	Wait until the volume is formatted, and retry the operation.		0
7110	8556	The T-VOL is command device.			0
7110	8557	The volume is not implemented.	You cannot execute the operation for the volume which is not implemented.		0
7110	8558	The volume cannot be used.	Contact Hitachi Data Systems Support Center, and check if the volume status is normal.		0
7110	8559	The volume is being formatted.	Wait until the volume is formatted, and retry the operation.		0
7110	8561	The command code is invalid.			0
7110	8562	The command code sender is invalid.			0
7110	8563	The volume type is invalid.			0
7110	8564	The volume type is invalid.			0
7110	8565	The command code sender is invalid.			0
7110	8566	The attribute of the reserved volume is invalid.			0
7110	8567	The number of effective lists is invalid.			0
7110	8568	The emulation type is invalid.	Specify the volume of the supported emulation type.		0
7110	8569	The number of multiple jobs exceeded the maximum.	Contact Hitachi Data Systems Support Center.		0
7110	8570	The selected volume does not exist.	Refresh the screen, and retry the operation.		0
7110	8571	The volume is already defined as a reserved volume.			0
7110	8572	The volume is already defined as S-VOL.			0
7110	8573	The volume is defined as a source volume for hierarchical control.	Check the corresponding condition.		0
7110	8574	The volume is defined as a destination volume for hierarchical control.	Check the corresponding condition.		0

7110	8575	The selected volume is not a reserved volume.			0
7110	8576	No reserved volume is available for use.			0
7110	8577	The number of reserved volumes to be defined exceeds the maximum.	Stop the operation of the Reserve volume setting, or delete the Reserve volume.		0
7110	8578	The S-VOL is already paired with a backup volume. The S-VOL cannot be paired with the target volume.			0
7110	8579	No volume is defined as a reserved volume.	Define the reserve volume, and then retry the operation.		0
7110	8580	The specified volume is for backup servers only.	You cannot use the volume. Specify other volume, and retry the operation.		0
7110	8581	The specified volume is not for backup servers only.			0
7110	8582	The emulation type of the target volume is being changed.	Wait for a while, and retry the operation.		0
7110	8583	The RAID level of the specified volume is not supported.	Specify the volume of the supported RAID level.		0
7110	8584	No volume is defined as a reserved volume.			0
7110	8585	The number of reserved volumes exceeds the maximum.	Stop the operation of the Reserve volume setting, or delete the Reserve volume.		0
7110	8586	The number of groups that can be set in the same subsystem is invalid.			0
7110	8587	The number of pairs that can be set in the same group is invalid.			0
7110	8588	The specified group number is not set.			0
7110	8589	The specified group name is invalid.			0
7110	8590	The group name and the number do not match.			0
7110	8591	The specified pair is already set in another group.			0
7110	8592	The command was rejected, because the licensed capacity was exceeded.	Check the capacity of the installed license key. If you need to create more pairs, purchase a license key for larger capacity.		0
7110	8593	The S-VOL is a source volume for hierarchical control.	Check the corresponding condition.		0
7110	8594	The S-VOL is a destination volume for hierarchical control.	Check the corresponding condition.		0
7110	8595	The specified S-VOL does not exist.	Refresh, and then retry the operation.		0
7110	8596	The specified volume is a reserved volume.			0
7110	8597	No more pairs can be created for the specified S-VOL.	You cannot create pair for the S-VOL anymore. Delete the existing pairs.		0
7110	8598	The specified volume is not an S-VOL.			0
7110	8599	The specified volume is already an S-VOL.	Specify other P-VOL, and retry the operation. Or delete the pair of the specified volume, and then retry the operation.		0
7110	8600	The RAID level of the specified volume is not supported.	Check the RAID level, and specify a volume of the supported RAID level, and then retry the operation.		0

7110	8601	The source volume cannot be paired with a backup server volume.			0
7110	8602	The volume is already a reserved volume.	Specify other volume, and retry the operation. Or release the Reserve attribute of the specified volume, and then retry the operation.		0
7110	8603	The target volume is set as a primary volume for online data migration.			0
7110	8604	The target volume is set as a secondary volume for online data migration.			0
7110	8605	The Resync command was issued to a device in the simplex status.	Check the pair status.		0
7110	8606	A new pair was created with an S-VOL forming the Hitachi TrueCopy-S/390® cooperation pattern.	Place the SI390 pair in the SMPL status, or place the TC390 pair which uses the SI390 T-VOL as an S-VOL in the Simplex status.		0
7110	8607	A pair status cannot be changed to from the Hitachi TrueCopy-S/390® cooperation pattern.	Place the TC390 pair which uses the SI390 T-VOL as an S-VOL in the Suspended or Simplex status.		0
7110	8608	The specified volume is a T-VOL.	Refresh the screen, and retry the operation.		0
7110	8609	The specified volume is not set as a reserved volume.			0
7110	8610	The T-VOL is a source volume for hierarchical control.	Check the corresponding condition.		0
7110	8611	The specified volume is a target volume.			0
7110	8612	The specified volume is not a T-VOL.			0
7110	8613	The RAID level of the specified target volume is not supported.			0
7110	8614	The target volume is used as a Remote Copy M-VOL.	Delete the TrueCopy pair.		0
7110	8615	The target volume is used as a Remote Copy R-VOL.	Delete the TrueCopy pair.		0
7110	8616	The target volume is used as a primary volume for online data migration.			0
7110	8617	The target T-VOL is used as a secondary volume for online data migration.			0
7110	8618	The requested T-VOL volume is already defined as an S-VOL.	Check the volume number.		0
7110	8619	The target T-VOL is defined as a destination volume for hierarchical control.	Check the corresponding condition.		0
7110	8620	The volume specified as a reserved volume is already defined as a primary volume for online data migration.			0
7110	8621	The volume specified as a reserved volume is already defined as a secondary volume for online data migration.			0
7110	8622	The volume specified as a reserved volume is already defined as a Remote Copy M-VOL.	Delete the TrueCopy pair.		0
7110	8623	The reserved volume is defined as a Remote Copy R-VOL.	Delete the TrueCopy pair.		0
7110	8624	The selected volume is not paired.	Check the specified volume number.		0

7110	8625	The P-VOL(S-VOL) and S-VOL(T-VOL) have the same number.	Check the specified volume number.	l	0
7110	8626	The Simplex command was rejected, because the high-speed Split was in progress.	After the high-speed Split is completed, retry the operation.	l	0
7110	8627	The Reverse Resync command was rejected, because the high-speed Split was in progress.	After the high-speed Split is completed, retry the operation.	l	0
7110	8629	The status mode specification is invalid.		l	0
7110	8630	The status mode type is invalid.		l	0
7110	8631	The specified CU number is invalid.		l	0
7110	8632	The timing of issuing the command is invalid.	Contact Hitachi Data Systems Support Center.	l	0
7110	8633	The abnormal status is invalid.	Contact Hitachi Data Systems Support Center.	l	0
7110	8634	The volume specified as a reserved volume is already defined as a reserved volume for hierarchical control.	Change the volume number in order to specify the Reserve volume.	l	0
7110	8635	The specified S-VOL is defined as a reserved volume for hierarchical control.	Change the volume number in order to specify the Reserve volume.	l	0
7110	8636	The specified T-VOL is defined as a reserved volume for hierarchical control .	Change the volume number in order to specify the Reserve volume.	l	0
7110	8637	The specified S-VOL is used as a destination volume for hierarchical control.	Change the volume number in order to specify the Reserve volume.	l	0
7110	8638	The command was rejected, because the target S-VOL has FlashAccess settings.	You cannot execute the specified operation. Release the FlashAccess setting for the operation.	l	0
7110	8639	The command was rejected, because the target T-VOL has FlashAccess settings.	You cannot execute the specified operation. Release the FlashAccess setting for the operation.	l	0
7110	8640	The command was rejected, because a pair sharing the same S-VOL was in the Reverse Copy status.	You cannot execute the specified operation. Release the Reverse Copy for the operation.	l	0
7110	8641	The pairs contain a pair in the Reverse Copy status.	You cannot execute the specified operation. Release the Reverse Copy for the operation.	l	0
7110	8643	The request was rejected, because the Reverse Copy request was made to a pair in the non-Split status.	You cannot execute the specified operation. Release the Reverse Copy for the operation.	l	0
7110	8644	The request was rejected, because the pair is not in the Split/Suspend status.	Check the pair status.	l	0
7110	8645	The Reverse Copy request was rejected, because the S-VOL was shared with a secondary volume of a Remote Copy pair.	You cannot execute the specified operation. Release the Remote Copy pair for the operation.	l	0
7110	8646	The Reverse Copy request was rejected, because the S-VOL was shared with a Remote Copy pair in the non-suspend status.	Delete the Remote Copy pair.	l	0
7110	8647	The Reverse Copy request was rejected, because the T-VOL was shared by a Remote Copy pair.	Delete the Remote Copy pair.	l	0
7110	8648	The boot device and the S-VOL do not match in the AddPair command.	Check the specified volume number.	l	0
7110	8649	Because the boot device is the T-VOL in the DeletePair command, the flag does not match.	Check the specified volume number.	l	0

7110	8650	The boot device and the S-VOL do not match in the AddPair, Resync, or DeletePair command.	Check the specified volume number.	I	0
7110	8651	The SSID is invalid.		I	0
7110	8652	The boot device is not an S-VOL nor T-VOL.	Check the target volume number.	I	0
7110	8653	Because the boot device is the S-VOL in the DeletePair command, the flag does not match.	Check the target volume number.	I	0
7110	8654	The boot device and the T-VOL do not match in the AddPair, Resync, or DeletePair command.	Check the target volume number.	I	0
7110	8655	An invalid secondary SSID is specified for the AddPair or Resync command.		I	0
7110	8656	An invalid secondary SSID is specified for the DeletePair or Split command.		I	0
7110	8657	The Swap&Freeze option cannot be specified, because the mode is invalid.	Check the setting you specified in Option tab.	I	0
7110	8658	Some settings could not be applied normally. Refer to the error code.	Check the error code in Preset volume list.	E	0
7110	8659	There is no volume.		I	0
7110	9002	Normal end.	The operation was ended normally. Execute the next operation.	I	0
7110	9005	An error occurred. Check the error code.	An error occurred during the indicated operation. Refer to the error code for each operation in Preset Volume List.	I	0
7110	9101	Do you want to cancel?	To cancel, press the OK button.	I	0
7110	9102	Do you want to apply?	To execute the operation in Preset, press the OK button.	I	0
7110	9108	The option has been changed. If you continue processing before applying the change, the option will be reset to the current setting. Do you want to continue processing?		W	0
7110	9109	Do you want to execute the Set Over operation?		W	2
7110	9110	Do you want to execute the Initialize operation?		W	2
8005	3003	An error occurred. If this problem persists, please call the Support Center.	When host mode is set, the maximum value you can set in the PORT is exceeded. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
8005	5099	An error occurred. If this problem persists, please call the Support Center.	You have not specified the value when registering WWN. Or zero is set as the WWN value. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
8005	6023	An error occurred. If this problem persists, please call the Support Center.		E	2
8005	6040	An error occurred while connecting to the subsystem. Please retry a little later.	Call the service personnel.	E	6
8005	6050	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2

8005	7111	An error occurred. If this problem persists, please call the Support Center.		E	2
8005	8001	An error occurred while connecting to the subsystem. Please retry a little later.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	6
8005	8100	An error occurred while connecting to the subsystem. Please retry a little later.	Retry the same operation several times. If the same error occurs, call the service personnel.	E	6
9005	5099	An error occurred. If this problem persists, please call the Support Center.	You have specified Virtual LVI/LUN operation to a request of the configuration information setting. The error does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
9005	6001	An error occurred. If this problem persists, please call the Support Center.	Please call your maintenance support center to report them with the error code.	E	2
9005	6012	An error occurred. If this problem persists, please call the Support Center.		E	2
9005	6036	An error occurred. If this problem persists, please call the Support Center.	Please check the inputted value and retry.	E	2
9005	6502	This key code is invalid.	Please wait for a moment and retry.	W	5
9005	7111	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
9005	7112	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
9005	7113	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
9005	7114	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
9005	7115	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
9005	7116	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
9005	7117	An error occurred. If this problem persists, please call the Support Center.	Call the service personnel.	E	2
9005	8100	An error occurred while connecting to the subsystem. Please retry a little later.	Please call your maintenance support center to report them with the error code.	E	6
9005	8102	This function is not supported.	Please check the DKC microcode version.	E	6
9005	8103	The subsystem status is invalid. Please call the Support Center.	Please check the DKC microcode version.	E	2

Acronyms and Abbreviations

API	application program interface
CCI	Command Control Interface
CHA	channel adapter
CT	consistency
CTG	consistency group
CU	control unit
CV	custom volume
DASD	direct-access storage device
DFW	DASD fast write
DKA	disk adapter
DKC	disk controller
HPAV	Hitachi Parallel Access Volume
IP	internet protocol
L1, L2	level 1, level 2
LAN	local-area network
LBA	logical block address
LCP	local control port
LDEV	logical device
LU	logical unit
LUN	logical unit number
LUSE	LUN Expansion
MCU	main control unit
MIB	message information block
MU	mirror unit
M-VOL	main volume
NVS	nonvolatile storage
PA	Priority Access
PDEV	physical device
P.P.	Program Product
PS	power supply
PSUE	pair suspended-error (status)
PSUS	pair suspended-split (status)
P-VOL	primary volume
RAID	redundant array of independent disks
RCP	remote control port
RCU	remote control unit
R-VOL	remote volume
SI390	ShadowImage - S/390®
SIM	service information message

SM	shared memory
SMPL	simplex
SNMP	simple network management protocol
SSID	subsystem ID
S-VOL	secondary volume (TrueCopy), source volume (ShadowImage - S/390®)
SVP	service processor
TC390	TrueCopy - S/390®
T-VOL	target volume
VDEV	virtual device
WWN	worldwide name