



**Hitachi Freedom Storage™
Lightning 9900™ V Series**

**Remote Console – Storage Navigator
Error Codes**

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Document Revision Level

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Source Documents for this Revision

- Ecd45d4 (RSD source document)
- Ecd45d4a (RSD source document)
- R-1328a (RSD review of this document)
- R-1328b (RSD review of this document)
- Ecd45d5
- R132_9a
- Ecd45d5a
- RSD review of this document
- HDS review of this document

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

Changes in this Revision

- Updated the Comments section (Preface)
- Added additional explanation about blank entries in the “Recommended Action” column (section 1.3)
- Added the following error messages:

Part Code	Error Number
0003	2504
0110	5510
1010	5867
1310	5830, 9365, 9366
8105	2504
9605	8138

Preface

This document presents a list of the error codes and error messages for the Hitachi Lightning 9900™ V Series Remote Console - Storage Navigator and provides recommended action for the error conditions. This document assumes that:

- the user has a background in data processing and understands direct-access storage device (DASD) subsystems and their basic functions,
- the user is familiar with the Hitachi Freedom Storage™ Lightning 9900™ V Series array subsystem,
- the user has read and understands both the *Hitachi Lightning 9900™ V Series User and Reference Guide* (MK-92RD100) and the *Hitachi Lightning 9900™ V Series Hitachi Remote Console - Storage Navigator User's Guide* (MK-92RD101), and
- the user is familiar with the operating system (e.g., Windows®, Solaris®) and web browser software (e.g., Internet Explorer, Netscape Navigator) on the system hosting the 9900V Remote Console - Storage Navigator software.

Note: The term “9900V” refers to the entire Hitachi Lightning 9900™ V Series subsystem family, unless otherwise noted. For further information on the Lightning 9900™ V Series subsystem, please contact your Hitachi Data Systems account team, or visit Hitachi Data Systems online at <http://www.hds.com>.

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 21-09-0x/xx and higher.

Comments

Please send us your comments on this document. Make sure to include the document title, number, and revision. Please refer to specific section(s) and paragraph(s) whenever possible.

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Thank you! (All comments become the property of Hitachi Data Systems Corporation.)

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Chapter 1 Remote Console – Storage Navigator Messages and Error Codes

1.1 Remote Console – Storage Navigator Messages

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

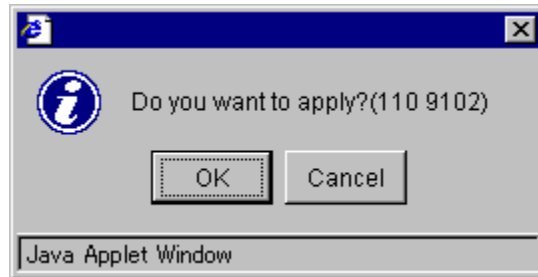


Figure 1.1 Sample Message Panel (Information Level Message)

1.2 Message Panel Format

Figure 1.2 illustrates the message panel format:

[X] message-text (YYYY ZZZZ)

Figure 1.2 Message Panel Format

X indicates the message level. There are four message levels, as shown below. All 9900V Series systems message panels display the following information:

- **Message level:**
 -  Information
 -  Warning
 -  Fatal error
 -  The server is unable to accept the request from the Remote Console - Storage Navigator. One possible cause is that some process 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.

Note: If the Storage Navigator starts up and displays the following message, refer to the code and number the (YYYY ZZZZ) represent:

A network error occurred, the server is not ready, or an error occurred in the server. (YYYY ZZZZ)

1.3 Remote Console – Storage Navigator Error Codes

Note: To find solutions to Storage Navigator errors, please refer to Table 1.1 of this manual, or the Troubleshooting chapter in the user guides for the program products causing the errors.

Table 1.1 lists the error codes and error messages for the Lightning 9900™ V Series Remote Console - Storage Navigator and provides recommended action for the error conditions. **Note:** In some cases, the **Recommended Action** column may be blank. In these circumstances, the user should take actions based on instructions provided in the error message and based on what the user is trying to accomplish. Table 1.1 also provides the severity level and failure level of the error conditions.

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 - Storage Navigator. One possible cause is that some process 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 - Storage Navigator is automatically switched to view mode. If necessary, change the mode to **Modify**.

Table 1.1 Error Codes (continues on the following pages)

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 Support Center.	E	2
0001	1001	A timeout has occurred. The SVP will reboot. Please try again later.	The SVP reboots automatically. If the same error occurs 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 Support Center.	E	2
0001	1003	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the Support Center.	E	2
0001	1004	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the Support Center.	E	2
0001	2000	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the Support Center.	E	2
0001	2001	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the Support Center.	E	2
0001	2002	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the Support Center.	E	2
0001	2005	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2
0001	3000	An error occurred. If this problem persists, please call the Support Center.	This error status might remain internally in the healthCheck function log when the Modify mode is forcibly released, but in this case, it is not a problem. In other cases, please call the Support Center.	E	2
0001	3001	The number of set operations exceeds the maximum (20000)	Reduce the set processing number and retry.	E	6
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 Support Center.	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 Support Center.	E	2
0001	4007	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2
0001	4008	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2
0001	4009	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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	The session is already disconnected. Please log on again.	Please log on again. If this problem persists, please increase the value of the RMI time-out period.	E	2
0001	4012	The number of connections exceeds the maximum (32).	Please log in again after a while.	E	2
0001	4013	The server configuration is invalid. Please call the Support Center.	Failed to access the Config file. Call the Support Center.	E	2
0001	4020	Network error detected; exclusive lock is released.	Lock is removed. Lock again.	E	2
0001	5075	An error occurred. If this problem persists, please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	W	2
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 log-on was invalid. (Terminated by pressing the end button of the browser.) After RMI Time-out (default 1 min.), log on again.	E	1
0001	5300	An error occurred. If this problem persists, please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
0001	5400	Since the server is busy, monitoring data cannot be obtained.	Please wait for a while and then retry. Do either of the following if two users are displaying the Performance Monitor panel or running the Export Tool: - ask one of the users to display another panel. - ask one of the users to log off. - wait for one of the users to quit the Export Tool.	E	3
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 released due to inactivity. Restart Modify mode (press the mode-switching button again) to continue.	When you set up, please change to Modify mode.	W	7
0001	5635	An error occurred. If this problem persists please call Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
0001	5636	An error occurred. If this problem persists please call Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
0001	5637	An error occurred. If this problem persists please call Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
0001	5638	An error occurred. If this problem persists please call Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
0001	5639	An error occurred. If this problem persists please call Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
0001	5640	An error occurred. If this problem persists please call Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0001	5813	An error occurred. If this problem persists please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
0001	5814	An error occurred. If this problem persists please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
0001	6039	An error occurred. If this problem persists please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
0001	7050	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2
0002	2001	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the Support Center.	E	2
0002	2002	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the Support Center.	E	2
0002	2003	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the Support Center.	E	2
0002	2004	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the Support Center.	E	2
0002	2005	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2
0002	2006	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2
0002	2007	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the Support Center.	E	2
0002	2008	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the Support Center.	E	3
0002	2009	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2
0002	2010	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2
0002	2011	The server configuration is invalid. Please call the Support Center.	Call the Support Center.	E	2
0002	2012	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2
0002	2013	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2
0002	2015	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	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	2145	A connection error has occurred.	Retry the same operation. If the same error occurs despite retrying, call the service personnel.	E	3
0002	3003	An error occurred. If this problem persists, please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0002	2200	The Concurrent Copy or the Hitachi Extended Remote Copy operation is in progress in the target volumes. Cancel the Concurrent Copy job or delete a Hitachi Extended Remote Copy pair via the host.	If the Concurrent Copy or the Hitachi Extended Remote Copy operation is in progress in the target volumes, cancel the Concurrent Copy job or delete a Hitachi Extended Remote Copy pair via the host. If the Concurrent Copy or the Hitachi Extended Remote Copy operation is not in progress in the target volumes, issue the LISTSESS, and LISTDVCS commands, check the SESSION ID No., and terminate SESSION by means of the TERMSESS command.	E	6
0002	3003	An error occurred. If this problem persists, please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
0002	5010	An error occurred. If this problem persists, please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
0002	6000	An error occurred. If this problem persists, please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
0002	6040	An error occurred. If this problem persists, please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
0002	6050	An error occurred. If this problem persists, please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
0002	6051	An error occurred. If this problem persists, please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
0002	6531	The SVP is busy. Please perform again after a while.	Retry the same operation. If the same error occurs despite retrying, call the support center.	E	3
0002	7111	An error occurred. If this problem persists, please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
0002	5040	The maximum number which can be processed was exceeded. Please reduce the number of requests and try again.	Please reduce the number of requests and try again.	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. Please log on again. This error might occur and remain internally in the unlock function log when a user in View mode selects the Exit button, but this is not a problem. In other cases, please call the Support Center.	E	2
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. Please press the Refresh button when it appears.	Select the Refresh button after a while.	N	3
0002	6002	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	6012	An error occurred. If this problem persists, please call the Support Center.	If the same error occurs despite retrying, call the Support Center.	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 Support Center.	E	2
0002	6023	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0002	6502	Now processing. Please wait a while, and then retry the operation.	Please log in again after a while.	i	0
0002	7030	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2
0002	7060	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2
0002	7211	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	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 Support Center.	E	2
0003	1002	The specified volume cannot be set as a command device or LUSE, because the volume is being used as a Hitachi TrueCopy/ShadowImage/Hi-Copy volume. Select another volume.	The specified volume cannot be set as a command device or LUSE, because the volume is being used as a Hitachi TrueCopy/ShadowImage/Hi-Copy volume. Select another volume.	E	6
0003	1003	You are trying to set multiple paths to the same volume from one group.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
0003	1004	You are trying to set multiple volumes from a port/group/pair of LUN.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
0003	1005	You are trying to set paths to un-installed volume/volume other than the top of an expanded LU/Reserve volume of Hitachi CruiseControl/volume of Just in Time.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
0003	1007	Failed to remove the path. The specified path is the last path of Hitachi TrueCopy/ShadowImage/Hi-Copy volume.	Correct the contents of LU path setting, and request the setting of the configuration information again.	E	6
0003	1009	The emulation type of a volume which links as an expanded LU is not Open volume.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
0003	1010	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. Please call the Support Center.	E	2
0003	1011	An error occurred. If this problem persists, please call the Support Center.	The volume which links as an expanded LU extends over CU#. Please call the Support Center.	E	2
0003	1012	LU path is set to a volume which links as an expanded LU.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0003	1013	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. Please call the Support Center.	E	2
0003	1015	LU path is set to the releasing expanded LU. (You need to release the expanded LU and path at the same time.)	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
0003	1018	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. Please call the Support Center.	E	2
0003	1020	An error occurred. If this problem persists, please call the Support Center.	LUN is invalid. (The specified value is not in the specification.) Please call the Support Center.	E	2
0003	1021	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. Please call the Support Center.	E	2
0003	1022	An error occurred. If this problem persists, please call the Support Center.	Host mode is invalid. (The specified value is not in the specification.) Please call the Support Center.	E	2
0003	1023	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
0003	1024	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.) Please call the Support Center.	E	2
0003	1025	The specified LU path does not exist.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
0003	1027	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.) Please call the Support Center.	E	2
0003	1028	The number of volumes which link as expanded LUs is beyond the range.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
0003	1029	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. Please call the Support Center.	E	2
0003	1030	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
0003	1031	An error occurred. If this problem persists, please call the Support Center.	The specified area in FlashAccess is beyond the volume size. Please call the Support Center.	E	2
0003	1032	The specified extent is over the size which can be specified.	Please specify a smaller extent and set it up again.	E	6
0003	1033	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. Please call the Support Center.	E	2

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0003	1034	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.) Please call the Support Center.	E	2
0003	1035	An error occurred. If this problem persists, please call the Support Center.	Subsystem ID, which is required for VLL operation, is not set. Please call the Support Center.	E	2
0003	1036	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.) Please call the Support Center.	E	2
0003	1037	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. Please call the Support Center.	E	2
0003	1038	An error occurred. If this problem persists, please call the Support Center.	The specified emulation type of CV cannot coexist. Please call the Support Center.	E	2
0003	1039	An error occurred. If this problem persists, please call the Support Center.	You are trying to perform VLL operation for a volume which LU path is set, LU expanded volume, or a volume which LDEV Security is set. Please call the Support Center.	E	2
0003	1040	An error occurred. If this problem persists, please call the Support Center.	When you perform VLL (Volume Initialize), only Deleted Normal Volume information is specified. Please call the Support Center.	E	2
0003	1041	An error occurred. If this problem persists, please call the Support Center.	The CU number specified in VLL operation and LDEV number overlap with other volume number. Please call the Support Center.	E	2
0003	1042	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. Please call the Support Center.	E	2
0003	1043	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 VLL operation. Please call the Support Center.	E	2
0003	1044	An error occurred. If this problem persists, please call the Support Center.	When VLL 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. Please call the 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	6
0003	1046	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
0003	1048	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. Please call the Support Center.	E	2
0003	1049	An error occurred. If this problem persists, please call the Support Center.	When VLL operation (Volume Initialize) is performed, CV is not set in the target logical parity group. Please call the Support Center.	E	2
0003	1050	An error occurred. If this problem persists, please call the Support Center.	Reserve volume of Hitachi CruiseControl or On-Demand volume is included to a volume which links as an expanded LU. Please call the Support Center.	E	2

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0003	1051	An error occurred. If this problem persists, please call the Support Center.	The emulation type is specified incorrectly in VLL operation. Please call the Support Center.	E	2
0003	1059	An error occurred. If this problem persists, please call the Support Center.	You are trying to perform LUN Management operation for non-Fibre port. Please call the Support Center.	E	2
0003	1061	Security Switch Off operation and path adding operation cannot be performed simultaneously. Check the current configuration and then make settings again.	First, add paths and then click Apply. Next, turn off the security switch and then click Apply.	E	6
0003	1062	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.) Please call the 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	1064	You are trying to register the same WWN as the already registered one. Please check the settings and request the setting of the configuration information again.	The Configuration information has been already changed. Please check the settings 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	WWN number, which is not registered, is specified. (When deleting, or changing)	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
0003	1067	You are trying to register the same host group as the existing one.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
0003	1068	Host group, which is not registered, is specified. (When deleting, or changing)	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
0003	1074	An error occurred. If this problem persists, please call the Support Center.	CU, which is specified during VLL operation (Install CV), cannot be set. Please call the Support Center.	E	2
0003	1075	An error occurred. If this problem persists, please call the Support Center.	You have specified VLL operation to a request of the configuration information setting. Please call the Support Center.	E	2
0003	1101	An error occurred. If this problem persists, please call the Support Center.	VLL operation is requested for un-installed volume. Please call the Support Center.	E	2
0003	1102	Volume initialization operation cannot include the last LDEV of RAID striping group.	Since at least one LDEV is required in the parity group, you cannot uninstall anymore.	E	6
0003	1103	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 VLL operation. Please call the Support Center.	E	2

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0003	1104	An error occurred. If this problem persists, please call the Support Center.	You are trying to set Subsystem ID without VLL operation. Please call the Support Center.	E	2
0003	1105	An error occurred. If this problem persists, please call the Support Center.	The number of LDEV ID which can be set in VLL operation is exceeded. Please call the Support Center.	E	2
0003	1108	An error occurred. If this problem persists, please call the Support Center.	Command device setting is requested for Reserve volume of Hitachi CruiseControl/On-Demand volume. Or it is requested for volumes other than open volumes (including un-installed volumes). Please call the Support Center.	E	2
0003	1110	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
0003	1111	An error occurred. If this problem persists, please call the Support Center.	A nickname is not specified when the configuration change of LUN Management is requested. Please call the Support Center.	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 that 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.	You have not specified the value when registering WWN. Or zero is set as the WWN value. Please call the Support Center.	E	2
0003	1123	The setting of the command device security is requested, or the command device of the target volume is not set.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
0003	1124	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. 1. Set command device + Release command device security 2. Release command device + Set command device security. Please call the Support Center.	E	2
0003	1125	There is no host group where WWN is registered.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
0003	1126	The Command Device cannot be set within a LUSE volume. Select another volume.	Correct the specified contents, and request again.	E	6
0003	1127	An error occurred. If this problem persists, please call the Support Center.	CHA high-speed mode is specified to unmounted CHA. Please call the Support Center.	E	2
0003	1128	An error occurred. If this problem persists, please call the Support Center.	Channel speed change is requested, but Fibre PCB does not support it. Please call the Support Center.	E	2
0003	1129	An error occurred. If this problem persists, please call the Support Center.	When WWN is registered in LUN Management operation, the number of WWNs you can register is exceeded. Please call the Support Center.	E	2
0003	1130	You cannot specify the default nickname when setting the nickname of a host group or a host.	Correct the specified contents, and request again.	E	6

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0003	1131	When host group is set (add/change/delete), the maximum value you can set in the PORT is exceeded.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
0003	1132	When WWN is set (add/change), the maximum value you can set in the PORT is exceeded.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
0003	1133	When host mode is set, the maximum value you can set in the PORT is exceeded.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
0003	1134	When a path is set (add/delete), the maximum value you can set in the PORT is exceeded.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
0003	1135	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. Please call the Support Center.	E	2
0003	1136	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. Please call the Support Center.	E	2
0003	1137	When LUSE is set, the maximum number of instructions, which DKC can set, was exceeded.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
0003	1138	An error occurred. If this problem persists, please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
0003	1140	Because the Port Group setting is done, it is impossible to change. Please release the Port Group setting.	Please release the Port Group setting.	E	2
0003	1141	Now processing. Please wait a while, and then retry the operation.	Please log in again after a while.	E	2
0003	1145	An error occurred. If this problem persists please call the Support Center.	If this problem persists please call the Support Center.	E	2
0003	1146	An error occurred. If this problem persists please call the Support Center.	If this problem persists please call the Support Center.	E	2
0003	1147	An error occurred. If this problem persists please call the Support Center.	If this problem persists please call the Support Center.	E	2
0003	1148	An error occurred. If this problem persists please call the Support Center.	If this problem persists please call the Support Center.	E	2
0003	1149	An error occurred. If this problem persists please call the Support Center.	If this problem persists please call the Support Center.	E	2
0003	1150	An error occurred. If this problem persists please call the Support Center.	If this problem persists please call the Support Center.	E	2

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0003	1151	An error occurred. If this problem persists please call the Support Center.	If this problem persists please call the Support Center.	E	2
0003	1154	An error occurred. If this problem persists please call the Support Center.	If this problem persists please call the Support Center.	E	2
0003	1156	An error occurred. If this problem persists please call the Support Center.	If this problem persists please call the Support Center.	E	2
0003	1159	An error occurred. If this problem persists please call the Support Center.	If this problem persists please call the Support Center.	E	2
0003	1169	An error occurred. If this problem persists please call the Support Center.	If this problem persists please call the Support Center.	E	2
0003	1170	When you configure a volume as a command device, the volume must meet following conditions: - The volume has Read/Write attribute. - The volume is usable as an S-VOL (secondary volume).	Please correct settings and then retry.	E	6
0003	1171	This LU cannot be combined into or released from a LUSE volume because it is not a Read/Write enabled volume that is also usable as an S-VOL (secondary volume).	Please correct settings and then retry.	E	6
0003	1172	The LUs cannot be combined or released because the volumes don't have Read/Write attribute.	Please correct settings and then retry.	E	6
0003	1173	The maximum number of hosts that can be set to a port was exceeded.	Please correct the settings and then retry.	E	6
0003	1174	The specified host ID is already registered.	Please correct the settings and then retry.	E	6
0003	1177	The specified host is already registered.	Please correct the settings and then retry.	E	6
0003	1178	An incorrect host name was specified.	Please correct the settings and then retry.	E	6
0003	1179	A non-registered host was specified.	Please correct the settings and then retry.	E	6
0003	1181	The specified path cannot be added, because the volume is used by a Remote Copy pair.	Correct the specification, and then retry the operation.	W	6
0003	1182	An error occurred. If this problem persists please call the Support Center.	If this problem persists please call the Support Center.	E	2
0003	1185	You are trying to insert in the linkage operation including LUSE. (LDEV number is inserted to the LDEV numbers created in LUSE).	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
0003	1186	In the linkage operation including LUSE, the path is specified to other than the top.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
0003	1187	You cannot expand the LU because the host mode of the group with paths which are defined in the LU is corresponding to online LUSE.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0003	1188	An error occurred. If this problem persists please call the Support Center.	If this problem persists please call the Support Center.	E	2
0003	1193	You cannot add paths to TrueCopy/ShadowImage/Hi-Copy pair volumes.	Please correct the settings and then retry.	E	6
0003	1194	You cannot change port information about external ports.	Please correct the settings and then retry.	E	6
0003	1195	You cannot use Hi-Copy LUs as command devices.	Please correct the settings and then retry.	E	6
0003	1196	You cannot create a LUSE volume by concatenating LUs and Hi-Copy LUs.	Please correct the settings and then retry.	E	6
0003	1197	You cannot set high-speed mode to a package including an external port.	Please correct the settings and then retry.	E	6
0003	1198	Since a path is defined to a Hi-Copy LU, you cannot set high-speed mode.	Please correct the settings and then retry.	E	6
0003	1201	Invalid selection 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	6
0003	1203	CHA high-speed mode is specified, Fibre Address of the specified port includes what the high-speed mode cannot be set.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
0003	1204	CHA high-speed mode is specified, but a topology includes what the high-speed mode cannot be set.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
0003	1350	You could not add the path to the initiator or external port.	To add a path, change the attribute of the specified port to 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 before 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. Please stop this operation. If you want to continue this operation, please remove the logical paths from the MCU port 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. Please stop this operation. If you want to continue this operation, please remove the S-VOLs from the RCU port 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	You could not register the WWN to the initiator or external port.	To register the WWN, change the attribute of the specified port to Target or RCU Target.	E	6
0003	1355	You could not change the host mode of the host group that you connected to the initiator or external port.	To change the host mode, change the attribute of the specified port to Target or RCU Target.	E	6
0003	1356	You could not add the host group to the initiator or external port.	To add the host group, change the attribute of the specified port to Target or RCU Target.	E	6

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0003	1357	S-VOLs remain on the Fibre-RCU port. This operation may cause a fatal damage to the S-VOLs. Please stop this operation. If you want to continue this operation, please remove the S-VOLs from the RCU port first.	The specified Port is for Fibre TrueCopy. Please delete a logical path, and then retry the operation.	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	1901	You cannot make FlashAccess settings on Hi-Copy LUs.	Please correct the settings and then retry.	E	6
0003	1900	A configuration change is in progress. Please retry after a while.	Please retry after a while.	E	6
0003	2001	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
0003	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, please call the Support Center.	E	2
0003	2003	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, please call the Support Center.	E	2
0003	2004	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, please call the Support Center.	E	2
0003	2005	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, please call the Support Center.	E	2
0003	2006	An error occurred. If this problem persists, please call the Support Center.	Please call the Support Center.	E	2
0003	2009	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 Support Center.	E	2
0003	2010	The LDEV is being used by the host, or an error occurred in the server procedure. Recovery processing may take about 1 minute. Please wait a little.	Check if the host is performing I/O operations on the target path or volume.	E	6
0003	2011	There may be a blocked component. Please call the Support Center.	Check the DKC status. If this problem persists, please call the Support Center.	E	2

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0003	2012	An error occurred. If this problem persists, please call the Support Center.	Port blockade error occurred. Call the Support Center.	E	2
0003	2013	An error occurred. If this problem persists, please call the Support Center.	Download error occurred. Call the Support Center.	E	2
0003	2014	An error occurred. If this problem persists, please call the Support Center.	Port recovery error occurred. Call the Support Center.	E	2
0003	2015	An error occurred while connecting to the subsystem. Please retry a little later.	A communication error occurs. If the same error occurs despite retrying, call the Support Center.	E	6
0003	2016	SNMP or SVP has lock, please try again later.	Wait for a while and reissue the request.	E	6
0003	2017	Network error detected; exclusive lock was released.	Re-execute the request for starting exclusive lock.	E	2
0003	2022	An error occurred. If this problem persists, please call the Support Center.	SVP and DKC are processing VLL. Wait for a while, and request the setting of the configuration information again.	E	2
0003	2032	Communication busy. Please retry later.	Please retry later.	E	3
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 Support Center.	E	6
0003	2081	An error occurred during custom volume install/uninstall operation. Please retry.	If the same error occurs, call the Support Center.	E	6
0003	2082	Processing is disabled because the host is mounted or the device is reserved.	The host is mounted or the device is reserved. Please unmount the host and cancel reservation of the device. If the host is an AIX host, please unmount the host, and execute the varyoffvg command.	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®/FlashCopy® Option/Hi-Copy pairs. Please wait for a while and then retry.	Please wait for a while and then retry.	W	6
0003	2086	The configuration of Remote Copy/ShadowImage/ShadowImage - S/390®/FlashCopy® Option/Hi-Copy or Command devices for CopyCentral is defined. Release the configuration definition, and then retry the operation.	Release the configuration definition, and then retry the operation.	E	6
0003	2087	The system is online to the mainframe host. Take the subsystem offline from the host.	Take the subsystem offline from the host.	W	6

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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®/FlashCopy® Option/Hi-Copy 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®/FlashCopy® Option 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®/FlashCopy® Option/Hi-Copy pairs exist. Please split them.	Please split the ShadowImage/FlashCopy® Option/Hi-Copy pairs.	W	6
0003	2093	Some ShadowImage/ShadowImage - S/390®/FlashCopy® Option/Hi-Copy pairs exist. Please resynchronize them.	Please resynchronize the ShadowImage/FlashCopy® /Hi-Copy Option pairs.	W	6
0003	2094	Some ShadowImage/ShadowImage - S/390®/FlashCopy® Option/Hi-Copy pairs exist. Please change the status of their volumes to Simplex.	Please change the status of their volumes to Simplex.	W	6
0003	2095	A maintenance operation is in progress. For example: - LDEV format is in progress - Correction Copy is in progress - Drive Copy is in progress - The CHA/DKA status is changing - The cache status is changing - Replacement of an OEM drive microprogram is in progress	Please wait for a moment and retry.	E	6
0003	2096	Currently running microprogram version does not support the specified operation.	An error occurred. If this problem persists please call the Support Center.	E	2
0003	2098	The operation cannot be performed, because the SVP microcode version does not match the DKCMAIN (subsystem) microcode version.	Please call the Technical Support Center, when the same problem persists.	E	6
0003	2099	The operation cannot be performed, because an inoperative MP exists.	Wait for a while and then retry the operation. If the same problem persists, call the Technical Support Center.	E	6
0003	2170	Extended Copy Manager is running, but I/O operations might be in progress.	Please stop the host I/O.	W	6

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0003	2200	The Concurrent Copy or the Hitachi Extended Remote Copy operation is in progress in the target volumes. Cancel the Concurrent Copy job or delete a Hitachi Extended Remote Copy pair via the host.	If the Concurrent Copy or the Hitachi Extended Remote Copy operation is in progress in the target volumes, cancel the Concurrent Copy job or delete a Hitachi Extended Remote Copy pair via the host. If the Concurrent Copy or the Hitachi Extended Remote Copy operation is not in progress in the target volumes, issue the LISTSESS, and LISTDVCS commands, check the SESSION ID No., and terminate SESSION by means of the TERMSESS command.	E	6
0003	2201	Processing cannot be performed because of Open LDEV Guard settings.	Please correct settings and then retry.	E	6
0003	2501	The volume cannot be configured as a command device because the volume doesn't have Read/Write attribute.	Please correct settings and then retry.	E	6
0003	2502	The LUs cannot be combined or released because the volumes don't have Read/Write attribute.	Please correct settings and then retry.	E	6
0003	2503	The LUs cannot be combined or released because the volumes don't have Read/Write attribute.	Please correct settings and then retry.	E	6
0003	2504	No settings are possible because one or more volumes are reserved for use with Command Control Interface only.	Release the reserved volume setting(s), and then retry the operation.	W	5
0003	3000	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. Call the Support Center.	E	2
0003	3001	An error occurred. If this problem persists, please call the Support Center.	Failed to acquire the external function pointer for obtaining race information. Call the Support Center.	E	2
0003	3002	An error occurred. If this problem persists, please call the Support Center.	Invalid interface between the functions inside the agent is detected. Call the Support Center.	E	2
0003	3003	An error occurred. If this problem persists, please call the Support Center.	Internal logical error is detected. Call the Support Center.	E	2
0003	3004	An error occurred. If this problem persists, please call the Support Center.	The directory of MIB management information does not exist. Call the Support Center.	E	2
0003	3005	An error occurred. If this problem persists, please call the Support Center.	Failed to write MIB management information. Call the Support Center.	E	2
0003	3006	An error occurred. If this problem persists, please call the Support Center.	A file access error occurred for the file required by the agent. Call the Support Center.	E	2
0003	3007	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. Call the Support Center.	E	2
0004	2006	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2
0004	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
0004	6001	A timeout has occurred. The SVP will reboot. Please try again later.	The SVP reboots automatically. If the same error occurs despite retrying, call the service personnel.	E	2

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0004	6002	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
0004	6003	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
0004	6010	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
0004	6011	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
0004	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
0004	6013	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
0004	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
0004	6037	The subsystem status is invalid. Please call the Support Center.	Call the Support Center.	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 Support Center.	E	2
0005	5099	An error occurred. If this problem persists, please call the Support Center.	Correct the specified content, and retry.	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 Support Center.	E	2
0006	1005	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2
0006	1006	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2
0006	1007	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2
0006	1008	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2
0006	1009	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the Support Center.	E	2

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0006	1010	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2
0006	4000	The server configuration is invalid. Please call the Support Center.	Call the Support Center.	E	2
0006	4002	The server configuration is invalid. Please call the Support Center.	Register the authentication data. Call the Support Center.	E	2
0007	5301	An error occurred. If this problem persists, please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
0007	5302	An error occurred. If this problem persists, please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
0007	5303	An error occurred. If this problem persists, please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
0007	5304	An error occurred. If this problem persists, please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
0007	5305	An error occurred. If this problem persists, please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
0007	5306	An error occurred. If this problem persists, please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
0007	5307	An error occurred. If this problem persists, please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
0007	5308	An error occurred. If this problem persists, please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
0007	5309	An error occurred. If this problem persists, please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	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.	You cannot connect to the server because of the factors, such as a network error or server 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 after waiting for a while. If the problem persists, please call the Support Center.	E	2
		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 or server 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 after waiting for a while. If the problem persists, please call the Support Center. (This message might be issued when you attempt to log in.)	E	1

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0010	6028	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 Support Center.	E	2
0010	7440	An error occurred. If this problem persists please call the Support Center.	If this problem persists, please call the Support Center.	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 45 days. 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 30 days. 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 Storage Navigator 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 exiting this program.	Log in again, and retry.	W	5
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	5510	Array is refreshing, or some other user is changing configuration. Please log in again after a while.	Array is refreshing, or some other user is changing configuration. Please log in again after a while.	N	3
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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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 Support Center.	E	2
0110	7440	An error occurred. If this problem persists please call the Support Center.	If this problem persists, please call the Support Center.	E	2
0110	8100	A SIM occurred.	Retry the same operation several times. If the same error occurs, call the Support Center.	E	5
0110	8200	A SIM occurred.	Retry the same operation several times. If the same error occurs, call the Support Center.	E	5
0110	8201	The system detects an error.	Retry the same operation several times. If the same error occurs, call the Support Center.	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?		i	0
0110	9105	The value has been changed: but the server cannot reflect the value. Do you want to exit?		i	0
0110	9106	The value has been changed: but the server cannot reflect the value. Do you want to change the mode?		i	0
0110	9107	The value has been changed: but the server cannot apply the value. Do you want to continue?		i	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.		

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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 Support Center.		
0190	5200	Security-file for download does not exist.	Call the Support Center.		
0190	5210	The number of storage devices exceeds the maximum.	You cannot register anymore.		
0190	5270	The Storage Navigator has already started.	Exit the Storage Navigator first, and then restart the Storage Navigator		
0190	6001	Failed to open the storage list file.	If the same error occurs again despite retrying, call the Support Center.		
0190	6002	Failed to open the storage list file.	If the same error occurs again despite retrying, call the Support Center.		
0190	6003	The storage list file does not exist.	Call the Support Center.		
0190	6004	Failed to open the storage list file.	If the same error occurs again despite retrying, call the Support Center.		
0190	6005	The storage list file does not exist.	Call the Support Center.		
0190	6010	The storage list file does not exist.	Call the Support Center.		
0190	6011	Failed to open the storage list file.	If the same error occurs again despite retrying, call the Support Center.		
0190	6012	The storage list file does not exist.	Call the Support Center.		
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 Support Center.		
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.		

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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 Support Center.	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.	W	5
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 Support Center.		
0290	6040	The user account list file does not exist.	Call the Support Center.		
0290	6050	Failed to open the backup file of the user account list.	Call the Support Center.		
0290	6060	Failed to back up the user account list file.	Call the Support Center.		
0290	6070	Failed to restore the user account list file.	Call the Support Center.		
0290	6080	Failed to open the user account list file.	If the same error occurs again despite retrying, call the Support Center.		
0290	6090	Failed to back up the user account list file.	Call the Support Center.		

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0290	6100	The password is invalid.	Set the correct password.		
0290	6110	A permission error occurred. (User Account List Edit Permission)	Call the Support Center.		
0290	6120	A permission error occurred. (User Option Panel View Permission)	Call the Support Center.		
0290	6130	Failed to open the user account list file.	Call the Support Center.		
0290	6140	Failed to open the user account list file.	If the same error occurs again despite retrying, call the Support Center.		
0290	6150	Failed to open the user account list file.	If the same error occurs again despite retrying, call the Support Center.		
0290	6160	Failed to open the user account list file.	If the same error occurs again despite retrying, call the Support Center.		
0290	6170	Failed to open the user account list file.	If the same error occurs again despite retrying, call the Support Center.		
0290	6180	Failed to open the user account list file.	If the same error occurs again despite retrying, call the Support Center.		
0290	6190	Failed to open the environment file.	If the same error occurs again despite retrying, call the Support Center.		
0290	6200	Failed to open the environment file.	If the same error occurs again despite retrying, call the Support Center.		
0290	6210	Failed to open the environment file.	If the same error occurs again despite retrying, call the Support Center.		
0290	6220	Failed to back up the environment file.	Call the Support Center.		
0290	6230	Failed to open the user account list file.	Call the Support Center.		
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 Support Center.		
0290	6270	Failed to open the environment file.	If the same error occurs again despite retrying, call the Support Center.		
0290	6280	A permission error occurred. (User Account List Edit Permission)	If the same error occurs again despite retrying, call the Support Center.		
0290	6290	Failed to back up the environment file.	Call the Support Center.		
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.		

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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 - Storage Navigator, and operate again. And yet this message has been displayed, install Remote Console - Storage Navigator 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.	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 Support Center.	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.	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 - Storage Navigator 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 - Storage Navigator Server, you should check the connection between CLIENT and SERVER first. Then execute the above 1 to 5.	E	2

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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 - Storage Navigator 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 - Storage Navigator 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 - Storage Navigator 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 - Storage Navigator 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.	Select [OK], and then confirm the controller list.	E	2
0310	5010	Specify 0 or above but below 256 in each field.	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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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/Uninstall.	If the same error occurs despite retrying, call the Support Center.	W	5
0405	5070	The product name is different. Select the correct program 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	The existing capacity of the licensed program product is invalid.	Order the appropriate license that meets the requirement.	W	5
0405	5073	To install/uninstall this program product, you must install/uninstall another program product first. Program Product Name Preamble Hitachi TrueCopy - S/390® Asynchronous Hitachi TrueCopy - S/390® Hitachi TrueCopy Asynchronous Hitachi TrueCopy ShadowImage -FlashCopy®Option ShadowImage - S/390® Prioritized Port Control Performance Monitor Hitachi Cruise Control Performance Monitor Hitachi SANTinel - S/390® Port Security Option Hitachi SANTinel - S/390®	Please install the related program product 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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0405	5077	To install/uninstall this program product, you must install/uninstall another program product first. Program Product Name Preamble Hitachi TrueCopy - S/390® Asynchronous Hitachi TrueCopy - S/390® Hitachi TrueCopy Asynchronous Hitachi TrueCopy ShadowImage -FlashCopy®Option ShadowImage - S/390® Prioritized Port Control Performance Monitor Hitachi Cruise Control Performance Monitor Hitachi SANTinel - S/390® Port Security Option Hitachi SANTinel - S/390®	To uninstall this program product, you should uninstall another program product first.	W	5
0405	5078	To install/uninstall this program product, you must install/uninstall another program product first. Program Product Name Preamble Hitachi TrueCopy - S/390® Asynchronous Hitachi TrueCopy - S/390® Hitachi TrueCopy Asynchronous Hitachi TrueCopy ShadowImage -FlashCopy®Option ShadowImage - S/390® Prioritized Port Control Performance Monitor Hitachi Cruise Control Performance Monitor Hitachi SANTinel - S/390® Port Security Option Hitachi SANTinel - S/390®	To uninstall this program product, you should uninstall another program product first.	W	5
0405	5079	This program product needs another DKC type.	Please call the Support Center.	W	5
0405	5080	You cannot change this program product.	Please call the Support Center.	W	5
0405	5087	Since the error occurred in another P.P., this P.P. was not processed.	Select anything except ALL Normal.	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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0405	5503	You have attempted to install an Emergency key to the option for which a Permanent key has been installed. If you want to install the Emergency key forcibly by using the license key file, please specify Only Normal & Warning and retry this operation. If you want to install the Emergency key forcibly by using the license key code, please select [OK].	To install an emergency key forcibly using the license key code, select OK. If you do not want to install the emergency key, select CANCEL.	W	5
0405	5524	The specified license key cannot be installed, because the environment required for the program product (license key) is not prepared.	Call the Support Center.	E	6
0405	5525	You cannot uninstall Open LDEV Guard, because "S-Vol disable" remains.	Remove the "S-Vol disable" setting.	E	5
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	The SVP is busy. Please perform again after a while.	Retry the same operation. If the same error occurs despite retrying, call the support center.	E	3
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	6517	Extended Copy Manager is running, but I/O operations might be in progress. Please stop the host I/O.	Please stop the host I/O.	W	6
0405	7060	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2
0405	7061	An error occurred. If this problem persists, please call the Support Center.	Retry again. If it occurs again, call the Support Center.	E	2
0405	7062	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2
0405	7063	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	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 Support Center.	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 Support Center.	E	2

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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	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.)	E	3
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 in use, you cannot uninstall 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 length 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.	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 Support Center.	E	2
0505	6050	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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	6
0505	6506	Communication busy. Please retry later.	Please confirm the Controller status and retry. Refer to SVPMSG05-30 "5. Error when operating HRC & HODM & HORC".	W	5
0505	6507	The licensed capacity of the program product became insufficient because required capacity exceeded the current maximum.	Please install the program product with the required capacity, and then retry the operation.	W	6
0505	6531	The SVP is busy. Please perform again after a while.	Retry the same operation. If the same error occurs despite retrying, call the support center.	E	3
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 Support Center.	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 Support Center.	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 Support Center.	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 Support Center.	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 Support Center.	E	2
0510	9010	There is a charge for this operation. Do you want to continue?		W	5
0605	2011	There may be a blocked component. Please call the Support Center.	Please check the DKC state. If this problem persists, please call the Support Center.	W	3
0605	2015	An error occurred while connecting to the subsystem. Please retry a little later.	A communication error occurs. If the same error occurs despite retrying, call the service personnel.	E	2
0605	2085	Copying is in progress for Hi-Copy pairs. Please wait for a while and then retry.	Please wait for a while and then retry.	W	3
0605	2086	The configuration of Hi-Copy is defined. Reset the configuration definition, and then retry the operation.	Reset the configuration definition, and then retry the operation.	W	3
0605	2087	The system is online to the mainframe host. Take the subsystem offline from the host.	Take the subsystem offline from the host.	W	3

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0605	2088	The Remote Copy pair is suspended. Add an alternative path.	Add an alternative path.	W	3
0605	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	3
0605	2090	The Hi-Copy 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	3
0605	2091	The backup server of ShadowImage/ShadowImage - S/390®/FlashCopy® Option is running. Please stop it and then retry.	Please stop the backup server and then retry.	W	3
0605	2092	Some Hi-Copy pairs exist. Please split them.	Please split the Hi-Copy pairs.	W	3
0605	2093	Some Hi-Copy pairs exist. Please resynchronize them.	Please resynchronize the Hi-Copy pairs.	W	3
0605	2094	Some Hi-Copy pairs exist. Please change the status of their volumes to Simplex.	Please change the status of their volumes to Simplex.	W	3
0605	2095	A maintenance operation is in progress. For example: - LDEV formatting is in progress - Correction Copy is in progress - Drive Copy is in progress - The CHA/DKA status is changing - The cache status is changing - Replacement	Please wait for a moment and retry.	W	3
0605	2200	The Concurrent Copy or the Hitachi Extended Remote Copy operation is in progress in the target volumes. Cancel the Concurrent Copy job or delete a Hitachi Extended Remote Copy pair via the host.	If the Concurrent Copy or the Hitachi Extended Remote Copy operation is in progress in the target volumes, cancel the Concurrent Copy job or delete a Hitachi Extended Remote Copy pair via the host. If the Concurrent Copy or the Hitachi Extended Remote Copy operation is not in progress in the target volumes, issue the LISTSESS, and LISTDVCS commands, check the SESSION ID No., and terminate SESSION by means of the TERMSESS command.	W	3
0605	2201	Processing cannot be performed because of Open LDEV Guard settings.	Please correct settings and then retry.	W	3
0605	3003	An error occurred. If this problem persists, please call the Support Center.	Internal logical error is detected. Contact the maintenance service center.	W	3
0605	5013	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0605	5099	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
0605	5511	The program product is not installed.	Install the program product.	W	5
0605	5625	You cannot create another pair, because the number of pairs in the group exceeds the maximum.	The number of pairs is decreased, and retry the operation.	W	5
0605	5626	The specified volume cannot be used because the write protection is set by LDEV Guard.	Please change the LDEV Guard setting.	W	5
0605	5821	The operation was rejected. The specified volumes cannot be used as S-VOLs because of an LDEV Guard setting.	Change the LDEV Guard setting so that the specified volumes can be used as S-VOLs.	i	0
0605	5827	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
0605	5828	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
0605	6012	An error occurred. If this problem persists, please call the Support Center.	Reboot the SVP PC and retry the operation. If this problem persists, please call the Support Center.	E	3
0605	6022	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	3
0605	6023	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	3
0605	6502	Currently processing. Wait a few minutes and then retry the operation.	Wait for a while, and retry the operation.	W	5
0605	6503	The target volume status is being changed to SMPL.	Wait for a while, and retry the operation.	W	5
0605	6533	An error occurred. If this problem persists, please call the Support Center.	Reboot the SVP PC and retry the operation. If this problem persists, please call the Support Center.	E	3
0605	6534	The number of Hi-Copy LUs that can be set to the subsystem exceeds the maximum.	Please decrease the number of Hi-Copy LUs and retry the configuration operation.	E	5
0605	6535	You cannot make changes because a logical path to the volume still remains.	Please delete a logical path and then make configuration changes.	E	5
0605	6536	The target volume cannot be changed due to its LUSE configuration.	Please release the LUSE volume, and then request configuration changes again.	E	5
0605	6537	It is not an error for this pre-setting.	It is not an error for this pre-setting. However, there is at least one error in other pre-settings. Please check and correct these pre-settings and retry the operation.	W	0
0605	7310	Unregistered error code.	If this problem persists, please call the Support Center.	E	5
0605	8000	An error occurred while connecting to the subsystem. Please retry a little later.	Retry the operation. If you get the same message again, please call the Support Center.	E	3
0605	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 Technical Support Center.	E	3

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0605	8002	A time-out error occurred while connecting to the subsystem. Please retry a little later.	Please retry a little later.	E	3
0605	8100	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
0605	8500	The program product is not installed.	Install the program product.	W	5
0605	8501	The command was rejected, because a status transition was in progress.	Wait for a while, and retry the operation.	W	5
0605	8502	You cannot reserve the volume, because a remote copy pair exists in the same subsystem frame.	Delete the Remote Copy pair.	W	5
0605	8503	You cannot create the new pair, because a remote copy pair exists in the same subsystem frame.	Delete the Remote Copy pair.	W	5
0605	8504	The command was rejected.	The operation failed, because of one of the following reasons: 1. You cannot execute the operation on the specified pair / volume. 2. The pairs of the Normal volume and CV cannot execute QuickRestore. Check the pair or volume status.	W	5
0605	8505	The requested command is invalid.	If the problem persists, call the Support Center.	W	5
0605	8506	The command was rejected. The specified S-VOL is being used from the host or by a Remote Copy volume.	Change the specified S-VOL to other volume, or stop using the S-VOL in the host or Remote Copy, and then retry the operation.	W	5
0605	8507	The Pairsplit command was issued to the pairs in a PSUS status.	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.	W	5
0605	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.	W	5
0605	8509	The Split command with the QUIESCE specification was issued to a secondary boot device.	Check the contents, and retry.	W	5
0605	8510	The M-VOL Suspend command was issued to a secondary boot device.	Check the contents, and retry.	W	5
0605	8511	You cannot reserve the volume, because a path group is set.	Detach the S-VOL from the host, or delete the Remote Copy path.	W	5
0605	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 Remote Copy path.	W	5
0605	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 Remote Copy, and then retry the operation.	W	5
0605	8514	No reserved volume can be allocated.	Delete the Reserve volume.	W	5
0605	8515	The number of cylinders in the reserved volume exceeds the maximum.	Check the contents, and retry.	W	5

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0605	8516	The number of P-VOL cylinders exceeds the maximum.	Check the contents, and retry.	W	5
0605	8517	The number of S-VOL cylinders exceeds the maximum.	Check the contents, and retry.	W	5
0605	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.	W	5
0605	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.	W	5
0605	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.	E	3
0605	8521	The number of multiple copy jobs exceeded the maximum.	Check the contents, and retry.	W	5
0605	8522	The emulation type of the P-VOL is not supported.	Specify the emulation type supported in ShadowImage.	W	5
0605	8523	The emulation type of S-VOL is not supported.	Specify the emulation type supported in ShadowImage.	W	5
0605	8524	The emulation type is not supported.	Specify the emulation type supported in ShadowImage.	W	5
0605	8525	Internal logic error.	If the problem persists, call the Support Center.	W	5
0605	8526	Internal logic error.	If the problem persists, call the Support Center.	W	5
0605	8527	Internal logic error.	If the problem persists, call the Support Center.	W	5
0605	8528	Internal logic error.	If the problem persists, call the Support Center.	W	5
0605	8529	Internal logic error.	If the problem persists, call the Support Center.	W	5
0605	8530	Internal logic error.	If the problem persists, call the Support Center.	E	3
0605	8531	Internal logic error.	If the problem persists, call the Support Center.	W	5
0605	8532	The P-VOL and S-VOL are being used by the host or by Remote Copy.	Check the target volume, or stop using it in Remote copy.	W	5
0605	8533	The emulation type of the specified reserved volume is not supported.	Specify the volume of the supported emulation type.	W	5
0605	8534	An internal logic contradiction occurred.	If the problem persists, call the Support Center.	W	5
0605	8535	A processor failure was detected.	If the problem persists, call the Support Center.	W	5
0605	8536	A cache failure was detected.	If the problem persists, call the Support Center.	W	5
0605	8537	The cache capacities do not match.	If the problem persists, call the Support Center.	W	5
0605	8538	An SM failure was detected.	If the problem persists, call the Support Center.	W	5
0605	8539	There is insufficient shared memory to create 4096 pairs.	There is insufficient shared memory in DKC. If the problem persists, call the Support Center.	W	5
0605	8540	There is sufficient shared memory to create 4096 pairs, but initial subsystem setup is required before creating pairs.	If the problem persists, call the Support Center.	W	5

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0605	8541	There is sufficient shared memory to create 4096 pairs, and the initial subsystem setup is complete.	Close the message box.	W	5
0605	8542	Failed to complete the initial shared memory setup.	If the problem persists, call the Support Center.	W	5
0605	8543	The shared memory size is different.	If the problem persists, call the Support Center.	W	5
0605	8544	16 Mbytes of shared memory are available.	Close the message box.	W	5
0605	8545	A power supply failure is detected.	If the problem persists, call the Support Center.	W	5
0605	8546	The command was rejected. The PS OFF is in progress.	Retry the operation with power ON.	W	5
0605	8547	A data transfer failure is detected (CHA).	If the problem persists, call the Support Center.	W	5
0605	8548	A data transfer failure is detected (DKA).	If the problem persists, call the Support Center.	W	5
0605	8549	The P-VOL is not implemented.	You cannot execute the operation for the volume which is not implemented.	W	5
0605	8550	The P-VOL cannot be used.	The LDEV has been blockaded. If the LDEV specified as P-VOL is an external LU, please execute the LDEV-restore operation. If nothing changes despite retrying, call the Support Center.	W	5
0605	8551	The P-VOL is being formatted.	Wait until the volume is formatted, and retry the operation.	W	5
0605	8552	The P-VOL is a command device.	Check the target volume.	W	5
0605	8553	The S-VOL is not implemented.	You cannot execute the operation for the volume which is not implemented.	W	5
0605	8554	The S-VOL cannot be used.	The LDEV has been blockaded. If the LDEV specified as S-VOL is an external LU, please execute the LDEV-restore operation. If nothing changes despite retrying, call the Support Center.	W	5
0605	8555	The S-VOL is being formatted.	Wait until the volume is formatted, and retry the operation.	W	5
0605	8556	The S-VOL is a command device.	Check the target volume.	W	5
0605	8557	The volume is not implemented.	You cannot execute the operation for the volume which is not implemented.	W	5
0605	8558	The volume cannot be used.	If the problem persists, call the Support Center.	W	5
0605	8559	The volume is being formatted.	Wait until the volume is formatted, and retry the operation.	W	5
0605	8560	The Volume is a command device.	Check the target volume.	W	5
0605	8561	The command code is invalid.	Check the contents, and retry.	W	5
0605	8562	The command code sender is invalid.	Check the contents, and retry.	W	5
0605	8563	The volume type is invalid.	Check the contents, and retry.	W	5
0605	8564	The volume type is invalid.	Check the contents, and retry.	W	5
0605	8565	The command code sender is invalid.	Check the contents, and retry.	W	5

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0605	8566	The attribute of the reserved volume is invalid.	Check the contents, and retry.	W	5
0605	8567	The number of effective lists is invalid.	Check the contents, and retry.	W	5
0605	8568	The emulation type is invalid.	Specify the volume of the supported emulation type.	W	5
0605	8569	The number of multiple jobs exceeded the maximum.	If the problem persists, call the Support Center.	W	5
0605	8570	The selected volume does not exist.	Refresh the screen, and retry the operation.	W	5
0605	8571	The volume is already defined as a reserved volume.	Check the contents, and retry.	W	5
0605	8572	The volume is already defined as a P-VOL.	Check the contents, and retry.	W	5
0605	8573	The volume is defined as a source volume for CruiseControl.	Check the corresponding condition.	W	5
0605	8574	The volume is defined as a destination volume for CruiseControl.	Check the corresponding condition.	W	5
0605	8575	The selected volume is not a reserved volume.	Check the contents, and retry.	W	5
0605	8576	No reserved volume is available for use.	Check the contents, and retry.	W	5
0605	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.	W	5
0605	8578	The P-VOL is already paired with a backup volume. The P-VOL cannot be paired with the target volume.	Check the contents, and retry.	W	5
0605	8579	No volume is defined as a reserved volume.	Define the reserve volume, and then retry the operation.	W	5
0605	8580	The specified volume is for backup servers only.	You cannot use the volume. Specify other volume, and retry the operation.	W	5
0605	8581	The specified volume is not for backup servers only.	Check the contents, and retry.	W	5
0605	8582	The emulation type of the target volume is being changed.	Wait for a while, and retry the operation.	W	5
0605	8583	The RAID level of the specified volume is not supported.	Specify a volume of the supported RAID level.	W	5
0605	8584	No volume is defined as a reserved volume.	Check the contents, and retry.	W	5
0605	8585	The number of reserved volumes exceeds the maximum.	Stop the operation of the Reserve volume setting, or delete the Reserve volume.	W	5
0605	8586	The number of groups that can be set in the same subsystem is invalid.	Check the contents, and retry.	W	5
0605	8587	The number of pairs that can be set in the same group is invalid.	Check the contents, and retry.	W	5
0605	8588	The specified group number is not set.	Check the contents, and retry.	W	5
0605	8589	The specified group name is invalid.	Check the contents, and retry.	W	5
0605	8590	The group name and the number do not match.	Check the contents, and retry.	W	5

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0605	8591	The specified pair is already set in another group.	Check the contents, and retry.	W	5
0605	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.	W	5
0605	8593	The P-VOL is a source volume for CruiseControl.	Check the corresponding condition.	W	5
0605	8594	The P-VOL is a destination volume for CruiseControl.	Check the corresponding condition.	W	5
0605	8595	The specified P-VOL does not exist.	Refresh, and then retry the operation.	W	5
0605	8596	The specified volume is a reserved volume.	Check the contents, and retry.	W	5
0605	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.	W	5
0605	8598	The specified volume is not a P-VOL.	Check the contents, and retry.	W	5
0605	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.	W	5
0605	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.	W	5
0605	8601	The target P-VOL cannot be paired with a backup server volume.	Check the contents, and retry.	W	5
0605	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.	W	5
0605	8603	The target volume is set as a primary volume for Data Migration.	Delete the Data Migration pair.	W	5
0605	8604	The target volume is set as a secondary volume for Data Migration.	Delete the Data Migration pair.	W	5
0605	8605	The Resync command was issued to a device in the SMPL status.	Check the pair status.	W	5
0605	8606	A new pair was created with an S-VOL forming the Remote Copy cooperation pattern.	Check the volume number for the pair creation, or delete the Remote Copy pair.	W	5
0605	8607	A pair status cannot be changed to the Remote Copy cooperation pattern.	Place the TC390 pair which uses the SI390 T-VOL as an S-VOL in the PSUE or SMPL status.	W	5
0605	8608	The specified volume is an S-VOL.	Refresh the screen, and retry the operation.	W	5
0605	8609	The specified volume is not set as a reserved volume.	Check the contents, and retry.	W	5
0605	8610	The S-VOL is a source volume for CruiseControl.	Check the corresponding condition.	W	5
0605	8611	The specified volume is an S-VOL.	Check the contents, and retry.	W	5
0605	8612	The specified volume is not an S-VOL.	Check the contents, and retry.	W	5
0605	8613	The RAID level of the specified S-VOL is not supported.	Specify the volume number of the supported RAID level.	W	5
0605	8614	The S-VOL is used as a Remote Copy P-VOL.	Delete the Remote Copy pair.	W	5

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0605	8615	The S-VOL is used as a Remote Copy S-VOL.	Delete the Remote Copy pair.	W	5
0605	8616	The S-VOL is used as a primary volume for Data Migration.	Delete the Data Migration pair.	W	5
0605	8617	The target S-VOL is used as a secondary volume for Data Migration.	Delete the Data Migration pair.	W	5
0605	8618	The S-VOL is defined as a P-VOL.	Check the volume number.	W	5
0605	8619	The target S-VOL is defined as a destination volume for CruiseControl.	Check the corresponding condition.	W	5
0605	8620	The volume specified as a reserved volume is already defined as a primary volume for Data Migration.	Delete the Data Migration pair.	W	5
0605	8621	The volume specified as a reserved volume is already defined as a secondary volume for Data Migration.	Delete the Data Migration pair.	W	5
0605	8622	The volume specified as a reserved volume is already defined as a Remote Copy M-VOL.	Delete the Remote Copy pair.	W	5
0605	8623	The reserved volume is defined as a Remote Copy R-VOL.	Delete the Remote Copy pair.	W	5
0605	8624	The selected volume is not paired.	Check the specified volume number.	W	5
0605	8625	The P-VOL(S-VOL) and S-VOL(T-VOL) have the same number.	Check the specified volume number.	W	5
0605	8626	The SMPL command was rejected, because the high-speed Split was in progress.	After the high-speed Split is completed, retry the operation.	W	5
0605	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.	W	5
0605	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.	W	5
0605	8629	The status mode specification is invalid.	Check the contents, and retry.	W	5
0605	8630	The status mode type is invalid.	Check the contents, and retry.	W	5
0605	8631	The specified CU number is invalid.	Check the contents, and retry.	W	5
0605	8632	The timing of issuing the command is invalid.	If the problem persists, call the Support Center.	W	5
0605	8633	The abnormal status is invalid.	If the problem persists, call the Support Center.	W	5
0605	8634	The volume specified as a reserved volume is already defined as a reserved volume for CruiseControl.	Change the volume number in order to specify the Reserve volume.	W	5
0605	8635	The specified P-VOL is defined as a reserved volume for CruiseControl.	Change the volume number in order to specify the Reserve volume.	W	5
0605	8636	The specified S-VOL is defined as a reserved volume for CruiseControl.	Change the volume number in order to specify the Reserve volume.	W	5
0605	8637	The specified P-VOL is used as a destination volume for CruiseControl.	Change the volume number in order to specify the Reserve volume.	W	5

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0605	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.	W	5
0605	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.	W	5
0605	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.	W	5
0605	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.	W	5
0605	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.	W	5
0605	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.	W	5
0605	8644	The request was rejected, because the pair is not in the Split/Suspend status.	Check the pair status.	W	5
0605	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.	W	5
0605	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.	W	5
0605	8647	The Reverse Copy request was rejected, because the S-VOL was shared by a Remote Copy pair.	Delete the Remote Copy pair.	W	5
0605	8648	The boot device and the P-VOL do not match in the Paircreate command.	Check the specified volume number.	W	5
0605	8649	Because the boot device is the S-VOL in the Pairsplit-S command, the flag does not match.	Check the specified volume number.	W	5
0605	8650	The boot device and the P-VOL do not match in the Paircreate, Resync, or Pairsplit-S command.	Check the target volume number.	W	5
0605	8651	The SSID is invalid.	Check the contents, and retry.	W	5
0605	8652	The boot device is not a P-VOL nor an S-VOL.	Check the target volume number.	W	5
0605	8653	Because the boot device is the P-VOL in the Pairsplit-S command, the flag does not match.	Check the target volume number.	W	5
0605	8654	Boot device and S-VOL do not match in Paircreate, Resync, or Pairsplit-S instructions.	Check the target volume number.	W	5
0605	8655	An invalid secondary SSID is specified for the Paircreate or Resync command.	Check the contents, and retry.	W	5
0605	8656	An invalid secondary SSID is specified for the DeletePair or Split command.	Check the contents, and retry.	W	5
0605	8657	The Swap&Freeze option cannot be specified, because the mode is invalid.	Check the setting you specified in Option tab.	W	5

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0605	8670	The number of LDEVs composing the LUSE volume for the P-VOL and the S-VOL are not same.	Please check the settings and make configuration changes again.	i	0
0605	8671	A pair cannot be created due to the difference in the number of LBAs.	Please try creating the pair again by using the volumes with same number of LBAs.	i	0
0605	8672	The specified combination of LDEVs for Hi-Copy is invalid.	Please review the volumes and retry the operation.	i	0
0605	8673	The emulation type of the LDEV for the Hi-Copy operation must be OPEN-V.	Please check the emulation type of the volume and retry the operation.	i	0
0605	8675	The I/O operation to the LDEV specified for Hi-Copy is in progress.	Stop the I/Os and retry the operation of changing configuration.	i	0
0605	8676	The specified volume is already used as a Hi-Copy volume.	Please check the settings and make configuration changes again.	i	0
0605	8677	The specified volume is already used as a Hi-Copy volume.	Please check the settings and make configuration changes again.	i	0
0605	8681	The volume specified as the migration source is being used by Hi-Copy.	Please check the settings and make configuration changes again.	i	0
0605	8682	The volume specified as the migration destination is being used by Hi-Copy.	Please check the settings and make configuration changes again.	i	0
0605	8683	The specified CTG is being used as the CTG for the mainframe.	Please check the settings and make configuration changes again.	i	0
0605	8684	The microprogram used for processing CTG setting does not support the At-TimeSplit function.	Please install the microprogram that supports the At-TimeSplit function.	i	0
0605	8687	The specified CTG number is outside the 0x00-0x7F range.	Please check the settings and make configuration changes again.	i	0
0605	8689	The volume specified by Hi-Copy is P-VOL for Remote Copy.	Please check the settings and make configuration changes again.	i	0
0605	8690	The volume specified by Hi-Copy is S-VOL for Remote Copy.	Please check the settings and make configuration changes again.	i	0
0605	8691	The volume specified by Hi-Copy is P-VOL for ShadowImage.	Please check the settings and make configuration changes again.	i	0
0605	8692	The volume specified by Hi-Copy is S-VOL for ShadowImage.	Please check the settings and make configuration changes again.	i	0
0605	8694	The specified volume is already used as a Hi-Copy volume.	Please check the settings and make configuration changes again.	i	0
0605	8695	The specified MU number is not less or equal to 2.	Please check the settings and make configuration changes again.	i	0
0605	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.	W	5
0605	8951	An error occurred on the DKC side. If this problem persists, please call the Support Center.	An error occurred on the DKC side. If this problem persists, please call the Support Center.	E	3
0605	8952	An error occurred on the DKC side. If this problem persists, please call the Support Center.	An error occurred on the DKC side. If this problem persists, please call the Support Center.	E	3

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
0605	8979	An error is detected in a path to an external LU.	Please remove the error from the path to the external LU, and then recover the LDEV.	E	5
0605	8981	The copy processing of Hi-Copy is in progress.	The copy processing of Hi-Copy is in progress.	E	5
0607	5036	Two or more commands which were not able to be processed were demanded.	Please check the settings, and retry the operation.	E	5
0607	5826	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	3
0607	6012	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	3
0607	6036	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
0610	6505	The number of Hi-Copy LUs that can be set to the subsystem exceeds the maximum.	Please decrease the number of Hi-Copy LUs and retry the configuration operation.	W	0
0610	6516	R-VOLs exist on the RCU port.	Please release the R-VOLs that have been set.	W	5
0610	7060	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
0610	7111	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
0610	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
0610	9060	Are you sure you want to delete the select low?	To continue processing, select [OK]. To stop processing, select [No].	W	0
0610	9130	The available numerical value for the ExG is from 1 to 156.	Please enter the numerical value to ExG again.	i	0
0610	9131	It takes time to execute the request. Do you still want to execute this request?	To continue processing, select [OK]. To stop processing, select [No].	i	0
0610	9361	The numerical value is not entered to ExG.	Please enter the numerical value to ExG.	i	0
0610	9364	Because the copy range of P-Vol and S-Vol is different, all the data in P-VOL may not be copied to S-VOL. Do you want to execute this operation?	Please select OK for continuing processing. Please select Cancel if you want to stop.	W	0
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 is already set.	You cannot specify any more.	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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
1010	5042	The maximum number of LUNs is already used. The maximum LUN number on 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	5070	LUN or CU:LDEV is repeated.	Please follow the correct operation procedure.	W	5
1010	5071	Path setup cannot be performed because the copy source is not an open-system volume.	Please follow the correct operation procedure.	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	5822	You entered the wrong item.	Correct the settings and then retry.	W	5
1010	5823	It is not updated.	Correct the settings and then retry.	W	5
1010	5867	No settings are possible because one or more volumes are reserved for use with Command Control Interface only.	Release the reserved volume setting(s), and then retry 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 Support Center.	E	2
1010	9012	Security for the specified Command Device LUN will be released. Do you want to continue?	Select [OK] for continuing processing. Select [Cancel] if you want to stop.	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	The selected port exists on a PCB in high-speed mode. If you change the topology parameter or the host speed parameter, the change will be applied to the PCB in high-speed mode. Are you sure you want to continue this operation?	If you wish to change the parameter of high-speed mode unit, please select [OK]. Otherwise, please select [Cancel].	i	0

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
1010	9017	Security will be added to the specified Command Device LUN. Do you want to continue?	Select [OK] for continuing processing. Select [Cancel] if you want to stop.	i	0
1010	9019	The specified LUN 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 host 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 specified WWN is incorrect. Please specify 16 characters. The characters can be any combinations of the following: -numerals (0-9) -letters from A to F -hyphens (-) -spaces However, keep in mind that an error occurs if you enter 0000000000000000.	Please enter a correct value, 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 of hosts is already registered.	Reduce the number, and retry.	W	5
1110	5042	The maximum number of LUNs is already used. The maximum LUN number on the port is 512.	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 host on the port.		W	5
1110	5051	The system cannot drop the host to the root.	Check the content of the operation.	W	5
1110	5052	The system cannot move the host. Specified host already exists in the destination.	Check the content of the operation.	W	5

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
1110	5053	The system cannot move the host. Specified name already exists in the destination.	Check the content of the operation.	W	5
1110	5054	You cannot drop the host onto a port if the security switch is 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	5066	The corresponding port cannot be changed because the security switch is OFF.	Check the content of the operation.	W	5
1110	5067	The corresponding port cannot be changed because the port is an initiator port.	Check the content of the operation.	W	5
1110	7060	An error occurred in the client logic.	Call the Support Center.	E	2
1110	5825	You cannot drop the host onto a host group.	Follow the correct operation procedure.	W	5
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 host 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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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
1205	6012	An error occurred. If this problem persists, please call the Support Center.	Failed to reserve the memory necessary for executing the request. Reboot the SVP PC and retry the operation. If the problem persists, obtain a dump and call the Support Center.	E	3
1205	6023	An error occurred. If this problem persists, please call the Support Center.	The SVP is busy. Wait for a while and re-execute the operation. Reboot the SVP PC and re-execute the operation. If the problem persists, obtain a dump and call the Support Center.	E	3
1205	6502	Processing in progress. Wait a few minutes and then retry the operation.	The SVP is busy. Wait for a while and then retry.	W	5
1205	6513	A command was doubly started.	Another request is received before the processing is completed. Re-execute the request after the processing is completed.	E	6
1205	6515	The specified host is performing I/O operations.	Stop the host I/O.	E	6
1205	7060	An error occurred. If this problem persists, please call the Support Center.	An internal logic error is found for the request. Obtain a dump and call the Support Center.	E	2
1205	7111	An error occurred. If this problem persists, please call the Support Center.	An unexpected parameter is set for the request. Check the setting. If you cannot determine the cause, obtain a dump and call the Support Center.	E	3
1205	7310	Unregistered error code.	An unexpected error code is detected internally. Repeat the same operation several times. If the problem persists, obtain a dump and call the Support Center.	E	5
1205	8001	A time-out error occurred. Check the status of the controller and then retry.	A time-out error occurred during setting. If the problem persists, call the service personnel.	E	3

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
1205	8002	A communication time-out occurred while connecting to the subsystem. Please retry a little later.	A communication error occurred during setting. If the problem persists despite retrying, check the LAN setting between the SVP and the DKC. If the problem still remains, obtain a dump and call the Support Center.	E	3
1205	8102	This function is not supported.	The request from the SVP was rejected by the DKC. If the problem persists after a few tries, the following may be the cause: 1) The SVP microprogram version does not match the DKC microprogram version. 2) A blocked part exists in the DKC. If the problem still remains, obtain a dump and call the Support Center.	E	3
1310	5830	No more user authentication information can be registered due to maximum registration.	Please delete the unnecessary user authentication information, and then register again.	W	5
1310	9365	Do you want to delete?	To continue processing, select [OK]. To stop processing, select [Cancel].	i	5
1310	9366	The hosts will be disconnected. Do you want to continue?	To continue processing, select [OK]. To stop processing, select [Cancel].	W	5
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 contents, 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	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	More than 36 volumes cannot be combined to form an LUSE.	Check the content of the operation.	W	5
2010	5055	The size of LUSE exceeds 2TB.	Please follow the correct operation procedure.	W	5
2010	5056	The specified LDEV is inaccurate.	Please follow the correct operation procedure.	W	5
2010	5812	Are you sure you want to perform the LUSE operation on a volume that has a path definition?	Select OK to continue the operation. Select Cancel to stop the operation.	W	5
2010	5815	There are no LUSE volumes that can be reset. Check the specified volumes.	Follow the correct operation procedure.	W	5
2010	7060	An error occurred in the client logic.	Call the Support Center.	E	2
2010	8100	The selected LDEV cannot set LUSE.	Retry the same operation several times. If the same error occurs, call the Support Center.	W	5

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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
2010	9355	The specified volumes will be expanded to LUSE volume. Do you want to continue?	To continue processing, select [OK]. To stop processing, select [Cancel].	i	0
2010	9358	The selected LUSE volume will be reset. Do you want to continue?	To continue processing, select the OK button. To stop processing, select the Cancel button.	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 in use.	Check the content of the operation.	W	5
3010	5053	The specified SSID is already in use.	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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
3010	5054	Do one of the following before deleting the LDEV: - delete paths associated with the LDEV. - release the LUSE volume. - release the reserved volume of CruiseControl. - remove the Hitachi SANTinel - S/390® settings from the volume. - set access attribute of the LDEV to Read/Write.	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, the Command Device, the Hitachi SANTinel - S/390® volumes, and volumes with access attribute other than Read/Write.	Check the content of the operation.	W	5
3010	5057	There are not enough LDEVs.	Check the content of the operation.	W	5
3010	5060	Set 46 MB or larger.	Enter the correct value.	W	5
3010	5061	Set 50 or more cylinders.	Enter the correct value.	W	5
3010	5062	LDEV Creation failed because the specified capacity was invalid.	Enter the correct value.	W	5
3010	5064	LDEV capacity is not specified.	Specify LDEV capacity correctly.	W	5
3010	5065	The number of LDEVs is not specified.	Specify the number of LDEVs correctly.	W	5
3010	7060	An error occurred in the client logic.	Call the Support Center.	E	2
3010	7440	An error occurred. If this problem persists please call the Support Center.	If this problem persists, please call the Support Center.	E	2
3010	9001	Custom volume operation has completed.	The normal end was carried out. Select the [OK] button and close the dialog.	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?	Select [YES] for continuing processing. Select [NO] if you want to stop.	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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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 Support Center.	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 Support Center.	E	2
4010	7440	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
4010	9000	Prestaging has completed.	The normal end was carried out. Select the OK button and close the dialog.	i	0
4010	9010	The system will set the contents.		i	0
4010	9060	Do you want to delete?		i	0
4010	9340	Are you sure you want to reset the P.P. information?	The information of the program product will be called off if you select OK. button. The information will not be called off if you select the Cancel button.	W	5
4105	1603	This functionality is not available. FlashAccess is required.	Install the necessary program product.	E	6
4105	6012	An error has occurred on the server. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	3
4105	6023	An error has occurred on the server. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	3
4105	6510	The controller is busy now. Please retry a little later.	Please retry a little later.	E	5
4105	7060	An error has occurred on the server. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
4105	7111	An error has occurred on the server. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	3
4105	7310	Unregistered error code.	If this problem persists, please call the Support Center.	E	5
4105	7441	The specified value is outside the valid range.	Correct the specified content, and issue the request again.	E	3
4105	8001	A timeout error has occurred.	Retry the operation. If you get the same message again, reboot the PC. If necessary, please call the Support Center.	E	3
4105	8002	Communication busy. Please retry later.	Please retry later.	E	6

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
4105	8102	The SVP version and the DKC version do not match.	Please call the Support Center.	E	2
4105	8659	No PCBs are installed.	Please install PCBs.	E	5
4110	1032	The specified value is outside the valid range.	Correct the specified content, and issue the request again.	i	0
4110	7060	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
4110	9010	The system will set the contents.	The system will set the contents.	i	0
5105	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 Support Center.	E	2
5105	2015	A connection error has occurred.	Retry the same operation. If the same error occurs despite retrying, call the Support Center.	E	6
5105	2033	The server is now gathering the latest data. Internal processing in progress. Please wait a while, and then click the Refresh button.	The server is now gathering the latest data. Internal processing in progress. Wait for a while, and then click the Refresh button.	W	4
5105	2145	A connection error has occurred.	Retry the same operation. If the same error occurs despite retrying, call the Support Center.	E	6
5105	5010	An error occurred. If this problem persists, please call the Support Center.	Correct the specified content, and retry.	E	2
5105	5013	An error occurred. If this problem persists, please call the Support Center.	Correct the specified content, and retry.	E	2
5105	5099	An error occurred. If this problem persists, please call the Support Center.	Correct the specified content, and retry.	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 Support Center.	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 Support Center.	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 Support Center.	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 Support Center.	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 Support Center.	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 Support Center.	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 Support Center.	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 Support Center.	E	2

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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 Support Center.	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 Support Center.	E	2
5205	1076	The volume(s) is already being used by ShadowImage, ShadowImage - S/390® or FlashCopy® Option.	Check the status of the selected volume.	E	6
5205	1077	The volume(s) is already being used by ShadowImage, ShadowImage - S/390® or FlashCopy® Option.	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 Support Center.	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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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, ShadowImage - S/390® or FlashCopy® Option volume pairs exceeds the maximum.	Please release the ShadowImage/FlashCopy® Option 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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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 volume(s) is already being used by ShadowImage, ShadowImage - S/390® or FlashCopy® Option.	Check the status of the selected volume.	E	6
5205	1230	The volume(s) is already being used by ShadowImage, ShadowImage - S/390® or FlashCopy® Option.	Check the status of the selected volume.	E	6
5205	1231	The volume(s) is already being used by Data Migration.	Please release the Data Migration.	E	6
5205	1232	The volume(s) is already being used by ShadowImage, ShadowImage - S/390® or FlashCopy® Option.	Check the status of the selected volume.	E	6
5205	1233	The volume(s) is already being used by ShadowImage, ShadowImage - S/390® or FlashCopy® Option.	Check the status of the selected volume.	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 volume(s) is already being used by ShadowImage, ShadowImage - S/390® or FlashCopy® Option.	Check the status of the selected volume.	E	6
5205	1238	The volume(s) is already being used by ShadowImage, ShadowImage - S/390® or FlashCopy® Option.	Check the status of the selected volume.	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 volume(s) is already being used by ShadowImage, ShadowImage - S/390® or FlashCopy® Option.	Check the status of the selected volume.	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 plans that could be executed at once exceeds the maximum.	Retry the same operation. If nothing changes, contact the service personnel.	E	6

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
5205	1247	The specified volume is already a source volume.	Retry the same operation. If nothing changes, contact the service personnel.	E	6
5205	1248	The specified source/target volume is used for a Hi-Copy volume.	Re-execute the same operation. If the problem persists, call the service personnel.	E	6
5205	1249	The volume specified as a reserved volume is used for a Hi-Copy volume.	Re-execute the same operation. If the problem persists, call the service personnel.	E	6
5205	1253	The specified source volume is used for a Hi-Copy volume.	Re-execute the same operation. If the problem persists, call the service personnel.	E	6
5205	1254	The specified target volume is used for a Hi-Copy volume.	Re-execute the same operation. If the problem persists, call the service personnel.	E	6
5205	1255	The volume specified as a reserved volume is used for a Hi-Copy volume.	Re-execute the same operation. If the problem persists, call the service personnel.	E	6
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.	Retry the same operation. If the same error occurs despite retrying, call the Support Center.	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 Support Center.	E	6
5205	2025	The controller detected the blockade location.	Call the Support Center.	E	6
5205	2026	The controller detected the blockade location.	Call the Support Center.	E	6
5205	2027	The controller detected the blockade location.	Call the Support Center.	E	6
5205	2028	The controller detected the blockade location.	Call the Support Center.	E	6
5205	2029	A data transfer failure was detected.	Call the Support Center.	E	6
5205	2030	A data transfer failure was detected.	Call the Support Center.	E	6
5205	2033	The server is now gathering the latest data. Internal processing in progress. 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.	Invalid interface between the functions inside the agent is detected. Call the Support Center.	E	2
5205	3003	An error occurred. If this problem persists, please call the Support Center.	Internal logical error is detected. Call the Support Center.	E	2
5205	5013	An error occurred. If this problem persists, please call the Support Center.	Correct the specified content, and retry.	E	2
5205	5099	An error occurred. If this problem persists, please call the Support Center.	Correct the specified content, and retry.	E	2
5205	5504	The volume(s) is already being used by Data Migration.	Please release the Data Migration.	E	6
5205	5505	The volume(s) is already being used by Remote Copy.	Please Release the Remote Copy Pair.	E	6

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
5205	5506	The volume(s) is already being used by Remote Copy whose status is not Suspend	Please release the Remote Copy Pair.	E	6
5205	5507	The volume is not the target volume.	Please try again.	E	6
5205	6000	An error occurred. If this problem persists, please call the Support Center.	If the same error occurs despite retrying, call the Support Center.	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 Support Center.	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 Support Center.	E	2
5205	6022	The system failed to access the file. Please retry after a while.	An error occurred. If this problem persists, call the Support Center.	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 Support Center.	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 Support Center.	i	0
5205	6511	Please check pair status.	Please check pair status.	E	6
5205	6512	Please check pair status.	Please check pair status.	E	6
5205	6531	The SVP is busy. Please perform again after a while.	Retry the same operation. If the same error occurs despite retrying, call the support center.	E	3
5205	6532	The server is now gathering the latest data. Internal processing is in progress. Please retry after a while.	Please retry after a while. If the problem persists despite retrying, call the service personnel.	E	3
5205	7400	Failed to get information from hihsmatm.ini.	Retry the same operation several times. If the same error occurs, call the Support Center.	E	6
5205	7401	Failed to get information from hihsmpIn.ini.	Retry the same operation several times. If the same error occurs, call the Support Center.	E	6
5205	7402	Failed to get information from hihsmpfg.ini.	Retry the same operation several times. If the same error occurs, call the Support Center.	E	6
5205	7403	Failed to get information from hihsmcIs.ini.	Retry the same operation several times. If the same error occurs, call the Support Center.	E	6
5205	7404	Failed to get information from hihsmpgr.ini.	Retry the same operation several times. If the same error occurs, call the Support Center.	E	6
5205	7405	Failed to get information from hihsmdlV.ini.	Retry the same operation several times. If the same error occurs, call the Support Center.	E	6
5205	7406	Failed to get configuration information.	Retry the same operation several times. If the same error occurs, call the Support Center.	E	6
5205	7407	Cannot make proper migration plan for this function.	Retry the same operation several times. If the same error occurs, call the Support Center.	E	6

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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 Support Center.	E	6
5205	7409	Failed to write to hihsmpIn.ini.	Retry the same operation several times. If the same error occurs, call the Support Center.	E	6
5205	7410	Failed to write to hihsmpgr.ini.	Retry the same operation several times. If the same error occurs, call the Support Center.	E	6
5205	7411	Failed to write to hihsmdlV.ini.	Retry the same operation several times. If the same error occurs, call the Support Center.	E	6
5205	7412	It cannot make auto migration plan(Parameter error).	Retry the same operation several times. If the same error occurs, call the Support Center.	E	6
5205	7413	Invalid data from hihsmpIn.ini.	Retry the same operation several times. If the same error occurs, call the Support Center.	E	6
5205	7414	Invalid data from hihsmpgr.ini.	Retry the same operation several times. If the same error occurs, call the Support Center.	E	6
5205	7415	Invalid data from hihsmdlS.ini.	Retry the same operation several times. If the same error occurs, call the Support Center.	E	6
5205	7416	Invalid data from hihsmpgr.ini.	Retry the same operation several times. If the same error occurs, call the Support Center.	E	6
5205	7417	Invalid data from hihsmdlV.ini.	Retry the same operation several times. If the same error occurs, call the Support Center.	E	6
5205	7418	Invalid configuration information.	Retry the same operation several times. If the same error occurs, call the Support Center.	E	6
5205	7419	Invalid reserve volume information.	Retry the same operation several times. If the same error occurs, call the Support Center.	E	6
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 Support Center.	E	6
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 Support Center.	E	6
5205	7422	A memory allocation error occurred.	Retry the same operation several times. If the same error occurs, call the Support Center.	E	6
5205	7423	An internal error occurred.	Retry the same operation several times. If the same error occurs, call the Support Center.	E	6
5205	7424	Failed to delete all plans.	Retry the same operation several times. If the same error occurs, call the Support Center.	E	6
5205	7426	Failed to delete plan.	Retry the same operation several times. If the same error occurs, call the Support Center.	E	6
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 Support Center.	E	6
5205	8100	This function is not supported.		E	6

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
5205	8102	This function is not supported.	Retry the same operation several times. If the same error occurs, call the Support Center.	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
5210	9357	Some errors occurred. Find on-screen items that could not be changed.	Find error locations. If necessary, retry the operation.	i	5
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 properly 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 Support Center.	E	2
5305	2015	A connection error has occurred.	Retry the same operation. If the same error occurs despite retrying, call the Support Center.	E	3
5305	2033	The server is now gathering the latest data. Internal processing is in progress. 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 Support Center.	E	3
5305	3003	An error occurred. If this problem persists, please call the Support Center.	Internal logical error is detected. Call the Support Center.	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.	Retry the same operation. If nothing changes, call the Support Center.	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 Support Center.	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.	Call the Support Center.	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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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 Support Center.	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 Support Center.	E	2
5305	6022	A file open error has occurred.	If the same error occurs despite retrying, call the Support Center.	E	2
5305	6023	A file access error has occurred.	If the same error occurs despite retrying, call the Support Center.	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 Support Center.	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 Support Center.	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 Support Center.	E	2
5305	7111	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	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 Support Center.	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 Support Center.	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 Support Center.	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 Support Center.	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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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 specified WWN is incorrect. Please specify 16 characters. The characters can be any combinations of the following: -numerals (0-9) -letters from A to F -hyphens (-) -spaces However, keep in mind that an error occurs if you enter 0000000000000000.	Please enter a correct value, 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 a different Nickname.	Check the content, and retry.	W	5
5310	6518	First, delete the WWN from the PPC group.	Delete the WWN from the PPC group.	i	5
5310	6519	Do you want to change the WWN for other ports, too?	Select [Yes] if you want to change the WWN for other ports.	i	5
5310	7427	Configuration information is not correct. Please call the Support Center.	Retry the same operation several times. If the same error occurs, call the Support Center.	E	2

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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 control status will change to "Port Control".	The control status will change to "Port Control". Select [OK].	W	5
5310	9313	The control status will change to "WWN Control".	The control status will change to "WWN Control". Select [OK].	W	5
5310	9314	There is no control, because the upper value is 0 in all ports.	Please set up a maximum value to control.	W	5
5310	9315	The short range monitoring switch is turned OFF. If you use the real time option for the first time, turn ON the short range monitoring switch. If you use the option for the second time or more, exit Storage Navigator once, restart Storage Navigator, and then turn ON the short range monitoring switch.	If you use the real time option for the first time, turn ON the short range monitoring switch. If you use the option for the second time or more, exit Storage Navigator once, restart Storage Navigator, and then turn ON the short range monitoring switch.	i	5
5310	9326	The control status will change to "No Control".	Please continue work, when you may change in the state where it does not control.	W	5
5310	9328	Settings on removed ports still remain. To clear the settings, please check the "Delete ports if CHIP board is removed" check box and then select the Apply button.	To clear settings on removed ports, check the "Delete ports if CHA is removed" check box and then select the Apply button.	N	5
5310	9329	If you want to continue initialization, please select OK on the next panel. If you want to quit the operation, please select Cancel on the next panel.	If you select OK on the next panel, the settings on port control will be initialized. If you want to quit the operation, select Cancel on the next panel.	W	5
5310	9330	If you want to continue initialization, please select OK on the next panel. If you want to quit the operation, please select Cancel on the next panel.	If you select OK on the next panel, the settings on WWN control will be initialized. If you want to quit the operation, select Cancel on the next panel.	W	5
5310	9331	The specified WWN is already in use.	Correct the specified contents, and request the setting of the configuration information again.	W	5
5310	9333	Do you want to change the control status to Port Control?	Select Yes if you want to change the control status.	i	5
5310	9334	Do you want to change the control status to WWN Control?	Select Yes if you want to change the control status.	i	5
5310	9335	Do you want to change the control status to No Control?	Select Yes if you want to change the control status.	i	5
6005	5013	An error occurred. If this problem persists please call the Support Center.	Retry the same operation. If nothing changes, call the Support Center.	E	2
6005	5099	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
6005	5145	This function does not support the specified port.	Refresh the screen.	i	4
6005	6000	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the Support Center.	E	2

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
6005	6012	An error occurred. If this problem persists please call the Support Center.	If nothing changes despite retrying, call the Support Center.	E	2
6005	6023	The SVP is busy. Please perform again after a while.	Retry the same operation. If the same error occurs despite retrying, call the support center.	E	3
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	8104	The Remote Copy pair status has not changed yet. Check the MCU/RCU configuration, and the condition of the paths between the CUs, and then confirm the Remote Copy pair status is changed properly.	Check if the MCU/RCU configuration, and the condition of the paths between the CUs comply with the operating condition. Check the MCU/RCU configuration, and the condition of the paths between the CUs, and then confirm the Remote Copy pair status is changed properly.	W	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 Paths 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 the RCU option screen due to a communication error between the MCU and RCU, or the device emulation type of the R-VOL is not supported by Remote Copy via serial interface.	Please check the paths status on the RCU Status screen, and reestablish the paths on the Edit Path screen. Please refer to the OPENPLATFORM SECTION in the maintenance manual to confirm whether the device emulation type of the R-VOL is supported by Remote Copy via serial interface.	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 Data Migration 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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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 due to 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 already 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.	An internal error has occurred. Please call the Support Center.	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, link address and controller ID of the RCU, and set the correct value. Then retry the operation. If the same error occurs, contact the Support Center.	E	4
6005	8720	Too many RCUs. (Four RCUs are the maximum).	A maximum of four RCUs are permitted, and that many already exist.	i	4
6005	8721	Path not completely established.	Check the path connections between the MCU and the RCU, then retry the operation.	E	4
6005	8722	Failure during path creation.	Check the path connections between the MCU and the RCU, then retry the operation.	E	4

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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 paths is less than the minimum specified 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	Current 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 exceeds the number of normal paths.	Please add the normal path(s), and then set the minimum number of paths.	i	4
6005	8728	The number of minimum paths exceeds the number of normal paths.	Please take either of the following actions:1. Add normal paths, and then delete the paths.2. Decrease the number of minimum paths, and then delete the 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.	Delete all Remote Copy volume pairs of the specified RCU or SSID, and retry the operation.	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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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	The device emulation type of the M-VOL is not supported by Remote Copy or Remote Copy via serial interface.	Please refer to the INSTALLATION SECTION and OPENPLATFORM SECTION in the maintenance manual to confirm whether the device emulation type of the M-VOL is supported by Remote Copy (via serial interface).	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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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	The serial number, SSID or CU number of RCU is invalid.	1. Check the serial number, SSID or CU number of the RCU, and retry the operation with correct parameters. 2. Check the connection LCP ports of the RCU. Connect the path correctly, and retry the operation.	E	4
6005	8756	MCU disk array cache 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 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, or the device emulation type of the R-VOL is not supported by Remote Copy via serial interface.	Please confirm the SSB of the specified R-VOL. Please refer to the OPENPLATFORM SECTION in the maintenance manual to confirm whether the device emulation type of the R-VOL is supported by Remote Copy via serial interface.	W	4

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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 another 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 another 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	Change pair operation failed due to communication error or the 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. Also view the License Key panel at the RCU side and check the licensed capacity for LDEV Guard. If the licensed capacity for LDEV Guard is insufficient, purchase a license key for a larger capacity.	E	4
6005	8773	Pair 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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
6005	8779	Hitachi TrueCopy is not supported under the RCU controller type.	This controller type does not support Hitachi TrueCopy operations.	i	4
6005	8780	Hitachi TrueCopy – S/390® function is not installed in the specified controller.	The Hitachi TrueCopy option must be installed in the MCU and RCU before a Hitachi TrueCopy volume pair can be created.	i	4
6005	8781	Hitachi TrueCopy – S/390® function is not installed in the specified controller.	The Hitachi TrueCopy option must be installed in the MCU and RCU before a Hitachi 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).	Install the TrueCopy-S/390® Semi-Sync option in the MCU and RCU, and then retry the operation.	i	4
6005	8784	The Remote Copy Semi-Sync function is not installed in specified controller(s).	Install the TrueCopy-S/390® Semi-Sync option in the MCU and RCU, and then retry the operation.	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 Hitachi TrueCopy for the expansion volume.	i	4
6005	8788	The specified expanded volume (Port/ID/LUN) is not defined in the RCU, or the device emulation type of the S-VOL is not supported by Remote Copy via serial interface.	Please confirm the Port/ID/LUN in the RCU. Please refer to the OPENPLATFORM SECTION in the maintenance manual to confirm whether the device emulation type of the S-VOL is supported by Remote Copy via serial interface.	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 Hitachi 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	Add Pair (Paircreate) operation failed because the LDEV Guard function is not installed in the specified RCU. Install LDEV Guard and retry the operation.	Install the tLDEV Guard in the MCU and the RCU, then retry the operation.	i	4
6005	8793	The Hitachi TrueCopy function is not installed on specified controller(s).	Install Hitachi TrueCopy in the MCU and the RCU, then retry the operation.	i	4
6005	8794	The Hitachi TrueCopy function is not installed in the specified controller(s).	Install Hitachi TrueCopy in the MCU and the RCU, then retry the operation.	i	4

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
6005	8795	The M-VOL should have Shadow Image - S/390®/BC Split pair (PSUS) status when defined as T-VOL, not to be Reserve VOL, and should not be a Shadow Image - S/390®/BC 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/ FlashCopy® Option T-VOL, Reserve VOL, nor ShadowImage-S390®/ShadowImage/ FlashCopy® Option Reverse 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/ FlashCopy® Option 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/ FlashCopy® Option.	The Add Pair operation failed because the MCU is already being used by ShadowImage/FlashCopy® Option. 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. Register a new C/T group.	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.	i	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.	i	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.	i	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. Register a new C/T group.	i	4

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
6005	8808	Please retry. Add Pair(Paircreate)/Resume Pair(Pairresync) operation in 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.	i	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.	i	4
6005	8810	Hitachi TrueCopy – S/390® Asynchronous function is not installed in the specified RCU.	Install Hitachi TrueCopy Asynchronous in the RCU and retry the operation.	i	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.	i	4
6005	8812	This version does not support the coexistence of Hitachi TrueCopy – S/390® Asynchronous pairs and Synchronous pairs in the same DKC subsystems(s).	The add pair operation failed. This version does not support intermix of Hitachi TrueCopy Asynchronous pairs and Synchronous pairs in the same DKC. Refresh the screen and confirm the Copy Mode in the MCU and RCU.	i	4
6005	8813	Specified M-VOL is a ShadowImage - S/390®/ShadowImage/FlashCopy® Option volume. This version does not support it.	This microcode version does not support ShadowImage/FlashCopy® Option, and the specified M-VOL is a ShadowImage/FlashCopy® Option volume. Verify the status of the M-VOL and retry.	i	4
6005	8814	Specified R-VOL is a ShadowImage - S/390®/ShadowImage/FlashCopy® Option volume. This version does not support it.	This microcode version does not support ShadowImage/FlashCopy® Option, and the specified R-VOL is a ShadowImage/FlashCopy® Option volume. Verify the status of the R-VOL and retry.	i	4
6005	8815	Hitachi TrueCopy Asynchronous function is not installed in the specified RCU.	Install the Hitachi TrueCopy Asynchronous function in the RCU, then retry the operation.	i	4
6005	8816	Add Pair(Paircreate) operation failed because combining Hitachi TrueCopy – S/390® Asynchronous pairs and Hitachi TrueCopy Asynchronous pairs is not allowed in the same CT Group.	The operation failed because Hitachi 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 must not be in an intervention required condition nor in a protection condition.	Check the status of the specified R-VOL.	W	4
6005	8820	The specified R-VOL is not a permissible condition of Remote Copy.	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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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	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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
6005	8839	Invalid RCU serial number, SSID, Link Address or Controller ID.	Check the serial number, SSID, link address and controller ID of the RCU, and set the correct value. Then retry the operation. If the same error occurs, contact the 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 is 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, link address and controller ID of the RCU, and set the correct value. Then retry the operation. If the same error occurs, contact the 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	Data Migration volume pair cannot be terminated because migration copy is in progress or the specified volume may in use by 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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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 is 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.	The pair status does not allow this operation. Refresh and confirm the pair status information on the panel first. If the R-VOL status is valid, retry the operation.	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 - Storage Navigator 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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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 Hitachi TrueCopy – S/390® Asynchronous function is not installed in specified MCU.	Install Hitachi 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	The Hitachi TrueCopy Asynchronous function is not installed in the specified MCU.	Install the Hitachi TrueCopy Asynchronous function in the MCU and 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 that correspond 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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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 - Storage Navigator 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 Remote Copy Function).	E	5

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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 Remote Copy 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 - Storage Navigator 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 - Storage Navigator 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 - Storage Navigator 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 - Storage Navigator 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
6005	8921	The specified M-VOL must not be in an intervention-required condition nor in a protection condition.	Check the status of the specified M-VOL.	W	4
6005	8922	The specified MCU does not support serial remote copy connections.	Please confirm whether the MCU supports serial remote copy connections. Please install the microprogram of version that supports serial remote copy connections, or use fibre remote copy connections.	E	4
6005	8923	The specified RCU does not support serial remote copy connections.	Please confirm whether the RCU supports serial remote copy connections. Please install the microprogram of version that supports serial remote copy connections, or use fibre remote copy connections.	E	4

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
6005	8924	Logical paths exist on the RCU port.	Delete the logical paths on the specified port and retry the operation.	E	4
6005	8926	The specified R-VOL is prohibited to use by Hitachi SANTinel – S/390®.	Confirm the status of Hitachi SANTinel of the specified R-VOL.	E	4
6005	8927	The specified M-VOL is prohibited to use by Hitachi SANTinel – S/390®.	Confirm the status of Hitachi SANTinel of the specified M-VOL.	E	4
6005	8929	Invalid port type. Check the port type, and then retry the operation.	Check the port type of the specified port and retry the operation.	W	4
6005	8930	Logical paths exist on the RCU port.	Delete the logical paths on the specified port and retry the operation.	E	4
6005	8931	Logical paths exist on the RCU port.	Please delete the logical paths on the specified port and retry the operation.	E	4
6005	8932	Since the configuration definition of the specified CU number does not exist, the logical paths between MCU and RCU cannot be established.	Please check whether specified CU number is defined as configuration information.	W	4
6005	8937	The Paircreate operation with the fibre-channel remote copy connection failed because there are pairs with the serial remote copy connection in the specified MCU.	Please delete all the pairs with the serial remote copy connection in the specified MCU, then retry the operation.	W	4
6005	8938	The Paircreate operation with the serial remote copy connection failed because there are pairs with the fibre-channel remote copy connection in the specified MCU.	Please delete all the pairs with the fibre-channel remote copy connection in the specified MCU, then retry the operation.	W	4
6005	8939	The specified P-VOL cannot be used.	Please check the LUN of the specified P-VOL using RAID manager, and specify the LUN with the value less than 256 for P-VOL.	W	4
6005	8940	The operation failed because the specified R-VOL is in a Read Only status by LDEV Guard.	Confirm the status of the specified R-VOL.	i	4
6005	8943	The specified volume or other volume(s) of the same group in the RCU is being changed to Simplex/Suspend status. Retry the operation a few minutes later.	Refresh the panel a few minutes later and check the status of the specified volume and other volume(s) of the same group in the RCU. If it is possible to perform operations on the volume(s), please retry the operation.	i	4
6005	8944	The specified S-VOL is not available according to the attribute of the S-VOL changed by Open LDEV Guard.	Check the status of the specified S-VOL.	i	4
6005	8945	SSID or CU number of the specified RCU, or the Port-Group-LUN of S-VOL is invalid.	Check SSID, and CU number of the RCU, and Port-Group-LUN of S-VOL. Retry the operation with correct parameters.	W	4
6005	8947	The LU for Hi-Copy that is mapped to an internal LU is connected to the port.	Release the setting of the LU for Hi-Copy, and retry.	i	4
6005	8948	The specified port is receiving I/O requests.	Stop I/O operations, and retry.	i	4
6005	8949	An internal error occurred.	See the SSB log and call the Technical Support Center.	E	4
6005	8950	An internal error occurred.	See the SSB log and call the Technical Support Center.	E	4

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
6005	8972	You cannot create a pair, because the specified P-VOL is already in use by Hi-Copy.	Check the status of the specified P-VOL.	i	4
6005	8973	You cannot create a pair, because the specified S-VOL is already in use by Hi-Copy.	Check the status of the specified S-VOL.	i	4
6005	8976	You cannot create a pair, because the specified P-VOL is a Hi-Copy volume.	Check the status of the specified P-VOL.	i	4
6005	8977	You cannot create a pair, because the specified S-VOL is a Hi-Copy volume.	Check the status of the specified S-VOL.	i	4
6005	8980	The operation failed because the licensed capacity of LDEV Guard on the RCU side was exceeded.	Confirm the licensed capacity of LDEV Guard on the RCU side. If you need to execute this operation, purchase a license key that allows you to use a larger capacity.	W	4
6005	8982	You cannot create a pair, because the specified M-VOL is a command device.	Specify the correct volume.	i	4
6005	8983	You cannot create a pair, because the specified R-VOL is a command device.	Specify the correct volume.	i	4
6007	5074	Hitachi TrueCopy or TrueCopy - S/390® is not installed.	Install Hitachi TrueCopy or TrueCopy - S/390®.	i	4
6007	6000	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the Support Center.	E	2
6007	6002	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the Support Center.	E	2
6007	6012	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the Support Center.	E	2
6007	6022	The SVP is busy. Please perform again after a while.	Retry the same operation. If the same error occurs despite retrying, call the support center.	E	3
6007	6023	The SVP is busy. Please perform again after a while.	Retry the same operation. If the same error occurs despite retrying, call the support center.	E	3
6007	6024	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the Support Center.	E	2
6007	6036	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, call the Support Center.	E	2
6007	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 Technical Support Center.	E	4
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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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 a valid combination of parameters.	Check the condition for setting parameter, and re-execute 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	5140	The specified CU number is incorrect. Specify the correct CU number.	Specify the correct CU number.	W	0
6010	5141	The Specified device value is incorrect. Specify the correct device number.	Specify the correct device number.	W	0
6010	5142	The specified group number is incorrect. Specify the correct group number.	Specify the correct group number.	W	0
6010	5143	The specified LUN value is incorrect. Specify the correct LUN.	Specify the correct LUN.	W	0
6010	5144	Some of the entered values are incorrect. Check the values and then specify correct values.	Check the entered values and then specify correct values.	W	0
6010	7060	An error occurred in the client logic.	Call the Support Center.	E	2
6010	7301	An error occurred in the client logic.	Call the Support Center.	E	2
6010	7302	An error occurred in the client logic.	Call the Support Center.	E	2
6010	7303	An error occurred in the client logic.	Call the Support Center.	E	2

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
6010	7440	An error occurred. If this problem persists, please call the Support Center.	Please restart Storage Navigator and retry the operation. If this problem persists, please call the Support Center.	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	8928	An error occurred when copying started.	Please suspend the specified pair, and perform the operation to resume the pair.	W	0
6010	9003	Snapshot has failed.	If nothing changes despite retrying, call the Support Center.	W	0
6010	9004	Snapshot is done.	Select [OK].	i	0
6010	9006	Exchange the channel cable connections after confirmation of the port type.	The same as the message.	W	5
6010	9007	Please confirm that the specified R-VOLs are varied off-line.	The same as the message.	W	0
6010	9008	SIMs of Remote Copy are cleared.	Select [OK].	i	0
6010	9009	Snapshot is complete.	Select [OK].	i	
6010	9021	The Port Setting process has not completed. Do you want to continue for other ports?	Select Yes to continue processing. After processing is complete, reset the port that 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 re-execute 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 associated 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 associated paths should be deleted before the operation.	The same as the message.	W	5
6010	9026	Are you sure you want to exchange the specified ports? The corresponding paths should be deleted before the operation. When a message, "Exchange the channel cable connections", is displayed, perform the cabling operation to avoid a failure report.	Select [OK] to continue the operation.	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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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	9115	The monitoring was stopped by another operator. The graph will be closed.	Select [OK].	i	0
6010	9116	The Rate value has been changed by another operator. The graph will be closed.	Select [OK].	i	0
6010	9117	Are you sure you want to close the graph?	If you want to close the graph, select [OK]. If not select [Cancel].	i	0
6010	9118	Please check the specified value.	If you want to apply this setting, select [OK]. If you want to change the setting, select [Cancel].	i	0
6010	9119	No graph item has been selected. Please select a graph item.	Select a graph item.	i	0

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
6010	9120	The graph will be closed if you execute the processing. Do you want to execute the processing?	If you want to execute the processing and close the graph, select [OK]. If not, select [Cancel].	i	0
6010	9121	Data has been changed and the graph has been displayed. If you continue this operation, all the data and the graph will become invalid. Are you sure you want to continue this operation?	If you want to execute this operation, select [OK]. If not, select [Cancel].	i	0
6010	9122	Are you sure you want to output pair status into a snapshot file? (Warning: The snapshot file will be overwritten.)	If you want to output a snapshot file, select [OK]. If you want to cancel the operation, select [Cancel].	i	0
6010	9123	Are you sure you want to output pair status into a snapshot file? Select [Detail] if you want to output the pair establish time and the pair update time. (Warning: The snapshot file will be overwritten.)	If you want to output the pair establish time and the pair update time, Select [Detail]. If you don't want to output them, select [Quick]. If you want to cancel the operation, select [Cancel].	i	0
6010	9124	This process may take up to %d minutes. Do you want to continue?	If you want to continue the operation, select [OK]. If you want to cancel the operation, select [Cancel].	i	0
6010	9125	Are you sure you want to stop this operation?	If you want to stop the operation, select [OK]. If you want to continue the operation, select [Cancel].	W	0
6010	9126	The script is running now. Are you sure you want to terminate the script?	Select [OK] if you want to terminate the script. If not, select [Cancel].	W	0
6010	9127	Are you sure you want to close all active graphs?	If you want to close the graphs, select OK. If not, select Cancel.	i	0
6010	9128	The specified volume was not found.	Select OK, and then specify the correct volume.	i	0
6010	9129	Recovered from the error that occurred when copying started.	Select the OK button to continue processing.	i	0
6010	9154	As a 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	9155	The history file has been updated. Select OK button to display the history logs from the beginning.	Select the OK button.	i	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. Moreover, please set up correctly the range of CU number to which the RCP port is applied.	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 Remote Copy).	W	0

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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 the same path more than once. The duplicate 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 terminate because there is no path 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. 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 terminate 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 a result of this operation, you will not be able to re-start ERASE R-VOL operation.	If you want to delete the pair, even though you cannot re-execute the R-VOL deletion, select OK. If not, select Cancel.	W	0
6010	9322	Snapshot has failed.	Select [OK]. Then contact maintenance staff.	E	4
6010	9323	Snapshot has been canceled.	Select [OK].	i	0
6010	9324	The specified operation is prohibited while the script is running.	Try again after the script ends.	W	0
6010	9325	The script is terminated forcibly.	Select [OK].	i	0
6010	9327	The monitoring time has been exceeded however the update of the history file has not completed, yet.	Select the Refresh button to update the history file. If this problem persists, please call the Support Center.	W	0
6010	9332	This operation is not applied yet.	Select the OK button, and then continue the operation.	i	0
6010	9337	The requested operation has started.	The requested operation has started. Please select the OK button to close the dialog.	i	0

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
6010	9360	The specified value exceeds the range. Alternatively, the size relationship between the specified values is not appropriate.	Check the specified values and retry the operation.	W	5
7005	5013	An error occurred. If this problem persists please call the Support Center.	If this problem persists please call the Support Center.	E	2
7005	5099	An error occurred. If this problem persists, please call the Support Center.	If this problem persists please call the Support Center.	E	2
7005	6012	An error occurred. If this problem persists please call the Support Center.	If nothing changes despite retrying, please call the Support Center.	E	2
7005	6023	The SVP is busy. Please perform again after a while.	Retry the same operation. If the same error occurs despite retrying, call the support center.	E	3
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.	If nothing changes despite retrying, please call the Support Center.	E	2
7007	7111	An error occurred. If this problem persists, please call the Support Center.	If nothing changes despite retrying, 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 was 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 continue?	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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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	5512	Failed to set the FlashCopy® Option, because the ShadowImage - S/390® or FlashCopy® Option program product is not installed.	Install the ShadowImage - S/390® or FlashCopy® Option program product.	i	0
7010	5625	You cannot create another pair, because the number of pairs in the group exceeds the maximum.	Please select the OK button.	i	0
7010	5626	The specified volume cannot be used because the write protection is set by LDEV Guard.	Please select the OK button.	i	0
7010	5654	The command was rejected, because the specified volume(s) are being used by Hi-Copy.	Please use other volumes or release the setting of Hi-Copy.	i	0
7010	5655	You cannot set a pair because the number of LBA is different for the specified volumes.	Please select other volumes which have the same number of LBA.	i	0
7010	5656	The specified volume(s) cannot be used to set a pair because the volume(s) are Hi-Copy volume(s).	Please select other volumes which are not Hi-Copy volumes.	i	0
7010	5821	The operation was rejected. The specified volumes cannot be used as S-VOLs because of an LDEV Guard setting.	Change the LDEV Guard setting so that the specified volumes can be used as S-VOLs.	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	Error details not available.	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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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.	The operation failed, because of one of the following reasons: 1. You cannot execute the operation on the specified pair / volume. 2. The pairs of the Normal volume and CV cannot execute QuickRestore. Check the pair or volume 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 Remote Copy, 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.	i	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.	i	0
7010	8509	The Split command with the QUIESCE specification was issued to a secondary boot device.	Check the contents, and retry.	i	0
7010	8510	The M-VOL Suspend command was issued to a secondary boot device.	Check the contents, and retry.	i	0
7010	8511	You cannot reserve the volume, because a path group is set.	Detach the S-VOL from the host, or delete the Remote Copy path.	i	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 Remote Copy path.	i	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 Remote Copy, and then retry the operation.	i	0
7010	8514	No reserved volume can be allocated.	Delete the Reserve volume.	i	0
7010	8515	The number of cylinders in the reserved volume exceeds the maximum.	Check the contents, and retry.	i	0
7010	8516	The number of P-VOL cylinders exceeds the maximum.	Check the contents, and retry.	i	0
7010	8517	The number of S-VOL cylinders exceeds the maximum.	Check the contents, and retry.	i	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.	i	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.	i	0

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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.	i	0
7010	8521	The number of multiple copy jobs exceeded the maximum.	Check the contents, and retry.	i	0
7010	8522	The emulation type of the P-VOL is not supported.	Specify the emulation type supported in ShadowImage.	i	0
7010	8523	The emulation type of S-VOL is not supported.	Specify the emulation type supported in ShadowImage.	i	0
7010	8524	The emulation type is not supported.	Specify the emulation type supported in ShadowImage.	i	0
7010	8525	Internal logic error.	Contact Hitachi Data Systems Support Center.	i	0
7010	8526	Internal logic error.	Contact Hitachi Data Systems Support Center.	i	0
7010	8527	Internal logic error.	Contact Hitachi Data Systems Support Center.	i	0
7010	8528	Internal logic error.	Contact Hitachi Data Systems Support Center.	i	0
7010	8529	Internal logic error.	Contact Hitachi Data Systems Support Center.	i	0
7010	8530	Internal logic error.	Contact Hitachi Data Systems Support Center.	i	0
7010	8531	Internal logic error.	Contact Hitachi Data Systems Support Center.	i	0
7010	8532	The P-VOL and S-VOL are being used by the host or by Remote Copy.	Check the target volume, or stop using it in Remote copy.	i	0
7010	8533	The emulation type of the specified reserved volume is not supported.	Specify the volume of the supported emulation type.	i	0
7010	8534	An internal logic contradiction occurred.	Contact Hitachi Data Systems Support Center.	i	0
7010	8535	A processor failure was detected.	Contact Hitachi Data Systems Support Center.	i	0
7010	8536	A cache failure was detected.	Contact Hitachi Data Systems Support Center.	i	0
7010	8537	The cache capacities do not match.	Contact Hitachi Data Systems Support Center.	i	0
7010	8538	An SM failure was detected.	Contact Hitachi Data Systems Support Center.	i	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.	i	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.	i	0
7010	8541	There is sufficient shared memory to create 4096 pairs, and the initial subsystem setup is complete.	Close the message box.	i	0
7010	8542	Failed to complete the initial shared memory setup.	Contact Hitachi Data Systems Support Center.	i	0
7010	8543	The shared memory size is different.	Contact Hitachi Data Systems Support Center.	i	0
7010	8544	16 Mbytes of shared memory is available.		i	0
7010	8545	A power supply failure is detected.	Contact Hitachi Data Systems Support Center.	i	0

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
7010	8546	The command was rejected. The PS OFF is in progress.	Retry the operation with power ON.	i	0
7010	8547	A data transfer failure is detected (CHA).	Contact Hitachi Data Systems Support Center.	i	0
7010	8548	A data transfer failure is detected (DKA).	Contact Hitachi Data Systems Support Center.	i	0
7010	8549	The P-VOL is not implemented.	You cannot execute the operation for the volume that is not implemented.	i	0
7010	8550	The P-VOL cannot be used.	Contact Hitachi Data Systems Support Center, and check if the volume status is normal.	i	0
7010	8551	The P-VOL is being formatted.	Wait until the volume is formatted, and retry the operation.	i	0
7010	8552	The P-VOL is a command device.	Check the target volume.	i	0
7010	8553	The S-VOL is not implemented.	You cannot execute the operation for the volume that is not implemented.	i	0
7010	8554	The S-VOL cannot be used.	Contact Hitachi Data Systems Support Center, and check if the volume status is normal.	i	0
7010	8555	The S-VOL is being formatted.	Wait until the volume is formatted, and retry the operation.	i	0
7010	8556	The S-VOL is a command device.	Check the target volume.	i	0
7010	8557	The volume is not implemented.	You cannot execute the operation for the volume that is not implemented.	i	0
7010	8558	The volume cannot be used.	Contact Hitachi Data Systems Support Center, and check if the volume status is normal.	i	0
7010	8559	The volume is being formatted.	Wait until the volume is formatted, and retry the operation.	i	0
7010	8560	The volume is a command device.	Check the target volume.	i	0
7010	8561	The command code is invalid.	Check the contents, and retry.	i	0
7010	8562	The command code sender is invalid.	Check the contents, and retry.	i	0
7010	8563	The volume type is invalid.	Check the contents, and retry.	i	0
7010	8564	The volume type is invalid.	Check the contents, and retry.	i	0
7010	8565	The command code sender is invalid.	Check the contents, and retry.	i	0
7010	8566	The attribute of the reserved volume is invalid.	Check the contents, and retry.	i	0
7010	8567	The number of effective lists is invalid.	Check the contents, and retry.	i	0
7010	8568	The emulation type is invalid.	Specify the volume of the supported emulation type.	i	0
7010	8569	The number of multiple jobs exceeded the maximum.	Contact Hitachi Data Systems Support Center.	i	0
7010	8570	The selected volume does not exist.	Refresh the screen, and retry the operation.	i	0
7010	8571	The volume is already defined as a reserved volume.	Check the contents, and retry.	i	0
7010	8572	The volume is already defined as a P-VOL.	Check the contents, and retry.	i	0

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
7010	8573	The volume is defined as a source volume for hierarchical control.	Check the corresponding condition.	i	0
7010	8574	The volume is defined as a destination volume for hierarchical control.	Check the corresponding condition.	i	0
7010	8575	The selected volume is not a reserved volume.	Check the contents, and retry.	i	0
7010	8576	No reserved volume is available for use.	Check the contents, and retry.	i	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.	i	0
7010	8578	The P-VOL is already paired with a backup volume. The P-VOL cannot be paired with the target volume.	Check the contents, and retry.	i	0
7010	8579	No volume is defined as a reserved volume.	Define the reserve volume, and then retry the operation.	i	0
7010	8580	The specified volume is for backup servers only.	You cannot use the volume. Specify other volume, and retry the operation.	i	0
7010	8581	The specified volume is not for backup servers only.	Check the contents, and retry.	i	0
7010	8582	The emulation type of the target volume is being changed.	Wait for a while, and retry the operation.	i	0
7010	8583	The RAID level of the specified volume is not supported.	Specify a volume of the supported RAID level.	i	0
7010	8584	No volume is defined as a reserved volume.	Check the contents, and retry.	i	0
7010	8585	The number of reserved volumes exceeds the maximum.	Stop the operation of the Reserve volume setting, or delete the Reserve volume.	i	0
7010	8586	The number of groups that can be set in the same subsystem is invalid.	Check the contents, and retry.	i	0
7010	8587	The number of pairs that can be set in the same group is invalid.	Check the contents, and retry.	i	0
7010	8588	The specified group number is not set.	Check the contents, and retry.	i	0
7010	8589	The specified group name is invalid.	Check the contents, and retry.	i	0
7010	8590	The group name and the number do not match.	Check the contents, and retry.	i	0
7010	8591	The specified pair is already set in another group.	Check the contents, and retry.	i	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.	i	0
7010	8593	The P-VOL is a source volume for hierarchical control.	Check the corresponding condition.	i	0
7010	8594	The P-VOL is a destination volume for hierarchical control.	Check the corresponding condition.	i	0
7010	8595	The specified P-VOL does not exist.	Refresh, and then retry the operation.	i	0
7010	8596	The specified volume is a reserved volume.	Check the contents, and retry.	i	0

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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.	i	0
7010	8598	The specified volume is not a P-VOL.	Check the contents, and retry.	i	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.	i	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.	i	0
7010	8601	The target P-VOL cannot be paired with a backup server volume.	Check the contents, and retry.	i	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.	i	0
7010	8603	The target volume is set as a primary volume for online data migration.	Delete the Data Migration pair.	i	0
7010	8604	The target volume is set as a secondary volume for online data migration.	Delete the Data Migration pair.	i	0
7010	8605	The Resync command was issued to a device in the SMPL status.	Check the pair status.	i	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.	i	0
7010	8607	A pair status cannot be changed to the Hitachi TrueCopy cooperation pattern.	Place the TC390 pair that uses the SI390 T-VOL as an S-VOL in the PSUE or SMPL status.	i	0
7010	8608	The specified volume is an S-VOL.	Refresh the screen, and retry the operation.	i	0
7010	8609	The specified volume is not set as a reserved volume.	Check the contents, and retry.	i	0
7010	8610	The S-VOL is a source volume for hierarchical control.	Check the corresponding condition.	i	0
7010	8611	The specified volume is an S-VOL.	Check the contents, and retry.	i	0
7010	8612	The specified volume is not an S-VOL.	Check the contents, and retry.	i	0
7010	8613	The RAID level of the specified S-VOL is not supported.	Specify the volume number of the supported RAID level.	i	0
7010	8614	The S-VOL is used as a Remote Copy P-VOL.	Delete the Remote Copy pair.	i	0
7010	8615	The S-VOL is used as a Remote Copy S-VOL.	Delete the Remote Copy pair.	i	0
7010	8616	The S-VOL is used as a primary volume for online data migration.	Delete the Data Migration pair.	i	0
7010	8617	The target S-VOL is used as a secondary volume for online data migration.	Delete the Data Migration pair.	i	0
7010	8618	The S-VOL is defined as a P-VOL.	Check the volume number.	i	0
7010	8619	The target S-VOL is defined as a destination volume for hierarchical control.	Check the corresponding condition.	i	0

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
7010	8620	The volume specified as a reserved volume is already defined as a primary volume for online data migration.	Delete the Data Migration pair.	i	0
7010	8621	The volume specified as a reserved volume is already defined as a secondary volume for online data migration.	Delete the Data Migration pair.	i	0
7010	8622	The volume specified as a reserved volume is already defined as a Remote Copy M-VOL.	Delete the Remote Copy pair.	i	0
7010	8623	The reserved volume is defined as a Remote Copy R-VOL.	Delete the Remote Copy pair.	i	0
7010	8624	The selected volume is not paired.	Check the specified volume number.	i	0
7010	8625	The P-VOL(S-VOL) and S-VOL(T-VOL) have the same number.	Check the specified volume number.	i	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.	i	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.	i	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.	i	0
7010	8629	The status mode specification is invalid.	Check the contents, and retry.	i	0
7010	8630	The status mode type is invalid.	Check the contents, and retry.	i	0
7010	8631	The specified CU number is invalid.	Check the contents, and retry.	i	0
7010	8632	The timing of issuing the command is invalid.	Contact Hitachi Data Systems Support Center.	i	0
7010	8633	The abnormal status is invalid.	Contact Hitachi Data Systems Support Center.	i	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.	i	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.	i	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.	i	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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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.	Check the contents, and retry.	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.	Check the contents, and retry.	i	0
7010	8656	An invalid secondary SSID is specified for the DeletePair or Split command.	Check the contents, and retry.	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.	Check the contents, and retry.	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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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?	If you want to continue processing, select [OK]. If you do not want to continue processing, select [Cancel].	W	0
7010	9109	Do you want to execute the Set Over operation?	If you want to continue processing, select [OK]. If you do not want to continue processing, select [Cancel].	W	2
7010	9110	Do you want to execute the Initialize operation?	If you want to continue processing, select [OK]. If you do not want to continue processing, select [Cancel].	W	2
7010	9303	There are no valid volumes.	Check the device emulation and the definition of the SCSI path.	W	0
7105	5099	An error occurred. If this problem persists, please call the Support Center.	Change the monitor switch to ON, and accumulate the data.	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 continue?	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	5625	You cannot create another pair, because the number of pairs in the group exceeds the maximum.	Please select the OK button.	i	0
7110	5626	The specified volume cannot be used because the write protection is set by LDEV Guard.	Please select the OK button.	i	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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
7110	6520	The operation was rejected. This is because the specified volumes are defined in the Security Group, and the Security Group does not allow the volumes to be R-Vols or T-Vols.	Choose one of the following actions: - Change the attribute of the Security Group so that the specified volumes can be R-Vols or T-Vols. - Release the specified volumes from the Security Group so that the volumes can be R-Vols or T-Vols.	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	Error details not available.	Contact Hitachi Data Systems Support Center.	W	0
7110	7440	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
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.	The operation failed, because of one of the following reasons: 1. You cannot execute the operation on the specified pair / volume. 2. The pairs of the Normal volume and CV cannot execute QuickRestore. 3. You cannot execute the operation on the intermediate volume. 4. Because the Remote Copy pair using the volume in the same case exists, you cannot execute the operation. Check the pair or volume 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.	Check the contents, and retry.	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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
7110	8509	The Split command with the QUIESCE specification was issued to a secondary boot device.	Check the contents, and retry.	i	0
7110	8510	The M-VOL Suspend command was issued to a secondary boot device.	Check the contents, and retry.	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 Remote Copy 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 Remote Copy 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 Remote Copy, 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.	Check the contents, and retry.	i	0
7110	8516	The number of S-VOL cylinders exceeds the maximum.	Check the contents, and retry.	i	0
7110	8517	The number of T-VOL cylinders exceeds the maximum.	Check the contents, and retry.	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.	i	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.	i	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.	i	0
7110	8521	The number of multiple copy jobs exceeded the maximum.	Check the contents, and retry.	i	0
7110	8522	The emulation type of the S-VOL is not supported.	Specify the emulation type supported in ShadowImage.	i	0
7110	8523	The emulation type of T-VOL is not supported.	Specify the emulation type supported in ShadowImage.	i	0
7110	8524	The emulation type is not supported.	Specify the emulation type supported in ShadowImage.	i	0
7110	8525	Internal logic error.	Contact Hitachi Data Systems Support Center.	i	0
7110	8526	Internal logic error.	Contact Hitachi Data Systems Support Center.	i	0
7110	8527	Internal logic error.	Contact Hitachi Data Systems Support Center.	i	0
7110	8528	Internal logic error.	Contact Hitachi Data Systems Support Center.	i	0
7110	8529	Internal logic error.	Contact Hitachi Data Systems Support Center.	i	0
7110	8530	Internal logic error.	Contact Hitachi Data Systems Support Center.	i	0
7110	8531	Internal logic error.	Contact Hitachi Data Systems Support Center.	i	0

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
7110	8532	The S-VOL and T-VOL are being used by the host or by Remote Copy.	Check the target volume, or stop using it in Remote copy.	i	0
7110	8533	The emulation type of the specified reserved volume is not supported.	Specify the emulation type of the supported volume.	i	0
7110	8534	An internal logic contradiction occurred.	Contact Hitachi Data Systems Support Center.	i	0
7110	8535	A processor failure was detected.	Contact Hitachi Data Systems Support Center.	i	0
7110	8536	A cache failure was detected.	Contact Hitachi Data Systems Support Center.	i	0
7110	8537	The cache capacities do not match.	Contact Hitachi Data Systems Support Center.	i	0
7110	8538	An SM failure was detected.	Contact Hitachi Data Systems Support Center.	i	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.	i	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.	i	0
7110	8541	There is sufficient shared memory to create 4096 pairs, and the initial subsystem setup is complete.	Close the message box.	i	0
7110	8542	Failed to complete the initial shared memory setup.	Contact Hitachi Data Systems Support Center.	i	0
7110	8543	The shared memory size is different.	Contact Hitachi Data Systems Support Center.	i	0
7110	8544	16 Mbytes of shared memory is available.	Check the contents, and retry.	i	0
7110	8545	A power supply failure is detected.	Contact Hitachi Data Systems Support Center.	i	0
7110	8546	The command was rejected. The PS OFF is in progress.	Retry the operation with power ON.	i	0
7110	8547	A data transfer failure is detected (CHA).	Contact Hitachi Data Systems Support Center.	i	0
7110	8548	A data transfer failure is detected (DKA).	Contact Hitachi Data Systems Support Center.	i	0
7110	8549	The S-VOL is not implemented.	You cannot execute the operation for the volume that is not implemented.	i	0
7110	8550	The S-VOL cannot be used.	Contact Hitachi Data Systems Support Center, and check if the volume status is normal.	i	0
7110	8551	The S-VOL is being formatted.	Wait until the volume is formatted, and retry the operation.	i	0
7110	8552	The S-VOL is a command device.	Check the target volume.	i	0
7110	8553	The T-VOL volume is not implemented.	You cannot execute the operation for the volume which is not implemented.	i	0
7110	8554	The T-VOL cannot be used.	Contact Hitachi Data Systems Support Center, and check if the volume status is normal.	i	0
7110	8555	The T-VOL is being formatted.	Wait until the volume is formatted, and retry the operation.	i	0
7110	8556	The T-VOL is command device.	Check the contents, and retry.	i	0

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
7110	8557	The volume is not implemented.	You cannot execute the operation for the volume that is not implemented.	i	0
7110	8558	The volume cannot be used.	Contact Hitachi Data Systems Support Center, and check if the volume status is normal.	i	0
7110	8559	The volume is being formatted.	Wait until the volume is formatted, and retry the operation.	i	0
7110	8560	The volume is a command device.	Check the target volume.	i	0
7110	8561	The command code is invalid.	Check the contents, and retry.	i	0
7110	8562	The command code sender is invalid.	Check the contents, and retry.	i	0
7110	8563	The volume type is invalid.	Check the contents, and retry.	i	0
7110	8564	The volume type is invalid.	Check the contents, and retry.	i	0
7110	8565	The command code sender is invalid.	Check the contents, and retry.	i	0
7110	8566	The attribute of the reserved volume is invalid.	Check the contents, and retry.	i	0
7110	8567	The number of effective lists is invalid.	Check the contents, and retry.	i	0
7110	8568	The emulation type is invalid.	Specify the volume of the supported emulation type.	i	0
7110	8569	The number of multiple jobs exceeded the maximum.	Contact Hitachi Data Systems Support Center.	i	0
7110	8570	The selected volume does not exist.	Refresh the screen, and retry the operation.	i	0
7110	8571	The volume is already defined as a reserved volume.	Check the contents, and retry.	i	0
7110	8572	The volume is already defined as S-VOL.	Check the contents, and retry.	i	0
7110	8573	The volume is defined as a source volume for hierarchical control.	Check the corresponding condition.	i	0
7110	8574	The volume is defined as a destination volume for hierarchical control.	Check the corresponding condition.	i	0
7110	8575	The selected volume is not a reserved volume.	Check the contents, and retry.	i	0
7110	8576	No reserved volume is available for use.	Check the contents, and retry.	i	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.	i	0
7110	8578	The S-VOL is already paired with a backup volume. The S-VOL cannot be paired with the target volume.	Check the contents, and retry.	i	0
7110	8579	No volume is defined as a reserved volume.	Define the reserve volume, and then retry the operation.	i	0
7110	8580	The specified volume is for backup servers only.	You cannot use the volume. Specify other volume, and retry the operation.	i	0
7110	8581	The specified volume is not for backup servers only.	Check the contents, and retry.	i	0
7110	8582	The emulation type of the target volume is being changed.	Wait for a while, and retry the operation.	i	0

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
7110	8583	The RAID level of the specified volume is not supported.	Specify the volume of the supported RAID level.	i	0
7110	8584	No volume is defined as a reserved volume.	Check the contents, and retry.	i	0
7110	8585	The number of reserved volumes exceeds the maximum.	Stop the operation of the Reserve volume setting, or delete the Reserve volume.	i	0
7110	8586	The number of groups that can be set in the same subsystem is invalid.	Check the contents, and retry.	i	0
7110	8587	The number of pairs that can be set in the same group is invalid.	Check the contents, and retry.	i	0
7110	8588	The specified group number is not set.	Check the contents, and retry.	i	0
7110	8589	The specified group name is invalid.	Check the contents, and retry.	i	0
7110	8590	The group name and the number do not match.	Check the contents, and retry.	i	0
7110	8591	The specified pair is already set in another group.	Check the contents, and retry.	i	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.	i	0
7110	8593	The S-VOL is a source volume for hierarchical control.	Check the corresponding condition.	i	0
7110	8594	The S-VOL is a destination volume for hierarchical control.	Check the corresponding condition.	i	0
7110	8595	The specified S-VOL does not exist.	Refresh, and then retry the operation.	i	0
7110	8596	The specified volume is a reserved volume.	Check the contents, and retry.	i	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.	i	0
7110	8598	The specified volume is not an S-VOL.	Check the contents, and retry.	i	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.	i	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.	i	0
7110	8601	The source volume cannot be paired with a backup server volume.	Check the contents, and retry.	i	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.	i	0
7110	8603	The target volume is set as a primary volume for online data migration.	Delete the Data Migration pair.	i	0
7110	8604	The target volume is set as a secondary volume for online data migration.	Delete the Data Migration pair.	i	0
7110	8605	The Resync command was issued to a device in the simplex status.	Check the pair status.	i	0

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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 that uses the SI390 T-VOL as an S-VOL in the Simplex status.	i	0
7110	8607	A pair status cannot be changed to the Hitachi TrueCopy-S/390® cooperation pattern.	Place the TC390 pair that uses the SI390 T-VOL as an S-VOL in the Suspended or Simplex status.	i	0
7110	8608	The specified volume is a T-VOL.	Refresh the screen, and retry the operation.	i	0
7110	8609	The specified volume is not set as a reserved volume.	Check the contents, and retry.	i	0
7110	8610	The T-VOL is a source volume for hierarchical control.	Check the corresponding condition.	i	0
7110	8611	The specified volume is a target volume.	Check the contents, and retry.	i	0
7110	8612	The specified volume is not a T-VOL.	Check the contents, and retry.	i	0
7110	8613	The RAID level of the specified target volume is not supported.	Check the contents, and retry.	i	0
7110	8614	The target volume is used as a Remote Copy M-VOL.	Delete the Remote Copy pair.	i	0
7110	8615	The target volume is used as a Remote Copy R-VOL.	Delete the Remote Copy pair.	i	0
7110	8616	The target volume is used as a primary volume for online data migration.	Delete the Data Migration pair.	i	0
7110	8617	The target T-VOL is used as a secondary volume for online data migration.	Delete the Data Migration pair.	i	0
7110	8618	The requested T-VOL volume is already defined as an S-VOL.	Check the volume number.	i	0
7110	8619	The target T-VOL is defined as a destination volume for hierarchical control.	Check the corresponding condition.	i	0
7110	8620	The volume specified as a reserved volume is already defined as a primary volume for online data migration.	Delete the Data Migration pair.	i	0
7110	8621	The volume specified as a reserved volume is already defined as a secondary volume for online data migration.	Delete the Data Migration pair.	i	0
7110	8622	The volume specified as a reserved volume is already defined as a Remote Copy M-VOL.	Delete the Remote Copy pair.	i	0
7110	8623	The reserved volume is defined as a Remote Copy R-VOL.	Delete the Remote Copy pair.	i	0
7110	8624	The selected volume is not paired.	Check the specified volume number.	i	0
7110	8625	The P-VOL(S-VOL) and S-VOL(T-VOL) have the same number.	Check the specified volume number.	i	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.	i	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.	i	0

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
7110	8628	L1 pair Resync instruction cannot be given because L2 pair is F-Copy status.	Select other pairs.	i	3
7110	8629	The status mode specification is invalid.	Check the contents, and retry.	i	0
7110	8630	The status mode type is invalid.	Check the contents, and retry.	i	0
7110	8631	The specified CU number is invalid.	Check the contents, and retry.	i	0
7110	8632	The timing of issuing the command is invalid.	Contact Hitachi Data Systems Support Center.	i	0
7110	8633	The abnormal status is invalid.	Contact Hitachi Data Systems Support Center.	i	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.	i	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.	i	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.	i	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.	i	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.	i	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.	i	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.	i	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.	i	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.	i	0
7110	8644	The request was rejected, because the pair is not in the Split/Suspend status.	Check the pair status.	i	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.	i	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.	i	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.	i	0
7110	8648	The boot device and the S-VOL do not match in the AddPair command.	Check the specified volume number.	i	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.	i	0

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
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.	Check the contents, and retry.	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.	Check the contents, and retry.	i	0
7110	8656	An invalid secondary SSID is specified for the DeletePair or Split command.	Check the contents, and retry.	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.	Check the contents, and retry.	i	0
7110	8920	Because a L1 pair is F-Copy, you cannot operate to L2.	Please wait for Flash Copy processing of a L1 pair being finished, and then execute operation of target Pair.	i	0
7110	8941	The command was rejected because the specified CT Group is already used.	Correct the specified CT Group and retry the operation again.	i	0
7110	8942	The CT Group operation is not available because the target DKC microprogram version does not support the CT Group operation.	Please install the appropriate version of DKC microprogram.	i	0
7110	8946	A pair status cannot be changed because the Split time of Consistency Group is set.	Please reset the Split time of Consistency Group from the mainframe host.	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?	If you want to continue processing, select [OK]. If you do not want to continue processing, select [Cancel].	W	0
7110	9109	Do you want to execute the Set Over operation?	If you want to continue processing, select [OK]. If you do not want to continue processing, select [Cancel].	W	2
7110	9110	Do you want to execute the Initialize operation?	If you want to continue processing, select [OK]. If you do not want to continue processing, select [Cancel].	W	2

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
8005	2002	An error occurred. If this problem persists, please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
8005	2015	A connection error has occurred.	Retry the same operation. If the same error occurs despite retrying, call the service personnel.	E	3
8005	2145	A connection error has occurred.	Retry the same operation. If the same error occurs despite retrying, call the service personnel.	E	3
8005	3003	An error occurred. If this problem persists, please call the Support Center.	Internal logical error is detected. Contact the Support Center.	E	2
8005	5010	An error occurred. If this problem persists, please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
8005	5099	An error occurred. If this problem persists, please call the Support Center.	Retry the same operation. If the same error occurs, contact the Support Center..	E	2
8005	6000	An error occurred. If this problem persists, please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	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 Support Center.	E	6
8005	6050	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2
8005	6051	An error occurred. If this problem persists, please call the Support Center.	An error occurred. If this problem persists, please call the Support Center.	E	2
8005	6531	The SVP is busy. Please perform again after a while.	Retry the same operation. If the same error occurs despite retrying, call the support center.	E	3
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 Support Center.	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 Support Center.	E	6
8105	1002	The specified volume cannot be set as the Command Device, because the volume is being used as a Hitachi 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
8105	1003	You are trying to set multiple paths to the same volume from one group.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
8105	1004	You are trying to set multiple volumes from a port/group/pair of LUN.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
8105	1005	You are trying to set paths to un-installed volume/volume other than the top of an expanded LU/Reserve volume of Hitachi CruiseControl/volume of Just in Time.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
8105	1007	Failed to remove the path. The specified path is the last path of Hitachi TrueCopy/ShadowImage volume.	Correct the contents of LU path setting, and request the setting of the configuration information again.	E	6
8105	1009	The emulation type of a volume which links as an expanded LU is not Open volume.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
8105	1010	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
8105	1011	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
8105	1012	LU path is set to a volume which links as an expanded LU.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
8105	1013	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
8105	1015	LU path is set to the releasing expanded LU. (You need to release the expanded LU and path at the same time.)	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
8105	1018	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
8105	1022	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
8105	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
8105	1024	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

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
8105	1025	The specified LU path does not exist.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
8105	1028	The number of volumes which link as expanded LUs is beyond the range.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
8105	1029	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
8105	1050	An error occurred. If this problem persists, please call the Support Center.	Reserve volume of Hitachi 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
8105	1059	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
8105	1061	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
8105	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
8105	1064	You are trying to register the same WWN as the already registered one. Please check the settings and request the setting of the configuration information again.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
8105	1065	The specified Name is already in use.	Correct the specified contents, and request the setting of the configuration information again.	E	6
8105	1066	WWN number, which is not registered, is specified. (When deleting, or changing)	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
8105	1067	You are trying to register the same host group as the existing one.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
8105	1068	Host group, which is not registered, is specified. (When deleting, or changing)	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
8105	1108	An error occurred. If this problem persists, please call the Support Center.	Command device setting is requested for Reserve volume of Hitachi 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
8105	1110	You cannot use 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
8105	1111	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
8105	1116	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
8105	1123	The setting of the command device security is requested, or the command device of the target volume is not set.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
8105	1124	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 securityIt does not occur normally because it is guarded in the screen. Contact the program maker.	E	2
8105	1125	There is no host group where WWN is registered.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
8105	1126	The Command Device cannot be set within a LUSE volume. Select another volume.	Correct the specified contents, and request again.	E	5
8105	1127	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
8105	1128	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
8105	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
8105	1131	When host group is set (add/change/delete), the maximum value you can set in the PORT is exceeded.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
8105	1132	When WWN is set (add/change), the maximum value you can set in the PORT is exceeded.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
8105	1133	When host mode is set, the maximum value you can set in the PORT is exceeded.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
8105	1134	When a path is set (add/delete), the maximum value you can set in the PORT is exceeded.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
8105	1135	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
8105	1136	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
8105	1137	When LUSE is set, the maximum number of instructions, which DKC can set, was exceeded.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
8105	1140	No commands are issued.	Please release the Port Group setting.	W	6
8105	1181	The specified path cannot be added, because the volume is used by a Remote Copy pair.	Correct the specified contents, and request again.	E	6
8105	1183	The port information is inconsistent with PCB mode information.	Please correct the port information or the PCB mode information.	W	0
8105	1184	The port information is inconsistent with PCB mode information.	Please correct the port information or the PCB mode information.	W	0
8105	1201	Invalid selection 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
8105	1203	CHA high-speed mode is specified, Fibre Address of the specified port includes what the high-speed mode cannot be set.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
8105	1204	CHA high-speed mode is specified, but a topology includes what the high-speed mode cannot be set.	The Configuration information has been already changed. Please check the settings and request the setting of the configuration information again.	E	6
8105	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	2

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
8105	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 before changing to the high-speed mode.	E	2
8105	1352	Logical paths remain on the Fibre-MCU port. This operation may cause a fatal damage to the logical paths. Please stop this operation. If you want to continue this operation, please remove the logical paths from the MCU port first.	Since the port you are trying to set is for Fibre TrueCopy, you need to delete the logical path, and then set.	E	2
8105	1353	S-VOLs remain on the Fibre-RCU port. This operation may cause a fatal damage to S-VOLs. Please stop this operation. If you want to continue this operation, please remove the S-VOLs from the RCU port 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	2
8105	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	2
8105	1355	Host group of 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	2
8105	1356	Host group of 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	2
8105	1357	S-VOLs remain on the Fibre-RCU port. This operation may cause a fatal damage to the S-VOLs. Please stop this operation. If you want to continue this operation, please remove the S-VOLs from the RCU port first.	The specified Port is for Fibre TrueCopy. Please delete a logical path, and then retry the operation.	E	6
8105	1600	This functionality is not available. LUN Management is required.	Install the necessary program product.	E	6
8105	1601	This functionality is not available. Open Volume Management is required.	Install the necessary program product.	E	6
8105	2005	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
8105	2009	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
8105	2010	The LDEV is used 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
8105	2013	An error occurred. If this problem persists, please call the Support Center.	Download error occurs. Call the service personnel.	E	2
8105	2015	An error occurred while connecting to the subsystem. Please retry a little later.	A communication error occurs. If the same error occurs despite retrying, call the service personnel.	E	6
8105	2082	Processing is disabled because the host is mounted or the device is reserved.	The host is mounted or the device is reserved. Please unmount the host and cancel reservation of the device. If the host is AIX host, please unmount the host, and execute the varyoffvg command.	E	6

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
8105	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
8105	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
8105	2097	The host specified by the WWN is performing I/O operations.	Please stop executing I/Os, and then retry the operation.	E	6
8105	2170	An error occurred. If this problem persists, please call the Support Center.	Please stop the host I/O.	W	6
8105	2504	No settings are possible because one or more volumes are reserved for use with Command Control Interface only.	Release the reserved volume setting(s), and then retry the operation.	W	5
8105	3002	An error occurred. If this problem persists, please call the Support Center.	Invalid interface between the functions inside the agent is detected. Contact the maintenance service center.	E	2
8105	3003	An error occurred. If this problem persists, please call the Support Center.	Internal logical error is detected. Contact the maintenance service center.	E	2
8105	3006	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 maintenance service center.	E	2
8105	3007	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 maintenance service center.	E	2
8105	5030	The spreadsheet has not been changed at all.	Please change the configuration at least one line in the spreadsheet.	W	0
8105	5060	The length of the character string is invalid.	One line can have up to 127 characters.	E	5
8105	5061	The number of lines is invalid.	The CSV file can have up to 70,000 lines.	E	5
8105	5062	The size of the CSV file is invalid.	Please review the CSV file.	E	5
8105	5511	Configuration File Loader is not installed.	Please install Configuration File Loader.	W	5
8105	5650	The length of the letter string is invalid.	One line can have up to 127 letters.	W	5
8105	5651	The number of lines is invalid.	The spreadsheet can have up to 70,000 lines.	W	5
8105	5652	The size of the CSV file is invalid.	Please check the CSV file.	W	5
8105	5700	The file format is invalid.	Please enter the text file.	E	5
8105	5701	The header is invalid.	Please check the version information of the first row.	E	5
8105	5702	There is no tag.	Please write at least one tag.	E	5
8105	5705	Configuration File Loader is not installed.	Please install the Configuration File Loader.	W	5
8105	5710	The specified CHA does not exist.	Please correct the name of CHA.	W	0
8105	5711	The specified port does not exist.	Please correct the name of the port.	W	0
8105	5712	Invalid CU:LDEV or unsupported LDEV (for Hi-Copy).	Please correct CU:LDEV.	W	0
8105	5720	You set the same tag name more than once.	Please define each tag once in a sheet.	W	0

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
8105	5721	The parameter is invalid.	Please correct the invalid parameter.	W	0
8105	5730	Duplicate definition error.	Please write one definition only in each tag.	W	0
8105	5731	The current information is invalid.	Please correct the current information.	W	0
8105	5740	There is a difference between the current CHA and the specified CHA.	Please correct the name of the CHA.	W	0
8105	5741	There is a difference between the current port and the specified port.	Please correct the name of the port.	W	0
8105	5742	The current PCB mode is invalid.	Please correct the PCB mode.	W	0
8105	5743	There is a difference between the current CU:LDEV and the specified CU:LDEV.	Please correct the CU and LDEV.	W	0
8105	5744	The command device security switch cannot be turned on because this is not command device.	Please turn on the command device switch.	W	0
8105	5745	The security switch on the port is off. Turn on the switch.	Please turn on the security switch on this port.	W	0
8105	5746	The group ID is invalid.	Please correct the group ID.	W	0
8105	5747	The group cannot be added. Change the name of the group.	Please correct the name of the group.	W	0
8105	5748	The group ID does not exist.	Please correct the group ID.	W	0
8105	5749	The same group ID is already registered.	Please correct the group ID.	W	0
8105	5750	The same group name is already registered.	Please correct the group name.	W	0
8105	5751	The group ID does not exist.	Please correct the group ID.	W	0
8105	5752	The group name does not exist.	Please correct the group name.	W	0
8105	5753	There is a difference between the current port ID/group ID and the specified one.	Please correct the port ID and the group ID.	W	0
8105	5754	The intermediate volume cannot be specified as a command device.	Please correct the CU and LDEV.	W	0
8105	5755	The security switch on the port remains off. Turn the switch on.	Please turn on the security switch on this port.	W	0
8105	5756	The number of WWN cannot exceed 255 per port.	Please add the WWN to another port.	W	0
8105	5757	The same WWN is already registered.	Please correct the WWN.	W	0
8105	5758	No name can be added to the group ID (00).	Please correct the group ID.	W	0
8105	5759	The same name is already registered.	Please correct the name.	W	0
8105	5761	The WWN does not exist.	Please correct the WWN.	W	0
8105	5762	The name does not exist.	Please correct the name.	W	0
8105	5764	The number of LUN cannot exceed 512 per port or 256 per host group.	Please add the LUN to another group or another port.	W	0
8105	5765	The LUN is already used.	Please correct the LUN.	W	0

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
8105	5766	The specified CU:LDEV is invalid.	Please correct the CU and LDEV.	W	0
8105	5767	The LUN does not exist.	Please correct the LUN.	W	0
8105	5768	There is a difference between the current LUN and the specified LUN.	Please correct the LUN.	W	0
8105	5769	The group cannot be added.	Please correct the group ID.	W	0
8105	5770	The port cannot be changed because the port is an initiator port.	Please set the port attribute to target in advance.	W	0
8105	5771	The CHA cannot be changed to High Speed mode.	Please correct the port parameters.	W	0
8105	5785	The system LU cannot be used.	Please correct the CU and LDEV.	W	0
8105	5786	The path can be defined only for the A, E, J or N port.	Please correct the name of port.	W	0
8105	5789	The intermediate volume cannot be specified as a command device.	Please correct the CU and LDEV.	W	0
8105	5790	A program error occurred under internal process.	If nothing changes despite retrying, call the service personnel.	W	0
8105	6012	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
8105	6023	The SVP is busy. Please perform again after a while.	Retry the same operation. If the same error occurs despite retrying, call the support center.	E	3
8105	6513	A command was double started.	Please retry a little later.	E	6
8105	6524	The port information is inconsistent with PCB mode information.	Please correct the port information or the PCB mode information.	W	0
8105	7060	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
8105	7111	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
8107	5641	The number of lines on the sheet exceeds the maximum (70000).	Correct the specified contents, and retry the operation.	E	6
8107	5642	The number of characters exceeds the maximum (128).	Correct the specified contents, and retry the operation.	E	6
8107	5643	A timeout has occurred. Please retry again.	If the same error occurs despite retrying, call the service personnel.	E	6
8110	5001	Starting file transfer client.	Wait for about three minutes and then retry.	W	5
8110	5002	Inaccurate data was acquired.	The acquired data is inaccurate. If this problem persists, please call the service personnel.	E	5
8110	5003	Failed to get the data.	Please retry the operation.	E	5
8110	5004	The first tag is invalid.	Please correct the first tag.	E	5
8110	5772	Modify mode released due to inactivity. Restart Modify mode (press the mode-switching button again) to continue.	Modify mode released due to inactivity. Restart Modify mode (press the mode-switching button again) to continue.	E	7

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
8110	7060	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
8110	9338	It is necessary to install Java Web Start. Do you want to install it?	Please push the YES button for continuing processing. Please push the NO button when you want to stop.	W	0
8110	9339	Please re-start your management session after Java Web Start installation.	Please push the OK button when you log off after installation.	W	5
8110	9359	Do you want to install Java Web Start?	Please select the OK button for continuing processing. Select the Cancel button when you want to stop.	W	0
8111	5627	The file name should be from 1 to 32 characters.	Correct the specified contents, and retry the operation.	E	1
8111	5628	You cannot use following characters for the file name: "\ / : , ; * ? < > and space.	Correct the specified contents, and retry the operation.	E	1
8111	5629	The file specified by [File Name on Client] does not exist.	Correct the specified contents, and retry the operation.	E	1
8111	5630	The file specified by [File Name on Client] cannot be read.	Correct the specified contents, and retry the operation.	E	1
8111	5631	The object specified by [File Name on Client] is not a file.	Correct the specified contents, and retry the operation.	E	1
8111	5632	Modify mode released due to inactivity. Restart Modify mode (press the mode-switching button again) to continue.	Modify mode released due to inactivity. Restart Modify mode (press the mode-switching button again) to continue.	E	1
8111	5633	The file path should be from 1 to 255 characters.	Correct the specified contents, and retry the operation.	E	1
8111	5634	An error occurred. If this problem persists please call the Support Center.	If this problem persists, please call the Support Center.	E	1
8111	5774	The file specified by [File Name on Client] is write-protected.	Correct the setting, and retry the operation.	E	1
8111	5775	A file access error occurred.	If the same error occurs despite retrying, call the service personnel.	E	1
9005	5099	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	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 Support Center.	E	2
9005	7112	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
9005	7113	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2
9005	7114	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2
9005	7115	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2
9005	7116	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2
9005	7117	An error occurred. If this problem persists, please call the Support Center.	Call the Support Center.	E	2
9005	8001	An error occurred while connecting to the subsystem. Please retry a little later.	Retry the operation. If you get the same message again, please call the Support Center.	E	3
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
9105	5511	The program product is not installed.	Select [OK], and then install the program product.	W	5
9105	5600	The settings of the security group are invalid.	Select [OK], correct the security group settings and then retry the operation.	W	0
9105	5601	The settings of the host group are invalid.	Select [OK], correct the host group settings and then retry the operation.	W	0
9105	5602	The length of the letter string is invalid.	Select [OK], correct the length of the letter string and then retry the operation.	W	0
9105	5603	The DKC emulation is specified as the type of the host.	Select [OK], specify other hosts and then retry the operation.	W	0
9105	5604	The specified vendor information is invalid.	Select [OK], correct the vendor information and then retry the operation.	W	0
9105	5605	You cannot register any more hosts.	Select [OK], delete unnecessary hosts and then retry the operation.	W	0
9105	5606	The target LDEV is not mounted.	Select [OK], delete the unmounted LDEV and then retry the operation.	W	0
9105	5607	The settings of the LDEV group are invalid.	Select [OK], correct the LDEV group settings and then retry the operation.	W	0
9105	5608	The pool group cannot include volumes to which LU paths are defined, or volumes which are not mounted.	Select [OK], check the attributes of the specified volumes and then retry the operation.	W	0
9105	5609	The R-VOL/T-VOL exists in a group which cannot include R-VOLs and T-VOLs.	First, select [OK]. Next, change the group attribute or delete the R-VOL/T-VOL from the group. Finally, retry the operation.	W	0
9105	5819	The specified port is not supported by this function.	Specify a port supported by this function.	W	0

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
9105	5820	When the host group has a host to which ports are set, the hosts in this host group cannot be registered in another host group.	Please check the specified host and port.	W	0
9105	6012	An error has occurred on the server. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	3
9105	6023	The file operation failed.	Please call the Technical Support Center.	E	3
9105	7060	An error occurred. If this problem persists please call the Support Center.	If this problem persists, please call the Support Center.	E	3
9105	7111	An error has occurred on the server. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	3
9105	7310	Not registered.	Select [OK], check the settings and then retry the operation.	W	0
9105	8001	A time out error has occurred.	Retry the operation. If you get the same message again, reboot the PC. If necessary, please call the Support Center.	E	3
9105	8002	Communication is busy. Please retry later.	Wait for a moment and retry.	W	5
9105	8102	The SVP version and the DKC version do not match.	Please call the Technical Support Center.	E	2
9105	8110	The configuration could not be changed.	Please call the Technical Support Center.	E	3
9105	8659	No PCBs are installed for mainframe computers.	Please install PCBs for mainframe computers and then retry the operation.	W	0
9107	6012	An error has occurred on the server. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	3
9107	7060	An error occurred. If this problem persists please call the Support Center.	If this problem persists, please call the Support Center.	E	2
9107	7111	An error has occurred on the server. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	3
9110	5122	No data has been changed.	Select [OK], set data and then retry the operation.	W	0
9110	5605	You cannot register any more hosts.	Select [OK], delete unnecessary hosts and then retry the operation.	W	0
9110	5610	You cannot define any more groups.	Select [OK], delete some of the registered groups and make settings.	W	0
9110	5611	The specified name has already been used.	Select [OK], and then register another name.	W	0
9110	5612	The specified name includes some invalid characters.	Select [OK], check the entered characters and then register the name again.	W	0
9110	5613	The specified host is included in another group.	Select [OK], check the registered hosts and then retry the operation.	W	0
9110	5614	The specified LDEV is included in another group.	Select [OK], check the registered LDEVs and then retry the operation.	W	0
9110	5615	The entered name is invalid.	Select [OK], check the entered name and then retry the operation.	W	0
9110	5616	Some attributes of the security group are invalid.	Select [OK], check attributes of the security group and then retry the operation.	W	0

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
9110	5617	Attributes of the security group differ from the attributes of other related security groups.	Select [OK], check attributes of the security group and then retry the operation.	W	0
9110	5618	The target logical device has already been defined to another security group. Also, the security group contains the same host in the target security group.	Select [OK], check the current settings and then retry the operation.	W	0
9110	5619	The R-VOL/T-VOL cannot be set to the specified security group.	Select [OK]. Ensure that the R-VOL/T-VOL is not set to the specified security group, and then retry the operation.	W	0
9110	5620	The selected volumes include some invalid volumes.	Select [OK], check the selected volumes and then retry the operation.	W	0
9110	5621	No item is selected. Please select an item.	Select [OK], select an item and then retry the operation.	W	0
9110	5622	If you want to continue this operation, please select only one line.	Select [OK], select only one line and then retry the operation.	W	0
9110	5623	The data has been changed. If you select another tab, the settings will be discarded. Are you sure you want to continue?	If you want to continue processing, select [Yes]. If you do not want to continue processing, select [No].	i	0
9110	5816	The host you are registering is already registered in a host group to which ports have already been set.	Check the settings and then retry.	W	0
9110	5817	You are registering a host that is already registered in another host group. Also, you are registering the host in a host group to which ports have already been set.	Check the settings and then retry.	W	0
9110	5818	Ports cannot be set because a host registered in the specified host group is included in another host group.	Check the settings and then retry.	W	0
9110	7060	An error occurred. If this problem persists please call the Support Center.	Please call the Technical Support Center.	W	0
9110	7440	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
9110	8111	There is no CHA PCB for mainframe computers.	Please install PCBs for mainframe computers and then retry the operation.	W	0
9110	8112	There is no valid volume.	Please mount volumes and then retry the operation.	W	0
9110	9081	Are you sure you want to delete the item?	If you want to delete the item, select [Yes]. If you do not want to delete the item, select [No].	i	0
9110	9082	Are you sure you want to delete the selected host which was added by the user?	If you want to delete the host, select [Yes]. If you do not want to delete the host, select [No]	i	0
9110	9083	The specified group is registered in the security group. Are you sure you want to delete the group?	If you want to delete the group, select [Yes]. If you do not want to delete the group, select [No].	i	0
9110	9084	The specified group includes some hosts. Are you sure you want to delete the group?	If you want to delete the group, select [Yes]. If you do not want to delete the group, select [No].	i	0
9110	9101	Do you want to cancel?	If you want to cancel the operation, select [Yes]. If you do not want to cancel the operation, select [No].	i	0

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
9110	9102	Do you want to apply?	If you want to apply, select [Yes]. If you do not want to apply, select [No].	i	0
9110	9160	The specified group is registered in the security group. Are you sure you want to change the name of the group?	If you want to change the group name, select [Yes]. If you do not want to change the group name, select [No].	i	0
9110	9336	Verify the connected device(s) offline (use the Vary Offline Command) to the host(s), and then select Yes.	If you want to set up, select [Yes]. If you do not want to set up, select [No].	i	0
9205	5030	No commands are issued.	Please set one more.	E	5
9205	5041	There are too many commands.	Please reduce the number of set demands.	W	5
9205	5511	The program product is not installed.	Please try the following: 1.Install the program product.2.If the program product cannot be installed, set Read/Write to all LDEVs.	W	5
9205	6012	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	3
9205	6023	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	3
9205	6038	The mistake is found in the set parameter.	If this problem persists, please call the Support Center.	E	3
9205	6502	Currently processing. Wait a few minutes and then retry the operation.	Wait a few minutes and then retry the operation.	W	5
9205	6521	The file does not exist or the attribute of the file is Read Only.	If this problem persists, please call the Support Center.	E	5
9205	6522	The file is not found.	The pattern file might have been deleted. Please create a pattern file again.	W	0
9205	6523	The size of the pattern file is invalid.	If this problem persists, please call the Support Center.	E	5
9205	7060	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
9205	7111	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	3
9205	7310	Unregistered error code.	If this problem persists, please call the Support Center.	E	5
9205	7445	The maximum number of pattern files is 32.	Please delete unneeded files.	E	5
9205	8001	An error occurred while connecting to the subsystem. Please retry a little later.	Please retry a little later.	E	3
9205	8002	A time-out error occurred while connecting to the subsystem. Please retry a little later.	Please retry a little later.	E	3
9205	8102	This function is not supported.	Check the DKCMAIN microprogram version and the SVP microprogram version, because these versions might be mismatched.	E	3
9205	8120	The specified logical device is not equipped.	Please specify a mainframe Volume.	E	5
9205	8121	This logical device is an Open Volume.	Please specify a mainframe Volume.	E	5

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
9205	8122	This logical device is busy.	Please retry a little later.	E	5
9205	8136	The command was rejected, because the licensed capacity was exceeded.	The currently licensed capacity is insufficient. To increase the licensed capacity, buy a new license key.	E	5
9207	5800	The pattern file is not compatible with the RAID device.	The pattern file is obtained from another RAID device, or the format of the pattern file is invalid. Please review the pattern file.	W	5
9207	5801	Illegal data is included in the pattern file used.	Please review the pattern file used.	E	5
9207	5802	The file type is invalid. Please select a file with the extension "*.gad".	Please review the pattern file used.	E	5
9207	5803	The size of the pattern file is invalid.	Please review the pattern file used.	E	5
9207	5804	The format of the pattern file is invalid.	Please review the pattern file.	W	5
9207	5805	You cannot use the following characters for pattern file names: " \ / . , ; * ? < > Also, you cannot use multi-byte characters for pattern file names.	Correct the pattern file name, and retry the operation.	W	5
9207	5806	The maximum length of a pattern file name is 16 characters.	Please use 16 characters or less for a pattern file name.	W	5
9207	5807	The specified file already exists.	Please rename the file.	W	5
9207	6012	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	3
9207	6013	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	5
9207	6028	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	5
9207	6029	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	5
9207	6036	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
9207	7118	A parameter error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	5
9207	7119	A parameter error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	5
9207	7120	A parameter error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	5
9207	7121	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	5
9207	7445	The maximum number of pattern files is 32.	Please delete unneeded files.	W	5
9210	7060	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
9210	7442	There is an illegal value in the LDEV Guard information.	If this problem persists, please call the Support Center.	E	3

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
9210	7443	There is an illegal value in the VTOC information.	If this problem persists, please call the Support Center.	E	3
9210	7444	There is an illegal value in the pattern file information.	The pattern file might be corrupt. Please delete the pattern file and create a new pattern file.	E	5
9210	8112	There is no valid volume	Please mount volumes and then retry the operation.	W	6
9210	9338	It is necessary to install Java Web Start. Do you want to install it?	Please push the YES button for continuing processing. Please push the NO button when you want to stop.	W	0
9210	9339	Please re-start your management session after Java Web Start installation.	Please push the OK button when you log off after installation.	W	2
9210	9350	Starting an application. Select "Cancel" if the application takes forever to start up.	There is a possibility of a network failure. Please retry the same operation.	i	0
9210	9351	JAVA Web Start terminated abnormally.	If this problem persists, please call the Support Center.	W	5
9210	9352	JAVA Web Start terminated abnormally.	If this problem persists, please call the Support Center.	W	5
9210	9353	Attention: If Java(TM) Web Start is not installed, the [OK] buttons do nothing. To install Java(TM) Web Start, please refer to the LDEV Guard User's Guide.	If Java(TM) Web Start is not installed, the [OK] buttons do nothing. To install Java(TM) Web Start, please refer to the LDEV Guard User's Guide.	E	0
9210	9354	In the next panel (the File Download panel), execute one of the following operations. - Select the radio button "Run this program from its current location", and then select "OK". - Select "Open".	Please select the radio button "Run this program from its current location" or select "Open".	i	0
9211	5800	The pattern file is not compatible with the RAID device.	The pattern file was obtained from another RAID device. Please review the pattern file.	W	5
9211	5804	The format of the pattern file is invalid.	Please review the pattern file.	W	5
9211	5805	You cannot use the following characters for pattern file names: " \ / . , ; * ? < > Also, you cannot use multi-byte characters for pattern file names.	Correct the pattern file name, and retry the operation.	W	5
9211	5806	The maximum length of a pattern file name is 16 characters.	Please use 16 characters or less for a pattern file name.	W	5
9211	5808	The specified file already exists. Do you want to overwrite this file?	If you want to overwrite the file, select [OK]. If you do not want to overwrite the file, select [No].	W	0
9211	6023	Network error detected.	If this problem persists, please call the Support Center.	E	2
9211	6027	Network error detected.	If this problem persists, please call the Support Center.	E	2
9211	6030	Network error detected.	If this problem persists, please call the Support Center.	W	2
9211	6525	An incorrect directory was specified.	Please specify a directory again.	W	5

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
9211	6526	File access error.	The destination directory might contain a file that has the same name without Read/Write attribute. Please specify another directory.	E	5
9211	6527	File download failed.	The destination directory does not have enough capacity to contain the file. Please delete files from the destination directory.	E	5
9211	6528	No pattern file was found.	Please review the pattern file name.	W	5
9211	6529	File access error.	If this problem persists, please call the Support Center.	E	5
9211	6530	Exclusive lock was released.	Please apply an exclusive lock again.	E	2
9211	9356	Loading the pattern file was completed.	If you want to continue the operation, select the OK button.	i	0
9505	5030	No commands are issued.	Please issue the request again.	E	5
9505	5040	Too many commands are issued. When you click the Apply button once, up to 3072 commands can be issued.	Please issue 3,072 commands or fewer.	W	5
9505	5041	The maximum number of the initiators and the host groups is respectively 32 and 64 per port group.	Please check the number of the initiators and the host groups registered in the port group.	W	5
9505	5511	The program product is not installed.	Install the program product.	W	5
9505	6012	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	3
9505	6023	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	3
9505	6502	Currently processing. Wait a few minutes and then retry the operation.	Wait a few minutes and then retry the operation.	W	5
9505	6510	The controller is busy now. Please retry a little later.	Please retry a little later.	E	5
9505	6513	A Command was doubly started.	Please retry a little later.	E	5
9505	6514	The specified port could not be manipulated, because the port is a B/D, F/H, K/M or P/R port on the 8GSE PCB and the port is the initiator or the RCU Target.	Please specify a port that satisfies the following conditions: –The port is not a B/D, F/H, K/M or P/R on the 8GSE PCB. –The port is not the initiator or the RCU Target.	W	5
9505	6515	Extended Copy Manager is running, but I/O operations might be in progress. Please stop the host I/O.	Please stop the host I/O.	W	5
9505	7060	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	3
9505	7111	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	3
9505	7310	Unregistered error code.	If this problem persists, please call the Support Center.	E	5

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
9505	7430	The specified ports are not the target of Extended Copy Manager or are not equipped.	Please specify the ports that are the target of Extended Copy Manager.	E	6
9505	7431	Some initiator ports on the high-speed PCB are not specified. All initiator ports on the high-speed PCB need to be changed at the same time.	Please specify all the Initiator ports on the high-speed PCB at the same time.	E	5
9505	7432	The parameters of the initiator ports on the high-speed PCB are not the same. The parameters of all the initiator ports on the high-speed PCB should be same.	Please set the same parameters to all the initiator ports on the high-speed PCB.	E	5
9505	8001	An error occurred while connecting to the subsystem. Please retry a little later.	Retry the operation. If you get the same message again, please call the Support Center.	E	3
9505	8002	A time-out error occurred while connecting to the subsystem. Please retry a little later.	Please retry a little later.	E	3
9505	8102	This function is not supported.	Check the DKCMAIN microprogram version and the SVP microprogram version, because these versions might be mismatched.	E	3
9507	6012	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	3
9510	6516	R-VOLs exist on the RCU port.	Please release the R-VOLs that have been set.	W	5
9510	7060	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
9510	7111	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
9510	8659	There is no Fibre-Channel port.	If this problem persists, please call the Support Center.	i	5
9510	9002	Normal end.	The operation was ended normally. Execute the next operation.	E	2
9510	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 List.	i	0
9510	9060	Are you sure you want to delete the selected row?	To continue processing, select [OK]. To stop processing, select [No].	i	0
9510	9320	Execute an I/O check.	If you want to perform an I/O check, select [OK]. If you do not want to perform an I/O check, select [No]. If you want to cancel the changes, select [Cancel].	i	0
9510	9321	The maximum number of the Initiators and the host groups is respectively 32 and 64 per port group.	Please check the number of the initiators and the host groups registered in the port group.	i	0
9605	5030	No commands are issued.	Please issue a command again.	E	5
9605	5041	There are too many commands.	The number of requests for setting is limited to 8192. Reduce the number and re-execute the operation.	W	5
9605	5511	The program product is not installed.	Please install Program Product.	W	5
9605	5809	The number of requests for combining LUs does not match the number of the LUs.	Please review LUs, and retry the operation.	E	3

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
9605	6012	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	3
9605	6023	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	3
9605	6038	The mistake is found in the set parameter.	If this problem persists, please call the Support Center.	E	2
9605	6502	Currently processing. Wait a few minutes and then retry the operation.	Wait a few minutes and then retry the operation.	W	5
9605	7060	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
9605	7111	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	3
9605	7310	Unregistered error code.	If this problem persists, please call the Support Center.	E	5
9605	8001	An error occurred while connecting to the subsystem. Please retry a little later.	Please retry a little later.	E	3
9605	8002	A time-out error occurred while connecting to the subsystem. Please retry a little later.	Please retry a little later.	E	3
9605	8102	This function is not supported.	Check the DKCMAIN microprogram version and the SVP microprogram version, because these versions might be mismatched.	E	3
9605	8120	The specified logical device does not exist.	Please specify an open-system volume.	E	5
9605	8122	This logical device is busy.	Please retry a little later.	E	5
9605	8123	This function is not supported.	Check the DKCMAIN microprogram version and the SVP microprogram version, because these versions might be mismatched.	E	5
9605	8124	This logical device is a mainframe volume.	Please specify an open-system volume.	E	5
9605	8125	The attribute of the logical device has been changed by Command Control Interface.	Please review LDEV information and then retry.	E	5
9605	8126	This logical device is configured as a command device.	Please review the logical device configuration, and retry the operation.	E	5
9605	8128	The parameter error occurred.	If this problem persists, please call the Support Center.	E	5
9605	8129	This logical device is a Just in Time volume.	Please review the logical device configuration, and retry the operation.	E	5
9605	8130	This logical device is a Hi-Copy volume.	Please review the logical device, and retry the operation.	E	5
9605	8132	Unregistered error code.	If this problem persists, please call the Support Center.	E	5
9605	8134	You cannot change the attribute of this logical device to Read/Write. Please call the Support Center if you want to change the attribute.	You cannot change the attribute of this logical device to Read/Write. Please call the Support Center if you want to change the attribute.	E	5

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
9605	8135	This logical device is already used as an S-VOL for Hitachi TrueCopy or ShadowImage.	Please review the logical device configuration, and retry the operation.	E	5
9605	8136	The command was rejected, because the licensed capacity was exceeded.	The currently licensed capacity is insufficient. To increase the licensed capacity, buy a new license key.	E	5
9605	8138	The Reserved setting of the specified device cannot be released. If you want to release the Reserved setting, please call the Support Center.	The Reserved setting of the specified device cannot be released. If you want to release the Reserved setting, please call the Support Center.	E	5
9605	8150	You tried to set a retention term to an LDEV whose attribute is not Read Only or Protect.	Please check the logical device, and retry the operation.	E	5
9605	8151	You cannot shorten the retention term for the logical device. Please call the Support Center if you want to shorten the retention term.	You cannot shorten the retention term for the logical device. Please call the Support Center if you want to shorten the retention term.	E	5
9605	8152	You cannot set a retention term to any mainframe volumes.	Please specify an open-system volume.	E	5
9605	8153	The specified retention term exceeds the maximum.	Please correct the retention term and retry the operation.	E	5
9605	8154	The retention term for the logical device has been changed by Command Control Interface.	Please check LDEV information and then retry.	E	5
9605	8155	You cannot change the attribute because a retention term is specified.	You cannot change the attribute of this logical device to Read/Write. Please call the Support Center if you want to change the attribute.	E	5
9605	8156	You cannot change the attribute because expiration lock is set to ON.	Please set expiration lock to OFF and then change the attribute.	E	5
9607	6012	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	3
9607	6013	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	5
9607	6028	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	5
9607	6029	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	5
9607	7118	A parameter error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	5
9607	7119	A parameter error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	5
9607	7120	A parameter error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	5
9607	7121	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	5
9610	7060	An error occurred. If this problem persists, please call the Support Center.	If this problem persists, please call the Support Center.	E	2
9610	7442	There is an illegal value in the LDEV Guard information.	If this problem persists, please call the Support Center.	E	3

Part Code	Error Number	Error Message	Recommended Action	Severity Level	Failure Level
9610	8112	There is no valid volume.	Please mount volumes and then retry the operation.	W	6
9610	9338	It is necessary to install Java Web Start. Do you want to install it?	Please push the YES button for continuing processing. Please push the NO button when you want to stop.	W	0
9610	9339	Please re-start your management session after Java Web Start installation.	Please push the OK button when you log off after installation.	W	2
9610	9362	Do you want to change the Expiration Lock mode?	To change the mode, select [OK]. To avoid changing the mode, select [Cancel].	i	0
9610	9363	The specified retention term exceeds the maximum.	Please correct the retention term and retry the operation.	i	0

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