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Device Manager - Storage Navigator
Messages

Hitachi Virtual Storage Platform G200, G400, G600, G800

Hitachi Virtual Storage Platform F400, F600, F800

FASTFIND LINKS

Product Version

Contents

Hitachi Data Systems

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Preface

This document lists the error codes and error messages for the Hitachi Device Manager - Storage Navigator for the Hitachi Virtual Storage Platform G200, G400, G600, G800 (VSP Gx00 models) or Hitachi Virtual Storage Platform F400, F600, F800 (VSP Fx00 models) storage system, and provides the recommended action for the error conditions.

Please read this document carefully to understand how to use this product, and maintain a copy for reference purposes.

- Intended audience
- Product version
- Release notes
- Referenced documents
- Document conventions

Intended audience

This document is intended for system administrators, Hitachi Data Systems representatives, and authorized service providers who are involved in installing, configuring, and operating the VSP Gx00 models and VSP Fx00 models.

Readers of this document should have at least the following knowledge and experience:

- You should have a background in data processing and understand RAID storage systems and their basic functions.
- You should be familiar with the Device Manager - Storage Navigator software for the VSP Gx00 models and VSP Fx00 models and have read the *Hitachi Command Suite User Guide*.
- You should be familiar with the operating system and web browser software on the system hosting the Device Manager - Storage Navigator software.

Product version

This document revision applies to VSP Gx00 models and VSP Fx00 models firmware version 83-04-0*x* and later.

Release notes

The VSP Gx00 models and VSP Fx00 models Release Notes are available on Hitachi Data Systems Support Connect:https://knowledge.hds.com/Documents. Read the release notes before installing and using this product. They may contain requirements or restrictions that are not fully described in this document or updates or corrections to this document.

Referenced documents

- *Hitachi Command Suite User Guide* , MK-94HM8016

Document conventions

This document uses the following typographic conventions:

Convention	Description
Bold	Indicates text on a window, other than the window title, including menus, menu options, buttons, fields, and labels. Example: Click OK.
Italic	Indicates a variable, which is a placeholder for actual text provided by the user or system. Example: copy *source-file target-file*

Convention	Description
	Note: Angled brackets (< >) are also used to indicate variables.
`screen/code`	Indicates text that is displayed on screen or entered by the user. Example: `# pairdisplay -g oradb`
< > angled brackets	Indicates a variable, which is a placeholder for actual text provided by the user or system. Example: `# pairdisplay -g <group>` ***Note:*** Italic font is also used to indicate variables.
[ ] square brackets	Indicates optional values. Example: [a | b] indicates that you can choose a, b, or nothing.
{ } braces	Indicates required or expected values. Example: { a | b } indicates that you must choose either a or b.
| vertical bar	Indicates that you have a choice between two or more options or arguments. Examples: [a | b] indicates that you can choose a, b, or nothing. { a | b } indicates that you must choose either a or b.

This document uses the following icons to draw attention to information:

Icon	Label	Description
	Note	Calls attention to important or additional information.
	Tip	Provides helpful information, guidelines, or suggestions for performing tasks more effectively.
	Important	Provides information that is essential to the completion of a task.
	Caution	Warns the user of adverse conditions or consequences (for example, disruptive operations).
	WARNING	Warns the user of severe conditions or consequences (for example, destructive operations).

Convention for storage capacity values

Physical storage capacity values (for example, disk drive capacity) are calculated based on the following values:

Physical capacity unit	Value
1 KB	1,000 (10^3) bytes
1 MB	1,000 KB or $1{,}000^2$ bytes
1 GB	1,000 MB or $1{,}000^3$ bytes

Physical capacity unit	Value
1 TB	1,000 GB or $1{,}000^4$ bytes
1 PB	1,000 TB or $1{,}000^5$ bytes
1 EB	1,000 PB or $1{,}000^6$ bytes

Logical storage capacity values (for example, logical device capacity) are calculated based on the following values:

Logical capacity unit	Value
1 block	512 bytes
1 cylinder	Mainframe: 870 KB Open-systems: • OPEN-V: 960 KB • Others: 720 KB
1 KB	1,024 (2^{10}) bytes
1 MB	1,024 KB or $1{,}024^2$ bytes
1 GB	1,024 MB or $1{,}024^3$ bytes
1 TB	1,024 GB or $1{,}024^4$ bytes
1 PB	1,024 TB or $1{,}024^5$ bytes
1 EB	1,024 PB or $1{,}024^6$ bytes

Accessing product documentation

Product documentation is available on Hitachi Data Systems Support Connect: https://knowledge.hds.com/Documents. Check this site for the most current documentation, including important updates that may have been made after the release of the product.

Getting help

Hitachi Data Systems Support Connect is the destination for technical support of products and solutions sold by Hitachi Data Systems. To contact technical support, log on to Hitachi Data Systems Support Connect for contact information: https://support.hds.com/en_us/contact-us.html.

Hitachi Data Systems Community is a new global online community for HDS customers, partners, independent software vendors, employees, and prospects. It is the destination to get answers, discover insights, and make connections. **Join the conversation today!** Go to community.hds.com, register, and complete your profile.

Comments

Please send us your comments on this document: doc.comments@hds.com. Include the document title and number, including the revision level (for example, -07), and refer to specific sections and paragraphs whenever possible. All comments become the property of Hitachi Data Systems Corporation.

Thank you!

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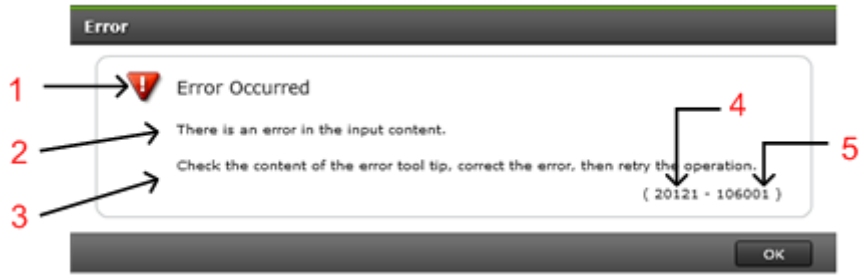
VSP Gx00 models, VSP Fx00 models messages and error codes

This chapter covers the various messages and error codes released by the Virtual Storage Platform G200, G400, G600, G800 (VSP Gx00 models) storage system and Virtual Storage Platform F400, F600, F800 (VSP Fx00 models) storage system.

- ☐ Message window and display items
- ☐ Error message in this manual
- ☐ Message not listed in this manual

Message window and display items

Examples of message windows and descriptions of display items are given below.



No.	Item	Description
1	Message level	There are four message levels as shown below. • Information • Warning • Fatal error • The server is unable to accept the request from Device Manager - Storage Navigator. One possible cause is that another process is in progress at the server. This message does not indicate an error.
2	Message text	Descriptive text that appears in the message window.
3	Recommended action	Recommended actions corresponding to the message text are provided. Take actions based on instructions given in the message window or in the recommended action part in this manual. In some cases, a message window is displayed without any recommended actions. In these circumstances, refer to the part code and the error code shown in the message window and see applicable recommended actions provided in this manual.
4	Part code	The part code identifies the application that issued the message. In some cases, the number of digits in a message window may not match the number of digits provided in this manual, so if a four-digit part code is displayed in the message window, add a zero "0" to the beginning of the part code so as to make it a five-digit code, and then refer to this manual. For example, when a four-digit part code, 7005, is displayed in a message window, refer to a five-digit part code, 07005, in this manual.
5	Error code	The error code is a message ID. In some cases, the number of digits in a message window may not match the number of digits provided in this manual, so if a part code having five or less digits is displayed in the message window, add some zeros to the beginning of the part code so as to make it a six-digit code, and then refer to this manual.

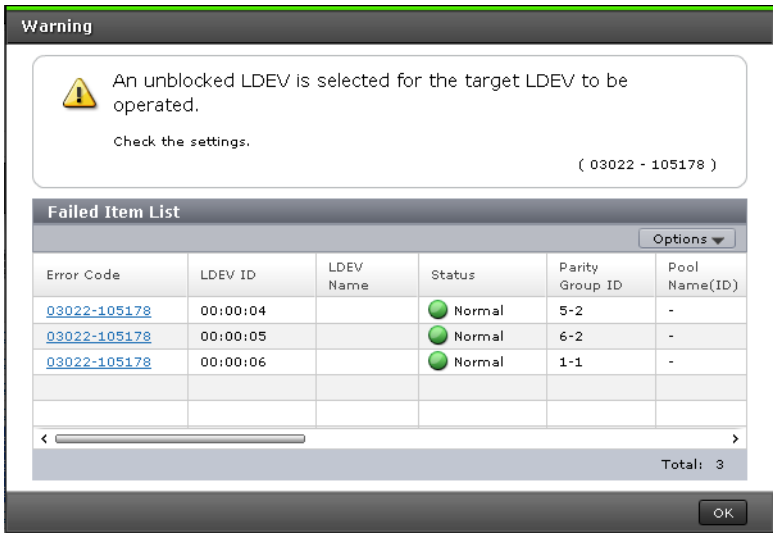
No.	Item	Description
		For example, when a four-digit error code, 6023, is displayed in a message window, refer to a six-digit error code, 006023, in this manual.

Note: If Device Manager - Storage Navigator starts and displays the following message, refer to the error code and number the (YYYY ZZZZZ) represent. A check box may be indicated in the message window. If you check the box the message will not appear until you log in again.

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

Note: A check box may be indicated in the message window. If you check the box the message will not appear until you log in again.

For the operation in which multiple items are specified, a table containing details of the error is displayed under the message window in some cases. For example, LDEVs on which the error occurred are listed in the table below.



Error message in this manual

Example of an error message provided in this manual

1 Part Code	2 Error Number	3 Error Message	4 Recommended Action	5 Severity Level
20121	106001	There is an error in the input content.	Check the content of the error tool tip, correct the error, then retry the operation.	E

No.	Description
1 2 5	The part code, the error code, and the severity level for the error condition. A message with a part code starting with 3 is the one that is displayed while operating Maintenance Utility.
3 4	The error message and the recommended action. In this manual, *xxx* in descriptive texts represents a string/variable that is determined by the content of the processing, and it is replaced by the actual sting/variable determined by the content of the processing on a message window. However, no string/variable might appear for *xxx* in some cases.

Message not listed in this manual

This manual contains messages generated during operation of Device Manager - Storage Navigator and Maintenance Utility. For messages generated during operation of the Storage Device List or when a batch command is run on SVP, see the following HTML file in the SVP:

<SVP installation directory>`\wk\supervisor\sdlist\help\sdl_message.html`

Note: *<SVP installation directory>* is "`C:\Mapp`" by default.

For messages generated during installation of SVP software, see the troubleshooting section in your *Hardware Reference Guide*.

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Message (part code group 00nnn)

This chapter includes the error messages with the part code 00001 to 00810.

- Part code 00001
- Part code 00002
- Part code 00003
- Part code 00004
- Part code 00005
- Part code 00006
- Part code 00007
- Part code 00010
- Part code 00021
- Part code 00022
- Part code 00105
- Part code 00110
- Part code 00122
- Part code 00221
- Part code 00222

- Part code 00305
- Part code 00321
- Part code 00322
- Part code 00405
- Part code 00407
- Part code 00421
- Part code 00422
- Part code 00605
- Part code 00621
- Part code 00622
- Part code 00721
- Part code 00722
- Part code 00726
- Part code 00810

Part code 00001

Table 2-1 Error codes (part code 00001)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00001	001000	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	001001	A time-out error occurred.	The array controller reboots automatically. If the same error occurs despite retrying, please call the Support Center.	E
00001	001002	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	001003	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	001004	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	002000	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	002001	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	002002	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	002005	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	003000	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	003001	The number of set operations exceeds the maximum (20000).	Please reduce the number of set operations, and perform again.	E
00001	003002	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	004001	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	004006	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	004007	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	004008	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
00001	004009	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
00001	004010	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
00001	004011	A network error occurred. The probable cause is:	Log on again. A network error may occur when the load of another	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• A timeout error occurred during communication with the Storage Navigator.	application program working on the same PC with Storage Navigator is high. Increase the value of the RMI time-out period when network error occurs.	
00001	004012	The number of clients logged on to the RMI server has exceeded 32.	Log on again after a while.	E
00001	004013	The Storage Navigator configuration is invalid.	If the problem persists despite retrying, please call the Support Center.	E
00001	004020	Network error detected; exclusive lock is released.	Lock is removed. Lock again.	W
00001	005013	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	005014	The user ID or password is invalid.	Enter a correct user name or a password.	E
00001	005075	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	005099	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	005132	The specified user ID is already logged on, or the previous logon was not properly terminated. Please try again later. (By default, the session/RMI time-out is one minute.)	Log in with a different user name. Or, there is a possibility that the previous termination process might be invalid. (Terminated by clicking the end button of the browser.) In this case, log in again after the RMI Time-out (default 1 min.).	E
00001	005300	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	005301	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	005400	Failed to access the monitoring data because accessing the monitoring data on the Storage Navigator is busy.	A different user might open one of the following windows or run the export tool. In this case, wait until one of the users moves to a different window or exits the export tool. • [Usage Monitor] window of the True Copy • [Usage Monitor] window of the Universal Replicator • Volume Migration window • Server Priority Manager window	W
00001	005508	An administrator is changing a system environment file. Please log on again after waiting for a while.	If the problem persists despite retrying, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00001	005509	Modify mode released due to inactivity. Do you want to get back to the Modify mode?	To get back to the Modify mode, click [OK]. Otherwise, click [Cancel].	E
00001	005514	An error occurred during Storage Navigator processing.	If the same problem persists despite retrying, please call the Hitachi Data Systems Support Center.	E
00001	005515	An error occurred during Storage Navigator processing.	If the same problem persists despite retrying, please call the Hitachi Data Systems Support Center.	E
00001	005516	An error occurred during Storage Navigator processing.	If the same problem persists despite retrying, please call the Hitachi Data Systems Support Center.	E
00001	005517	An error occurred during Storage Navigator processing.	If the same problem persists despite retrying, please call the Hitachi Data Systems Support Center.	E
00001	005518	An error occurred during Storage Navigator processing.	If the same problem persists despite retrying, please call the Hitachi Data Systems Support Center.	E
00001	005519	An error occurred during Storage Navigator processing.	If the same problem persists despite retrying, please call the Hitachi Data Systems Support Center.	E
00001	005520	An error occurred during Storage Navigator processing.	If the same problem persists despite retrying, please call the Hitachi Data Systems Support Center.	E
00001	005521	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	005522	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	005523	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	005635	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	005636	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	005637	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	005638	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	005639	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	005640	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00001	005811	An error occurred during Storage Navigator processing.	If the same problem persists despite retrying, please call the Hitachi Data Systems Support Center.	E
00001	005813	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	005814	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	006002	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	006004	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	006012	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	006022	A file open error has occurred.	If the problem persists despite retrying, please call the Support Center.	E
00001	006023	Failed to access the file. Check the setting, and then retry the operation. If the same problem persists despite retrying, please call the Support Center.	If the problem persists despite retrying, please call the Support Center.	E
00001	006039	An error occurred during Storage Navigator processing. If this problem persists, please call the Support Center.	If the problem persists despite retrying, please call the Support Center.	E
00001	007003	The content of the management file of the audit log is invalid.	If the problem persists despite retrying, please call the Support Center.	E
00001	007050	An error occurred during processing. The software version of Storage Navigator on the client PC might not match that of the destination SVP.	Clear the caches of the JRE and the browser on the client PC, restart the browser, and then retry the operation. If this problem persists, contact your network administrator because the proxy server might cause the problem. If there is no problem in the network and this problem persists, contact the Hitachi Data Systems Support Center.	E
00001	055034	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	055044	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00001	055200	An internal logical error occurred.	If the problem persists despite retrying, please call the Support Center.	E
00001	056545	The operation failed because the audit log is being processed. Please wait for a while, and then retry the operation.	If the problem persists despite retrying, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00001	056548	The Storage Navigator is transferring the file to the FTP server. Wait for a while, then retry the operation.	If the problem persists despite retrying, please call the Support Center.	E
00001	056549	Another user is downloading the file or transferring the file to the FTP server. Please wait for a while, and then retry the operation.	If the problem persists despite retrying, please call the Support Center.	E
00001	056550	Transfer to the FTP server is disabled. Check the setting.	If the problem persists despite retrying, please call the Support Center.	E
00001	056551	Failed to connect to the FTP server. Check the IP address, or the connection between the Storage Navigator and the FTP server.	If the problem persists despite retrying, please call the Support Center.	E
00001	056552	The file transfer to the FTP server failed. Check the user ID and the password.	If the problem persists despite retrying, please call the Support Center.	E
00001	056553	The file transfer to the FTP server failed. Check the output folder and the status of the FTP server.	If the problem persists despite retrying, please call the Support Center.	E
00001	056554	The file transfer to the FTP server failed. If this problem persists, please call the Support Center.	If the problem persists despite retrying, please call the Support Center.	E
00001	056555	The complete operation is performed to all SIMs related to Audit Log.	If the problem persists despite retrying, please call the Support Center.	E
00001	056556	Complete operation of SIMs failed because the number of audit logs that had not been transferred exceeded the threshold.	If the problem persists despite retrying, please call the Support Center.	E
00001	056557	The complete operation of the SIM may not have completed since the SVP is busy.	If the problem persists despite retrying, please call the Support Center.	E
00001	057106	An invalid value is included in the management file of the audit log. Please retry the operation.	If the problem persists despite retrying, please call the Support Center.	E
00001	065734	CVAE version information ID is invalid. Check the setting, and then retry the operation.	If the problem persists despite retrying, please call the Support Center.	E
00001	066100	The login could not be performed because a function failed to start during Storage Navigator initialization.	If the problem persists despite retrying, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00001	066559	The operation failed because the SVP OS does not support IPv6.	If the problem persists despite retrying, please call the Support Center.	E
00001	066802	No more CVAE version information can be registered, because the number of registered CVAE version information reached the maximum. Reduce the number of CVAE version information and then retry the operation.	If the problem persists despite retrying, please call the Support Center.	E

Part code 00002

Table 2-2 Error codes (part code 00002)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00002	002001	An error occurred during Storage Navigator processing.	Restart the SVP, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
00002	002002	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00002	002003	The SVP is busy.	Click [Refresh All] on the File menu and refresh the configuration.	W
00002	002004	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00002	002005	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00002	002006	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00002	002007	The storage system is refreshing or some other user is changing the setting.	Wait and then retry the operation.	W
00002	002008	An error occurred during Storage Navigator processing.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
00002	002009	An error occurred during Storage Navigator processing.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			the Hitachi Data Systems Support Center.	
00002	002010	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00002	002011	The Storage Navigator configuration is invalid.	If the problem persists despite retrying, please call the Support Center.	E
00002	002013	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00002	002015	An error occurred during Storage Navigator processing.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
00002	002016	The array is refreshing, or some other user is registering the setting.	Wait, then retry the operation.	W
00002	002145	An error occurred while communicating with the storage system.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	W
00002	003003	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00002	005010	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00002	005040	The number of requests exceeds the maximum number that can be processed.	Reduce the number of requests, then retry the operation.	W
00002	005510	The storage system is in the internal process, or some other user is changing the configuration.	Wait, then click [Refresh] on the [File] menu or login again.	W
00002	006000	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00002	006002	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00002	006012	An error occurred during Storage Navigator processing.	Restart the SVP, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
00002	006022	An error occurred during Storage Navigator processing.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	
00002	006023	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00002	006050	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00002	006502	Processing is in progress.	If the problem persists despite retrying, please call the Support Center.	W
00002	007030	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00002	007060	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00002	008000	An error occurred while connecting to the storage system.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
00002	008001	A communication time-out error occurred.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
00002	008005	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00002	008100	An error occurred while connecting to the storage system.	Verify the software version of the storage system.	E
00002	009000	Another user is accessing with Modify mode.	Wait, then retry the operation.	W
00002	009999	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00002	058578	An error occurred in the storage system. The configuration may be inconsistent.	Click [Refresh All] on the [File] menu, then refresh the configuration.	W
00002	065740	The configuration changing processes are conflicting at DKC.	Check if the configuration changing process by the Command Control Interface, the Volume Migration, or the Quick Restore is not in operation, and then retry the operation.	W
00002	066100	The login could not be performed because a function	Call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		failed to start during Storage Navigator initialization.		
00002	076516	The resource group definition is being changed.	Wait, and then retry the operation.	W
00002	206500	The configuration information of the Virtual Storage Machine has changed.	Refresh the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W

Part code 00003

Table 2-3 Error codes (part code 00003)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00003	001900	The operation cannot be performed because the storage system is being maintained.	Wait until the maintenance operation is complete, and then retry the operation.	W
00003	002001	An error occurred during Storage Navigator processing.	Restart the SVP, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
00003	002003	Such as Volume Migration and QuickRestore are in progress.	Wait for a while, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
00003	002004	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00003	002005	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00003	002006	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00003	002009	An error occurred during Storage Navigator processing.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
00003	002011	The status of the storage system requires maintenance (for example, the storage system is blocked, the shared memory is inconsistent, or some other factor).	If the problem persists despite retrying, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00003	002013	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00003	002015	An error occurred while connecting to the storage system.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
00003	002016	A service engineer is accessing the system in Modify mode.	Retry the operation later.	W
00003	002017	Network error detected; exclusive lock is released.	Re-execute the request for starting exclusive lock.	W
00003	002032	Communication busy.	Retry the operation later.	W
00003	002033	The Storage Navigator is not ready yet, or an internal processing is being executed.	Wait, then click [Refresh] on the [File] menu. When an error occurs during a login, wait, then log in again.	W
00003	002083	The storage system status is invalid.	Check the DKC status and the current status of the configuration setting. If necessary, re-execute the setting operation.	E
00003	002084	The storage system status is invalid.	Check the DKC status and the current status of the configuration setting. If necessary, re-execute the setting operation.	E
00003	002100	An error occurred while connecting to the storage system. The configuration may be inconsistent.	Click [Refresh All] on the [File] menu, then refresh the configuration.	W
00003	003003	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E

Part code 00004

Table 2-4 Error codes (part code 00004)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00004	006000	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00004	006001	A time-out error occurred.	The array controller reboots automatically. If the same error occurs despite retrying, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00004	006002	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00004	006003	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00004	006010	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00004	006011	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00004	006012	An error occurred during Storage Navigator processing.	Restart the SVP, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
00004	006013	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00004	006023	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00004	006037	The storage system status is invalid.	If the problem persists despite retrying, please call the Support Center.	E

Part code 00005

Table 2-5 Error codes (part code 00005)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00005	002007	The storage system is refreshing or some other user is changing the setting.	Wait and then retry the operation.	W
00005	005099	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00005	066101	This function could not be used because a function failed to start during Storage Navigator initialization.	Click [Refresh All] on the [File] menu, then retry the operation. If the same problem persists despite retrying, please call the Support Center.	E

Part code 00006

Table 2-6 Error codes (part code 00006)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00006	001005	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00006	001006	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00006	001007	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00006	001009	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00006	004000	The Storage Navigator configuration is invalid.	If the problem persists despite retrying, please call the Support Center.	E

Part code 00007

Table 2-7 Error codes (part code 00007)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00007	005013	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00007	006012	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00007	006022	File access error is occurred. If a file is transferred between Storage Navigator and client PC, confirm that the file name does not contain invalid characters. In other cases, please wait for a while, and retry the operation.	If the problem persists despite retrying, please call the Support Center.	E
00007	006023	File access error is occurred. If a file is transferred between Storage Navigator and client PC, confirm that the file name does not contain invalid characters. In other cases, please wait for a while, and retry the operation.	If the problem persists despite retrying, please call the Support Center.	E
00007	006091	An error occurred while compressing a file.	If the problem persists despite retrying, please call the Support Center.	E
00007	006092	An error occurred while reading a file.	If the problem persists despite retrying, please call the Support Center.	E
00007	006093	The specified file was not found.	If the problem persists despite retrying, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00007	056546	Another user is downloading the file or transferring the file to the FTP server. Please wait for a while, and then retry the operation.	If the problem persists despite retrying, please call the Support Center.	E

Part code 00010

Table 2-8 Error codes (part code 00010)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00010	006027	A network error occurred. The causes might be one of the following. • The SVP was not ready. • An error occurred in the SVP. • A timeout error occurred while communicating with the SVP.	You cannot connect to the SVP because of factors, such as a network error or SVP 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 a while. If the problem persists, please contact the HSSC. The version of Storage Navigator may not match the version of destination SVP. Clear the cache of JRE and the browser. Restart the browser,and then retry the processing. The Storage Navigator is downloaded via the network and then executed. If you use a proxy server, the old version of the program may remain in the cache of the proxy, and may be downloaded and executed. If this problem persists, contact your network administrator. If your network does not have any problem, and this problem persists, please contact the HSSC.	E

Part code 00021

Table 2-9 Error codes (part code 00021)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00021	105001	No table rows are selected.	Select one or more table rows.	W
00021	109006	Are you sure you want to apply the setting information?	To continue, click [OK]. Otherwise, click [Cancel].	W

Part code 00022

Table 2-10 Error codes (part code 00022)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00022	107001	The process cannot be continued due to an internal logical contradiction.	Refresh the window, then retry the operation.If the same problem persists despite retrying, please call the Support Center.	E
00022	107002	The processing cannot continue due to an internal logic contradiction.	Close the error dialog box so that the latest information is automatically displayed on the window. Wait until the window has been refreshed, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
00022	107003	The processing cannot continue due to an internal logic contradiction.	Close the error dialog box so that the latest information is automatically displayed on the window. Wait until the window has been refreshed, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
00022	107004	The process cannot be continued due to an internal logical contradiction.	Retry the operation. If the same problem occurs again, close the dialog window, click [Refresh], then retry again. If the same problem persists despite retrying, please call the Support Center.	E
00022	107005	The processing cannot continue due to an internal logic contradiction.	Close the window, click [Refresh All] on the [File] menu, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
00022	400001	Either of the two options, No.5 or No.6, can be enabled.	Enable one of the two options.	E

Part code 00105

Table 2-11 Error codes (part code 00105)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00105	003003	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00105	006012	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00105	078065	The operation cannot be performed because the storage system is in internal process, or the configuration is being changed by a different operation.	Wait for a while, and then retry the operation.	W

Part code 00110

Table 2-12 Error codes (part code 00110)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00110	005030	The displayed information has not been changed. Try again.	Check the microprogram version of the storage system.	W
00110	007060	An error occurred in the client logic.	Check the microprogram version of the storage system.	E
00110	007440	An error occurred during processing. If this problem persists, please call the Support Center.	Check the microprogram version of the storage system.	E
00110	008100	A SIM occurred.	If this problem persists, please call the Support Center.	E
00110	009002	The requested operation is complete.	Click [OK].	i
00110	009100	Do you want to exit?	Click [OK] to finish window.	i
00110	009101	Do you want to cancel?	To cancel processing, click [OK]. To continue processing, click [Cancel].	i
00110	009102	Do you want to apply?	To continue processing, click [OK]. To cancel processing, click [Cancel].	i
00110	009104	Do you want to change the mode?	Click [OK] to change mode. To cancel processing, click [Cancel]	i
00110	009105	The value that is under setup is not reflected yet. Do you want to exit?	Click [OK] to finish window.	W
00110	009106	The value that is under setup is not reflected yet. Do you want to change the mode?	Click [OK] to change mode. To cancel processing, click [Cancel]	W
00110	009107	The value that is under setup is not reflected yet. Do you want to continue the operation?	To continue processing, click [OK]. To cancel processing, click [Cancel].	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00110	055045	The installation status of program products has been changed. To update the status immediately, click [Refresh] on the File menu.	To update the status immediately, click [Refresh] on the File menu.	i
00110	056503	The unsupported JRE version is used. Install the supported version of JRE, then retry the operation.	Install the supported version of JRE.	E
00110	056558	Modify mode released due to inactivity. Another user or service engineer may have changed the configuration while the Modify mode was released. Get back to the Modify mode and change the configuration again. Set the "RMI time-out period for Modify" by using the "Set Env." dialog box located on the Control Panel of the Storage Navigator to change the time-out period for Modify mode.	Get back to the Modify mode and change the configuration again.	E
00110	057011	An error occurred regarding screen display. Please log off from Storage Navigator. After that, please log on to Storage Navigator again and check whether configuration changes have been made correctly.	Please log off from Storage Navigator. After that, please log on to Storage Navigator again and check whether configuration changes have been made correctly.	E
00110	059002	The storage system is in internal process, or some other user is changing the configuration. Wait, then click [OK] and change the mode to Modify. Do you want to change the mode to Modify again?	Wait, then click [OK] and change the mode to Modify.	W
00110	059003	Succeeded to change the mode to Modify.	Reply to the message.	i
00110	059105	Do you want to refresh all the configuration information?	To refresh all configuration, click [OK]. To cancel refreshing, click [Cancel].	i
00110	065092	An error occurred regarding screen display. Select the window you wish to display from the [Go] menu.	Select the window you wish to display from the [Go] menu.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00110	067005	Configuration information on the storage system and the configuration information on the SVP became inconsistent. Click [Refresh All] on the File menu and refresh the configuration information.	Click [Refresh All] on the File menu and refresh the configuration information.	E
00110	069007	Another user is accessing in Modify mode. Please wait for a while, then retry the operation.	Please wait for a while, then retry the operation.	W
00110	069024	No function can be used.	Please login with user with the required roles.	W
00110	069028	The setting may not be applied when another user is applying the setting. When the setting is not applied, wait a while and retry the operation. Do you want to continue?	To continue processing, click [OK]. To cancel processing, click [Cancel].	i

Part code 00122

Table 2-13 Error codes (part code 00122)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00122	105260	The free space for storing audit log files is running out. Usage Rate *xxx*%	Download the Audit Log.	W
00122	105261	The free space for storing audit log files has run out. The old audit log information will be overwritten. Usage Rate *xxx*%	Download the Audit Log.	E
00122	107016	The audit log is not reset because the file of the audit log is not saved.	Download the audit log again and save the file for resetting the audit log.	W
00122	107017	An error occurred while accessing the alert information.	If the same problem persists despite retrying, please call the Support Center.	E
00122	107020	The state of Audit Log cannot be acquired.	If the same problem persists despite retrying, please call the Support Center.	E
00122	107021	The lock status of the resource cannot be obtained.	Check that the power is supplied to the DKC. If the same problem persists	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			despite retrying, please call the Support Center.	
00122	109011	The free space for storing audit log files is normal value. Usage Rate *xxx*%	-	i

Part code 00221

Table 2-14 Error codes (part code 00221)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00221	105007	The re-entered password does not match the one entered previously.	Verify the settings, and then retry the operation.	W
00221	105008	The re-entered secret does not match the one entered previously.	Verify the settings, and then retry the operation.	W

Part code 00222

Table 2-15 Error codes (part code 00222)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00222	105212	The characters used for the user name or the number of the characters of the user name is invalid.	Check the settings.	W
00222	105213	A radio button for Account Status is not selected.	Check the settings.	W
00222	105214	A radio button for authentication is not selected.	Check the settings.	W
00222	105215	The characters used for the password or the number of the characters of the password is invalid.	Check the settings.	W
00222	105216	The re-entered password does not match the password which entered previously.	Check the settings.	W
00222	105217	The specified current password is incorrect.	Enter a correct password.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00222	105218	The new password is identical to the current password.	Specify a password different from the current one.	W
00222	105219	The characters used for the new password or the number of the characters of the new password is invalid.	Check the settings.	W
00222	105220	The re-entered new password does not match the new password entered previously.	Check the settings.	W
00222	105221	No check box is selected.	Check the settings.	W
00222	105222	The user to be registered is not selected.	Select a user to be registered, then retry the operation.	W
00222	105223	No table row, or two or more table rows are selected.	Select one table row.	W
00222	105224	Two or more table rows are selected.	Select one table row, or do not select table row.	W
00222	105225	No table rows are selected.	Select one or more table rows.	W
00222	105316	No certification file is selected.	Select a certification file.	W
00222	105317	Invalid characters are used in the certification file name.	" ; * ? < > | . cannot be used.	W
00222	105318	The domain name of authentication server is not input.	This is a compulsory input item.	W
00222	105319	The domain name of authentication server is too long.	Enter with 1 to 255 characters.	W
00222	105320	Invalid characters are used in the domain name of authentication server.	Enter with alphanumeric characters and symbols(- .).	W
00222	105321	The user name attribute of authentication server is not input.	This is a compulsory input item.	W
00222	105322	Invalid characters are used in the specified user name attribute of authentication server.	Enter with alphanumeric characters and symbols(! # $ % & ' ( ) * + , - . / : ; < = > ? @ [\ ] ^ _ ` { | } ~).	W
00222	105323	The timeout of authentication server is not input.	This is a compulsory input item.	W
00222	105324	Other than the numeric characters are input to the specified timeout of authentication server.	Enter with numeric characters.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00222	105325	The value that can be input to the timeout of authentication server is 1 to 120.	Set a value within the range.	W
00222	105326	The retry interval for the authentication server is not input.	This is a compulsory input item.	W
00222	105327	Other than the numeric characters are input to the retry interval of authentication server.	Enter with numeric characters.	W
00222	105328	The value that can be input to the retry interval of authentication server is 1 to 60.	Set a value within the range.	W
00222	105329	The number of retries for the authentication server is not input.	This is a compulsory input item.	W
00222	105330	Other than the numeric characters are input to the specified number of retries of authentication server.	Enter with numeric characters.	W
00222	105331	The value that can be input to the number of retries of authentication server is 1 to 50.	Set a value within the range.	W
00222	105332	The base DN of authentication server is not input.	This is a compulsory input item.	W
00222	105333	The base DN of authentication server is too long.	Enter with 1 to 255 characters.	W
00222	105334	Invalid characters are used in the specified base DN of authentication server.	Enter with alphanumeric characters, spaces, and symbols(! # $ % & ' ( ) * + , - . / : ; < = > ? @ [\ ] ^ _ ` { | } ~ ").	W
00222	105335	The user DN of authentication server for searching is not input.	This is a compulsory input item.	W
00222	105336	The user DN of authentication server for searching is too long.	Enter with 1 to 255 characters.	W
00222	105337	Invalid characters are used in the specified user DN of authentication server for searching.	Enter with alphanumeric characters, spaces, and symbols(! # $ % & ' ( ) * + , - . / : ; < = > ? @ [\ ] ^ _ ` { | } ~ ").	W
00222	105338	The password of authentication server is not input.	This is a compulsory input item.	W
00222	105339	The password of authentication server is too long.	Enter with 1 to 256 characters.	W
00222	105340	Invalid characters are used in the specified password of authentication server.	Enter with alphanumeric characters and symbols(! # $ % & ' ( ) * + - . = @ \ ^ _ |).	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00222	105341	The Re-enter Password of authentication server is not input.	This is a compulsory input item.	W
00222	105342	The re-entered password of authentication server is too long.	Enter with 1 to 256 characters.	W
00222	105343	Invalid characters are used in the re-entered password of authentication server.	Enter with alphanumeric characters and symbols(! # $ % & ' ( ) * + - . = @ \ ^ _ |).	W
00222	105344	The re-entered password does not match the one entered previously.	Enter the same password.	W
00222	105345	A secondary server cannot be enabled because DNS Lookup of authentication server is enabled.	If you want to enable the secondary server, disable the setting of DNS Lookup.	W
00222	105346	LDAP over SSL/TLS for protocol cannot be selected because DNS Lookup of authentication server is enabled.	If you want to select LDAP over SSL/TLS for protocol, disable the setting of DNS Lookup.	W
00222	105347	The primary host name of authentication server is not input.	This is a compulsory input item.	W
00222	105348	The primary host name of authentication server is too long.	Enter with 1 to 255 characters.	W
00222	105349	Invalid characters are used in the specified primary host name of authentication server.	Enter with alphanumeric characters and symbols(- .).	W
00222	105350	The primary port number of authentication server is not input.	This is a compulsory input item.	W
00222	105351	Other than the numeric characters are input to the specified primary port number of authentication server.	Enter with numeric characters.	W
00222	105352	The value that can be input to the primary port number of authentication server is 1 to 65535.	Set a value within the range.	W
00222	105353	The secondary host name of authentication server is not input.	This is a compulsory input item.	W
00222	105354	The secondary host name of authentication server is too long.	Enter with 1 to 255 characters.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00222	105355	Invalid characters are used in the specified secondary host name of authentication server.	Enter with alphanumeric characters and symbols(- .).	W
00222	105356	The secondary port number of authentication server is not input.	This is a compulsory input item.	W
00222	105357	Other than the numeric characters are input to the secondary port number of authentication server.	Enter with numeric characters.	W
00222	105358	The value that can be input to the secondary port number of the authentication server is 1 to 65535.	Set a value within the range.	W
00222	105359	The secret of authentication server is not input.	This is a compulsory input item.	W
00222	105360	The secret of authentication server is too long.	Enter with 1 to 256 characters.	W
00222	105361	Invalid characters are used in the specified secret of authentication server.	Enter with alphanumeric characters and symbols(! # $ % & ' ( ) * + - . = @ \ ^ _ |).	W
00222	105362	The Re-enter Secret of authentication server is not entered.	This is a compulsory input item.	W
00222	105363	The re-entered secret of authentication server is too long.	Enter with 1 to 256 characters.	W
00222	105364	Invalid characters are used in the Re-enter Secret of authentication server.	Enter with alphanumeric characters and symbols(! # $ % & ' ( ) * + - . = @ \ ^ _ |).	W
00222	105365	The re-entered secret does not match the one entered previously.	Enter the same secret.	W
00222	105366	The NAS address of authentication server is not input.	This is a compulsory input item.	W
00222	105367	The NAS address of authentication server is too long.	Enter with 1 to 128 characters.	W
00222	105368	Invalid characters are used in the specified NAS address of authentication server.	Enter with alphanumeric characters and symbols(! # $ % & ' ( ) * + , - . / ; : < > = ? @ [\ ] ^ _ { } ~ ").	W
00222	105371	The realm name of authentication server is not input.	This is a compulsory input item.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00222	105372	The realm name of authentication server is too long.	Enter with 1 to 255 characters.	W
00222	105373	Invalid characters are used in the specified realm name of authentication server.	Enter with alphanumeric characters and symbols(- .).	W
00222	105374	The clock skew of authentication server is not input.	This is a compulsory input item.	W
00222	105375	Other than the numeric characters are input to the specified clock skew of authentication server.	Enter with numeric characters.	W
00222	105376	The value that can be input to the clock skew of authentication server is 1 to 120.	Set a value within the range.	W
00222	105377	The domain name of external user group mapping is not input.	This is a compulsory input item.	W
00222	105378	The domain name of external user group mapping is too long.	Enter with 1 to 255 characters.	W
00222	105379	Invalid characters are used in the specified domain name of external user group mapping.	Enter with alphanumeric characters and symbols(- .).	W
00222	105380	The base DN of external user group mapping is not input.	This is a compulsory input item.	W
00222	105381	The base DN of external user group mapping is too long.	Enter with 1 to 255 characters.	W
00222	105382	Invalid characters are used in the specified base DN of external user group mapping.	Enter with alphanumeric characters, spaces, and symbols(! # $ % & ' ( ) * + , - . / : ; < = > ? @ [\ ] ^ _ ` { | } ~ ").	W
00222	105383	The user DN of external user group mapping for searching is not input.	This is a compulsory input item.	W
00222	105384	The user DN of external user group mapping for searching is too long.	Enter with 1 to 255 characters.	W
00222	105385	Invalid characters are used in the specified user DN of external user group mapping for searching.	Enter with alphanumeric characters, spaces, and symbols(! # $ % & ' ( ) * + , - . / : ; < = > ? @ [\ ] ^ _ ` { | } ~ ").	W
00222	105386	The password of external user group mapping is not input.	This is a compulsory input item.	W
00222	105387	The password of external user group mapping is too long.	Enter with 1 to 256 characters.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00222	105388	Invalid characters are used in the specified password of external user group mapping.	Enter with alphanumeric characters and symbols(! # $ % & ' ( ) * + - . = @ \ ^ _ |).	W
00222	105389	The Re-enter Password of external user group mapping is not input.	This is a compulsory input item.	W
00222	105390	The re-entered password of external user group mapping is too long.	Enter with 1 to 256 characters.	W
00222	105391	Invalid characters are used in the re-entered password of external user group mapping.	Enter with alphanumeric characters and symbols(! # $ % & ' ( ) * + - . = @ \ ^ _ |).	W
00222	105392	The timeout value of external user group mapping is not input.	This is a compulsory input item.	W
00222	105393	Other than the numeric characters are input to the specified timeout value of external user group mapping.	Enter with numeric characters.	W
00222	105394	The value that can be set for the timeout of external user group mapping is 1 to 120.	Set a value within the range.	W
00222	105395	The retry interval for the external user group mapping is not input.	This is a compulsory input item.	W
00222	105396	Other than the numeric characters are input to the retry interval of external user group mapping.	Enter with numeric characters.	W
00222	105397	The value that can be input to the retry interval of external user group mapping is 1 to 60.	Set a value within the range.	W
00222	105398	The number of retries for the external user group mapping is not input.	This is a compulsory input item.	W
00222	105399	Other than the numeric characters are input to the specified number of retries of authentication server.	Enter with numeric characters.	W
00222	105400	The value that can be input to the number of retries of external user group mapping is 1 to 50.	Set a value within the range.	W
00222	105401	A secondary server cannot be enabled because DNS Lookup of external user group mapping is enabled.	If you want to enable the secondary server, disable the setting of DNS Lookup.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00222	105402	LDAP over SSL/TLS for protocol cannot be selected because DNS Lookup of external user group mapping is enabled.	If you want to select LDAP over SSL/TLS for protocol, disable the setting of DNS Lookup.	W
00222	105403	The primary host name of external user group mapping is not input.	This is a compulsory input item.	W
00222	105404	The primary host name of external user group mapping is too long.	Enter with 1 to 255 characters.	W
00222	105405	Invalid characters are used in the specified primary host name of external user group mapping.	Enter with alphanumeric characters and symbols(- .).	W
00222	105406	The primary port number of external user group mapping is not input.	This is a compulsory input item.	W
00222	105407	Other than the numeric characters are input to the specified primary port number of external user group mapping.	Enter with numeric characters.	W
00222	105408	The value that can be input to the primary port number of external user group mapping is 1 to 65535.	Set a value within the range.	W
00222	105409	The secondary host name of external user group mapping is not input.	This is a compulsory input item.	W
00222	105410	The secondary host name of external user group mapping is too long.	Enter with 1 to 255 characters.	W
00222	105411	Invalid characters are used in the specified secondary host name of external user group mapping.	Enter with alphanumeric characters and symbols(- .).	W
00222	105412	The secondary port number of external user group mapping is not input.	This is a compulsory input item.	W
00222	105413	Other than the numeric characters are input to the specified secondary port number of external user group mapping.	Enter with numeric characters.	W
00222	105414	The value that can be input to primary port number of external user group mapping is 1 to 65535.	Set a value within the range.	W
00222	105415	The user name for connecting test is not input.	This is a compulsory input item.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00222	105416	The user name for connecting test is too long.	Enter with 1 to 128 characters.	W
00222	105417	Invalid characters are used in the specified user name for connecting test.	Enter with alphanumeric characters and symbols(! # $ % & ' * + - . / = ? @ ^ _ `{ | } ~).	W
00222	105418	The password for connecting test is not input.	This is a compulsory input item.	W
00222	105419	The password for connecting test is too long.	Enter with 1 to 128 characters.	W
00222	105420	Invalid characters are used in the specified password for connecting test.	Enter with alphanumeric characters and symbols(! # $ % & ' ( ) * + , - . / : ; < = > ? @ [\ ] ^ _ ` { | } ~).	W
00222	106043	No more users can be registered, because the number of registered users has reached the maximum.	Reduce the number of users, then retry the operation.	E
00222	106044	The same User Name is already registered.	Specify another user name.	W
00222	106045	The specified operation cannot be done, because the authentication type of the selected user is not local.	Change the password on the external authentication server.	E
00222	106046	You cannot disable your account by yourself.	Retry the operation using another user account.	W
00222	106047	Neither disabling nor deleting the user account is permitted.	Check if there is a valid local authentication user who belongs to the Administrator User Group except the specified user, then retry the operation.	E
00222	106048	Only the local authentication setting can be specified for the built-in user.	Check the settings.	W
00222	106049	Failed to change the user information.	Check the following contents. • If the specified user exists. • If there is a valid local authentication user who belongs to the Administrator User Group except the specified user.	W
00222	106050	There is no user who can belong to the specified user group.	Check if there is a user other than the built-in user, who does not belong to the specified user group, then retry the operation.	E
00222	106051	The number of user groups that can be associated with a user has reached the maximum.	Decrease the number of user groups that are associated with the user, then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00222	106052	Failed to change the user account information.	Check the following contents. • If the specified user exists. • If there is no built-in user in the specified users. • If the specified user does not belong to the already specified user group.	W
00222	106053	A built-in user cannot be deleted.	Specify users other than the built-in user, then retry the operation.	W
00222	106054	You cannot delete your own account.	Retry the operation using another user account.	W
00222	106055	Failed to delete the user account.	Check the following contents. • If the specified user exists. • If there is no built-in user in the specified users. • If there is a valid local authentication user who belongs to the Administrator User Group except the specified user, then retry the operation.	W
00222	106056	No more user groups can be registered because the number of registered user groups has reached the maximum.	Reduce the number of user groups, and then retry the operation.	W
00222	106057	A built-in group cannot be deleted.	Specify user groups other than the built-in group, and then retry the operation.	W
00222	106058	A built-in group cannot be specified.	Specify user groups other than the built-in group, and then retry the operation.	W
00222	106059	A user group where the "All Resource Groups Assigned" is set to "Yes" cannot be specified.	Specify the other user groups where the "All Resource Groups Assigned" is set to "No", and then retry the operation.	W
00222	106060	There are no resource groups that can be allocated to the specified user group.	Create resource groups, and then retry the operation.	W
00222	106061	Characters or the number of characters for user group name are invalid.	Enter a correct user group name.	W
00222	106062	The same user group name is already registered.	Specify another user group name.	W
00222	106063	Failed to change the user information.	Verify the following. • If the specified user group is registered.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			• If there is no built-in group in the specified user groups.	
00222	106064	Failed to change the user information.	Verify the following. • If the specified user group is registered. • If there is no built-in group in the specified user groups. • If the specified resource group is registered.	W
00222	106065	Failed to delete the user group.	Verify the following. • If the specified user group is registered. • If there is no built-in group in the specified user groups.	W
00222	106066	The role of Storage Administrator (View Only) cannot be removed.	Specify a role other than the Storage Administrator (View Only), and then retry the operation.	W
00222	106067	"All Resource Groups Assigned" becomes enabled.	Click [OK].	W
00222	106068	You cannot remove the selected users, because "Administrator User Group" will have no enabled users who have the local authentication setting.	Select some users as "Administrator User Group" has at least one enabled user who has the local authentication setting.	W
00222	106069	You cannot remove the selected users, because they will not belong to any groups.	Check the number of the groups which the selected users belong to.	W
00222	106070	The Built-in user cannot be removed.	Select the users whose types are not the Built-in.	W
00222	106071	The selected users could not be removed.	You must not perform operations such as; • Removing an User-created user from a group again if the user has been removed from the group. • Removing an User-created user from a group if the user has been deleted. • Removing a user belonging to two groups from one group if the user has been removed from another group.	W
00222	106072	"All Resource Groups Assigned" becomes disabled. Assign resource groups.	Click [OK].	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00222	106073	There are some user groups to which an unmounted resource group is allocated.	Verify the resource groups that are allocated to user groups.	W
00222	106074	There is no selected resource group.	Verify that there is a specified resource group.	W
00222	106075	It is important to backup your settings. Use the "Download File" window located on the Control Panel of the Storage Navigator, and then backup your setting information.	Click [OK].	W
00222	106076	The password cannot be changed due to one of the following reasons. • The selected user does not exist in local accounts . • The user who logged in is registered in the external authentication server.	• If the specified user is a local user, verify the registered status of the user. • If you use the external authentication server to log in, change the password on the side of the external authentication server.	W
00222	106077	Failed to connect to the authentication server.	Verify the settings of the authentication server.	W
00222	106078	The specified user group cannot be deleted because the user group has a user who will not belong to any groups.	Verify the users belong to the selected user groups.	W
00222	107001	An error occurred while accessing the user information.	Try again. If this problem persists, call the Support Center.	E
00222	107005	The processing cannot continue due to an internal logic contradiction.	Retry the operation. If the same problem occurs again, close the windows, refresh it, and then retry. If the same problem persists despite retrying, please call the Support Center.	E
00222	107010	The process cannot be continued due to internal logic contradiction.	If the problem persists despite retrying, please call the Support Center.	E
00222	107011	The selected user group does not exist.	Check the user group information.	E
00222	107012	The selected user does not exist.	Check the specified user information.	E
00222	107013	Failed to get the user information.	Check the specified user information.	W
00222	107014	Failed to get the user group information.	If the problem persists despite retrying, please call the Support Center.	W
00222	107017	An error occurred while accessing the alert information.	Try again. If this problem persists, call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00222	107024	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00222	109023	A logic contradiction is detected in the setting.	The displayed item shows unknown condition. Click [Setup Server], and then execute the server setting.	i
00222	109024	Any external authentication server is not set up.	To set up an external authentication server, click [OK]. Otherwise, click [Cancel].	i
00222	205421	The user ID or the password is not valid.	Verify the settings, and then retry the operation.	E
00222	205422	The selected user [*xxx*] is registered in the Storage Device List. If the operation continues, communication with the Storage Device List is not available.	To continue the operation, click [Apply] on the next window.	W

Part code 00305

Table 2-16 Error codes (part code 00305)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00305	006001	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00305	006012	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00305	006022	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00305	006023	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00305	007060	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00305	007102	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00305	007103	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00305	007110	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00305	007201	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00305	007202	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00305	007203	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00305	007204	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00305	007205	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00305	007206	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00305	007207	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00305	007208	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00305	007209	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00305	007210	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
00305	056525	Because the settings across the multiple SLPRs are contained, the authority has been shifted to the storage administrator from the storage partition administrator.	If the problem persists despite retrying, please call the Support Center.	E
00305	056526	The resources of other SLPR(s) cannot be accessed.	If the problem persists despite retrying, please call the Support Center.	E
00305	065685	0 cannot be specified in all the fields.	Correct the settings, and then retry the operation.	E
00305	065686	The Management Server does not support IPv6.	Correct the settings, then retry the operation.	E

Part code 00321

Table 2-17 Error codes (part code 00321)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00321	209013	Are you sure you want to send a test SNMP trap based on the applied information?	To continue, click [OK]. Otherwise, click [Cancel].	i
00321	209014	Are you sure you want to remove all the community settings in the selected rows?	To continue, click [OK]. Otherwise, click [Cancel].	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00321	209015	Are you sure you want to remove the trap destinations in the selected rows?	To continue, click [OK]. Otherwise, click [Cancel].	W

Part code 00322

Table 2-18 Error codes (part code 00322)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00322	205025	No more communities can be registered because the number of registered communities has reached the maximum.	Reduce the number of communities, and then retry the operation.	W
00322	205026	The IP address is already used.	Check the settings.	W
00322	205027	The community is already used.	Check the settings.	W
00322	205028	No more trap destinations can be registered because the number of registered trap destinations in the community has reached the maximum.	Reduce the number of IP Addresses, and then retry the operation.	W
00322	205029	The combination of the selected rows is invalid.	Select communities and IP Addresses so that values of all of the selected communities or IP Addresses are the same.	W
00322	205030	The form of the community is wrong.	Check the settings.	W
00322	205031	No more managers can be registered because the number of registered IP addresses has reached the maximum.	Reduce the number of IP Addresses, and then retry the operation.	W
00322	205040	Failed to send a test trap.	Verify the PCB type, and then retry the operation with the correct parameters.	W
00322	209003	A test trap was sent.	Wait for a while, and then verify the result.	i

Part code 00405

Table 2-19 Error codes (part code 00405)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00405	005013	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
00405	005074	The specified program product ID is not valid.	Specify a correct program product ID.	W
00405	006012	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
00405	006023	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
00405	007060	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
00405	007063	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
00405	007111	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
00405	008301	The information of the license cannot be collected.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
00405	078065	The operation cannot be performed because the storage system is in internal process, or the configuration is being changed by a different operation.	Wait for a while, and then retry the operation.	W

Part code 00407

Table 2-20 Error codes (part code 00407)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00407	005013	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
00407	006012	An error occurred during Storage Navigator processing.	Restart the SVP, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
00407	006023	An error occurred during Storage Navigator processing.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			the Hitachi Data Systems Support Center.	
00407	007111	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E

Part code 00421

Table 2-21 Error codes (part code 00421)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00421	209001	Are you sure you want to clear all rows in the [Selected License Keys] table?	To continue, click [OK]. Otherwise, click [Cancel].	W

Part code 00422

Table 2-22 Error codes (part code 00422)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00422	205002	No table rows are selected.	Select one or more table rows.	W
00422	205003	No key code.	Enter the key code.	W
00422	205004	The license key file is not selected.	Select a license key file.	W
00422	205005	The license key file name exceeds 200 characters.	Select a different file with the name within 200 characters.	W
00422	205006	The specified program product is not installed.	Verify the license status.	W
00422	205007	The specified program product cannot be enabled because the status is not Install (Disable).	Verify the license status.	W
00422	205008	The specified program product cannot be disabled because the status is not Term.	Verify the license key type.	W
00422	205009	The specified program product cannot be disabled because the status is not Install.	Verify the license status.	W
00422	205010	The operation cannot be performed because a license setting task is being queued.	Complete the license setting task, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00422	205012	The specified program product cannot be enabled because the status is not Installed (Disabled).	Verify the license status.	W
00422	205013	The specified program product cannot be disabled because the status is not Installed.	Verify the license status.	W
00422	205052	The operation cannot be performed because the storage system is in internal process, or the configuration change is being performed by a different operation.	Wait for a while, and then retry the operation.	W
00422	207001	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
00422	207002	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
00422	207003	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
00422	207004	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
00422	209001	No licenses whose status update is required.	-	i

Part code 00605

Table 2-23 Error codes (part code 00605)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00605	002011	The status of the storage system requires the maintenance (for example, the storage system is blocked, the shared memory is inconsistent, or some other factor).	Check the status of the storage system (if the storage system is blocked, shared memory is inconsistent, or some other factor). If this problem persists, please call the Support Center.	E
00605	002015	An error occurred while communicating with the storage system.	If the same problem persists despite retrying, please call the Support Center.	E
00605	002095	The specified operation cannot be performed due to one of the	Wait for a while, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		following maintenance operations: • LDEV formatting is in progress. • The CHB/DKB status is changing. • The processor status is changing. • The cache status is changing. • LDEV shredding is in progress. • The configuration is changing.		
00605	002201	Processing cannot be performed because of Data Retention Utility settings.	Release the setting of Data Retention Utility, then retry the operation.	W
00605	002205	Journal volumes are included in the external volumes to be maintained.	Delete all the pairs that are using the journal volumes to be maintained.	W
00605	002511	The restore operation has been failed, because the specified LDEV was not shredded or formatted.	Shred or format the specified LDEV. If the specified LDEV is a Dynamic Provisioning volume (DP-VOL), recover the pool first.	W
00605	002515	A pair of TrueCopy or Universal Replicator is defined.	Release the pair definition, and then retry the operation.	W
00605	002516	A pair of TrueCopy or Universal Replicator is defined.	Delete the pair definition or suspend the pair, and then retry the operation.	W
00605	002517	A pair of ShadowImage or Thin Image is defined.	Release the pair definition, and then retry the operation. When quick split is in progress, suspend the pair, and then release it.	W
00605	002518	A pair of ShadowImage is defined.	Release the pair definition, and then retry the operation. When quick split is in progress, suspend the pair, and then release it.	W
00605	002520	A Volume Migration pair is defined.	Release the pair definition, then retry the operation.	W
00605	002521	A Volume Migration pair is defined.	Release the pair definition, then retry the operation.	W
00605	003003	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
00605	005013	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
00605	005099	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00605	005511	Necessary program products are not installed.	Install the following program products: • Universal Volume Manager • Open Volume Management (necessary for mapping and creating an LDEV at the same time)	W
00605	005827	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
00605	005828	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
00605	006012	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
00605	006022	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
00605	006533	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
00605	006534	The number of external volumes that can be registered in the storage system has reached the maximum.	Reduce the number of external volumes registered in the storage system, then retry the configuration operation.	W
00605	006535	The configuration cannot be changed because the LUN Path is remained in the target volume.	Release the LUN Path, then change the configuration again.	W
00605	006537	The setting process has not been executed because there is no error in this setting, but an error in the others settings.	Check the error factor in the others settings.	W
00605	008000	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
00605	008001	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
00605	008102	This function is not supported.	Check whether the DKCMAIN firmware version and the Storage Navigator software version are mismatched.	W
00605	008122	Another maintenance processing is in progress.	Wait for a while, then retry the operation.	W
00605	008136	The command was rejected, because the licensed capacity has exceeded the maximum.	Check the licensed capacity, then specify it within the licensed capacity or add the licensed capacity.	W
00605	008958	An error occurred on the DKC side.	If this problem persists, please call the Support Center.	E
00605	008966	An error occurred on the DKC side.	If this problem persists, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00605	008979	The operation of the external volume has been failed because all the paths to the external volume are blocked.	Restore more than one path to the external volume, then perform the operation of the external volume.	W
00605	056515	The Disconnect External Storage Systems or the Disconnect External Volumes is not executed for the target volume.	Execute the Disconnect External Storage Systems or the Disconnect External Volumes, then retry the operation.	W
00605	056516	A pair of TrueCopy is defined.	Release the pair definition, and then retry the operation.	W
00605	056517	A pair of ShadowImage or Thin Image is defined.	Release the pair definition, and then retry the operation.	W
00605	058258	The operation cannot be performed due to one of the following reasons: • All the paths to the external volume are blocked. • No paths will be available if this operation is performed.	Restore the blocked path status or set the paths so as to remain at least one path available, and then retry the operation.	W
00605	058263	No paths will be available, if you change the setting of paths.	Make the setting of the paths to keep at least one path available, then retry the operation.	W
00605	058330	After executing the Disconnect External Storage Systems or the Disconnect External Volumes, neither the Reconnect External Paths nor the Disconnect External Paths can be executed.	Execute the Reconnect External Storage Systems or the Reconnect External Volumes, then retry the operation.	W
00605	058331	The specified External Path is not registered.	Check the specified External Path.	W
00605	058332	The external volume is blocked.	Ensure that the external volume is not blocked, then retry the operation.	W
00605	058406	A pair of Universal Replicator is defined.	Release the pair definition, and then retry the operation.	W
00605	058407	A volume is defined as a journal volume of Universal Replicator.	Release the journal volume setting for Universal Replicator, and then retry the operation.	W
00605	058409	The cache mode cannot be changed when the Disconnect External Storage Systems or the Disconnect External Volume is in progress.	Execute the Reconnect External Storage Systems or the Reconnect External Volumes, put the external volume in normal status, then retry the operation.	W
00605	058410	The cache mode cannot be changed because the bind mode is set to the specified volume.	Release the bind mode setting, then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00605	058622	The configuration of Pool VOL is defined.	Release the configuration definition of Pool VOL, then retry the operation.	W
00605	058627	A Thin Image pool volume is included in the items.	Delete pools to which the Thin Image pool volumes belong, and then retry the operation.	W
00605	058905	The extended shared memory for Universal Volume Manager is not installed.	The extended shared memory for Universal Volume Manager needs to be installed. Please call the Support Center.	W
00605	065740	The configuration changing processes are conflicting at DKC.	Check if the configuration changing process by the Command Control Interface, the Volume Migration, or the Quick Restore is not in operation, and then retry the operation.	W
00605	065791	The specified External Path Group is not mounted.	Check the specified External Path Group.	W
00605	065792	The specified External Path Group has already been mounted.	Check the specified External Path Group.	W
00605	065793	The specified External Path Group has already been used.	Clear the duplicated setting, then retry the operation.	W
00605	065794	The specified external volume is not mounted.	Check the specified external volume.	W
00605	065795	The specified external volume has already been specified.	Exclude the duplicated setting, then retry the operation.	W
00605	065796	The External Path Group specified as a migration source has already been used as a migration target.	Clear the duplicated setting, then retry the operation.	W
00605	065797	The External Path Group specified as a migration target has already been used as a migration source.	Clear the duplicated setting, then retry the operation.	W
00605	065798	The path configuration of the External Path Group between the migration source and the migration target is different.	Check the specified External Path Group.	W
00605	065799	There are no setting lines of NewPathGroup.	Check the contents of the spreadsheet.	W
00605	065800	The number of NewPathGroup setting lines exceeds the limit.	Check the contents of the spreadsheet.	W
00605	065801	There are no setting lines of the ExG.	Check the setting of ExG.	W
00605	065802	There are no setting lines of TargetPathGroup.	Check the contents of the spreadsheet.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00605	066011	The number of external LUs that can be connected from a single port has exceeded the maximum value.	Delete unnecessary external LU(s), then retry the operation.	W
00605	066012	The number of registered ports of the external storage system has exceeded the maximum.	Operate within the ports of the connected external storage system.	W
00605	066501	The number of LDEVs that can be defined in an external volume has exceeded the maximum value.	Check the number of LDEVs.	W
00605	066502	Specified ExG has already been used.	Check the setting of ExG.	W
00605	066503	The LDKC, CU, and LDEV are not set within the available range.	Verify the settings of the specified LDKC, CU, and LDEV.	W
00605	066504	Specified LDKC:CU:LDEV has already been used.	Check the setting of LDKC, CU, and LDEV.	W
00605	066505	The specified LDEV number has already been assigned to another emulation group within the range grouped by 32 LDEV numbers.	Check the setting of emulation groups within the range grouped by 32LDEV numbers.	W
00605	066506	Specified SSID has already been used.	Check the setting of SSID.	W
00605	066507	The target external volume is blocked or not set within the range of capacity that can be used.	Check the status and the capacity of target external volume.	W
00605	066508	The specified LDEV capacity is invalid.	Check the setting of LDEV capacity.	W
00605	066509	The total LDEV capacity defined in the external volume exceeds the external volume size.	Check the setting of LDEV capacity.	W
00605	066510	The specified emulation type cannot be used.	Check the setting of the specified emulation type.	W
00605	066512	Specified CLPR is not mounted.	Check the setting of CLPR.	W
00605	066517	The target external volume has already been mapped or set for mapping.	Check the configuration and the setting of external volume.	W
00605	066518	The External Path configuration of the target external volume is not corresponding to that of another external volume in the same External Path Group.	Check the setting of path configuration.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00605	066568	Multiple operation tags are defined.	Check the contents of the spreadsheet.	W
00605	066675	The syntax of parameter is invalid.	Check the syntax of parameter.	W
00605	066692	The volume in the local storage system cannot be operated.	Specify the volume in an external storage system.	W
00605	066693	A correct parameter as a data transfer volume is not set.	Check the setting of target external volume.	W
00605	066694	A correct parameter as RemoteCommandDevice is not set.	Check the setting of target external volume.	W
00605	066697	The value entered as PathMode is outside the setting range.	Check the value entered as PathMode.	W
00605	066698	The number of alternate Path definitions that can be set to the external volume has exceeded the maximum.	Check the number of alternate Path definitions.	W
00605	066699	The number of LDEV definitions that can be set to the external volume has exceeded the maximum.	Check the number of LDEV definitions.	W
00605	066702	The value of External Path Group is not set within the available range.	Check the setting of External Path Group.	W
00605	066705	Invalid port number.	Check the setting of the port number.	W
00605	066710	It is not set within the range where LUN can be used.	Check the setting of LUN.	W
00605	066713	The value of ExG is not set within the available range.	Check the setting of ExG.	W
00605	066715	Attribute is invalid.	Check the setting of Attribute.	W
00605	066718	It is not set within the range where CLPR can be used.	Check the setting of CLPR.	W
00605	066720	It is not emulation type that can be specified.	Check the setting of emulation type.	W
00605	066722	CacheMode is invalid.	Check the setting of CacheMode.	W
00605	066724	InflowControl is invalid.	Check the setting of InflowControl.	W
00605	066736	It is not set within the range where LDKC can be used.	Check the setting of LDKC.	W
00605	066739	It is not set within the range where CU can be used.	Check the setting of CU.	W
00605	066742	It is not set within the range where LDEV can be used.	Check the setting of LDEV.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00605	066744	It is not set within the range where LDEV capacity can be used.	Check the setting of LDEV capacity.	W
00605	066747	The value of SSID is not set within the available range.	Check the value of the specified SSID.	W
00605	066748	A value different from SSID that has already been set is specified.	Check the setting of SSID.	W
00605	066749	The number of paths has reached the maximum number.	Check the setting of path.	W
00605	066750	The specified WWN is not registered.	Check the specified WWN.	W
00605	066751	The specified WWN has already been specified.	Excluding the overlapping setting, then retry the operation.	W
00605	066752	The specified external volume is a volume of the storage system that cannot be used as an external storage.	Check the type of the storage system.	W
00605	066798	Specified WWN was not found.	Check the specified WWN.	W
00605	066799	Specified external volume was not found.	Check the specified external volume.	W
00605	068733	The volumes registered in a Dynamic Provisioning Pool are included in the items to be maintained.	Delete the Dynamic Provisioning Pool in which the volume included in the items to be maintained is registered, then retry the operation.	W
00605	068741	Disconnect External Storage Systems or Disconnect External Volumes cannot be performed for one or more external volumes used as pool volumes. The pool to which those pool volumes were added is associated with DP-VOLs in a normal status or with a deduplication system data volume in a normal status.	Block the associated DP-VOLs and the deduplication system data volume, and then retry the operation.	W
00605	068742	Set the same cache mode to all the volumes that compose a Pool VOL.	If there is a volume whose cache mode cannot be changed due to its bind mode setting, release the bind mode setting first.	W
00605	068800	Volume migration or Quick Restore is in progress.	Wait for the migrating volume or the Quick Restore to be completed, then retry the operation.	W
00605	068871	The specified volumes include remote command devices being used with mirrors in the Journal of the Universal Replicator.	Release the allocation of mirrors in the Journal for the remote command device, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00605	068884	Quorum disks are included in the items to be maintained.	Release the quorum disks, and then retry the operation.	W
00605	068901	An external volume was not able to be recovered.	Check the status of the mapping path and resolve the root cause of blockade, then retry the operation.	W
00605	068902	The external volume was able to be restored, but some of mapping paths were not able to be restored normally.	Check the status of the mapping path and resolve the root cause of blockade if needed, then retry the operation.	W
00605	068903	Failed to disconnect from the external volume.	Check the states of the external volume and the mapping path, and do not retry the operation until the states return to normal. If the states cannot be restored to normal, or if the problem persists despite retrying, please call the Support Center.	W
00605	077140	The operation cannot be performed because the device name or the virtual LDEV information differs between volumes of the migration source storage system and the migration target storage system.	Verify the settings.	W
00605	077142	The operation cannot be performed because the global storage virtualization function of the specified LDEV ID is enabled.	Disable the global storage virtualization function, and then retry the operation.	W
00605	077143	The specified LDEV capacity is not valid.	Verify the setting of the LDEV capacity.	W
00605	077145	This function is not available. Nondisruptive migration is required.	Install the necessary program product license key.	W
00605	078031	The specified MP Unit is blocked.	Recover the blocked MP Unit, and then specify it.	W
00605	078032	The specified MP Unit is not mounted.	Check the specified MP Unit.	W
00605	078047	Enough cache management devices cannot be allocated to the target volumes.	Delete unnecessary volumes, and then retry the operation. When there is a Thin Image pair, delete all the pairs related to the unnecessary primary volumes, and then retry the operation. If this problem persists, call the Support Center.	W
00605	078048	An error occurred while accessing the user information.	Try again. If this problem persists, call the Support Center.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00605	078049	The port that is connected to the specified external volume belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the port that is connected to the specified external volume.	W
00605	078050	The port that is connected to the specified external path belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the port that is connected to the specified external path.	W
00605	078051	The port that is connected to the specified external path group belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the port that is connected to the specified external path group.	W
00605	078052	The port that is connected to the specified external WWN belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the port that is connected to the specified external WWN.	W
00605	078053	The specified external volume belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified external volume.	W
00605	078054	The specified external path contains an external volume in a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the external volumes on the specified external path.	W
00605	078055	The specified external path group contains an external volume in a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the external volumes on the specified external path group.	W
00605	078056	The specified external WWN is used for an external volume in a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the external volume that uses the specified external WWN.	W
00605	078057	The specified LDEV belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified LDEV.	W
00605	078058	The specified external volume contains an LDEV that belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the LDEV in the specified external volume.	W
00605	078060	The cache mode cannot be changed because the LDEV of the specified external volume is one of the following: • The LDEV is a Pool VOL of a pool containing external and internal volumes.	Verify the LDEV of the specified external volume.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• The LDEV is a Pool VOL of a pool for which the multi tier pool setting is enabled.		
00605	078064	The operation cannot be performed because the specified volume is used as an external volume that is mapped for the online data migration.	Specify a volume other than the external volume mapped for the online data migration, and then retry the operation.	W
00605	078065	The storage system is in internal process, or a different user is changing the configuration.	Wait for a while, and then retry the operation.	W
00605	078066	The load balance mode cannot be changed because the path mode of the specified external volume is "Single."	Specify a different external volume whose path mode is not "Single," and then retry the operation.	W
00605	078282	The specified operation cannot be performed because the external volume mapped for the online data migration is reserved by the host.	Delete the external volume, and then retry the operation.	W
00605	208001	The operation cannot be performed because the capacity of the specified LDEV is different from that of the selected external volume.	Specify the same capacity as that of the external volume for the LDEV.	W
00605	208002	Data Direct Mapping cannot be enabled because the specified emulation type is not OPEN-V.	Specify a volume whose emulation type is OPEN-V.	W
00605	208003	The specified LDEV ID of the pool volume is outside the setting range.	Verify the LDEV ID of the pool volume, and then retry the operation.	W
00605	208004	The operation cannot be performed because the specified pool volume is not associated with a pool with the Data Direct Mapped attribute.	Specify a volume that is associated with a pool whose attribute is Data Direct Mapped.	W
00605	208005	The operation cannot be performed because the specified pool volume is associated with a different Dynamic Provisioning volume.	Specify a different pool volume, or delete the Dynamic Provisioning volume, and then retry the operation.	W
00605	208007	No volumes with the Data Direct Mapped attribute can be created because the specified capacity of the external volumes does not satisfy the requirements for the pool volume.	Disable the Data Direct Mapped attribute of the volumes, or verify the capacity of the external volumes.	W
00605	208008	No volumes can be created because the Data Direct Mapped	Verify the setting.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		attribute differs between the specified volume and pool.		
00605	208009	Full Allocation and Data Direct Mapping cannot be enabled at the same time.	Verify the setting.	W
00605	208011	The operation cannot be performed because the PCIe channel board is in the blocking process.	Wait until the blocking process is complete, verify the PCIe channel board status, restore it, and then retry the operation.	W
00605	208012	The operation cannot be performed because the PCIe channel board is blocked.	Verify the PCIe channel board status, restore it, and then retry the operation.	W

Part code 00621

Table 2-24 Error codes (part code 00621)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00621	109214	If you enable the use of internal volume, the local storage system and internal volumes are displayed as external storage. Are you sure you want to change the setting?	Disable the setting in general. If you want to enable this setting, call the Support Center.	W

Part code 00622

Table 2-25 Error codes (part code 00622)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00622	105009	All the check boxes are cleared.	Check the check boxes for the items that you want to change, then retry the operation.	W
00622	105040	[Detail] is clicked without selecting any row.	Select one or more table rows.	W
00622	105042	[Delete] is clicked without selecting any row.	Select one or more table rows.	W
00622	105084	The setting cannot be changed, because an invalid value has been input.	Check the settings.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00622	105204	A necessary program product is not installed, or insufficient permissions to execute editorial operation.	Install a necessary program product. Otherwise, execute the operation with the user ID who has a permission to execute editorial operation, or permit the user to enable the operation.	W
00622	105234	A radio button is not selected.	Check the settings.	W
00622	105235	The operation cannot be done because no row is selected.	Select one or more table rows.	W
00622	105236	The operation cannot be executed because no target item is selected.	Set a target to be operate on the selected table, then execute the operation.	W
00622	105237	External path group creation has not finished yet.	Create an external path group.	W
00622	105238	The parity group ID cannot be assigned due to either of the following reasons: • The total number of external volumes and virtual volumes has reached the maximum. • There are no available parity group IDs that are subsequent to the specified initial parity group ID.	Verify the settings.	W
00622	105239	The number of alternate paths that can be set to an external volume exceeds the maximum.	Check the number of selected alternate paths.	W
00622	105240	Failed to allocate an External Path Group ID.	Check the number of registered external path groups.	W
00622	105241	An external volume that can be added was not found by the result of Volume Discovery.	See the manual of the external device and check the setting of the external volume.	W
00622	105242	An external volume is selected, where Volume Discovery executed ends with an error.	Resolve the cause of the error, or only select an available external volume.	W
00622	105244	The specified external volume cannot be set because the path configuration is different.	Check the contents of the path configuration.	W
00622	105245	The LDEV ID cannot be assigned.	Verify and find an LDEV ID that can be assigned on the View LDEV IDs window.	W
00622	105251	The external volume is not supported.	Resolve the cause of the error, or only select an available external volume.	W
00622	105255	Only one LDEV can be set because the attribute of the specified external volume is Remote Command Device.	Check the settings.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00622	105256	Only one LDEV can be set because the specified external volume is in the data transfer mode.	Check the settings.	W
00622	105257	LDEV Name cannot be set because the value is out of range.	Check the settings.	W
00622	105258	The path cannot be changed because there will be no normal path for the external volume.	Select one or more normal path, or restore the path.	W
00622	105262	LDEV Name can not be registered because there is a volume that failed to be created as an external volume.	Edit LDEVs, or recreate external volumes if you want to register the LDEV Name.	W
00622	105265	Insufficient logical volumes to map the external volumes.	Reduce the number of external volumes to be mapped, then retry the operation. Or, check the initial-number of LDEV ID or the interval setting.	W
00622	105266	Insufficient logical volumes to map the external volumes.	Reduce the number of external volumes to be mapped, then retry the operation.	W
00622	105267	The port that is connected to the specified external path belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the port that is connected to the specified external path.	W
00622	105268	The port that is connected to the specified external path group belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the port that is connected to the specified external path group.	W
00622	105269	The specified external volume belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified external volume.	W
00622	105270	The specified external volume contains an LDEV that belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the LDEV in the specified external volume.	W
00622	105271	The port that is connected to the specified external WWN belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the port that is connected to the specified external WWN.	W
00622	105272	The specified external WWN is used for an external volume in a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the external volume that uses the specified external WWN.	W
00622	105273	The port that is connected to the specified external WWN belongs	Log out, and then log back in with access to the resource group containing	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		to a resource group that you do not have permission to access.	the port that is connected to the specified external WWN.	
00622	105274	The specified external WWN is used for an external volume in a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the external volume that uses the specified external WWN.	W
00622	105275	The specified external path contains an external volume in a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the external volumes on the specified external path.	W
00622	105276	The port that is connected to the specified external path belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the port that is connected to the specified external path.	W
00622	105277	The specified external path contains an external volume in a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the external volumes on the specified external path.	W
00622	105278	The port that is connected to the specified external volume belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the port that is connected to the specified external volume.	W
00622	105461	No valid value is set to the item whose check box is checked.	Set a valid value, and then retry the operation.	W
00622	106057	The cache mode cannot be enabled because a command device is set to an external volume.	Release the command device, or select another volume.	W
00622	106086	The processing cannot continue because the configuration having been set doesn't consist with the current configuration information.	If the same problem occurs again, close the windows, and retry the operation after the internal processing or the configuration change has been completed.	E
00622	106525	The specified external storage system does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
00622	106526	The specified mapping path does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
00622	106527	The specified external path group does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
00622	106528	The specified WWN does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00622	106529	The specified external volume does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
00622	106530	The specified parity group does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
00622	106531	The specified LUN does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
00622	106532	The specified LDEV does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
00622	107001	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
00622	107002	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
00622	107003	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
00622	107004	The processing cannot continue due to an internal logic contradiction.	Retry the operation. If the same problem occurs again, close the windows, refresh it, then retry again. If the same problem persists despite retrying, please call the Support Center.	E
00622	107005	The processing cannot continue due to an internal logic contradiction.	Retry the operation. If the same problem occurs again, close the windows, refresh it, then retry again. If the same problem persists despite retrying, please call the Support Center.	E
00622	107018	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
00622	109016	The filter was set to the table because an external volume that could not be used was found as a result of Volume Discovery.	If you want to display the external volumes that cannot be used, unset the filter.	i
00622	109020	External volume discovering succeeded.	-	i
00622	205070	Necessary program products are not installed.	Install the following program products: • Universal Volume Manager • Open Volume Management (necessary for mapping and creating an LDEV at the same time)	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00622	205149	Different types of external paths are selected.	Select external paths of the same type.	W
00622	205150	An external path connected to the iSCSI port is selected.	Select an external path connected to the fibre port.	W
00622	205151	An external path connected to the fibre port is selected.	Select an external path connected to the iSCSI port.	W
00622	205153	The port that is connected to the specified external storage system port belongs to a resource group that you do not have permission to access.	Ask the administrator for permission to access the resource group.	W
00622	205154	The specified external storage system port is used for an external volume in a resource group that you do not have permission to access.	Ask the administrator for permission to access the resource group.	W
00622	205184	LDEV names cannot be allocated to all specified LDEVs because the number of characters for LDEV names that are automatically generated from the characters entered in Prefix and Initial Number exceeds the maximum that can be used for an LDEV name.	Verify the setting.	W
00622	205201	Data Direct Mapping cannot be enabled because the capacity of the external volumes does not satisfy the requirements for the pool volume.	Verify the capacity of the external volumes.	W
00622	209013	The selected external volumes contain pool volumes. If different volume types or cache modes are used in the same pool, the entire performance might be affected by the LDEVs with the lowest performance. In a Thin Image pool, different cache modes cannot be used or cache modes cannot be disabled if internal and external volumes coexist. Do you want to continue this operation?	To continue, click [OK].	i

Part code 00721

Table 2-26 Error codes (part code 00721)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00721	205008	A radio button for Transfer Protocol is not selected.	Check the settings.	W
00721	209016	Are you sure you want to download the Audit Log?	To continue, click [OK]. Otherwise, click [Cancel].	i
00721	209017	Are you sure you want to send a test message based on the entered information in the window?	To continue, click [OK]. Otherwise, click [Cancel].	i

Part code 00722

Table 2-27 Error codes (part code 00722)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00722	205042	The Primary Server and the Secondary Server have the same settings.	Set a different IP Address or Port Number.	W
00722	205043	The value you entered for the Port Number is not within the allowable range (1 to 65535).	Check the settings.	W
00722	205044	The value you entered for the Timout is not within the allowable range (1 to 120).	Check the settings.	W
00722	205045	The value you entered for the Retry Interval is not within the allowable range (1 to 60).	Check the settings.	W
00722	205046	The value you entered for the Number of Retries is not within the allowable range (1 to 50).	Check the settings.	W
00722	205047	The form of the Password is wrong.	Check the settings.	W
00722	205056	The client certificate for syslog transfer of the (*xxx*) is not uploaded.	Upload the client certificate.	W
00722	205057	The root certificate for syslog transfer of the (*xxx*) is not uploaded.	Upload the root certificate.	W
00722	209004	Audit Log downloading has started.	-	i

Part code 00726

Table 2-28 Error codes (part code 00726)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00726	205000	The transmission to the *xxx* succeeded.	Verify that the server received a test message.	i
00726	205001	The client certificate for syslog transfer of the correct *xxx* is not uploaded, or the password of the client certificate is invalid.	Verify that the client certificate and the password are correct. Upload the client certificate again, and then set it.	E
00726	205002	The root certificate for syslog transfer of the correct *xxx* is not uploaded.	Verify that the root certificate is correct. Upload the root certificate again, and then set it.	E
00726	205003	Failed to connect to the *xxx*.	Verify the following. • If the IP address is correct. • If the port number is correct. • If the LAN is connected. • If the time-out period is enough.	E
00726	205004	Failed to connect to the *xxx* by TLS.	Verify that the client certificate, root certificate and server certificate are correct.	E
00726	205005	Failed to authenticate *xxx*.	Verify that the IP address of the server certificate is correct.	E
00726	205006	Failed to send a test message to *xxx*.	Verify the following. • If the client certificate is correct. • If the root certificate of the server side is correct. • If the LAN is connected.	E
00726	205007	The client certificate or root certificate of the correct *xxx* is not uploaded, or a password of the Client Certificate is invalid.	Verify the following. Upload it again, and then send a test message. • If the client certificate is correct. • If the password of the client certificate is correct. • If the root certificate is correct.	E
00726	205008	The IP address of the *xxx* is invalid.	Verify the IP address.	E
00726	207001	The client certificate upload for syslog transfer failed.	Click [Refresh], and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
00726	207002	The root certificate upload for syslog transfer failed.	Click [Refresh], and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00726	207003	The setting of a certificate for syslog transfer failed.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
00726	207004	An error occurred during the syslog test transmission processing to a *xxx*.	Retry the operation. If the problem occurs again, close the window, click [Refresh], and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
00726	207005	The acquisition of the client certificate for syslog transfer of the *xxx* failed.	Retry the operation. If the problem occurs again, close the window, click [Refresh], and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
00726	207006	The acquisition of the root certificate for syslog transfer of the *xxx* failed.	Retry the operation. If the problem occurs again, close the window, click [Refresh], and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E

Part code 00810

Table 2-29 Error codes (part code 00810)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
00810	065645	Enter up to 2,048 alphanumeric characters.	Enter up to 2,048 alphanumeric characters.	W
00810	065646	Enter alphanumeric characters only.	Enter alphanumeric characters only.	W

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Message (part code group 01nnn)

This chapter includes the error messages with the part code 01005 to 01310.

- Part code 01005
- Part code 01021
- Part code 01022
- Part code 01205
- Part code 01221
- Part code 01222
- Part code 01310

Part code 01005

Table 3-1 Error codes (part code 01005)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01005	001002	The specified volume cannot be set as a command device because it is used as a volume of TrueCopy, Universal Replicator, ShadowImage, Volume Migration, Thin Image, or global-active device.	Specify a different volume.	W
01005	001003	You are trying to set multiple paths to the same volume from one group.	The configuration information has already been changed. Check the settings, and request the configuration information setting again.	W
01005	001004	Multiple volumes are specified to a single port, group or LUN combination.	The configuration information has already been changed. Check the settings, and request the configuration information setting again.	W
01005	001005	The following volumes cannot be specified to change the path configuration: • A volume that does not exist. • A volume that is used by Volume Migration.	Specify a different volume, and then retry the operation.	W
01005	001007	The one and only normal path for the volume used by TrueCopy, Universal Replicator, ShadowImage, Volume Migration, Thin Image, or global-active device cannot be removed.	Verify the setting.	W
01005	001009	An operation is specified for a volume that does not exist.	The configuration information has already been changed. Check the settings, and request the configuration information setting again.	W
01005	001010	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
01005	001018	The specified port does not exist.	The configuration information has already been changed. Check the settings, and request the configuration information setting again.	W
01005	001020	Invalid LUN.	The configuration information has already been changed. Check the settings, and request the configuration information setting again.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01005	001021	The specified volume does not exist.	The configuration information has already been changed. Check the settings, and request the configuration information setting again.	W
01005	001022	Invalid host mode.	The configuration information has already been changed. Check the settings, and request the configuration information setting again.	W
01005	001023	Invalid Fibre address.	The configuration information has already been changed. Check the settings, and request the configuration information setting again.	W
01005	001024	Invalid Fibre topology information.	The configuration information has already been changed. Check the settings, and request the configuration information setting again.	W
01005	001025	The specified LU path does not exist.	The configuration information has already been changed. Check the settings, and request the configuration information setting again.	W
01005	001059	LUN security setting has been made to a non-Fibre port. LUN security is a function of LUN Manager.	Check the specified content, and retry.	W
01005	001061	Security Switch Off operation and path adding operation cannot be performed simultaneously.	First, add paths, then click Apply. Next, turn off the security switch, then click Apply.	W
01005	001063	The specified WWN is already in use.	Correct the specified contents, and request the setting of the configuration information again.	W
01005	001064	You are trying to register the same WWN that is already registered.	The configuration information has already been changed. Check the settings, and request the configuration information setting again.	W
01005	001065	The specified host name or the host group name is already registered. (The host name and the host group name cannot be the same.)	Correct the specified contents, and request the setting of the configuration information again.	W
01005	001066	The unregistered WWN number is specified. (When deleting or changing)	The configuration information has already been changed. Check the settings, and request the configuration information setting again.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01005	001067	You are trying to register the same host group number as the already registered one.	The configuration information has already been changed. Check the settings, and request the configuration information setting again.	W
01005	001068	The specified host group or iSCSI target is not registered.	The configuration information has already been changed. Check the settings, and request the configuration information setting again.	W
01005	001108	The following volume cannot be specified to change the command device configuration: • A volume that is used by Volume Migration.	Specify a different volume, and then retry the operation.	W
01005	001110	Invalid characters are specified in the nickname to be used in HOST GROUP and WWN.	Check the settings, and then retry the operation.	W
01005	001111	When requesting a configuration change of LUN-Security, a nickname is not specified. Specify the nickname of HOST GROUP.	Check the settings, and then retry the operation.	W
01005	001116	When registering WWN, the value is not specified. Or, zero is set as the value of WWN. Be sure to set the WWN value before requesting the configuration change.	Check the settings, and then retry the operation.	W
01005	001123	Command device security cannot be set to the specified volume because the volume is not a command device.	The configuration information has already been changed. Check the settings, and request the configuration information setting again.	W
01005	001125	There are no host groups where the WWN will be registered.	The configuration information has already been changed. Check the settings, and request the configuration information setting again.	W
01005	001128	The specified channel speed cannot be set for the target channel board.	Check the settings, and then retry the operation.	W
01005	001130	You cannot specify the default nickname when setting the nickname of a host group or a host.	Correct the specified contents, and request again.	W
01005	001131	Failed to set the host group because the number of host groups exceeds the maximum that can be set in a port.	No more host groups can be set, because the number of host groups has reached the maximum (254) that can be set in a port. Reduce the number of host groups, then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01005	001132	Failed to set the WWN because the number of WWNs exceeds the maximum that can be set in a port.	The configuration information has already been changed. Check the settings, and request the configuration information setting again.	W
01005	001133	Failed to set the host mode because the number of host modes exceeds the maximum that can be set in a port.	The configuration information has already been changed. Check the settings, and request the configuration information setting again.	W
01005	001134	Failed to set the path because the number of paths exceeds the maximum that can be set in a port.	The configuration information has already been changed. Check the settings, and request the configuration information setting again.	W
01005	001135	When setting the port information (Fibre Address/Fibre Topology/Channel Speed), multiple change instructions are set to the same port.	Check the settings, and then retry the operation.	W
01005	001138	You specified same setting using LUNM operation.	The specified port does not exist. You have specified a wrong port number. Or the specified port type cannot be processed in this agent. The error does not occur normally because it cannot be modified in the window. In the unlikely event that this error occurs, please call the Support Center.	W
01005	001140	Because the Port Group setting is done, it is impossible to change.	Release the Port Group setting.	W
01005	001170	The volume cannot be configured as a command device because the volume does not have Read/Write attribute.	Correct settings, then retry.	W
01005	001174	The specified host ID is already registered.	Correct the settings, then retry.	W
01005	001177	The specified host is already registered.	Correct the settings, then retry.	W
01005	001178	An incorrect host name was specified.	Correct the settings, then retry.	W
01005	001180	An error occurred during Storage Navigator processing.	If this problem persists please call the Support Center.	E
01005	001181	The specified path cannot be added, because the volume is used by a Remote Copy pair.	Correct the specification, then retry the operation.	E
01005	001194	The settings of the selected port cannot be changed because the	Delete external volumes that are mapped to the selected port, or disconnect the external storage system.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		port is connected to an external storage system.		
01005	001199	The path cannot be set to the specified volume because the volume is not an open-systems volume.	Check the setting.	W
01005	001350	A LUN path cannot be added because the selected port is connected to a remote storage system or an external storage system.	Disconnect the remote storage system or the external storage system, and then retry the operation.	W
01005	001352	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 Remote Copy, you must delete the logical path, then retry the port setting.	W
01005	001353	The settings of the selected port cannot be changed because the port is connected to a remote storage system.	Remove LUN paths of a secondary volume, which are set to the selected port, and then retry the operation.	W
01005	001354	A WWN cannot be added because the selected port is connected to a remote storage system or an external storage system.	Disconnect the remote storage system or the external storage system, and then retry the operation.	W
01005	001355	The host mode of the host group that is connected to a port of a remote storage system or an external storage system cannot be changed.	Disconnect the remote storage system or the external storage system, and then retry the operation.	W
01005	001356	A host group cannot be added because the selected port is connected to a remote storage system or an external storage system.	Disconnect the remote storage system or the external storage system, and then retry the operation.	W
01005	001357	The settings of the selected port cannot be changed because the port is connected to a remote storage system.	Disconnect the remote storage system, and then retry the operation.	W
01005	001361	The number of User LU settings exceeds the maximum.	Reduce the number of user LU settings, then retry the operation.	W
01005	001363	You cannot add paths to journal volumes.	See the manual to verify the condition for this operation.	W
01005	001364	The port type is incorrect.	Check the port type, then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01005	001367	The host mode "4C" is used for a host group connecting to volumes that cannot be used for Universal Volume Manager.	Check the settings, then retry.	W
01005	001368	The host mode "4C" can only be used with Universal Volume Manager volumes.	Check the settings, then retry.	W
01005	001369	The host mode options cannot be set because the selected port is connected to a remote storage system.	Disconnect the remote storage system, and then retry the operation.	W
01005	001600	This functionality is not available. LUN Manager is required.	Install the necessary P.P. license key.	W
01005	001601	This functionality is not available. Open Volume Management is required.	Install the necessary P.P. license key.	W
01005	001904	The specified volume cannot be assigned as a command device, and the path of the volume cannot be set because it is being used as a Pool volume.	Select a different volume.	W
01005	001906	The specified volume cannot be set as a command device because the volume is being used as a V-VOL for Thin Image.	Select another volume.	W
01005	001912	The specified volume is a remote command device, and therefore the command device setting or the command device security setting cannot be set or released.	See the manual to verify the condition for this operation.	W
01005	001918	The settings of the selected port cannot be changed because an external volume is mapped to the port.	Delete the external volume mapped to the port, and then retry the operation.	W
01005	001928	Addition or deletion of paths for LUN0 cannot be done because Host Mode Option 60 is set to ON. Also, setting change of Host Mode Option 60 and path change (addition or deletion) for LUN0 cannot be done at the same time. Execute the changing operations separately.	Set Host Mode Option 60 to OFF, and then execute addition or deletion of paths for LUN0.	W
01005	001929	Releasing the Host Mode Option 61 is disabled.	Call the Support Center.	W
01005	001930	The operation cannot be performed because the specified	Specify a volume other than the external volume mapped for the online	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		volume is used as an external volume that is mapped for the online data migration.	data migration, and then retry the operation.	
01005	001932	The path definition between the resources included in different Virtual Storage Machines cannot be performed.	Perform the path definition by specifying resources on the same Virtual Storage Machine.	W
01005	001933	Releasing the Host Mode Option 72 is disabled.	See the manual to verify the condition for this operation.	W
01005	002005	An error occurred during Storage Navigator processing.	Retry the operation later.	E
01005	002009	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
01005	002010	The LDEV is being used by the host, or an error occurred during Storage Navigator processing.	The recovery processing might take about 1 minute. Wait for a little while.	W
01005	002013	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
01005	002015	An error occurred while connecting to the storage system.	A communication error occurs. If the same error occurs despite retrying, please call the Support Center.	E
01005	002032	An error occurred while connecting to the storage system.	A communication error occurs. If the same error occurs despite retrying, please call the Support Center.	E
01005	002082	Processing is disabled because the host is mounted or the device is reserved.	Unmount the host and cancel reservation of the device. If the host is an AIX host, unmount the host, and execute the varyoffvg command.	W
01005	002083	The storage system status is invalid.	Check the DKC status and the current status of the configuration setting. If necessary, re-execute the setting operation.	E
01005	002084	The storage system status is invalid.	Check the DKC status and the current status of the configuration setting. If necessary, re-execute the setting operation.	E
01005	002097	The host specified by the WWN is performing I/O operations.	Check the settings, then retry the operation.	W
01005	002098	The operation cannot be performed, because the DKCMAIN firmware version does not match the Storage Navigator software version.	When the same problem persists, please call the Support Center.	E
01005	002099	The operation cannot be performed, because an inoperative MP exists.	Wait a while, then retry the operation. If the same problem persists. Please call the Support Center.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01005	002100	An error occurred while connecting to the storage system. The configuration may be inconsistent.	Click [Refresh All] on the [File] menu, then refresh the configuration.	W
01005	002501	The volume cannot be configured as a command device because the volume does not have Read/Write attribute.	Correct the settings, then retry.	W
01005	003002	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
01005	003003	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
01005	003006	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
01005	003007	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
01005	005010	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
01005	005013	An error occurred during Storage Navigator processing.	Retry the operation. If this problem persists, please call the Support Center.	E
01005	005099	An error occurred during Storage Navigator processing.	If the same problem persists despite retrying, please call the Support Center.	E
01005	006000	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
01005	006012	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
01005	006023	A file access error has occurred.	If this problem persists, please call the Support Center.	E
01005	006036	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
01005	006040	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
01005	006050	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
01005	006502	Processing in progress. Please wait for a while, and then retry the operation.	Wait for a while, and then retry the operation.	W
01005	007060	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
01005	007111	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
01005	007310	An unregistered error occurred.	If this problem persists, contact the Hitachi Data Systems Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01005	008000	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
01005	008001	An error occurred while connecting to the storage system.	Retry the same operation several times. If the same error occurs, please call the Support Center.	E
01005	008002	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
01005	008100	An error occurred while connecting to the storage system.	If this problem persists, please call the Support Center.	E
01005	008102	This function is not supported.	Retry the same operation several times. If the same error occurs, please call the Support Center.	E
01005	055206	The configuration information being set does not match the current configuration information.	Check the settings, and then retry the operation.	E
01005	055500	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
01005	055553	The specified port is not a fibre port.	Check the setting.	W
01005	055554	The specified WWN is not registered.	Check the setting.	W
01005	055555	The value of the WWN is not specified or is set to zero.	Check the setting.	W
01005	055561	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
01005	055566	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
01005	055569	The specified Group-ID is already registered.	Check the setting.	W
01005	055571	The target cannot be set because the number of targets exceeds the maximum that can be set in a port.	Check the setting.	W
01005	055574	The settings of the selected port cannot be changed because the port is connected to a remote storage system or an external storage system.	Disconnect the remote storage system or the external storage system, and then retry the operation.	W
01005	056301	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
01005	056302	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01005	056303	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
01005	057101	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
01005	057102	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
01005	058572	An error occurred while connecting to the storage system.	If this problem persists, please call the Support Center.	E
01005	058573	This function is not supported.	Verify the DKCMAIN firmware version and the Storage Navigator software version.	E
01005	058574	An error occurred while connecting to the storage system.	If this problem persists, please call the Support Center.	E
01005	058575	An error occurred while connecting to the storage system.	If this problem persists, please call the Support Center.	E
01005	058576	A communication time-out error occurred in the storage system.	If this problem persists, please call the Support Center.	E
01005	058593	The storage system has accepted the request normally, however the processing requires some time.	If this problem persists, close the windows, verify that the internal processing or the configuration change has been complete, and then retry the operation. If the internal processing or the configuration change takes much time to complete, contact the Hitachi Data Systems Support Center.	W
01005	065660	The Dynamic Provisioning volume is not associated with a pool.	Associate the Dynamic Provisioning volume with a pool, then retry the operation.	W
01005	075009	The selected WWN was registered in a host group.	Check the settings, then retry the operation.	W
01005	075044	An error occurred on the DKC side.	If this problem persists, please call the Support Center.	E
01005	075045	The setting process has not been executed because there is no error in this setting, but an error in the other settings.	Check the error factor in the other settings.	W
01005	076510	The specified port belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified port.	W
01005	076511	The specified host group belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified host group.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01005	076512	The specified LDEV belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified LDEV.	W
01005	203000	An unknown error was detected.	If nothing changes despite retrying, call the Support Center.	E
01005	205000	Paths cannot be added because the specified host group and LDEV belong to different Virtual Storage Machines.	Specify a host group and an LDEV, both of which belong to the same Virtual Storage Machine.	W
01005	205001	The path definition on the external volume that has the nondisruptive migration attribute cannot be performed because the ID of the specified host group is 0 and the security switch of the specified port is off.	Specify a host group whose ID is 1 or larger, or turn the security switch on, and then retry the operation.	W
01005	205002	The specified port does not exist. Or the specified port type is not the Fibre or iSCSI port.	The configuration information has already been changed. Verify the settings, and then request the configuration information setting again.	W
01005	205003	The Fibre port settings cannot be applied to the iSCSI port.	Verify the settings, and then retry the operation.	W
01005	205004	Host Mode Option 51 cannot be set because the number of ports on which Host Mode Option 51 is set has reached the maximum.	Verify the ports on which Host Mode Option 51 is set, and then retry the operation.	W
01005	205005	Host Mode Option 51 can be set for only one host group on a port.	Verify the ports on which Host Mode Option 51 is set, and then retry the operation.	W
01005	205006	Characters or the number of characters for the iSCSI target name, iSCSI target alias, iSCSI name, or the nickname of the iSCSI name is not valid.	Enter the item using the valid characters or number of characters.	W
01005	205007	An invalid user authentication is specified.	Verify the settings, and then retry the operation.	W
01005	205008	The specified iSCSI target is not registered.	Verify the settings, and then retry the operation.	W
01005	205009	The composition information operation failed.	Verify the configuration information.	E
01005	205010	LU path information cannot be acquired.	Wait for a while, and then retry the operation.	W
01005	205011	The mistake is found in the set parameter.	Call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01005	205012	The specified iSCSI name is not registered.	Check the setting.	E
01005	205013	No more iSCSI names can be added to the port because the number of iSCSI names has reached the maximum.	Remove unnecessary iSCSI names, and then retry the operation.	W
01005	205014	The characters used for the user ID or the number of the characters of the user ID is invalid. Check the setting, and then retry the operation.	Correct the specified contents, and request again.	E
01005	205015	The secret is incorrect.	Correct the specified contents, and request again.	W
01005	205016	The specified user name is already used on the same port.	Specify a different user name.	W
01005	205017	The specified user name is not registered.	Verify the settings, and then retry the operation.	W
01005	205018	The CHAP user cannot be set because the user authentication of the iSCSI target is disabled.	Enable the user authentication.	W
01005	205019	No more CHAP user IDs can be added to the port because the number of CHAP user IDs has reached the maximum.	Remove unnecessary CHAP user IDs, and then retry the operation.	W
01005	205020	This port is not properly equipped.	Check the setting.	W
01005	205021	The target cannot be set because the number of targets exceeds the maximum that can be set in a port.	Check the setting.	W
01005	205022	The specified iSCSI target name or target alias is already used on the same port.	Specify a different iSCSI target name or target alias.	W
01005	205023	The specified iSCSI target name or target alias cannot be registered because it is reserved for iSCSI target #00.	Specify a different iSCSI target name or target alias.	W
01005	205024	An error occurred while connecting to the storage system.	If nothing changes despite retrying, call the Support Center.	E
01005	205025	The specified port is not an iSCSI port.	Check the setting.	E
01005	205026	The operation cannot be performed because Command Control Interface is in process.	Wait for a while, and then retry the operation. If this problem persists, call the Support Center.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01005	205027	The specified Host Name cannot be registered, because it is already used in this port.	Check the setting.	W
01005	205028	The operation cannot be performed because a resource group is not locked.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
01005	205029	The specified LDEV numbers are not valid.	Specify different LDEV numbers.	W
01005	205030	The status of the global-active device pair that uses the specified LDEV is not PSUS.	Change the status of the global-active device pairs to PSUS, and then retry the operation.	W
01005	205031	The resource group to which the selected host groups or LDEVs belong is locked by a different user.	Wait until the resource groups is unlocked by the different user, and then retry the operation.	W
01005	205032	The specified LDEVs do not exist.	Click the refresh button to have the latest information displayed on the window, and then verify whether the specified LDEVs exist.	W
01005	205033	The operation cannot be performed because the number of host groups with LUN paths to LDEVs on which ALUA is enabled exceeds the maximum on the storage system.	Disable the ALUA mode of LDEVs that do not need the setting.	W
01005	205034	The user authentication cannot be performed.	Verify the setting, and then log in again.	W
01005	205035	An error occurred on the storage system.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
01005	205036	No LUN paths are set to the selected host groups.	Set LUN paths to the selected host groups, and then retry the operation.	W
01005	205037	The specified host group IDs are not valid.	Specify different host group IDs.	W
01005	205038	The specified host groups do not exist.	Click the refresh button to have the latest information displayed on the window, and then verify whether the specified host groups exist.	W
01005	205039	The operation cannot be performed because the specified Asymmetric Access States is not supported.	Verify the setting, and then retry the operation.	W
01005	205040	The operation cannot be performed because the storage system is in internal process, or the configuration is being	Wait for a while, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		changed by a different operation.		
01005	205041	The specified host groups or LDEVs cannot be used because you do not have permission to access a resource group to which the specified host groups or LDEVs belong.	Retry the operation with permission to access the resource group containing the specified host groups or LDEVs, or ask the administrator for access permission.	W
01005	205042	The operation cannot be performed because any blocked MP exists.	Restore the blocked MP, and then retry the operation.	W
01005	205043	The operation cannot be performed because different microcode versions coexist on the storage system.	Contact the Hitachi Data Systems Support Center to change the microcode, and then retry the operation.	W
01005	205044	The operation cannot be performed because the storage system is in internal process, or the configuration is being changed by a different operation.	Wait for a while, and then retry the operation.	W
01005	205045	The operation cannot be performed because the specified volume is an external volume with Data Direct Mapping enabled.	Specify a volume on which Data Direct Mapping is disabled.	E
01005	205046	The current DKCMAIN microcode version does not support the specified operation.	Verify the microcode versions of the DKCMAIN and the SVP.	W
01005	205047	No LUN paths can be created because the specified LDEVs belong to a parity group with accelerated compression enabled.	Specify LDEVs that belong to a parity group with accelerated compression disabled.	E
01005	205050	LUN paths using LDEVs with T10 PI enabled cannot be added because T10 PI is disabled on the specified ports.	Enable T10 PI on the specified ports, or disable T10 PI on the LDEVs.	W
01005	205051	The specified LDEVs cannot be operated because T10 PI is enabled.	Specify LDEVs on which T10 PI is disabled.	W
01005	205052	No SFP module that supports the specified channel speed is installed.	Perform either of the following: • Replace the installed SFP module with one that supports the specified channel speed. • Verify which channel speeds are supported by the installed SFP module, and then specify one of those channel speeds.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01005	205100	The operation cannot be performed because the selected ports are virtual ones.	Verify the specified ports.	W
01005	205101	The operation cannot be performed because the selected LDEVs belong to "NAS_Platform_System_RSG" with resource group ID 1023 or LUN paths are set to the NAS platform (User LU).	Move the selected LDEVs to a different resource group from "NAS_Platform_System_RSG" with resource group ID 1023 or delete the LUN paths to the NAS platform (User LU) from the selected LDEVs.	W
01005	205102	A LUN path to the LDEV that is set as a command device cannot be set to the specified port.	Disable the command device setting on the specified LDEV, or specify a different LDEV.	W
01005	208001	The specified ports do not support T10 PI Mode.	Specify ports that support T10 PI Mode.	W
01005	208002	The operation cannot be performed because the storage system is in internal process, or a different user is changing the configuration.	Wait for a while, and then retry the operation.	W
01005	208003	The specified port is blocked.	Restore the blocked status of the port, and then retry the operation. If the blocked status cannot be restored, contact the Hitachi Data Systems Support Center.	E
01005	208004	The operation cannot be performed because the resource group to which the specified ports belong is used by a different user.	Wait for the resource lock to be released, and then retry the operation.	W
01005	208005	The operation cannot be performed because the storage system requires maintenance, such as that the storage system is blocked, or that the shared memory is inconsistent.	Contact the Hitachi Data Systems Support Center.	E
01005	208006	The operation cannot be performed because an error occurred on the storage system.	Wait for a while, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
01005	208007	The operation cannot be performed because the specified ports are not installed.	Specify ports that are installed, and then retry the operation.	W
01005	208008	The T10 PI mode cannot be disabled for all or some of the specified ports due to one of the following reasons.	Verify that the settings for the specified ports and the associated ports are applied. If they are not applied, delete the LUN paths set to LDEVs with T10 PI enabled.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• LUN paths are set between the specified ports and LDEVs with T10 PI enabled. • LUN paths are set between different ports on the same channel board and LDEVs with T10 PI enabled.		
01005	208063	Host Mode Option 51 (Round Trip Set Up Option) cannot be set for the specified host group because the channel board of 16FC2 does not support Host Mode Option 51.	It is required to mount a channel board that supports Host Mode Option 51. Contact the Hitachi Data Systems Support Center.	W
01005	208065	The host mode option cannot be released because a path is defined on an LDEV that belongs to a different virtual storage machine from the one to which the specified host group belongs.	Release the path definition on the LDEV that belongs to a different virtual storage machine from the one to which the specified host group belongs, and then retry the operation.	W
01005	208393	Paths cannot be set, because deduplication system data volumes are specified.	Select different LDEVs.	W
01005	208394	Command devices cannot be set, because deduplication system data volumes are specified.	Select different LDEVs.	W
01005	208548	The path definition between a host group and two or more LDEVs with the ALU attribute cannot be performed.	Verify the settings, and then retry the operation.	W
01005	208549	The path cannot be removed because there is an LDEV with the ALU attribute, to which an LDEV with the SLU attribute is bound.	Unbind the LDEV with the SLU attribute from the LDEV with the ALU attribute, and then retry the operation.	W

Part code 01021

Table 3-2 Error codes (part code 01021)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01021	205005	The re-entered secret does not match the one entered previously.	Enter the same secret.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01021	209033	This operation causes the following to occur: • The T10 PI Mode setting of the port and the paired port changes. • I/O requests cannot be accepted. • If T10 PI Mode is enabled, I/O performance degrades.	To continue, verify that there is no problem if I/O operations stop, and then click [OK].	i

Part code 01022

Table 3-3 Error codes (part code 01022)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01022	105009	All the check boxes are cleared.	Check the check boxes for the items that you want to change, then retry the operation.	W
01022	105010	The host group name is not set.	Enter the host group name from 1 to 64 characters.	W
01022	105011	The number of characters specified in the host group name has exceed the maximum.	Enter the host group name from 1 to 64 characters.	W
01022	105012	Invalid characters are used in the specified host group name. You cannot use the following characters: \/:,;*?"<>|.	Remove the invalid characters, then retry.	W
01022	105013	The specified host group name is already used by another host group, which is on the same port.	Specify another host group name.	W
01022	105014	The default host group name cannot be used for the host group setting.	Specify another host group name.	W
01022	105016	Detail button pressing detection without line selection.	Select one table row.	W
01022	105017	The Detail button pressing is detected by two or more-line selection.	Select one table row.	W
01022	105018	Multiple host groups are selected on the same port.	Check the settings.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01022	105020	Hosts cannot be added because none of [Available Hosts] table rows is selected.	Select one or more table rows.	W
01022	105021	No more HBA WWNs can be registered, because the number of registered HBA WWNs has reached the maximum.	Check the settings.	W
01022	105022	The selected information cannot be added, because a duplicated HBA WWN is in the information being selected.	Only the first duplicate item is added. Check the contents that have been added.	W
01022	105023	The selected information cannot be added because a duplicated host name is in the information being selected.	Only the first duplicate item is added. Check the contents that have been added.	W
01022	105024	The specified HBA WWN cannot be added because it is already used in the same port, or it exists in the [Selected Hosts] table.	Check the settings.	W
01022	105025	The specified host name cannot be added because it is already used in the same port, or it exists in the [Selected Hosts] table.	Check the settings.	W
01022	105026	The processing cannot be done because of no data in the [Selected Hosts] table.	Check if there is a target host to be set in the [Selected Hosts] table. When there is not, add host(s) and retry the operation. When there is, close the window(s) and refresh it, then retry again. If the same problem persists despite retrying, please call the Support Center.	W
01022	105027	[Detail] is clicked in the state that no row is selected.	Select one table row.	W
01022	105028	[Detail] is clicked in the state that multiple rows are selected.	Select one table row.	W
01022	105030	No more host groups can be added, because the number of registered host groups that can be added to the subject port has reached the maximum.	Check the settings.	W
01022	105031	The host group cannot be added because no row is selected in any of the [Available Hosts] table and the [Available Ports] table.	Select one or more rows in the [Available Hosts] table and the [Available Ports] table, then click [Add].	W
01022	105033	No more host groups can be added, because the number of	Check the settings.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		registered hosts that can be added to the subject port has reached the maximum.		
01022	105037	The specified name of the host group is incorrect.	Enter the host group name with up to 64 alphanumeric characters and symbols (\ /: , ; * ? "< > | are excluded).	W
01022	105038	The default host group name cannot be used for the host group setting.	Specify another host group name.	W
01022	105040	[Detail] is clicked without selecting any row.	Select one table row.	W
01022	105041	[Detail] is clicked in the state of selecting multiple table rows.	Select one table row.	W
01022	105042	[Delete] is clicked without selecting any row.	Select one or more table rows.	W
01022	105043	The processing cannot be done because there is no data in the [Selected Host Groups] table.	Check if any of target host group to be set exists in the [Selected Host Groups] table. When there is not, add host group(s) and retry the operation. When there is, close the window(s) and refresh it, then retry again. If the same problem persists despite retrying, please call the Support Center.	W
01022	105044	[Detail] is clicked without selecting table rows.	Select one table row.	W
01022	105045	[Detail] is clicked in the state of selecting multiple table rows.	Select one table row.	W
01022	105046	HBA WWN cannot be converted into hexadecimal.	Specify the HBA WWN with 16 digits in hexadecimal.	W
01022	105047	The length of the host name is incorrect.	Enter the host name within 1 to 64 characters.	W
01022	105048	An invalid character is used in the host name.	Remove the invalid characters, then retry.	W
01022	105049	You are trying to register the same host that has already existed as a candidate.	Check the settings.	W
01022	105050	The specified HBA WWN cannot be registered, because it is already used in this port.	Check the settings.	W
01022	105051	The specified Host Name cannot be registered, because it is already used in this port.	Check the settings.	W
01022	105052	There is no port information on the copy target.	Check the settings.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01022	105070	The same host is specified at the same time.	Check the settings.	W
01022	105072	The same host cannot be added in the same port.	Check the settings.	W
01022	105073	[Finish] is clicked without completing the setting.	Check the settings.	W
01022	105074	All the check boxes are being cleared.	Check the check boxes for the items that you want to change, then retry the operation.	W
01022	105075	The HBA WWN about to be changed has already existed in the same port.	Check the settings.	W
01022	105076	The host name about to be changed has already existed in the same port.	Check the settings.	W
01022	105077	The specified port type is not Fibre Port.	Check the settings.	W
01022	105080	The attribute of the specified port cannot be changed.	Delete LUN Path from the host group in the specified port.	W
01022	105081	The setting cannot be changed because of the unsupported port speed.	Check the channel PCB.	W
01022	105082	The specified port does not exist in the configuration.	Retry the operation. If the same problem occurs again, close the windows, refresh it, then retry again. If the same problem persists despite retrying, please call the Support Center.	E
01022	105083	There is a radio button that is not selected.	Check the settings.	W
01022	105084	The setting cannot be changed, because an invalid value has been input.	Check the settings.	W
01022	105085	The setting cannot be changed, because the value of UUID is outside the range.	Check the settings.	W
01022	105086	The input value of the starting LUN ID is outside the range.	Check the settings.	W
01022	105087	The LUN ID cannot be set, because the value is outside the range.	Check the settings.	W
01022	105088	The table column is not selected.	Check the check boxes for the items that you want to change, then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01022	105089	The number of LUNs that can be set to the specified port has exceeded the maximum.	Check the settings.	W
01022	105090	The specified LDEV and an LDEV with LUN registered to the specified host group have the same ID.	Check the settings.	W
01022	105091	The number of selected host groups exceeds the maximum that can be operated at a time.	Verify the settings.	W
01022	105094	The length of the HBA WWN is incorrect.	Specify the HBA WWN with 16 digits in hexadecimal.	W
01022	105204	The operation cannot be performed because the program product is not installed or you do not have permission to access.	Install the program product. Or, log out, and then log back in with permission to edit.	W
01022	105207	The number of LUNs that can be set to the specified port has exceeded the maximum.	Check the settings.	W
01022	105208	The specified host cannot be added because the HBA WWN or the host name is used in the same port, or, it is used in the item that has been moved in the [Selected Host Groups] table.	Check the settings.	W
01022	105209	The host mode is left blank.	Set the item that is left blank, then retry the operation.	W
01022	105210	There are blank items in the Host Mode Options Table.	Set the item that is left blank, then retry the operation.	W
01022	105277	Some LDEVs or Host Groups that are not available for LUN path setting are excluded from the choices.	Click [OK], then continue the operation.	W
01022	105296	The specified port belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified port.	W
01022	105297	The specified host group or iSCSI target belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified host group or iSCSI target.	W
01022	105298	The specified LDEV belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified LDEV.	W
01022	105304	The specified host group belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified host group.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01022	105423	The operation cannot be executed because you have no editorial permission.	Execute the operation with the user who has editorial permission, or ask the administrator to provide editorial permission.	W
01022	105424	The specified LDEV cannot be used because you have no access right to a resource group to which the LDEV belongs.	Verify the resources allocation for the user who is assigned with the security administrator role.	W
01022	105425	Some LUN paths were excluded from the list because the LUN paths were defined to the host groups in the resource groups where you cannot access.	When you want to delete the LUN paths not listed here, verify the resources allocation for the user with security administrator role.	i
01022	105505	The operation cannot be performed because the selected host group where LUN pass is not defined.	Please set LUN pass in the host group, and then retry the operation.	W
01022	106501	The specified port does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
01022	106502	The specified host group does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
01022	106503	The process cannot be continued, because there is no necessary data for the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
01022	106504	No more host groups cannot be added to this port, because the number of hosts that can be set to the target port has reached the maximum.	Check the settings.	W
01022	106505	No more host groups cannot be set, because the number of host groups that can be set to the port has reached the maximum.	Check the settings.	W
01022	106506	The specified LU does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
01022	106510	The specified host does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
01022	106511	The specified path does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
01022	106514	The specified host does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01022	106519	The specified LDEV does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
01022	106520	Failed to get the configuration information.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
01022	106523	The specified host group is not registered.	Verify the configuration information.	W
01022	106524	The specified LDEV has no LU path.	Check the settings.	W
01022	106533	The configuration may have changed.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	W
01022	107001	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
01022	107002	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
01022	107003	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
01022	107004	The processing cannot continue due to an internal logic contradiction.	Retry the operation. If the same problem occurs again, close the windows, refresh it, then retry again. If the same problem persists despite retrying, please call the Support Center.	E
01022	107005	The processing cannot continue due to an internal logic contradiction.	Retry the operation. If the same problem occurs again, close the windows, refresh it, then retry again. If the same problem persists despite retrying, please call the Support Center.	E
01022	107006	The type of the specified port is not fibre port.	Check the settings.	W
01022	108003	The volume, which is allocated as LDEV in the target path information, is set as reserved by Data Retention Utility.	Check the settings.	W
01022	108004	The volume, which is allocated as LDEV in the path information that is set under the target host group, is set as reserved by Data Retention Utility.	Check the settings.	W
01022	108005	There is a volume, which is set as reserved by Data Retention Utility, in the target path information.	Check the settings.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01022	108006	The specified LDEV is a reserved volume of Data Retention Utility.	Check the settings.	W
01022	108007	The specified LDEV is set other than the Read/Write (S-VOL enabled) of Data Retention Utility.	Check the settings.	W
01022	108011	The specified LDEV is a journal volume of Universal Replicator.	Check the settings.	W
01022	108012	The specified LDEV is a pool volume.	Check the settings.	W
01022	108013	The specified LDEV is a V-VOL.	Check the settings.	W
01022	108014	The specified LDEV is a remote command device.	Check the settings.	W
01022	108016	The specified LDEV is a reserved volume of Data Retention Utility.	Check the settings.	W
01022	108027	An error occurred.	If the problem persists despite retrying, please call the Support Center.	E
01022	108028	An error occurred.	If the problem persists despite retrying, please call the Support Center.	E
01022	108034	The operation cannot be performed because the specified volume is used as an external volume that is mapped for the online data migration.	Select a different volume, and then retry the operation.	W
01022	109201	When you switched the host mode option 33 from Enabled to Disabled, access to an LU where a UUID is allocated is disabled.	Check that no UUID is allocated to all LUs set in the host group, then reboot OpenVMS.	W
01022	109202	When you switched the host mode option 33 from Disabled to Enabled, access to LU where UUID is not allocated is disabled.	Check that UUID is allocated to all LUs set in the host group, then reboot OpenVMS.	W
01022	109203	Consecutive LUN IDs could not be assigned from the specified number. However, unused LUN IDs after the specified number were assigned.	Verify the LUN IDs by clicking [OK]. Retry the operation if you want to assign different LUN IDs.	i
01022	205019	FC-AL cannot be selected as the connection type for ports whose speed is 16 Gbps.	Verify the settings.	W
01022	205053	The operation cannot be performed because LDEVs that belong to different virtual storage machines are selected.	Verify the setting.	W
01022	205054	The virtual storage machine to which the selected host groups	Verify the setting.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		or iSCSI targets belong is different from the one to which the LDEVs selected in the previous window belong.		
01022	205055	LDEVs whose virtual model types or serial numbers are different cannot coexist in the same host group.	Check the settings.	W
01022	205058	A host group cannot be created. To create a host group, the following conditions are required. • A host group ID that is not assigned to any host group exists for a resource group that you have permission to access. • The number of host groups assigned to one port does not reach the maximum.	Verify the resources allocation for the user with security administrator role.	W
01022	205105	The selected HBA iSCSI names have already been added to the [Selected Hosts] table.	Verify the settings.	W
01022	205106	The selected information cannot be added, because a duplicated HBA iSCSI name is in the information being selected.	Only the first duplicate item is added. Check the contents that have been added.	W
01022	205107	The setting items of IPv6 are specified, but the check box of IPv6 Mode is cleared.	To enable IPv6, select the check box, and then retry the operation.	W
01022	205108	The setting items of iSNS Server are specified, but the check box of iSNS Server is cleared.	To enable iSNS Server, select the check box, and then retry the operation.	W
01022	205140	Multiple iSCSI targets are selected on the same port.	Verify the settings.	W
01022	205141	No more HBA iSCSI names can be registered because the number of registered HBA iSCSI names has reached the maximum.	Verify the settings.	W
01022	205142	The entered HBA iSCSI name already exists in the same iSCSI target.	Enter a different HBA iSCSI name.	W
01022	205143	The LDEV specified on the previous window and an LDEV whose LUN is registered to the specified iSCSI target have the same ID.	Verify the settings.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01022	205144	The number of selected iSCSI targets exceeds the maximum that can be operated at a time.	Verify the settings.	W
01022	205145	The specified host group or iSCSI target belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified host group or iSCSI target.	W
01022	205146	LUN paths cannot be added because host groups that belong to different virtual storage machines are selected.	Verify the setting.	W
01022	205164	The operation cannot be performed because the selected host groups belong to "NAS_Platform_System_RSG" with the resource group ID 1023.	Move the selected host groups to a different resource group from "NAS_Platform_System_RSG" with the resource group ID 1023 , and then retry the operation.	W
01022	205165	The operation cannot be performed because the selected LDEVs belong to "NAS_Platform_System_RSG" with the resource group ID 1023.	Move the selected LDEVs to a different resource group from "NAS_Platform_System_RSG" with the resource group ID 1023 , and then retry the operation.	W
01022	205166	The operation cannot be performed because the selected ports are virtual ones.	Verify the target ports.	W
01022	205167	To delete LUN paths of the NAS Platform (User LU), all mapped paths must be deleted.	Select all mapped paths, and then retry the operation.	W
01022	205179	The operation cannot be performed because LUN paths to NAS platforms are assigned to the selected LDEVs.	Verify the setting for the specified LDEVs.	W
01022	205188	UUIDs cannot be allocated to all specified LUNs because the number of characters for UUIDs that are automatically generated from the characters entered in Prefix and Initial Number exceeds the maximum that can be used for a UUID.	Verify the setting.	W
01022	205202	The operation cannot be performed because the selected LDEV is an external volume with Data Direct Mapping enabled.	Select a different LDEV.	W
01022	205203	The specified or associated ports belong to resource groups that you do not have permission to access.	Retry the operation with access to the resource groups containing the specified ports, or ask the administrator for access permission.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01022	205204	The operation cannot be executed, because the specified logical volume is not a Dynamic Tiering volume.	Check the specified logical volume, then retry the operation.	W
01022	205207	The operation cannot be performed because accelerated compression is enabled on the selected LDEV.	Select a different LDEV on which accelerated compression is disabled.	W
01022	205209	With NAS Platform (User LU) for the port type, only host group 0 can be operated.	Select one or some of host groups whose ID is 0, and then retry the operation.	W
01022	205220	The operation cannot be performed, because one or more deduplication system data volumes are specified.	Select different LDEVs.	W
01022	205230	FC-AL cannot be selected as the connection type for ports whose speed is 32 Gbps.	Verify the settings.	W
01022	206001	The re-entered secret does not match the one entered previously.	Enter the same secret.	W
01022	206288	The operation cannot be performed because the fibre port is not installed.	Verify the environment.	W
01022	206294	The specified ports do not support T10 PI Mode.	Specify ports that support T10 PI Mode.	W
01022	206295	The specified LDEVs cannot be operated because T10 PI is enabled.	Specify LDEVs on which T10 PI is disabled.	W
01022	206517	Invalid port type.	Select only the Fibre type port.	W
01022	206518	Invalid port type.	Select only the iSCSI type port.	W
01022	206519	Invalid port type.	Select ports of the same port type.	W
01022	206521	The specified iSCSI target does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
01022	206522	The specified iSCSI target is not registered.	Verify the configuration information.	W
01022	208004	The volume that is assigned as an LDEV in the path information of the specified host group or iSCSI target is reserved by Data Retention Utility.	Verify the settings.	W

Part code 01205

Table 3-4 Error codes (part code 01205)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01205	006012	An error occurred during SVP processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
01205	006023	The SVP is busy.	Wait for a while, and then retry the operation.	W
01205	006502	An error occurred on the storage system.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
01205	006537	The setting cannot be applied because there is an error in a different setting.	Verify and correct the error in the other setting, and then retry the operation.	W
01205	007060	An internal logic contradiction occurred.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
01205	007111	The SVP is busy.	Wait for a while, and then retry the operation.	W
01205	007310	An unregistered error occurred.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
01205	008000	An unexpected error occurred on the external module.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
01205	008001	A communication time-out error occurred.	Wait for a while, and then retry the operation.	E
01205	008002	A communication error occurred.	Wait for a while, and then retry the operation.	W
01205	008100	An error occurred during communication with the storage system.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
01205	008102	The specified function is not supported.	Verify the firmware version of the DKCMAIN and the software version of the SVP.	E
01205	008890	The specified port is being initialized.	Wait for a while, and then retry the operation.	W
01205	056299	The I/O operation with the host connected via iSCSI is in progress.	Stop the I/O operation, and then retry the operation.	W
01205	057099	Some entries are not valid.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
01205	058388	The CHB for iSCSI is not mounted.	Verify the selected port ID, and then retry the operation.	W
01205	058390	The firmware exchange is in progress on the storage system.	Wait until the firmware exchange is complete, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01205	058391	The specified port is blocked.	Restore the blocked status of the port, and then retry the operation. If the blocked status cannot be restored, contact the Hitachi Data Systems Support Center.	E
01205	205000	The Ethernet MTU size is not valid.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
01205	205001	The VLAN tagging mode is not valid.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
01205	205002	The VLAN ID is not valid.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
01205	205003	A network address, a loopback address, a broadcast address, or an address whose first segment is 255 cannot be specified for the IPv4 IP address.	Verify the settings, and then retry the operation.	W
01205	205004	The IPv6 mode is not valid.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
01205	205005	The IPv6 link local address is not valid.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
01205	205006	The IPv6 link local address is not valid.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
01205	205007	The IP address set for Global Address 1 or Global Address 2 is not correct.	Verify whether the global address of IPv6 is set. If this problem persists, contact the Hitachi Data Systems Support Center.	W
01205	205008	A multicast or loopback address cannot be set for Global Address 1 of IPv6.	Verify the settings.	W
01205	205009	A multicast address or a loopback address cannot be specified for the IPv6 default gateway.	Verify the settings, and then retry the operation.	W
01205	205010	The TCP port number is not valid.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
01205	205011	The selective ACK is not valid.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
01205	205012	The delayed ACK is not valid.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
01205	205013	The maximum window size is not valid.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
01205	205014	The entered keep alive timer is not valid.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
01205	205015	The iSNS server is not valid.	If this problem persists, contact the Hitachi Data Systems Support Center.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01205	205016	The IP address of the iSNS server is not valid.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
01205	205017	The entered IP address of the iSNS server is not valid because of the following: • A loopback address, a broadcast address, or an address whose first segment is 255 cannot be specified for the IPv4 IP address. • An unspecified address, a multicast address, or a loopback address cannot be specified for the IPv6 address.	Verify the settings, and then retry the operation.	W
01205	205018	The TCP port number of the iSNS server is not valid.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
01205	205019	To disable the IPv6 setting, it is required to remove all remote paths to avoid a remote replication error.	Delete the remote paths, and then retry the operation.	W
01205	205020	The same IPv6 address cannot be specified on the same port.	Verify the settings, and then retry the operation.	W
01205	205021	The VLAN tagging mode cannot be set because the VLAN ID is not entered.	Enter the VLAN ID, and then retry the operation.	W
01205	205022	The specified port belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified port.	W
01205	205023	The configuration information cannot be updated on the storage system.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
01205	205024	The entered VLAN ID is already registered.	Verify the settings, and then retry the operation.	W
01205	205025	A VLAN ID is already set on the specified iSCSI port.	Delete the VLAN ID, and then retry the operation.	W
01205	205026	The setting of Subnet Mask for IPv4 is not valid.	Verify the setting, and then retry the operation.	W
01205	205027	An error occurred on the storage system.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
01205	205028	The specified iSCSI target is already added.	Click the refresh button to have the latest information displayed on the window, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01205	205029	The specified iSCSI target does not exist.	Click the refresh button to have the latest information displayed on the window, and then retry the operation.	W
01205	205030	The following symbols and spaces cannot be used for iSCSI Target Name: ! " # $ % & ' ( ) = ~ ^ | \ ` @ { } [ ] ; + * < > , ? / _	Verify the setting.	W
01205	205031	The following symbols cannot be used for CHAP User Name or Secret: ! " # $ % & ' ( ) ^ | \ ` { } ; * < > , ?	Verify the setting.	W
01205	205032	No more iSCSI paths or remote paths using iSCSI can be added because the total of iSCSI paths and remote paths using iSCSI reaches the maximum that can be added to the storage system.	Delete unnecessary iSCSI paths or remote paths using iSCSI, and then retry the operation.	W
01205	205033	The operation cannot be performed because the processing of iSCSI Targets Discovery to be simultaneously performed reaches the maximum.	Wait for a while, and then retry the operation.	W
01205	205034	The test login to the iSCSI target cannot be performed.	Verify the following, and then retry the operation. • The iSCSI ports on the local storage system and on the external storage system are connected. • The iSCSI target with the specified IP address and TCP port number exists on the external storage system. • The ports on the local storage system and on the iSCSI target have the same settings for Authentication Method and Mutual CHAP. • If CHAP is selected as an authentication method, the same User Name and Secret are set on the ports on the local storage system and the iSCSI target . If Mutual CHAP is enabled, the same User Name and Secret are also set on the iSCSI path and the iSCSI target.	W
01205	205035	The operation cannot be performed because the number	Wait for a while, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		of login tests of iSCSI targets simultaneously performed reaches the maximum.		
01205	205036	The operation cannot be performed because the specified port is not an iSCSI port.	Verify the type of the specified port.	W
01205	205037	The operation cannot be performed because the storage system is in internal process, or a different user is changing the configuration.	Wait for a while, and then retry the operation.	W
01205	205038	The operation cannot be performed because the resource group that the specified iSCSI port, host group, or the LDEV is belongs to is locked by a different user.	Wait for the resource lock to be released, and then retry the operation.	W
01205	205039	The operation cannot be performed because the storage system requires maintenance, such as that the storage system is blocked, or that the shared memory is inconsistent.	Contact the Hitachi Data Systems Support Center.	E
01205	205040	No more iSCSI paths or remote paths can be added to the specified port because the total of iSCSI paths and remote paths using iSCSI reaches the maximum that can be added to a port.	Delete unnecessary iSCSI paths or external paths connected to the specified port, and then retry the operation.	W
01205	205041	The specified iSCSI port or iSCSI path cannot be edited or deleted because it is used for an external path.	Delete the external path, and then retry the operation.	W
01205	205042	Discover iSCSI Targets cannot be performed.	Verify the following, and then retry the operation. • The iSCSI ports on the local storage system and on the external storage system are connected. • The iSCSI port with the specified IP address and TCP port number exists on the external storage system. • If Port Security for the iSCSI port on the external storage system is enabled, there is an iSCSI target with the iSCSI name of the local port set as a host.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01205	205043	The selected iSCSI path cannot be edited because it is used as a remote path.	Remove the remote path, and then retry the operation.	W
01205	205044	The specified ports, iSCSI targets, or host groups cannot be used because you do not have permission to access a resource group to which they belong.	Ask the administrator for resource assignment.	W
01205	205045	The current DKCMAIN microcode version does not support the specified operation.	Verify the microcode versions of the DKCMAIN and the SVP.	W
01205	205046	The following addresses cannot be specified for the IP address: a network address, a broadcast address, a multicast address, a loopback address, and an address consisting of all zeros (0).	Verify the setting, and then retry the operation.	W
01205	205052	In the current DKCMAIN firmware version, an IPv6 address cannot be set for Global Address 2.	Contact the Hitachi Data Systems Support Center to update the DKCMAIN firmware, and then retry the operation. If you do not want to update the DKCMAIN firmware, do not set Global Address 2.	W
01205	205053	Global Address 2 cannot be set because Global Address 1 is not set.	Set Global Address 1. If necessary, set Global Address 2.	W
01205	205054	A multicast or loopback address cannot be set for Global Address 2 of IPv6.	Verify the settings.	W
01205	207001	An error occurred during processing.	Verify the details of the error.	W
01205	208000	The storage system has accepted the request normally, but the processing requires some time.	If this problem persists, close the windows, verify that the internal processing or the configuration change has been completed, and then retry the operation. If the internal processing or the configuration change takes much time to complete, contact the Hitachi Data Systems Support Center.	W

Part code 01221

Table 3-5 Error codes (part code 01221)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01221	105001	No table rows are selected.	Select one or more table rows.	W
01221	105003	No table row, or two or more table rows are selected.	Select one table row.	W
01221	105007	No table row is selected.	Select one table row.	W
01221	109001	Are you sure you want to remove the selected rows?	To continue, click [OK].	W
01221	209024	If this operation is performed while a host I/O is running, the I/O operation to the specified iSCSI target will end abnormally. To avoid this, stop the host I/O operation first, and then perform the operation. Do you want to continue this operation?	To continue, click [OK].	W
01221	209025	If this operation is performed while a host I/O is running, the I/O operation from the host that uses the specified CHAP user will end abnormally. To avoid this, stop the host I/O operation first, and then perform the operation. Do you want to continue this operation?	To continue, click [OK].	W
01221	209026	If this operation is performed while a host I/O is running, the I/O operation from the specified host will end abnormally. To avoid this, stop the host I/O operation first, and then perform the operation. Do you want to continue this operation?	To continue, click [OK].	W
01221	209027	If any of the following is changed while a host I/O is running, the I/O operation to the specified iSCSI target will end abnormally: • iSCSI target name • Host mode • Authentication Method • Mutual CHAP • CHAP user name • Secret	To continue, click [OK].	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		Do you want to continue this operation?		
01221	209029	If any of the following is changed while a host I/O is running, the I/O operation to the selected iSCSI path will end abnormally. Do you want to continue this operation? • Authentication Method • Mutual CHAP • CHAP User Name • Secret	To continue, click [OK].	W
01221	209030	No more discovery targets can be added because the number of rows reaches the maximum.	Take one of the following actions: • Close the message window, and then click [OK] on the Discover iSCSI Targets window to perform the discovery. After that, click [Discover iSCSI Targets] to display the window again, and then add a discovery target to discover iSCSI paths. • Remove some discovery targets from the Discovery List, and then add a discovery target to discover iSCSI paths.	W

Part code 01222

Table 3-6 Error codes (part code 01222)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01222	107001	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
01222	107002	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
01222	107003	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01222	107004	The processing cannot continue due to an internal logic contradiction.	Close the error dialog and wizard windows, click [Refresh], and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
01222	107005	The processing cannot continue due to an internal logic contradiction.	Close the error dialog and wizard windows, click [Refresh], and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
01222	206196	The number of characters for the iSCSI target alias is not valid.	Enter the iSCSI target alias using 1 to 32 characters excluding spaces before and after the input strings.	W
01222	206197	The number of characters for the user name is not valid.	Enter the user name using 1 to 223 characters excluding spaces before and after the input strings.	W
01222	206199	The operation cannot be performed because there is no available iSCSI target ID on the selected port.	Remove unnecessary iSCSI targets, and then retry the operation.	W
01222	206200	No more CHAP users can be added to the specified iSCSI target because the number of CHAP users has reached the maximum.	Remove unnecessary CHAP users, and then retry the operation.	W
01222	206201	No more CHAP users can be added to the specified iSCSI target because the number of CHAP users has reached the maximum.	Remove unnecessary CHAP users, and then retry the operation.	W
01222	206202	No more iSCSI targets can be added to the port because the number of iSCSI targets has reached the maximum.	Remove unnecessary iSCSI targets, and then retry the operation.	W
01222	206203	No more hosts can be added to the port because the number of hosts has reached the maximum.	Remove unnecessary hosts, and then retry the operation.	W
01222	206204	No more CHAP users can be added to the port because the number of CHAP users has reached the maximum.	Remove unnecessary CHAP users, and then retry the operation.	W
01222	206205	The default iSCSI target alias cannot be used for the specified iSCSI target.	Specify a different iSCSI target alias.	W
01222	206206	The specified iSCSI target alias is already used by a different iSCSI target on the same port.	Specify a different iSCSI target alias.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01222	206207	The default iSCSI target name cannot be used for the specified iSCSI target.	Specify a different iSCSI target name.	W
01222	206208	The specified iSCSI target name is already used by a different iSCSI target on the same port.	Specify a different iSCSI target name.	W
01222	206209	There are some hosts that cannot be added because the same HBA iSCSI name is used for them.	Only one of the hosts with the same HBA iSCSI name, which appears uppermost on the host list, can be added. Verify the added host.	W
01222	206210	There are some hosts that cannot be added because the same host name is used for them.	Only one of the hosts with the same host name, which appears uppermost on the host list, can be added. Verify the added host.	W
01222	206211	The selected host cannot be added because the host name is already used on the same port, or used for the item that has been moved to the [Selected iSCSI Targets] table.	Select a different host.	W
01222	206212	The selected host cannot be added because the HBA iSCSI name is already used on the same port, or used for the item that has been moved to the [Selected iSCSI Targets] table.	Select a different host.	W
01222	206213	The selected CHAP users cannot be added because the same user name is used for them.	Select CHAP users with a different user name, and then retry the operation.	W
01222	206214	The selected CHAP user cannot be added because the user name is already used on the same port, or used for the item that has been moved to the [Selected iSCSI Targets] table.	Select a different CHAP user.	W
01222	206215	The specified user name is already used on the same port.	Specify a different user name.	W
01222	206216	The specified user name is already used or reserved.	Specify a different user name.	W
01222	206217	The specified combination of the user name and secret is already used.	Specify a different user name and secret.	W
01222	206218	The specified user name is already used by a different iSCSI target on the same port.	Specify a different user name.	W
01222	206219	The operation cannot be performed because a host group is selected.	Select only the iSCSI target, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01222	206220	The operation cannot be performed because a host other than that of the iSCSI port is selected.	Select only the host of the iSCSI port, and then retry the operation.	W
01222	206221	The re-entered secret does not match the one entered previously.	Enter the same secret.	W
01222	206222	The operation cannot be performed because no target CHAP user is assigned to the selected iSCSI target.	Select iSCSI targets, to which a target CHAP user is set, and then retry the operation.	W
01222	206223	It is required to enter the user name and secret because Mutual CHAP is set to Enable.	Enter both the user name and secret.	W
01222	206224	It is required to set the user name and secret at the same time.	Enter both the user name and secret.	W
01222	206225	The target CHAP user cannot be removed because Mutual CHAP of the selected iSCSI target is set to Enable.	Change Mutual CHAP to Disable, and then retry the operation.	W
01222	206226	The iSCSI target, to which the specified host belongs, belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the iSCSI target to which the specified hosts belong.	W
01222	206227	The specified LDEV belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified LDEV.	W
01222	206228	The specified LDEV is a reserved volume of Data Retention Utility.	Verify the settings.	W
01222	206229	The settings are applied, but they are not effective until the security switch is turned on.	Turn the security switch on.	W
01222	206230	There is a blank item in the Host Mode Options Table.	Set the item that is left blank, and then retry the operation.	W
01222	206231	The LU, to which no UUID is assigned, will not be accessible if Host Mode Option 33 is switched from Disabled to Enabled.	Verify that a UUID is assigned to all LUs associated with the specified iSCSI target, and then reboot OpenVMS.	W
01222	206232	The LU, to which a UUID is assigned, will not be accessible if Host Mode Option 33 is switched from Enabled to Disabled.	Verify that no UUID is assigned to all LUs associated with the specified iSCSI target, and then reboot OpenVMS.	W
01222	206233	4C is specified for the host mode of the specified iSCSI target.	Verify the settings.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		However, the iSCSI target is connected to a volume that cannot be used for Universal Volume Manager.		
01222	206234	The multicast address format cannot be specified for the IP address.	Specify a format other than the multicast address for the IP address.	W
01222	206235	The operation cannot be performed because the iSCSI port is not installed.	Verify the environment.	W
01222	206236	The iSCSI target to which the specified CHAP user is assigned belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the iSCSI target to which the specified CHAP user is assigned.	W
01222	206237	iSCSI targets were created, but an error occurred during the CHAP user setting.	Verify the settings by the Task Properties window or the audit log file, and then retry the operation.	W
01222	206238	iSCSI targets were created, but an error occurred during the setting of the host.	Verify the settings by the Task Properties window or the audit log file, and then retry the operation.	W
01222	206239	No more iSCSI targets can be added to the specified port because the number of iSCSI targets has reached the maximum.	Remove unnecessary iSCSI targets, and then retry the operation.	W
01222	206240	An iSCSI target cannot be created. To create an iSCSI target, the following conditions are required: • An iSCSI target ID that is not assigned to any iSCSI target exists for a resource group that you have permission to access. • The number of iSCSI targets assigned to one port does not reach the maximum.	Verify the resources allocation for the user with security administrator role. Or, remove unnecessary iSCSI targets.	W
01222	206241	If Authentication Method is set to None, all of the assigned CHAP users will be removed. Do you want to continue this operation?	To continue, click [OK].	W
01222	206242	A CHAP user cannot be added because the selected iSCSI targets include an iSCSI target whose Authentication Method is set to None.	Set Authentication Method of the iSCSI target to other than None, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01222	206243	A CHAP user cannot be added because the selected iSCSI targets include an iSCSI target whose Authentication Method is set to None.	Set Authentication Method of the iSCSI target to other than None, and then retry the operation.	W
01222	206244	No available CHAP users table rows are selected.	Select one or more available CHAP users table rows.	W
01222	206245	The selected iSCSI targets include an iSCSI target to which no CHAP user is assigned. Even if Authentication Method is set to CHAP, the user authentication of the iSCSI target, to which no CHAP user is assigned, cannot be performed.	To perform the user authentication, wait until the task is complete, and then add CHAP users.	W
01222	206246	The selected iSCSI targets cannot be allocated to LDEVs because the iSCSI targets have different virtual storage machines.	Make all selected iSCSI targets have the same virtual storage machine, and then retry the operation.	W
01222	206266	The selected port belongs to a resource group that you do not have permission to access.	Ask the administrator for permission to access the resource group.	W
01222	206267	The selected port cannot be removed because the CHAP user name is not set.	Select a port to which a CHAP user name is set.	W
01222	206268	The selected port cannot be removed because the CHAP user name is not set.	Select a port to which a CHAP user name is set.	W
01222	206269	The selected port cannot be removed because an iSCSI path with CHAP authentication is registered in that port.	Delete the iSCSI path from the selected port, or set the authentication method to None, and then retry the operation.	W
01222	206270	The selected port cannot be removed because it is not an iSCSI port.	Select only iSCSI ports.	W
01222	206271	The selected port cannot be removed because it is not an iSCSI port.	Select only iSCSI ports.	W
01222	206272	The selected port cannot be removed because it is used as an external path for Universal Volume Manager.	Select an iSCSI path that is not used as an external path for Universal Volume Manager, or delete the external path from the selected iSCSI path, and then retry the operation.	W
01222	206273	The specified discovery target cannot be added to the Discovery List because the same	Specify a different discovery target.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		discovery target exists in the list.		
01222	206274	The operation cannot be performed because there is no iSCSI port that belongs to a resource group with permission to access.	Ask the administrator for resource assignment for the resource group.	W
01222	206275	No more iSCSI paths can be added because the number of iSCSI paths exceeds the maximum for registration.	Select an iSCSI path that is already set, or delete some iSCSI paths, and then retry the operation.	W
01222	206276	The entered IP address is not valid.	Enter a correct IP address in the IPv6 format.	W
01222	206277	The user name and secret cannot be edited because the authentication method is not set to CHAP.	Change the authentication method to CHAP, and then enter the user name and secret.	W
01222	206278	The user name and secret are not entered.	Enter both the user name and secret.	W
01222	206279	Either the user name or secret is entered.	When the authentication method is CHAP and the mutual CHAP is Disable, enter both the user name and secret or do not enter both of them.	W
01222	206512	The specified port does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
01222	206513	The specified iSCSI target does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
01222	206514	The specified host does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
01222	206515	The specified CHAP user does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
01222	206524	The selected iSCSI path does not exist in the configuration.	Click the refresh button to have the latest information displayed on the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
01222	209010	Are you sure you want to start the test login to the iSCSI target?	To start the test, click [OK].	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01222	209011	The test login to the iSCSI target succeeds.	Click [OK].	i

Part code 01310

Table 3-7 Error codes (part code 01310)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
01310	005832	The user name is incorrect.	Verify the settings.	W
01310	005833	The secret is incorrect.	Verify the settings.	W
01310	005834	The reentered secret does not match the previously entered secret.	Verify the settings.	W
01310	005836	The user name or the secret has not been changed.	Verify the settings.	W
01310	009366	If a host is connected, the connection will be disconnected. Do you want to continue?	To continue, click [OK]. Otherwise, click [Cancel].	W
01310	055601	The specified time out period is invalid.	Verify the settings.	W
01310	055602	The specified authentication interval is invalid.	Verify the settings.	W
01310	055603	The specified number of times of authentication is invalid.	Verify the settings.	W

4

Message (part code group 02nnn)

This chapter includes the error messages with the part code 02005.

- Part code 02005

Part code 02005

Table 4-1 Error codes (part code 02005)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
02005	001021	The specified volume does not exist.	The configuration information has already been changed. Check the settings, and request the configuration information setting again.	W
02005	001599	This functionality is not available. Open Volume Management or LUN Manager is required.	Install the necessary P.P. license key.	W
02005	001600	This functionality is not available. LUN Manager is required.	Install the necessary P.P. license key.	W
02005	001601	This functionality is not available. Open Volume Management is required.	Install the necessary P.P. license key.	W
02005	001931	The operation cannot be performed because the specified volume is used as an external volume that is mapped for the online data migration.	Specify a volume other than the external volume mapped for the online data migration, and then retry the operation.	W
02005	002083	The storage system status is invalid.	Check the DKC status and the current status of the configuration setting. If necessary, re-execute the setting operation.	E
02005	002084	The storage system status is invalid.	Check the DKC status and the current status of the configuration setting. If necessary, re-execute the setting operation.	E
02005	065660	The Dynamic Provisioning volume is not associated with a pool.	Associate the Dynamic Provisioning volume with a pool, then retry the operation.	W
02005	065704	The Dynamic Provisioning volumes are not associated with the same pool.	Associate the Dynamic Provisioning volumes with the same pool, then retry the operation.	W
02005	076512	The specified LDEV belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified LDEV.	W

5

Message (part code group 03nnn)

This chapter includes the error messages with the part code 03005 to 03505.

- Part code 03005
- Part code 03022
- Part code 03121
- Part code 03122
- Part code 03205
- Part code 03222
- Part code 03305
- Part code 03405
- Part code 03505

Part code 03005

Table 5-1 Error codes (part code 03005)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03005	001910	The specified volume contains a Thin Image pair.	Check the setting of the specified volumes.	W
03005	001911	The specified volume contains Pool-VOLs.	Check the setting of the specified volumes.	W
03005	002011	The status of the storage system requires maintenance (for example, the storage system is blocked, the shared memory is inconsistent, or some other factor).	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
03005	002015	An error occurred while connecting to the storage system.	If this problem persists, please call the Support Center.	E
03005	002085	Copying is in progress for a pair of TrueCopy, Universal Replicator, ShadowImage, Volume Migration, or Thin Image.	Wait for a while, and then retry the operation.	W
03005	002086	The configuration of TrueCopy, Universal Replicator, ShadowImage, Volume Migration, or Thin Image has been defined.	Release the configuration definition, and then retry the operation.	W
03005	002088	The Remote Copy pair is suspended.	Add an alternative path.	W
03005	002089	The corresponding CHB might contain the last path between the MCU and RCU of TrueCopy or Universal Replicator.	Make sure that there is an alternative path from the MCU.	W
03005	002090	ShadowImage or Thin Image setting exists.	Release the settings or stop the I/Os, and then retry the operation.	W
03005	002091	The backup server of ShadowImage or Thin Image is running.	Stop the backup server, and then retry the operation.	W
03005	002092	Some pairs of ShadowImage or Thin Image exist.	Split the pair of ShadowImage or Thin Image.	W
03005	002093	Some pairs of ShadowImage or Thin Image exist.	Resynchronize the pair of ShadowImage or Thin Image.	W
03005	002094	Some pairs of ShadowImage or Thin Image exist.	Change the volume status to Simplex.	W
03005	002095	The operation cannot be performed because one of the	Wait for a while, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		following maintenance operations is in progress. • LDEV formatting • Correction copy • Drive copy • CHB status change • Cache status change • PCIe channel board status change • OEM Drive microcode replacement • LDEV Shredding		
03005	002201	Processing cannot be performed because of Data Retention Utility settings.	Check the settings, then retry the operation.	W
03005	002204	Devices to be maintained include journal volumes.	Delete or suspend all pairs belonging to journal volumes to be maintained.	W
03005	002205	Devices to be maintained include journal volumes.	Delete all pairs belonging to journal volumes to be maintained.	W
03005	002511	The restore operation has been failed, because the specified LDEV was not shredded or formatted.	Shred or format the specified LDEV. If the specified LDEV is Dynamic Provisioning volume (DP-VOL), recover the pool first.	W
03005	002512	The restore operation has been failed, because the system cannot access the specified LDEV.	Call the Support Center.	E
03005	002515	A TrueCopy pair or a Universal Replicator pair is defined.	Release the pair definition, and then retry the operation.	W
03005	002516	A TrueCopy pair or a Universal Replicator pair is defined.	Delete the pair definition or suspend the pair, and then retry the operation.	W
03005	002517	The target volume is defined as a pair volume of ShadowImage or Thin Image.	Split the pair, and then retry the operation. If the Quick Split mode is on, suspend and then split the pair.	W
03005	002518	A pair of ShadowImage or Thin Image is defined.	Split the pair, and then retry the operation. If the Quick Split mode is on, suspend and then split the pair.	W
03005	002520	A Volume Migration pair is defined.	Delete the pair definition, and then retry the operation.	W
03005	002521	A Volume Migration pair is defined.	Release the pair definition.	W
03005	003003	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03005	005010	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03005	005013	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03005	005099	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03005	005874	The program product required for using the shredding function is not installed.	Install the required program product.	W
03005	005875	The specified volume is formatting or shredding.	Retry the operation later.	W
03005	006000	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03005	006012	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03005	006022	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03005	006023	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03005	006024	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03005	006036	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03005	006050	An error occurred during Storage Navigator processing.	If nothing changes despite retrying, call the Support Center.	E
03005	006533	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03005	006537	There is an error in another setting and the setting processing has not been executed.	Check the error factor in the others settings.	W
03005	007060	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03005	007111	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03005	007310	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03005	008000	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03005	008001	A communication time-out error occurred in the storage system.	If this problem persists, please call the Support Center.	E
03005	008002	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03005	008100	An error occurred while connecting to the storage system.	If this problem persists, please call the Support Center.	E
03005	008102	This function is not supported.	Check whether the DKCMAIN firmware version and Storage Navigator software version are mismatched.	E
03005	008971	An error occurred while connecting to the storage system.	If the problem persists despite retrying, please call the Support Center.	W
03005	008979	The operation of the external volume has been failed because all the paths to the external volume are blocked.	Restore more than one path to the external volume, and then perform the operation of the external volume.	W
03005	055505	The operation cannot be performed because the CLPR that is specified to migrate the selected pool volume is different from a CLPR to which other pool volumes in the same pool belong.	Verify the setting.	W
03005	055507	The specified volume is used as a command device.	Release the command device setting or specify another volume.	W
03005	055510	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03005	055512	The specified volume is an external volume.	Specify another volume.	W
03005	055513	The selected volume is used as a virtual volume of Thin Image.	Specify another volume.	W
03005	055514	The specified volume is not configured.	Specify another volume.	W
03005	055516	This function is not available, because the program product is not installed.	Install Open Volume Management.	W
03005	055517	The specified volume is used as a Pool-VOL.	Delete the Pool-VOL, or specify a different volume.	W
03005	055519	The specified pool does not exist.	Check the settings.	W
03005	055594	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03005	056301	An error occurred during Storage Navigator processing.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03005	056302	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03005	056303	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03005	057101	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03005	057102	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03005	058460	The logical volume cannot be registered, because it is not installed.	Install the logical volume, or specify a different volume.	W
03005	058461	The specified operation cannot be done, because the logical volume is blocked.	Restore the blockade status of the logical volume.	W
03005	058462	The logical volume cannot be registered, because it is defined as a Pool-VOL.	Delete the Pool-VOL, or specify a different volume.	W
03005	058463	The specified logical volume cannot be registered, because the CLPR number of the volume does not match the number of the logical volume already registered to the Pool.	Match the CLPR number of the logical volumes.	W
03005	058464	The specified logical volume cannot be registered, because it is a V-VOL.	Specify another logical volume.	W
03005	058465	The volume set as a Command Device cannot be set as a component of a Pool-VOL.	Delete the command device, or specify a different volume.	W
03005	058466	The specified logical volume cannot be registered, because a LUN path is set to the logical volume.	Specify another logical volume.	W
03005	058467	The operation cannot be performed because one of the following licenses is not installed or any licensed capacity is not enough. • Dynamic Provisioning • Dynamic Tiering • active flash • Thin Image	Install the required license or add the required licensed capacity, and then retry the operation.	W
03005	058469	The specified logical volume is being used by another program product.	Specify another logical volume.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03005	058470	The operation cannot be performed because the usage of the specified pool is 100% (full).	Add some Pool-VOLs, or decrease the data for Thin Image by restoring or deleting the Thin Image pairs.	W
03005	058471	The shared memory for the V-VOL management area is insufficient.	Install additional shared memory for the V-VOL management area.	W
03005	058472	The pool information cannot be acquired because pool information is not acquired when: • The virtual volume management area is not initialized. • The virtual volume management area is not installed.	Verify the installation status of the virtual volume management area.	W
03005	058473	An error occurred when setting the Pool.	Check the error message of the logical volume(s) in the Pool.	W
03005	058474	The specified operation cannot be performed because there is not enough memory available on the shared memory for the V-VOL management area.	Install the additional shared memory for the V-VOL management area, and then retry the operation. If the additional shared memory is already installed, the capacity of pools and V-VOLs has reached the maximum. In this case, delete unnecessary pools and V-VOLs, and then retry the operation.	W
03005	058475	The PCB for fibre port is not installed.	Install the PCB for fiber port, and retry the operation.	W
03005	058491	A communication time-out error occurred in the storage system.	If this problem persists, please call the Support Center.	E
03005	058570	The V-VOL management area is being used.	Delete the Thin Image pairs, and then retry the operation.	W
03005	058571	The specified operation cannot be executed because the Pool-VOL is not mounted.	Check the Pool-VOL setting.	W
03005	058572	An error occurred while communicating with the storage system.	If the problem persists despite retrying, please call the Support Center.	E
03005	058573	This function is not supported.	The DKCMAIN firmware version and Storage Navigator software version might not match. Verify each software version.	E
03005	058574	An error occurred while connecting to the storage system.	If this problem persists, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03005	058575	An error occurred while connecting to the storage system.	If this problem persists, please call the Support Center.	E
03005	058576	A communication time-out error occurred in the storage system.	If this problem persists, please call the Support Center.	E
03005	058578	An error occurred on the storage system. The configuration might not be consistent.	Click Refresh All on the File menu, and then refresh the configuration information.	W
03005	058623	The specified operation cannot be performed because the Thin Image pair using the pool volumes to be maintained is in PSUS status or being restored.	Resynchronize the pair or release the pair definition, and then retry the operation.	W
03005	058626	A Thin Image pair is defined.	Cancel the pair definition, and then retry the operation.	W
03005	058706	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03005	065659	The specified volume is used as a Dynamic Provisioning volume.	Specify a different volume.	W
03005	065671	The pool volumes associated with the Dynamic Provisioning volume is included in the items to be maintained.	Release the association between the pool volume and the Dynamic Provisioning volume.	W
03005	065675	The LDEV to be operated is not included in the specified parity group.	Check the setting and status of the LDEV in the specified parity group.	W
03005	065676	The association cannot be made because the pool is in a different CLPR.	Confirm that it is associated with a pool in the same CLPR.	W
03005	065688	A failure occurred while formatting.	Cancel the format processing from the Storage Navigator, then retry the formatting processing again.	W
03005	065689	A failure occurred while quick formatting.	Cancel the quick formatting processing from the Storage Navigator, then execute the quick formatting processing again.	W
03005	065690	The specified volumes contain volumes that are being quick formatted.	Retry the operation later.	W
03005	065691	Preparing for quick format.	Check the status and wait until the status changes to a status that maintenance is possible.	W
03005	065692	The specified volumes contain volumes that quick format cannot be executed.	Select only the volumes that quick format can be executed and execute quick format.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03005	065694	The specified quick formatting operation cannot be performed, because the total number of either of the following parity groups exceeds the maximum for quick formatting. • Parity groups containing LDEVs that are in quick formatting operations • Parity groups containing LDEVs that are blocked during quick formatting operations.	Change the setting or wait until the quick formatting operations for other parity groups is complete, and then retry the operation. See the Provisioning Guide for the details of quick formatting.	W
03005	065695	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03005	065717	The specified volumes contain volumes that cannot be formatted.	Select only the volumes that can be formatted and format the volumes.	W
03005	065740	The configuration changing processes are conflicting at DKC.	Check if the configuration changing process by the Command Control Interface, the Volume Migration, or the Quick Restore is not in operation, and then retry the operation.	W
03005	065767	The specified volumes contain a quorum disk.	Verify the specified volumes.	W
03005	065790	The specified volume includes a remote command device being used by a mirror of the journal group.	Release the quorum disk, and then retry the operation.	W
03005	068722	The specified volume is not a Dynamic Provisioning volume.	Specify a different volume.	W
03005	068723	An internal logic contradiction occurred on the DKC side.	Call the Support Center.	E
03005	068724	Shared memory is not installed.	Install the shared memory.	W
03005	068725	The shared memory for the V-VOL management area is insufficient.	Delete the unnecessary Dynamic Provisioning pools (DP pools) and Dynamic Provisioning volumes (DP-VOLs), and then retry the operation. If this problem persists, call the Support Center.	W
03005	068726	The capacity of Dynamic Provisioning volume (DP-VOL) is insufficient.	Check volume capacity for the DP-VOL.	W
03005	068727	Shared memory is being initialized.	Wait for a while, and then retry the operation.	W
03005	068728	The pool is in an abnormal state.	Recover the pool, then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03005	068729	LDEV format is being executed in the specified volume.	Retry the operation after the formatting operation has completed.	W
03005	068736	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03005	068748	The number of Dynamic Provisioning volumes that can be associated with a single pool exceeds the maximum.	Verify the current configuration of association.	W
03005	068751	The storage system is releasing the association internally.	Wait for a while, and then retry the operation.	W
03005	068761	An error occurred on the DKC side.	If this problem persists, please call the Support Center.	E
03005	068785	A parity group that is not mounted is included in the specified parity groups.	Specify a different parity groups.	W
03005	068786	A parity group that is not blocked is included in the specified parity groups.	Check the status of the specified parity groups.	W
03005	068797	The pool cannot be restored because pools are not restored when: • The restore processing is taking time because there are blocked parts on the storage system. • One or more pool volume is blocked.	Wait for a while, click [Refresh] or [Refresh All] on the [File] menu of the Storage Navigator window, and then verify the pool status on the pool window. If this problem persists, call the Support Center.	W
03005	068798	Failed to delete the pool. A pool cannot be deleted when: • The V-VOL management area is not initialized. • The V-VOL management area is not installed. • A Thin Image pair still remains in the pool. • A P-VOL still remains in the pool. • A Pool-VOL in the pool is blocked. • The process to delete a Dynamic Provisioning volume is in operation.	If the pool cannot be deleted, do the following. • Check the installation status of the V-VOL management area when the V-VOL management area is not initialized. • Check the installation status of the V-VOL management area when the V-VOL management area is not installed. • Delete the Thin Image pair if it still remains in the pool. • Delete the Thin Image pair if the P-VOL still remains in the pool. • Restore the status of Pool-VOLs in the pool when the pool is blocked, and then retry the operation. • Update the display content and confirm that the usage rate of the	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			pool is zero, and then retry the operation.	
03005	068799	Failed to change the threshold of the pool. The threshold of the pool cannot be changed when: • the threshold is set below the usage rate of the pool. • the pool is shrinking. • the Pool-VOL in the pool is blocked.	When the pool threshold cannot be changed, do the following: • Update the display content and confirm the usage rate of the pool. • Wait for shrinking the pool to end if it is shrinking. Then retry the operation. • Check the status of the Pool-VOL in the pool and restore it if it is blocked. Then retry the operation.	W
03005	068818	The pool is blocked.	Recover the pool, then retry the operation.	W
03005	068819	The specified volume cannot be processed because it is blocked.	Recover the volume, then retry the operation.	W
03005	068820	The specified volume cannot be processed, because it is not associated with a pool.	Associate the volume with a pool, then retry the operation. If this problem persists, please call the Support Center.	E
03005	068821	The specified volume is currently used by ShadowImage.	Wait until the processing of ShadowImage is complete, and then retry the operation. If this problem persists, call the Support Center.	E
03005	068822	The specified volume is currently used by Thin Image.	Wait until the processing of Thin Image is complete, and then retry the operation. If this problem persists, call the Support Center.	E
03005	068823	The specified volume is currently used by Volume Migration or nondisruptive migration.	Release the Volume Migration or nondisruptive migration setting, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03005	068824	The specified volume is currently used by TrueCopy.	Wait until the processing of TrueCopy is complete, and then retry the operation. If this problem persists, call the Support Center.	E
03005	068825	The specified volume is currently used by Universal Replicator.	Wait until the processing of Universal Replicator is complete, and then retry the operation. If this problem persists, call the Support Center.	E
03005	068884	The specified volumes contain a quorum disk.	Release the quorum disk, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03005	068885	The specified volumes contain a global-active device pair volume.	Delete the global-active device pair, and then retry the operation.	W
03005	068886	The specified volumes contain a global-active device pair volume.	Delete the global-active device pair, and then retry the operation.	W
03005	068892	The item to be formatted includes a Dynamic Provisioning volume (DP-VOL). However, the DP-VOL cannot be formatted because there is a pool that has been blocked.	Restore the pool that has been blocked by the Dynamic Provisioning function.	W
03005	068898	The zero page reclaiming is disabled on the storage system.	Call the Support Center.	E
03005	075015	The specified LDEV belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified LDEV.	W
03005	075042	The operation cannot be performed because the specified volume is used as an external volume that is mapped for the online data migration.	Specify a volume other than the external volume mapped for the online data migration, and then retry the operation.	W
03005	075046	The specified volume is invalid.	Verify the setting of LDKC, CU, and LDEV.	W
03005	075047	The number of the specified page ranges is invalid.	Verify the specified page ranges.	W
03005	075048	The number of pages is invalid.	Verify the total length of each specified page range.	W
03005	076509	The specified LDEV or parity group belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified LDEV or parity group.	W
03005	076517	The specified operation cannot be performed because there is an LDEV that has been set to a different resource group.	Select an LDEV allocated to the same resource group.	W
03005	078005	The specified operation cannot be executed, because the LDEV capacity exceeds the maximum reserved pool capacity.	Check the specified LDEV capacity, then retry the operation.	W
03005	078006	The specified LDEV capacity is invalid.	Check the specified LDEV capacity, and then retry the operation.	W
03005	078007	Failed to expand the V-VOLs, because it took time for the processing.	Retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03005	078008	The specified LDEV capacity exceeds the threshold.	Check the specified LDEV capacity, then retry the operation.	W
03005	078009	You cannot expand the V-VOLs for the volumes that are being used in the following program products: • ShadowImage • Thin Image • Volume Migration • TrueCopy • Universal Replicator • Global-active device	Change the setting not to use the volumes of the following program products as a target of expanding V-VOL, and then retry the operation. • ShadowImage • Thin Image • Volume Migration • TrueCopy • Universal Replicator • Global-active device	W
03005	078010	The specified operation cannot be executed, because the maximum reserved pool capacity is incorrect.	Check the maximum reserved pool capacity, then retry the operation.	W
03005	078011	The specified operation cannot be executed, because the pool status is invalid.	Check the pool status.	W
03005	078012	The specified operation cannot be executed, because the threshold of the pool exceeds the maximum.	Check the threshold of the pool, then retry the operation.	W
03005	078013	The specified operation cannot be executed, because it exceeds the maximum reserved pool capacity.	Check the maximum reserved pool capacity, then retry the operation.	W
03005	078014	The operation cannot be performed because the specified logical volume is a quorum disk.	Verify the specified logical volume, and then retry the operation.	W
03005	078015	The operation cannot be executed, because RAID levels of the specified logical volumes do not match.	Check the specified logical volume, then retry the operation.	W
03005	078016	The operation cannot be executed, because a blocked pool volume exists in the pool to which the specified logical volume is to be added.	Release the blocked status of the pool volume in the pool, then retry the operation.	W
03005	078017	The operation cannot be executed, because the specified logical volume is the top pool volume.	Check the specified logical volume, then retry the operation.	W
03005	078018	The operation cannot be executed, because the number of tiers of the specified logical volume is incorrect.	Check the specified logical volume, then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03005	078019	The operation cannot be performed because Dynamic Tiering is disabled for the pool associated with the specified DP-VOLs.	Verify the setting for the pool associated with the specified DP-VOLs.	W
03005	078020	The operation cannot be performed because the available period to stop shrinking pools has passed.	Verify the pool status.	W
03005	078027	The frequency distribution data cannot be obtained because it is not complete.	Wait for a while, then retry the operation.	W
03005	078028	The frequency distribution data cannot be obtained. There is no monitoring information of the specified pool or DP-VOL.	Collect the information, and then retry the operation.	W
03005	078029	The frequency distribution data cannot be obtained. There is no monitoring information of the specified DP-VOL because it is created after collecting monitoring information of a pool.	Collect the information, and then retry the operation.	W
03005	078030	The frequency distribution data cannot be obtained. There is no monitoring information of the specified DP-VOL because one of the following is performed: • Quick Restore of ShadowImage • Volume Migration • Initial copy of True Copy • Initial copy of global-active device	Collect the information, and then retry the operation.	W
03005	078031	The specified MP Unit has been blocked.	Recover the blocked MP Unit, and then specify the unit again.	W
03005	078032	The selected MP unit is not mounted.	Specify a different MP Unit.	W
03005	078034	The specified POOL ID or the LDEV ID does not exist.	Click [Refresh], then check the configuration information again.	W
03005	078035	The frequency distribution data cannot be obtained. There is no monitoring information of the specified DP-VOL because the shared memory for collecting monitoring information is depleted.	Verify the total capacity of Dynamic Provisioning volumes, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03005	078036	The specified operation cannot be performed due to the following reasons: • The specified logical volume is not blocked.	Check the specified logical volume status.	W
03005	078037	The pool is blocked.	Recover the pool.	W
03005	078038	Dynamic Tiering is disabled for the specified pool or a pool associated with the specified DP-VOL.	Verify the pool setting.	W
03005	078039	The DKC is set to the state of suppression of pool shrinking.	Contact the Hitachi Data Systems Support Center.	E
03005	078040	The DKC is set to the state of suppression of tier relocation starting.	Please call the Support Center.	E
03005	078041	The operation cannot be executed because the specified pool is now in zero page reclaiming process.	Wait until the zero pages are reclaimed, and then retry, or cancel the operation.	W
03005	078042	The operation cannot be executed because the pool where the Dynamic Provisioning Volume belongs to is now in pool shrinking or tier relocation process.	Wait until the pool is shrunk or the tier is relocated, or abort it.	W
03005	078043	The operation cannot be executed because the specified pool has following problems. • The pool usage exceeds the threshold. • The pool status is invalid.	Verify the following items, and then retry the operation. • The threshold value of the pool. • The pool status.	E
03005	078044	The operation cannot be executed because the specified pool has one of the following problems. • The status of the specified Pool-VOL is not normal. • The I/O load of the DP-VOL associated with the specified pool is high.	Take any of the following actions, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center. • Restore the pool volume to the normal status. • Reduce the I/O load of the DP-VOL.	E
03005	078045	The operation cannot be performed because the DP-VOL or the Thin Image pair of the specified pool has one of the following problems. • The DP-VOL is blocked.	Verify the status of the DP-VOL or the Thin Image pair, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• The DP-VOL is being formatted. • The Thin Image pair is being deleted.		
03005	078046	The storage system requires maintenance (the cache memory is blocked, or the pool is in the pool shrinking suppression status.)	Call the Support Center.	E
03005	078047	A sufficient Cache Control Device cannot be allocated to the target volume.	Delete unnecessary volumes, then retry the operation. If this problem persists, please call the Support Center.	W
03005	078048	The pool shrinking was aborted because the operation to stop pool shrinking was executed.	Check the pool status.	W
03005	078049	The operation cannot be executed because the storage system is in the process of shutting down.	Power on the storage system, then retry the operation.	W
03005	078052	The operation cannot be executed because the specified pool is in the process of pool shrinking.	Wait until the pool is shrunk, or stop the operation.	W
03005	078053	The operation failed because the specified resource was not installed.	Check if the specified resource is installed or not.	W
03005	078054	The operation failed because the specified name was already registered.	Change the name to another one, then retry the operation.	W
03005	078059	A pool volume cannot be set to the specified pool because the number of drive types exceeds the supported number.	Check the number of the supported drive types, then retry the operation.	W
03005	078060	The multi tier pool cannot be disabled because the RAID level of each tier is different.	Check the configuration of the supported RAID levels, then retry the operation.	W
03005	078061	Failed to delete the pool. Pools cannot be deleted when they are in the following status: • Deleting a pair of Thin Image is in progress. • Deleting a volume of Dynamic Provisioning is in progress.	Wait until the processing is complete, and then retry the operation.	W
03005	078062	Failed to delete the pool. Pools cannot be deleted when they are in the following status:	Delete the following pairs or volumes if any, and then retry the operation. • Thin Image pairs	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• Pairs of Thin Image are remaining. • Volumes of Dynamic Provisioning are remaining.	• Dynamic Provisioning volumes	
03005	078063	The pool cannot be deleted because pools are not deleted when any pool volume of the specified pool is being formatted.	Wait until the formatting is complete, and then retry the operation.	W
03005	078064	Failed to delete the pool volume because the specified pool volume had one of the following problems. • It is not a pool volume. • The pool volume is not set to the specified pool.	Specify a pool volume, or, specify a pool volume that is set to the specified pool, then retry the operation.	W
03005	078065	The LDEV ID of the specified pool volume is invalid.	Specify a different LDEV ID.	W
03005	078067	The maintenance operation cannot be performed on the specified DP-VOLs because the DP-VOLs include blocked pool volumes.	Restore the blocked pool VOLs.	W
03005	078075	The software does not support the specified operation.	Call the Support Center.	E
03005	078076	The operation cannot be done because the specified V-VOL is online from an EAV unsupported OS.	Set the specified LDEV to OFFLINE.	W
03005	078107	An internal volume and an external volume cannot be set as pool VOLs in the specified pool.	Verify the pool VOLs to be set in the specified pool.	W
03005	078111	External volumes with mixed cache mode setting, enabled and disabled, cannot be used as pool volumes in an HDP pool.	Verify the cache mode of the subject external volumes.	W
03005	078112	External volumes with cache mode disabled cannot be specified as pool volumes for the pool.	Verify the cache mode of the subject external volumes.	W
03005	078113	The pools cannot be initialized due to one of the following reasons: • The DP-VOL is used by a different program product.	Perform all of the following tasks, and then retry the operation. • Release all settings of DP-VOL in the different program product. • Release all Thin Image pairs.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• There is a Thin Image pair on the storage system.		
03005	078114	The operation failed, because the start of tier relocation operation was specified for a pool in tier relocation operation, or the stop of tier relocation operation was specified for a pool not in tier relocation operation.	Check the status of the pool, then retry the operation.	W
03005	078115	The operation cannot be done because the specified pool is using monitoring information for the tier relocation.	Wait until the tier relocation is complete or stop the tier relocation processing, and then retry the operation.	W
03005	078116	The processing cannot continue due to an internal logical contradiction.	If the same problem persists despite retrying, please call the Support Center.	E
03005	078134	All the pool volumes cannot be deleted at the same time.	If you want to delete pool volumes, leave at least one or more pool volumes.	W
03005	078136	The specified LDEV cannot be set as a pool volume because it is used as an external volume that is mapped for the online data migration.	Specify a volume other than the external volume mapped for the online data migration for the pool volume, and then retry the operation.	W
03005	078192	The setting value of Dynamic Tiering is not valid.	Select a valid value for Dynamic Tiering, and then retry the operation.	W
03005	078193	The execution mode cannot be changed because the storage system is preparing to execute performance monitoring.	Wait for a while, and then retry the operation.	W
03005	078197	The operation cannot be performed because the additional shared memory is being installed.	Wait until the installation of additional shared memory is complete, and then retry the operation.	W
03005	078198	The specified page range is invalid.	Specify the start page number and the length of the page range within an available page range of the specified volume.	W
03005	078199	The specified page tiering level of the tiering policy is invalid.	Verify the specified page tiering level.	W
03005	078200	The processing of the subject page failed because an error occurs in a different page processing.	Retry the operation after recovering from the error.	W
03005	078264	The operation cannot be performed because monitoring information is being changed.	Wait for a while, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03005	078266	The specified pool is not a Dynamic Provisioning pool.	Verify the setting of the specified pool.	W
03005	078267	The specified volume is an internal volume.	Select a different volume.	W
03005	078268	The operation cannot be performed due to one of the following reasons: • The specified volume is not a pool volume. • The specified pool volume is not set to the specified pool.	Specify a pool volume, or specify a pool volume that is set to the specified pool, and then retry the operation.	W
03005	078269	The specified pool ID is invalid.	Verify the specified pool ID, and then retry the operation.	W
03005	078283	The tiering policy ID or the threshold value is invalid.	Verify the tiering policy ID or the threshold value, and then retry the operation.	W
03005	078284	The specified volume cannot be set as a Pool-VOL because the volume capacity does not satisfy the requirements for the Pool-VOL.	Select a volume that satisfies the requirements for the Pool-VOL.	W
03005	078286	The storage system configuration does not comply with the tiering policy.	Add some pool volumes to have the configuration comply with the tiering policy, or change the set tiering policy.	W
03005	078287	The number of the specified tiering policies is invalid.	Verify the number of the specified tiering policies, and then retry the operation.	W
03005	078288	The specified tiering policies cannot be changed because the current DKCMAIN microcode version does not support the setting for the tiering policy name and for values of Tier 1 and Tier 3 in 1% increments.	Contact the Hitachi Data Systems Support Center to update the DKCMAIN microcode. If not updating the DKCMAIN microcode, follow the directions below. • Do not change the tiering policy name. • Specify values of Tier 1 and Tier 3 in 10% increments.	W
03005	078295	The operation failed because the required capacity of cache control device cannot be allocated.	See the troubleshooting section in the *Thin Image User Guide* and reserve the cache control device required for the creation of Thin Image pools. If the required capacity of cache control device is already reserved, call the Support Center.	W
03005	078296	A Thin Image pool cannot be created because there are not enough resources depending on cache management devices.	Delete resources requiring cache management (external volumes, virtual volumes, and P-VOLs of Thin Image pairs) so that the total number of resources is less than or equal to	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			55,040, and then retry the operation. If this problem persists, call the Support Center.	
03005	078305	The operation cannot be performed because the pool volume with a system area is blocked.	Restore the blocked status of the pool volume with a system area, and then retry the operation.	W
03005	087777	The operation cannot be performed because a resource group is not locked.	If the same problem persists despite retrying, please call the Support Center.	E
03005	106105	The operation cannot be executed because the specified pool has no monitoring data.	Check the status of the pool, and then retry the operation.	W
03005	106107	The operation cannot be executed because there is only one tier in the specified pool.	Check the configuration of tier in the pool.	W
03005	107100	This function cannot be used because the encryption function is not supported.	Mount the encryption DKA.	E
03005	107101	The specified operation cannot be performed because the SAS controller is blocked.	Contact the Hitachi Data Systems Support Center to restore the blocked status of the SAS controller, and then retry the operation.	E
03005	107102	The encryption environmental settings are performed repeatedly.	Verify the settings.	W
03005	107103	This function is not available. Encryption License Key is required.	Install the required program product.	W
03005	108100	A parameter error occurred on the storage system.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
03005	108102	The number of created keys exceeds the maximum.	Verify the setting.	W
03005	108103	The key cannot be deleted.	Specify a free key.	W
03005	108104	There are not enough free keys.	Create free keys.	W
03005	108106	Some blocked parts exist because an error occurred on the DKC side.	Contact the Hitachi Data Systems Support Center to have the blockage restored.	E
03005	108107	Some blocked parts exist because an error occurred on the DKC side.	Contact the Hitachi Data Systems Support Center to have the blockage restored.	E
03005	108108	An error occurred on the DKC side. A parity group that is not blocked is included in the specified parity groups.	Block all of the specified parity groups, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03005	108109	An error occurred on the DKC side. The encryption environmental settings cannot be initialized because there is an encrypted parity group.	Disable the encryption settings for the parity group, and then retry the operation.	W
03005	108110	An error occurred on the DKC side during the encryption environmental settings.	Initialize the encryption environmental settings, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
03005	108111	Some blocked parts exist because an error occurred on the DKC side during the encryption environmental settings.	Contact the Hitachi Data Systems Support Center to have the blockage restored. After that initialize the encryption environmental settings, and then retry the operation.	W
03005	108112	The specified operation cannot be performed because the SAS controller is blocked.	Contact the Hitachi Data Systems Support Center to have the blockage restored. After that initialize the encryption environmental settings, and then retry the operation.	E
03005	108113	An error occurred during Storage Navigator processing.	Initialize the encryption environmental settings, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03005	202001	The LDEV cannot be formatted because one of the following maintenance operations is in progress. • LDEV formatting • Correction copy • Drive copy • CHB status change • Cache status change • PCIe channel board status change • OEM Drive microcode replacement • LDEV Shredding	Wait for a while, and then retry the operation.	W
03005	202002	The LDEV cannot be restored because one of the following maintenance operations is in progress. • LDEV formatting • Correction copy • Drive copy • CHB status change • Cache status change	Wait for a while, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• PCIe channel board status change • OEM Drive microcode replacement • LDEV Shredding		
03005	202003	The LDEVs cannot be formatted because Verify LDEVs is in process.	Wait for a while, and then retry the operation. If the problem persists, contact the Hitachi Data Systems Support Center.	W
03005	202004	The LDEVs cannot be restored because Verify LDEVs is in process.	Wait for a while, and then retry the operation. If the problem persists, contact the Hitachi Data Systems Support Center.	W
03005	202005	The LDEV cannot be formatted because the storage system is in the state where a maintenance operation is required (such as blockage or shared memory inconsistency).	Restore the storage system referring to the manual, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03005	202006	The LDEV cannot be restored because the storage system is in the state where a maintenance operation is required (such as blockage or shared memory inconsistency).	Restore the storage system referring to the manual, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03005	206000	A file open error has occurred.	If the same error occurs despite retrying, please call the Support Center.	E
03005	206001	A file access error has occurred.	If the same error occurs despite retrying, please call the Support Center.	E
03005	208000	An invalid relocation speed was specified.	Specify a supported relocation speed, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
03005	208001	The tier with heavy I/O load exists in the monitoring pool.	Verify the device configuration of the storage system.	W
03005	208002	The zero page reclamation cannot be performed because the specified Dynamic Provisioning volume is used as a journal volume.	Release the journal volume setting.	W
03005	208003	The capacity of the specified Dynamic Provisioning volume cannot be expanded because the configuration of journal volume is changing.	Wait until the configuration change is complete, and then retry the operation.	W
03005	208004	The encryption cannot be enabled on the specified parity	Disable the accelerated compression, and then enable the encryption.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		groups because the accelerated compression is enabled.		
03005	208006	To use a pool with the Dynamic Tiering function enabled, it is required to install the additional shared memory.	Install shared memory.	W
03005	208007	The specified operation cannot be performed because Verify LDEVs is in process.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
03005	208021	The operation cannot be performed because a Dynamic Provisioning volume exists in the specified pool.	Specify a different pool, or delete the Dynamic Provisioning volume, and then retry the operation.	W
03005	208022	The operation cannot be performed because the pool does not have enough free space for Data Direct Mapping.	Add a volume whose attribute is not Data Direct Mapped to the pool, and then retry the operation.	W
03005	208023	The specified volume cannot be added to any pool other than Dynamic Provisioning pools because its attribute is Data Direct Mapped .	Specify a volume whose attribute is not Data Direct Mapped.	W
03005	208024	The emulation type of the specified volume is not OPEN-V.	Specify a volume whose emulation type is OPEN-V.	W
03005	208025	A pool with Data Direct Mapping enabled cannot be created because all of the selected volumes have the Data Direct Mapped attribute.	Select at least one volume whose attribute is not Data Direct Mapped.	W
03005	208026	The operation cannot be performed because the attribute of the specified volume is Data Direct Mapped.	Verify the attribute of the specified volume.	W
03005	208027	The operation cannot be performed because the specified pools have volumes with the Data Direct Mapped attribute.	Specify different pools or delete volumes with the Data Direct Mapped attribute, and then retry the operation.	W
03005	208028	Data Direct Mapping cannot be enabled because the value of Warning Threshold or Depletion Threshold is not set to 100.	Set the value of Warning Threshold or Depletion Threshold to 100.	W
03005	208029	The values of Warning Threshold and Depletion Threshold cannot be changed on the specified pool with the Date Direct Mapped attribute.	Disable Data Direct Mapping, and then retry the operation.	W
03005	208030	The tiering policy name contains characters that are not valid.	Enter a tiering policy name without using symbols (; * ? " < > |) and	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			placing spaces at the start and end of the name.	
03005	208040	The specified volume is currently used by global-active device.	Release the global-active device setting, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
03005	208041	Quick Format cannot be performed because the selected parity groups contain pool volumes.	Select Normal Format.	W
03005	208050	The interruption process cannot be done because the formatting was completed.	Click [OK].	W
03005	208061	The following cannot be set for the specified pool because it is not a DP pool of an open system: • Protect V-VOLs when I/O fails to Blocked Pool VOL • Protect V-VOLs when I/O fails to Full Pool	Verify the requirements to set the following: • Protect V-VOLs when I/O fails to Blocked Pool VOL • Protect V-VOLs when I/O fails to Full Pool	W
03005	208062	The following cannot be set for a pool because Data Retention Utility is not installed: • Protect V-VOLs when I/O fails to Blocked Pool VOL • Protect V-VOLs when I/O fails to Full Pool	Verify the requirements to set the following: • Protect V-VOLs when I/O fails to Blocked Pool VOL • Protect V-VOLs when I/O fails to Full Pool	W
03005	208110	The specified volume cannot be set as a pool volume because the RAID level is not supported.	Verify the requirements for the pool volume.	W
03005	208115	Page Reservation cannot be enabled for some DP-VOLs.	To enable Page Reservation, set the ratio of the pool capacity to the total of the used and reserved capacities lower than the depletion threshold.	W
03005	208116	The setting processing of Page Reservation has not been performed because an error occurred during the processing.	Verify the settings of Page Reservation. To enable Page Reservation, set the ratio of the pool capacity to the total of the used and reserved capacities lower than the depletion threshold.	W
03005	208117	Full Allocation cannot be enabled for the specified DP-VOL because the pool is in shrinking operation.	Wait until the shrinking operation is complete, and then retry the operation.	W
03005	208118	Full Allocation cannot be enabled for the specified DP-VOL because the emulation type is not supported.	Verify the emulation type.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03005	208121	The operation cannot be performed because the specified LDEV contains a journal volume.	Delete all pairs belonging to the journal volume, delete the journal, and then retry the operation.	W
03005	208122	The operation cannot be performed because the specified LDEV contains a pool volume of Thin Image.	Delete all pairs belonging to the pool volume of Thin Image, delete the pool, and then retry the operation.	W
03005	208123	The operation cannot be performed because a DP-VOL that is not blocked is included in the DP-VOLs associated with the pool to which the pool volume in the specified LDEV belongs.	Block all of the DP-VOLs associated with the pool to which the pool volume belongs.	W
03005	208127	The specified operation cannot be performed because parity group formatting has not been performed on the target parity groups.	Perform parity group formatting on the target parity groups.	E
03005	208128	The operation cannot be performed because the installed firmware does not support active flash.	Update the firmware to a version that supports active flash.	W
03005	208129	Active flash cannot be enabled because the pool volume does not contain an LDEV whose drive type is SSD.	Contain at least one LDEV whose drive type is SSD as a pool volume in the pool.	W
03005	208130	The specified LDEVs cannot be deleted from the DT (Active Flash) pool that requires to contain at least one LDEV as a pool volume whose drive type is SSD.	Leave at least one LDEV whose drive type is SSD in the pool.	W
03005	208131	Quick Format cannot be performed because the specified volumes contain volumes that belong to parity groups with accelerated compression enabled.	Perform Normal Format for the volumes that belong to parity groups with accelerated compression enabled.	E
03005	208153	The specified LDEV cannot be operated because LUN paths are set to host groups on which Host Mode Option 97 is enabled.	Disable Host Mode Option 97 on the host groups from which the LUN path is set to the specified LDEV, or delete the LUN path to the specified LDEV from the host groups on which Host Mode Option 97 is enabled.	W
03005	208154	LDEVs that belong to a parity group with accelerated compression enabled cannot be added because the specified pool contains DP-VOLs with Page Allocation enabled.	Specify LDEVs that belong to a parity group with accelerated compression disabled.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03005	208155	No pool can be created or expanded because the specified LDEVs belong to a parity group that is used by a different pool and is in accelerated compression.	Perform one of the following actions: • Specify LDEVs that belong to a parity group that is used by no pool and is in accelerated compression. • Specify LDEVs that belong to a parity group with accelerated compression disabled.	W
03005	208156	Page Allocation cannot be enabled because a pool to which the specified DP-VOLs belong contains pool volumes with accelerated compression enabled.	Delete pool volumes with accelerated compression enabled, and then retry the operation.	W
03005	208200	The operation cannot be performed because the storage system is in internal process, or the configuration is being changed by a different operation.	Wait for a while, and then retry the operation.	W
03005	208300	The operation cannot be performed, because deduplication system data volumes are specified.	Specify volumes that are not deduplication system data volumes.	W
03005	208315	The operation cannot be performed, because deduplication system data volumes are allocated to the specified pools.	Release the allocations of the deduplication system data volumes to the specified pools, and then retry the operation.	W
03005	208376	The LDEV cannot be formatted, because the specified deduplication system data volume is not blocked.	Block the deduplication system data volume, and then retry the operation.	W
03005	208377	Multiple deduplication system data volumes cannot be formatted at the same time.	Verify the specified LDEVs.	W
03005	208378	LDEV formatting cannot be performed for the specified DP-VOLs whose capacity saving setting is enabled, because the deduplication system data volumes for the pools with which the specified DP-VOLs are associated are blocked.	Block DP-VOLs, and then retry the operation.	W
03005	208379	The LDEVs cannot be formatted, because both deduplication system data volumes and LDEVs that are not deduplication system data volumes are specified.	Verify the specified LDEVs.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03005	208380	LDEV formatting cannot be performed for the specified DP-VOLs whose capacity saving setting is Deduplication and Compression, because the deduplication system data volumes for the pools with which the specified DP-VOLs are associated are blocked.	Restore the deduplication system data volume, and then retry the operation.	W
03005	208381	The specified LDEVs cannot be formatted, because the capacity saving status of at least one LDEV is "Failed".	Verify the capacity saving status of LDEVs and then retry the operation.	W
03005	208382	The specified LDEVs cannot be shredded, because the capacity saving setting is enabled for some of the LDEVs.	Select different LDEVs.	W
03005	208383	The LDEVs cannot be shredded, because deduplication system data volumes are specified.	Select different LDEVs.	W
03005	208384	Zero pages cannot be reclaimed, because deduplication system data volumes are specified.	Select different LDEVs.	W
03005	208385	Full Allocation cannot be enabled, because LDEVs for which the capacity saving setting is enabled are specified.	Select different LDEVs.	W
03005	208386	Full Allocation cannot be enabled, because deduplication system data volumes are specified.	Select different LDEVs.	W
03005	208401	The deduplication system data volume cannot be formatted, because the following volumes that are associated with the same pool are not blocked: • The deduplication system data volume • DP-VOLs for which the capacity saving setting is set to Deduplication and Compression	Block all of the following volumes that are associated with the same pool, and then retry the operation: • The deduplication system data volume • DP-VOLs for which the capacity saving setting is set to Deduplication and Compression	W
03005	208402	Shared memory is being initialized.	Wait for a while, and then retry the operation. If the problem persists, contact the Hitachi Data Systems Support Center.	W
03005	208403	The deduplication system data volume cannot be formatted, because some of the following	Remove the settings of program products, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		program products are using the DP-VOLs that are associated with the same pool as the deduplication system data volume and for which the capacity saving setting is set to Deduplication and Compression: • ShadowImage • Thin Image • Volume Migration • TrueCopy • Universal Replicator • Global-active device		
03005	208404	The multi-tier pool setting cannot be enabled for a Dynamic Provisioning pool with which a deduplication system data volume is associated.	Select a different pool.	W
03005	208405	The multi-tier pool setting cannot be enabled for a Dynamic Provisioning pool with which DP-VOLs for which the capacity saving setting is enabled are associated.	Select a different pool.	W
03005	208410	The operation cannot be performed, because a deduplication system data volume is allocated to the specified pool.	Deallocate the deduplication system data volume, and then retry the operation.	W
03005	208411	The operation cannot be performed, because the specified pool is associated with LDEVs whose capacity saving setting is Compression.	Change the capacity saving setting to Disabled, and then retry the operation.	W

Part code 03022

Table 5-2 Error codes (part code 03022)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03022	105132	Short of *xxx* LDEV ID(s).	Check the settings.	W
03022	105133	The processing cannot continue due to an internal logic contradiction.	Execute refresh.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03022	105134	The specified LDEV does not exist in the configuration.	Execute refresh.	E
03022	105135	The selected LDEV has an LUN path setting.	Check the settings.	W
03022	105136	The specified LDEV is a pool volume.	Check the settings.	W
03022	105137	The selected LDEV has an LDEV Security setting.	Check the settings.	W
03022	105140	The specified LDEV is a remote command device.	Check the settings.	W
03022	105141	The selected LDEV has been set as a journal volume.	Check the settings.	W
03022	105143	The selected LDEV has an access attribute setting.	Check the settings.	W
03022	105146	The target LDEV is not associated with a pool.	Refresh the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
03022	105147	The target LDEV is blocked.	Check the settings.	W
03022	105148	The combo box is not selected.	Check the settings.	W
03022	105149	An error occurred while accessing the user information.	Execute refresh.	E
03022	105150	Select a table.	Specify the subject to be operated.	W
03022	105151	The processing cannot continue due to an internal logic contradiction.	Execute refresh.	E
03022	105152	An LDEV in Normal or Quick Formatting status is selected.	Check the settings.	E
03022	105153	The specified value is outside the range.	Check the settings.	W
03022	105154	0 cannot be specified.	Check the settings.	W
03022	105155	A value other than the numerical value is specified.	Check the settings.	W
03022	105156	The processing cannot continue due to an internal logical contradiction.	Execute refresh.	W
03022	105159	Multiple rows are selected.	Check the settings.	W
03022	105161	LDEVs with different RAID levels are selected.	Check the settings.	W
03022	105162	LDEV names cannot be allocated to all the selected LDEVs with	Check the settings.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		the specified numerical value of the Initial Number.		
03022	105163	Insufficient free space to create LDEV.	Check the settings.	W
03022	105165	LDEVs with different RAID levels are selected.	Check the settings.	W
03022	105166	No more volumes can be created because the free space of the specified parity group is insufficient or the number of LDEVs that can be set has already reached the maximum.	Check the settings.	W
03022	105168	The selected parity group has no LDEV ID to specify.	Check the settings.	W
03022	105169	Data in the table is not selected.	Check the settings.	W
03022	105170	A different parity group is selected.	Check the settings.	W
03022	105171	The processing cannot continue due to an internal logic contradiction.	Execute refresh.	E
03022	105173	All the check boxes are being cleared.	Specify the subject to be changed with the check boxes.	W
03022	105174	The number of characters for the LDEV name exceeds the maximum (32 characters).	Check the settings.	W
03022	105175	An invalid character was specified in the LDEV name.	Check the settings.	W
03022	105176	A value other than the numerical value was entered in the initial number.	Check the settings.	W
03022	105177	The specified initial number exceeds nine digits.	Check the settings.	W
03022	105178	An unblocked LDEV is selected for the target LDEV to be operated.	Check the settings.	W
03022	105179	An LDEV in Normal or Quick Formatting status is selected.	Check the settings.	W
03022	105181	Quick formatting cannot be performed, because the number of parity groups exceeds the maximum.	See the Provisioning Guide for the details of quick formatting.	E
03022	105184	Quick formatting cannot be performed because the number of parity groups exceeds 72.	Check the settings.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03022	105185	Pools of different types are specified.	Check the settings.	W
03022	105186	No more V-VOLs can be added to the selected pool.	Check the settings.	W
03022	105187	A pool in the abnormal state is selected.	Check the settings.	W
03022	105188	There is no LDEV ID that can be set in the selected pool.	Check the settings.	W
03022	105189	An LDEV cannot be added because the free space in the selected pool is insufficient.	Check the specified value of the subscription limit, then retry the operation.	W
03022	105191	LDEV that has already been set has been selected.	Check the settings.	E
03022	105192	LDEV not set has been selected.	Check the settings.	E
03022	105193	The number of data patterns exceeds the setting range.	Check the settings.	W
03022	105194	An error occurred or an interruption request was made while formatting.	If the formatting is not interrupted, select [Refresh All] on the [File] menu to reacquire all information of the storage system, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03022	105195	An error occurred while preparing the quick format.	Refresh the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03022	105205	Any further, the Pool that selects it cannot set the volume.	Check the settings.	E
03022	105231	An error occurred in the shredding processing.	Refresh the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03022	105248	The processing cannot continue due to an internal logical contradiction.	Execute refresh.	E
03022	105249	The LDEV cannot be created in the parity group that is specified in Parity Group Selection because the parity group applies to either of the following: (1) There is not enough free space to create an LDEV or the number of LDEVs that are already created reaches the maximum in the parity group.	Check the settings.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		(2) An LDEV is already being created in the parity group.		
03022	105250	Two or more Basic exists together to External.	Check the settings.	E
03022	105259	There is no output file.	Please operate it again after executing Shredding.	E
03022	105263	An LDEV that the Snapshot is set has been selected.	Check the settings.	W
03022	105267	Volumes that can be shredded in the selected volumes will be displayed.	Click [OK] to shred.	i
03022	105270	The selected status will be canceled because the number of free spaces that exist in the selected parity group exceeds the number that can be set.	Select the free spaces again from the Select Free Space window.	W
03022	105271	The number of free spaces that exist in the selected parity group exceeds the number of volumes that can be set.	Select the free spaces again from the Select Free Space window.	W
03022	105272	Data Output cannot be set more than 3.	Check the settings.	W
03022	105273	The interruption process cannot be done because there is an unexecuted specified task.	Wait for a while, then retry the operation.	i
03022	105274	The interruption processing was completed.	The task status is changed. Close the window, then check the task status.	i
03022	105275	With the current setting, the number of parity groups exceeds the maximum for a quick formatting operation.	See the Provisioning Guide for the details of quick formatting.	i
03022	105280	This functionality is not available. Open Volume Management is required.	Check the settings.	W
03022	105281	There is no LDEV that can be formatted.	Check the settings.	E
03022	105299	The specified LDEV cannot be used because the user has no access right to a resource group to which the LDEV belongs.	Verify the resources allocation for the user with security administrator role.	W
03022	105300	The specified parity group cannot be used because the user has no access right to a resource group to which the parity group belongs.	Verify the resources allocation for the user with security administrator role.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03022	105301	The operation cannot be done because the parity group which belongs to a resource group to which the user has no access right includes the specified LDEV.	Verify the resources allocation for the user with security administrator role.	W
03022	105302	The operation cannot be done because the specified parity group contains the LDEV that belongs to a resource group to which the user has no access right.	Verify the resources allocation for the user with security administrator role.	W
03022	105308	The operation cannot be done because the specified DP-VOL is included in the pool that belongs to a resource group to which the user has no access right.	Verify the resources allocation for the user with security administrator role.	W
03022	105309	The specified pool cannot be used because the user has no access right to a resource group to which the pool belongs.	Verify the resources allocation for the user with security administrator role.	W
03022	105313	An LDEV cannot be created because the free space that is available to set has already been registered in the task.	Wait until the task is completed, and then retry the operation.	W
03022	105314	In the selected parity group, there is an area where LDEV cannot be made by default.	Select the free space again, and then create an LDEV.	W
03022	105436	The LDEV that is not in the state of Normal or Quick Formatting is chosen.	Check the settings.	W
03022	105437	The parity group to be operated contains LDEVs that are not blocked.	Check the settings.	W
03022	105438	The specified parity group contains a volume on which the access attribute is set.	Check the settings.	W
03022	105439	The parity group to be operated contains LDEVs where Pool-VOLs are set.	Check the settings.	W
03022	105440	The parity group to be operated contains LDEVs where journal volumes are set.	Check the settings.	W
03022	105445	The selected LDEV is an external volume that is mapped for online data migration.	Select a different LDEV.	W
03022	105446	The selected parity group contains an external volume that	Select a different parity group.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		is mapped for online data migration.		
03022	105447	The specified capacity is larger than the selected free area.	Enter a value within the displayed range.	W
03022	105448	No more LDEVs can be created because the selected free area is too small.	Select a different free area.	W
03022	105449	No more LDEVs can be created.	Verify the device configuration of the storage system.	W
03022	105450	A parity group in which no more LDEVs can be created is included in the selected free area.	Verify the device configuration of the storage system.	W
03022	105451	There are no usable LDEV IDs.	Verify the LDEV ID allocation status. Provide usable LDEV IDs if needed.	W
03022	105452	The number of virtual volumes that can be registered in the storage system has reached the maximum.	Verify the device configuration of the storage system.	W
03022	105453	There are not enough usable LDEV IDs in the selected free area.	Decrease the number of the selected free areas or provide the number of usable LDEV IDs.	W
03022	105454	LDEVs cannot be created in all the free areas.	Decrease the number of the selected free areas.	W
03022	105455	LDEVs cannot be created because there is not enough free area in the pool.	Increase the free area of the pool.	W
03022	105456	No more LDEVs can be created in the selected area.	Select a different area.	W
03022	105458	A volume for which the tier relocation is disabled is included.	Enable the tier relocation setting for the volume, or select a different volume for which the setting is enabled.	W
03022	105459	A radio button is not selected.	Check the settings.	W
03022	107002	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
03022	205014	A parity group to be operated contains LDEVs that are remote command devices.	Select a different parity group.	W
03022	205015	A parity group to be operated contains LDEVs that are not in Normal or Quick Formatting status.	Select a different parity group.	W
03022	205016	No LDEVs that can be shredded.	Select a different parity group.	W
03022	205017	No LDEVs that can be restored.	Select a different parity group.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03022	205018	No LDEVs that can be blocked.	Select a different parity group.	W
03022	205068	A LUN path cannot be added because models and serial numbers of different virtual storage machines coexist.	Create an LDEV by using virtual storage machines with the same model and serial number.	W
03022	205071	Quick formatting will have an impact on the host I/O performance. Do you want to continue this operation?	See the Provisioning Guide for the details of quick formatting.	W
03022	205094	A pool volume belongs to the parity group to be formatted.	Wait until the formatting operation is complete, and then format the DP-VOL associated with the pool in which the pool volume is registered.	W
03022	205095	The volume to be formatted contains a pool volume.	Wait until the formatting operation is complete, and then format the DP-VOL associated with the pool in which the pool volume is registered.	W
03022	205096	The volume to be restored contains a virtual volume (DP-VOL).	If the pool volume registered in the pool that is associated with the virtual volume (DP-VOL) has been formatted, perform LDEV formatting because the I/O operation of the specified volume cannot be performed.	W
03022	205101	The specified operation cannot be performed because formatting is not in process.	Verify the status of the formatting.	W
03022	205102	The specified operation cannot be performed because shredding is not in process.	Verify the status of the shredding.	W
03022	205103	No LDEVs for force restoration in the selected parity groups.	Select a different parity group.	W
03022	205122	The specified parity group contains a volume on which the access attribute is set.	Select a different parity group.	W
03022	205123	An error occurred during communication with the storage system. The displayed resource information may not be the latest.	Refresh the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03022	205124	The operation cannot be performed because the selected parity group has no LDEV.	Select a different parity group.	W
03022	205125	The operation cannot be performed because External is selected.	Select other than External.	E
03022	205126	No LDEVs for verification in the selected parity groups.	Select a different parity group.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03022	205127	17 or more table rows are selected.	Select 16 or less table rows.	W
03022	205128	The selected parity groups include volumes that are not normal volumes.	Select parity groups that contain only normal volumes.	W
03022	205129	The selected volume is not a normal volume.	Select a normal volume.	W
03022	205130	The selected parity groups do not contain LDEVs that are in the Normal or Quick Formatting status.	Select parity groups that contain LDEVs in the Normal or Quick Formatting status.	W
03022	205131	The selected parity groups contain LDEVs that are in neither the Normal nor Quick Formatting status, and these LDEVs will not be verified.	To verify these LDEVs, change their statuses.	W
03022	205139	The selected parity group contains a blocked volume.	Select a different parity group.	W
03022	205146	The LDEV cannot be created in the parity group that is specified in Parity Group Selection because the parity group applies to either of the following: (1) There is not enough free space to create an LDEV or the number of LDEVs that are already created reaches the maximum in the parity group. (2) An LDEV is already being created in the parity group.	(1) Take either of the following actions, and then retry the operation. • Delete LDEVs in the parity group. • Select a different free space. (2) Wait until the current LDEV creation is complete, and then retry the operation.	W
03022	205155	No ALU ID is assigned to the selected LDEV. Even though the LDEV might be being deleted, it is selectable on the window.	Verify whether the LDEV is included in LDEVs in deletion process. After the LDEV deletion is complete, click the refresh button to have the latest information displayed on the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
03022	205156	No SLU ID is assigned to the selected LDEV. Even though the LDEV might be being deleted, it is selectable on the window.	Verify whether the LDEV is included in LDEVs in deletion process. After the LDEV deletion is complete, click the refresh button to have the latest information displayed on the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
03022	205157	The selected LDEV cannot be shredded because the ALU attribute is set on it.	Verify the setting.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03022	205158	A volume whose attribute is not ALU or SLU is included in the selected LDEVs.	Only volumes whose attribute is ALU or SLU are displayed.	W
03022	205163	LDEV names cannot be allocated to all specified LDEVs because the number of characters for LDEV names that are automatically generated from the characters entered in Prefix and Initial Number exceeds the maximum that can be used for an LDEV name.	Verify the setting.	W
03022	205164	The number of LDEVs with the ALU attribute that can be added to the storage system has reached the maximum.	Verify the device configuration of the storage system.	W
03022	205176	The operation cannot be performed because the selected LDEVs belong to "NAS_Platform_System_RSG" with the resource group ID 1023.	Move the selected LDEVs to a different resource group from "NAS_Platform_System_RSG" with the resource group ID 1023 , and then retry the operation.	W
03022	205177	The operation cannot be performed because the LDEVs that belong to the selected parity group belong to "NAS_Platform_System_RSG" with the resource group ID 1023.	Move the LDEVs that belong to the selected parity group to a different resource group from "NAS_Platform_System_RSG" with the resource group ID 1023, and then retry the operation.	W
03022	205198	The specified parity groups contain volumes with the accelerated compression enabled.	Verify the settings of the parity groups.	W
03022	205199	The accelerated compression is enabled on the specified LDEVs.	Verify the settings of the specified LDEVs.	W
03022	205200	There is not enough free space to create LDEVs.	Verify the setting.	W
03022	205203	Pools with Data Direct Mapping enabled and disabled coexist.	Verify the setting.	W
03022	205204	Parity groups with Data Direct Mapping enabled and disabled coexist.	Verify the setting.	W
03022	205205	There is no pool volumes that can be set as a DP-VOL in the selected pool.	Verify the setting.	W
03022	205207	The operation cannot be executed, because the specified	Check the specified logical volume, then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		logical volume is not a Dynamic Tiering volume.		
03022	205211	The operation can be forcibly continued by ignoring the errors described in the following list.	Verify the details of the errors, and then continue the operation. However, the task might fail if the operation cannot be finished safely. To cancel the operation, click [Cancel] in the confirmation window.	W
03022	205217	LDEVs for which Full Allocation is set to Enable, and for which Capacity Saving is set to Compression or Deduplication and Compression cannot be created.	Verify the settings of Full Allocation and Capacity Saving.	W
03022	205218	Full Allocation cannot be set to Enable, because Capacity Saving Status is not Disabled.	Set Capacity Saving to Disabled, and then set Full Allocation to Enable.	W
03022	205219	The specified LDEVs cannot be shredded, because the capacity saving setting is enabled for some of the LDEVs.	Select different LDEVs.	W
03022	205220	The operation cannot be performed, because one or more deduplication system data volumes are specified.	Select different LDEVs.	W
03022	205221	LDEV formatting cannot be performed for the specified DP-VOLs whose capacity saving setting is Deduplication and Compression, because the deduplication system data volumes for the pools with which the specified DP-VOLs are associated are blocked.	Restore the deduplication system data volumes, and then retry the operation.	W
03022	205222	The specified LDEVs cannot be formatted, because the capacity saving status of at least one LDEV is "Failed".	Verify the capacity saving status of the LDEVs, and then retry the operation.	W
03022	205223	Full Allocation cannot be set to Enable, because Capacity Saving for the selected LDEV is set to Compression or Deduplication and Compression.	Set Capacity Saving to Disabled, and then set Full Allocation to Enable.	W
03022	205224	The user does not have permission to perform this operation.	Log in as a user with the required permission, and then retry the operation.	W
03022	205225	The operation cannot be performed for the specified deduplication system data volume for the pool with which	Block DP-VOLs, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		the DP-VOLs with the capacity saving setting enabled are associated, because some of the DP-VOLs are not blocked.		
03022	205226	Multiple deduplication system data volumes cannot be formatted at the same time.	Verify the specified LDEVs, and then retry the operation.	W
03022	205227	The LDEVs cannot be formatted, because both deduplication system data volumes and LDEVs that are not deduplication system data volumes are specified.	Verify the specified LDEVs, and then retry the operation.	W
03022	205422	The operation might not be performed because the storage system is being maintained or in the state where a maintenance operation is required. Do you want to cancel this operation?	To cancel, click [Cancel]. To continue, click [OK]. In this case, monitor the task for five minutes because an error might occur in the processing within five minutes after the task begins.	W
03022	206001	The specified operation cannot be performed because verification is not in process.	Verify the status of the verification.	W
03022	206262	The ALU attribute is not set on the selected LDEV.	Select only the LDEV with the ALU attribute.	W
03022	206264	The selected LDEV is not bound to an LDEV with the SLU attribute.	Select only the LDEV with the ALU attribute to which an LDEV with the SLU attribute is bound.	W
03022	206265	The selected LDEV does not exist in the configuration.	Click the refresh button to have the latest information displayed on the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
03022	207001	An unexpected error occurred.	If the problem persists despite retrying, please call the Support Center.	E
03022	208001	Verification ended abnormally.	Refresh the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03022	208002	Verification was interrupted.	Retry the verification if necessary.	W
03022	209001	You are trying to create LDEVs that exceed the physical capacity of the parity group. • If the Saving (%) value is unknown at this time, it is recommended to change the LDEV capacity to match the recommended capacity shown in this message,	See the Provisioning Guide for details.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		which means to set the LDEV capacity that does not exceed the physical capacity of the parity group so as to reduce the risk of accidental over use. • If the Saving (%) value is known or can be predicted, then you can create LDEVs in addition to the physical capacity of the parity group.		
03022	209002	You are trying to create LDEVs that exceed the recommended capacity. Because this may increase the risk of accidental over use, it is recommended to change the LDEV capacity to match the recommended capacity shown in this message.	-	W
03022	209003	You are trying to create LDEVs that exceed the physical capacity of the parity group. • If the Saving (%) value is unknown at this time, it is recommended to change the LDEV capacity to match the recommended capacity shown in the Parity Groups table, which means to set the LDEV capacity that does not exceed the physical capacity of the parity group so as to reduce the risk of accidental over use. • If the Saving (%) value is known or can be predicted, then you can create LDEVs in addition to the physical capacity of the parity group.	See the Provisioning Guide for details. To continue the processing, click [OK].	W
03022	209004	You are trying to create LDEVs that exceed the recommended capacity. Because this may increase the risk of accidental over use, it is recommended to change the LDEV capacity to match the recommended capacity shown in the Parity Groups table.	To continue the processing, click [OK].	W
03022	209005	Check the error details with the error code from the following list.	To continue the processing, click [OK].	W

Part code 03121

Table 5-3 Error codes (part code 03121)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03121	105001	The specified Tiering Policy cannot be set due to one of the following reasons: • The Tier1 Min value exceeds the Tier1 Max value. • The Tier3 Min value exceeds the Tier3 Max value. • The total value of the Tier1 Min value and the Tier3 Min value exceeds 100%.	Check the Tiering Policy setting.	W
03121	109205	Are you sure you want to initialize all the DP and TI pools?	To continue, click [OK]. Otherwise, click [Cancel].	W

Part code 03122

Table 5-4 Error codes (part code 03122)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03122	105132	Short of *xxx* LDEV ID(s).	Check the settings.	W
03122	105133	The processing cannot continue due to an internal logic contradiction.	Execute refresh.	E
03122	105148	The combo box is not selected.	Check the settings.	W
03122	105248	The processing cannot continue due to an internal logical contradiction.	Execute refresh.	E
03122	105483	The specified Tiering Policy cannot be set due to one of the following reasons: • The Tier1 Min value exceeds the Tier1 Max value. • The Tier3 Min value exceeds the Tier3 Max value. • The total value of the Tier1 Min value and the Tier3 Min value exceeds 100%.	Check the Tiering Policy setting.	W
03122	105485	The selected policy cannot be edited because the policy is defined by the system.	Tiering Policy from the ID 6 and above are available to edit.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03122	106005	No more pools can be registered, because the number of registered pools has reached the maximum.	Check the support configuration of pools, then retry the operation.	W
03122	106006	There exist no volumes available for pool volumes.	For the pool to be created, see the following user guides to verify the requirements for pools and pool volumes. • Provisioning Guide • *Thin Image User Guide*	W
03122	106007	The setting cannot be performed, because the number of pools exceeds the maximum.	Check the support configuration of pools, then retry the operation.	W
03122	106008	The volume to be set as a pool volume is not selected.	Specify the volume, then retry the operation.	W
03122	106009	The setting cannot be performed, because the number of pool volumes that can be set to a pool exceeds the maximum.	Reduce the number of selected pool volumes, then retry the operation.	W
03122	106010	The specified pool subscription limit value cannot be set.	Check the specified value of the subscription limit, then retry the operation.	W
03122	106011	The number of prefix characters of the pool name is invalid.	Enter prefix characters with a valid number for the pool name.	W
03122	106012	The specified prefix characters for a pool name contain an invalid character(s).	Check the prefix characters of pool name, then retry the operation.	W
03122	106013	The initial number of specified pool name is not input.	Check the initial number of pool name, then retry the operation.	W
03122	106014	The specified initial number of pool name contains a character other than the numerical value.	Check the initial number of pool name, then retry the operation.	W
03122	106015	The specified initial number of pool name exceeds the maximum.	Check the initial number of pool name, then retry the operation.	W
03122	106016	The number of characters that can be set for the pool name exceeds the maximum, or some spaces are set.	Check the pool name, then retry the operation.	W
03122	106017	The specified pool name is already used.	Specify another pool name, then retry the operation.	W
03122	106018	The specified pool ID is invalid.	Verify the specified pool ID, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03122	106019	The allocation cannot be done from the specified pool ID.	Specify a pool ID that is smaller than the one specified before, then retry the operation.	W
03122	106022	The selected volumes cannot be specified as a pool volume, because the cache modes of the selected volumes coexist.	Specify the volumes that have the same cache mode, then retry the operation.	W
03122	106024	The operation cannot be executed, because the specified pool is blocked.	Restore the status of the pool, then retry the operation.	W
03122	106025	The operation cannot be executed, because the specified pool is blocked.	Delete the pool.	W
03122	106026	The operation cannot be executed, because the pool volume is blocked.	Restore the status of the pool volume, then retry the operation.	W
03122	106027	The operation cannot be executed, because the pool usage exceeds the threshold.	Check the usage rate of the pool, then retry the operation.	W
03122	106028	The operation cannot be executed, because the specified pool is in shrinking operation.	Stop the shrinking operation on the pool, then retry the operation.	W
03122	106029	The operation cannot be executed, because the specified pool is in Normal status.	Check the status of the pool, then retry the operation.	W
03122	106030	The operation cannot be executed, because the specified pool is associated with a Dynamic Provisioning volume.	Delete the associated Dynamic Provisioning volume, then retry the operation.	W
03122	106031	The operation cannot be executed, because the specified pool is being used.	Check the pool usage, then retry the operation.	W
03122	106032	The operation cannot be executed, because the specified pool is not in shrinking operation.	Check the status of the pool.	W
03122	106033	The operation cannot be performed because the specified pool is for Thin Image.	Verify the available pool types, select pools, and then retry the operation.	W
03122	106034	The shrinking operation cannot be performed on the specified pool due to either of the following reasons: • The ratio of the used capacity to the total pool capacity after shrinking	Verify the following settings, and then retry the operation: • Pool capacity • Depletion threshold value • Warning threshold value • Pool VOL with System Area Capacity	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		becomes higher than the higher one of the depletion threshold or the warning threshold. • There is no pool volume that has enough free space required to delete the pool volume with system area.		
03122	106035	The operation cannot be executed, because the top pool volume has been selected.	Select a volume other than the top pool volume.	W
03122	106036	The operation cannot be executed, because the specified pool volumes contain an abnormal pool volume.	Check the state of the specified pool volumes, then retry the operation.	W
03122	106037	The setting cannot be executed, because the specified pool has no free space.	Execute any of the following actions, then retry the operation. • Increase the pool capacity by adding pool volume(s). • Reduce the pool usage.	W
03122	106038	No table row, or two or more table rows are selected.	Select one table row.	W
03122	106041	There are no valid volumes, because the pools are blocked.	Restore the blocked status of the pools.	W
03122	106042	The shrinking operation cannot be performed on the specified pool.	Check the pool capacity, the maximum reserved capacity, and the current reserved capacity, then retry the operation.	W
03122	106062	The pool cannot be restored.	Delete the pool.	W
03122	106063	The pool cannot be restored.	Execute any of the following actions, then retry the operation. • Increase the pool capacity by adding pool volume(s). • Reduce the pool usage.	W
03122	106064	The pool cannot be restored.	Block the pool.	W
03122	106078	The specified function is not available because the necessary program product is not installed.	Install the necessary program product.	W
03122	106087	The operation cannot be done because there is no pool that can be associated with a Dynamic Provisioning volume (DP-VOL).	Check the specified value of the subscription limit, then retry the operation.	W
03122	106090	The depletion threshold is set lower than the warning threshold.	Check the setting of depletion threshold and warning threshold, then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03122	106091	The warning threshold is not input.	Check the setting of warning threshold, then retry the operation.	W
03122	106093	The depletion threshold is not input.	Check the setting of the depletion threshold, then retry the operation.	W
03122	106094	Different volume types (such as drive types, RAID levels, and internal/external volumes) or cache modes coexist in the LDEVs selected as pool volumes. If different volume types or cache modes are used in the same pool, the entire performance might be affected by the LDEVs with the lowest performance. Do you want to continue this operation?	To continue, click [OK].	W
03122	106095	The operation cannot be performed because the tier management of the specified pools is not in manual operation.	Change the tier management of the pool to the manual operation.	W
03122	106096	Failed to get the pool information.	Check the status of the pool, and then retry the operation.	W
03122	106097	The operation cannot be done because the specified pool is in monitoring operation.	Check the status of the pool, and then retry the operation.	W
03122	106098	The operation cannot be done because the specified pool is calculating the monitor information.	Check the status of the pool, and then retry the operation.	W
03122	106099	The processing cannot continue due to an internal logic contradiction.	If the problem persists despite retrying, please call the Support Center.	E
03122	106100	The operation cannot be done because the specified pool is not in the monitoring operation.	Check the status of the pool, and then retry the operation.	W
03122	106101	The operation cannot be done because the configuration of the specified pools does not meet the conditions below. • The multi tier pool is enabled. • The tier management is in manual operation.	Check the configuration of the pools.	W
03122	106102	The operation cannot be done because the specified pool is in tier relocating operation.	Check the status of the pool, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03122	106103	The operation cannot be done because the specified pool is in monitoring operation.	Check the status of the pool, and then retry the operation.	W
03122	106104	The operation cannot be done because the specified pool is calculating the monitor information.	Check the status of the pool, and then retry the operation.	W
03122	106105	The operation cannot be executed because the specified pool has no monitoring data.	Check the status of the pool, and then retry the operation.	W
03122	106106	The operation cannot be done because the specified pool is not in tier relocating operation.	Check the status of the pool, and then retry the operation.	W
03122	106107	The operation cannot be executed because there is only one tier in the specified pool.	Check the configuration of tier in the pool.	W
03122	106108	The specified LDEVs cannot be set as pool volumes in the same pool because the LDEVs are allocated to different resource groups.	Select LDEVs allocated to the same resource group.	W
03122	106111	There is an empty field in the following items. • Tier Management • Cycle Time • Monitoring Period • Monitoring Mode • Relocation Speed • Buffer Space for New page assignment • Buffer Space for Tier relocation	Check the settings, and then retry the operation.	W
03122	106112	There is no check in the check box of Multi-Tier Pool.	Check the settings, and then retry the operation.	W
03122	106139	This operation will delete the currently stored monitor data.	Verify that the currently stored monitor data can be deleted. If not, cancel the operation.	W
03122	106140	Enabling and disabling the Multi-Tier Pool setting may impact the host I/O performance of each Dynamic Provisioning volume associated with the pool.	Verify that the pool setting can be changed even if that will impact the host I/O performance. If not, cancel the operation.	W
03122	106163	Do you switch to the setting of the selected row?	To continue, click [OK]. Otherwise, click [Cancel].	W
03122	106164	The operation cannot be performed with this pool.	Select pool volumes from the following pools:	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			• Dynamic Provisioning • Dynamic Tiering • Dynamic Tiering (Active Flash)	
03122	106165	This operation cannot be performed because the pool volumes are not external LDEVs.	Select only the pool volumes that are external LDEVs, and then retry the operation.	W
03122	106168	A required program product is not installed, or you do not have permission to perform the operation.	Install the required program product, or log off and then log back on with permission to perform the operation.	W
03122	106169	If the tier configuration changes by performing this operation, the currently stored monitor data will be deleted.	Make sure that there is no problem even if the data is deleted.	W
03122	107007	An internal logic error occurred.	If the problem persists despite retrying, please call the Support Center.	E
03122	107008	The processing cannot continue due to an internal logic contradiction.	If the problem persists despite retrying, please call the Support Center.	E
03122	107009	An internal logic error occurred.	If the problem persists despite retrying, please call the Support Center.	E
03122	107023	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
03122	200001	The pool of the specified capacity cannot be created.	Check the specified value of the Total Capacity, and then retry the operation.	W
03122	205133	The radio button for Protect V-VOLs when I/O fails to Blocked Pool VOL (Yes/No) is not selected.	Select the radio button, and then retry the operation.	W
03122	205134	The radio button for Protect V-VOLs when I/O fails to Full Pool (Yes/No) is not selected.	Select the radio button, and then retry the operation.	W
03122	205185	Pool names cannot be allocated to all specified pools because the number of characters for pool names that are automatically generated from the characters entered in Prefix and Initial Number exceeds the maximum that can be used for a pool name.	Verify the setting.	W
03122	205212	Pool volumes in the selected pools cannot be shredded because the pool volumes belong to parity groups with the	Click [Finish] to delete the pools, and then shred the volumes. For volumes that belong to parity groups with the accelerated compression enabled, disable the	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		accelerated compression enabled.	accelerated compression on the parity groups, and then shred them.	
03122	205213	The subscription limits of the pools for assigning deduplication system data volumes are too low.	Set the subscription limit to unlimited.	W
03122	205214	The subscription limits of the pools for assigning deduplication system data volumes are too low. The subscription limits must be *xxx*% or more.	Change the subscription limit.	W
03122	205215	Some of the settings for the pool cannot be applied due to errors occurring in different pools during pool creation with the same task.	Verify the settings.	W
03122	205216	Some of the settings for the pool cannot be applied due to errors occurring in different pools during pool delete with the same task.	Verify the settings.	W
03122	205217	Deduplication system data volumes cannot be assigned to Dynamic Tiering pools.	Verify the settings.	W
03122	205218	Deduplication system data volumes cannot be assigned to pools that have the data direct mapping attribute.	Verify the settings.	W
03122	205219	Deduplication system data volumes cannot be assigned to DT (Active Flash) pools.	Verify the settings.	W
03122	205220	The radio button for Assign Deduplication System Data Volume is not selected.	Verify the settings.	W
03122	205221	The deduplication system data volumes have already been assigned.	Verify the settings. To reassign the deduplication system data volumes, select No to release the current assignment, complete the task, and then select Yes for Assign Deduplication System Data Volume.	W
03122	205222	The assignments of deduplication system data volumes have already been released.	Verify the settings.	W
03122	206140	The operation can not be performed due to one of the following reasons: • The Dynamic Tiering function is not enabled.	Enable the multi tier pool. Or if you want to use the Dynamic Tiering function, contact the Hitachi Data Systems Support Center.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• The shared memory for the Dynamic Tiering function is not installed.		
03122	206283	A pool where Data Direct Mapping is enabled cannot be created because volumes with the attribute other than Data Direct Mapped are not selected.	Select at least one volume whose attribute is not Data Direct Mapped.	W
03122	206284	The pool cannot be shrunk with the currently selected pool volumes.	Select pool volumes so that there is at lease one volume whose attribute is not Data Direct Mapped, and then retry the operation.	W
03122	206285	The pool cannot be shrunk because Data Direct Mapped LDEV is set to the selected pool volumes.	Remove LDEVs whose attribute is Data Direct Mapped, and then retry the operation.	W
03122	206293	The selected pool volumes cannot be shrunk due to one of the following reasons. • The proportion of the used pool capacity after shrinking to the total physical pool capacity is greater than the depletion threshold. • No pool volumes have space required for setting a new volume with the system area.	Verify the following values, and then reset them properly. • Physical Capacity • Depletion Threshold • Pool VOL with System Area Capacity	W
03122	206297	The check box of Warning Threshold or Depletion Threshold is not selected.	To enable Data Direct Mapping, select the Warning Threshold and Depletion Threshold check boxes, specify both values to 100%, and then retry the operation.	W
03122	206298	The values of Warning Threshold and Depletion Threshold cannot be changed on the specified pool with the Data Direct Mapping attribute.	Disable Data Direct Mapping, and then retry the operation.	W
03122	206299	The number of characters entered in the tiering policy name exceeds the maximum (32 characters), or a tiering policy name is not entered.	Verify the setting.	W
03122	206300	The tiering policy name contains characters that are not valid.	Enter the tiering policy name without using symbols (" * , / : ; < > ? \ |) and placing spaces at the start and end of the name.	W
03122	209014	You are trying to add pool volumes that exceed the	See the Provisioning Guide for details. To continue the processing, click [OK].	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		recommended capacity of the parity group. • If the Saving (%) value is unknown at this time, it is recommended to select pool volumes that match the capacity of what is shown in the Pool Volumes table, which means to select pool volumes that do not exceed the recommended capacity of the parity group so as to reduce the risk of accidental over use. • If the Saving (%) value is known or can be predicted, then you can add pool volumes in addition to the recommended capacity of the parity group.		
03122	209015	You are trying to add pool volumes that exceed the recommended capacity of the parity group. • If the Saving (%) value is unknown at this time, it is recommended to select pool volumes that match the capacity of what is shown in the Pool Volumes table, which means to select pool volumes that do not exceed the recommended capacity of the parity group so as to reduce the risk of accidental over use. • If the Saving (%) value is known or can be predicted, then you can add pool volumes in addition to the recommended capacity of the parity group.	See the Provisioning Guide for details.	W
03122	209016	The total capacity of pool volumes defined from the parity group exceeds the recommended capacity.	See the Provisioning Guide for details.	W
03122	209017	The total capacity of pool volumes defined from the parity group exceeds the recommended capacity.	See the Provisioning Guide for details.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03122	209018	You are trying to add pool volumes that exceed the recommended capacity of the parity group. • If the Saving (%) value is unknown at this time, it is recommended to select pool volumes that match the capacity of what is shown in the Pool Volumes table, which means to select pool volumes that do not exceed the recommended capacity of the parity group so as to reduce the risk of accidental over use. • If the Saving (%) value is known or can be predicted, then you can add pool volumes in addition to the recommended capacity of the parity group.	See the Provisioning Guide for details. To continue the processing, click [OK].	W
03122	209019	You are trying to add pool volumes that exceed the recommended capacity of the parity group. • If the Saving (%) value is unknown at this time, it is recommended to select pool volumes that match the capacity of what is shown in the Pool Volumes table, which means to select pool volumes that do not exceed the recommended capacity of the parity group so as to reduce the risk of accidental over use. • If the Saving (%) value is known or can be predicted, then you can add pool volumes in addition to the recommended capacity of the parity group.	See the Provisioning Guide for details.	W
03122	209020	You are trying to add pool volumes that exceed the recommended capacity of the parity group. Because this may increase the risk of accidental over use, it is recommended to select pool volumes that match the capacity	To continue the processing, click [OK].	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		of what is shown in the Pool Volumes table.		
03122	209021	You are trying to add pool volumes that exceed the recommended capacity of the parity group. Because this may increase the risk of accidental over use, it is recommended to select pool volumes that match the capacity of what is shown in the Pool Volumes table.	-	W
03122	306258	Active Flash cannot be used because a volume whose drive type is SSD is not selected.	Select one or more volumes whose drive type is SSD.	W
03122	306259	The DT(Active Flash) pool cannot be shrunk because of the selected pool volumes.	Select pool volumes so as to have at least one volume whose drive type is SSD selected, and then retry the operation.	W
03122	306260	Active Flash cannot be enabled because a pool that does not contain a volume whose drive type is SSD is selected for a pool volume.	Select only pools that contain a volume whose drive type is SSD.	W
03122	306261	Active Flash cannot be enabled because necessary program products are not installed.	Install the following program products: • Dynamic Provisioning • Dynamic Tiering • active flash	W

Part code 03205

Table 5-5 Error codes (part code 03205)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03205	002011	The status of the storage system requires the maintenance (for example, the storage system is blocked, the shared memory is inconsistent, or some other factor).	Check the status of the storage system (if the storage system is blocked, shared memory is inconsistent, or some other factor). If this problem persists, please call the Support Center.	E
03205	002015	An error occurred while communicating with the storage system.	If the same problem persists despite retrying, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03205	002095	The specified operation cannot be performed due to one of the following maintenance operations: • LDEV formatting is in progress. • The CHB/DKB status is changing. • The processor status is changing. • The cache status is changing. • LDEV shredding is in progress. • The configuration is changing.	Wait for a while, and then retry the operation.	W
03205	002201	Processing cannot be performed because of Data Retention Utility settings.	Release the setting of Data Retention Utility, then retry the operation.	W
03205	002520	A Volume Migration pair is defined.	Release the pair definition, then retry the operation.	W
03205	002521	A Volume Migration pair is defined.	Release the pair definition, then retry the operation.	W
03205	003003	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03205	005013	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03205	005099	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03205	005511	A necessary program product is not installed.	Install the necessary program product(s).	W
03205	005827	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03205	005828	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03205	006012	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03205	006022	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03205	006533	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03205	006534	The number of V-VOLs that can be registered in the storage system has reached the maximum.	Reduce the number of V-VOLs registered in the storage system, then retry the configuration operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03205	006535	The configuration cannot be changed because the LUN Path is remained in the target volume.	Release the LUN Path, then change the configuration again.	W
03205	006537	The setting process has not been executed because there is no error in this setting, but an error in the others settings.	Check the error factor in the others settings.	W
03205	008000	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03205	008001	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03205	008102	This function is not supported.	Check whether the DKCMAIN firmware version and the Storage Navigator software version are mismatched.	W
03205	008958	An error occurred on the DKC side.	If this problem persists, please call the Support Center.	E
03205	008966	An error occurred on the DKC side.	If this problem persists, please call the Support Center.	E
03205	056516	A pair of TrueCopy is defined.	Release the pair definition, and then retry the operation.	W
03205	056517	A pair of ShadowImage or Thin Image is defined.	Release the pair definition, and then retry the operation.	W
03205	058406	A pair of Universal Replicator is defined.	Release the pair definition, and then retry the operation.	W
03205	058407	A volume is defined as a journal volume of Universal Replicator.	Release the journal volume setting for Universal Replicator, and then retry the operation.	W
03205	058474	The specified operation cannot be performed because there is not enough memory available on the shared memory for the V-VOL management area.	Install the additional shared memory for the V-VOL management area, and then retry the operation. If the additional shared memory is already installed, the capacity of pools and V-VOLs has reached the maximum. In this case, delete unnecessary pools and V-VOLs, and then retry the operation.	W
03205	065740	The configuration changing processes are conflicting at DKC.	Check if the configuration changing process by the Command Control Interface, the Volume Migration, or the Quick Restore is not in operation, and then retry the operation.	W
03205	065794	The specified V-VOL is not mounted.	Check the specified V-VOL.	W
03205	065795	The specified V-VOL has already been specified.	Exclude the duplicated setting, then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03205	066503	The LDKC, CU, and LDEV are not set within the available range.	Verify the settings of the specified LDKC, CU, and LDEV.	W
03205	066504	Specified LDKC:CU:LDEV has already been used.	Check the setting of LDKC, CU, and LDEV.	W
03205	066505	The specified LDEV number has already been assigned to another emulation group within the range grouped by 32 LDEV numbers.	Check the setting of emulation groups within the range grouped by 32LDEV numbers.	W
03205	066506	Specified SSID has already been used.	Check the setting of SSID.	W
03205	066508	The specified LDEV capacity is invalid.	Check the setting of LDEV capacity.	W
03205	066510	The specified emulation type cannot be used.	Check the setting of the specified emulation type.	W
03205	066512	Specified CLPR is not mounted.	Check the setting of CLPR.	W
03205	066747	The value of SSID is not set within the available range.	Check the value of the specified SSID.	W
03205	066748	A value different from SSID that has already been set is specified.	Check the setting of SSID.	W
03205	068725	The specified operation cannot be performed because there is not enough memory available on the shared memory for the V-VOL management area.	Install the additional shared memory for the V-VOL management area, and then retry the operation. If the additional shared memory is already installed, the capacity of pools and V-VOLs has reached the maximum. In this case, delete unnecessary pools and V-VOLs, and then retry the operation.	W
03205	068726	The capacity of Dynamic Provisioning volume (DP-VOL) is invalid.	Check the capacity of Dynamic Provisioning volume (DP-VOL).	W
03205	068728	The pool is in an abnormal state.	Recover the pool, then retry the operation.	W
03205	068748	The number of Dynamic Provisioning volumes that can be made in a single pool has exceeded the maximum.	Check the configuration of the current DP-VOL.	W
03205	068751	The storage system is in process to delete DP-VOL.	Wait for a while, then retry the operation.	W
03205	068800	Volume migration or Quick Restore is in progress.	Wait for the migrating volume or the Quick Restore to be completed, then retry the operation.	W
03205	068897	There is a pool that has been blocked. And the item to be	Restore the pool that has been blocked by the Dynamic Provisioning function, then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		operated includes a Dynamic Provisioning volume (DP-VOL).		
03205	068920	The total capacity of DP-VOLs defined in the specified pool exceeds the value that had been permitted to the pool.	Check the total capacity of DP-VOLs defined in the specified pool and its pool settings. If this problem persists, please call the Support Center.	W
03205	078032	The specified MP Blade is not mounted.	Verify the specified MP blade.	W
03205	078047	Enough cache management devices cannot be allocated to the target volumes.	Delete unnecessary volumes, and then retry the operation. When there is a Thin Image pair, delete all the pairs related to the unnecessary primary volumes, and then retry the operation. If this problem persists, call the Support Center.	W
03205	078048	An error occurred while accessing the user information.	Try again. If this problem persists, call the Support Center.	W
03205	078057	The specified LDEV belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified LDEV.	W
03205	078059	The pool associated with the specified LDEV contains LDEVs that belong to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the LDEVs in the associated pool.	W
03205	078061	The specified emulation type is different from the emulation type of the selected pool.	Specify the same emulation type as the pool.	W
03205	078065	The storage system is in internal process, or a different user is changing the configuration.	Wait for a while, and then retry the operation.	W
03205	105455	LDEVs cannot be created because there is not enough free area in the pool.	Increase the free area of the pool.	W
03205	201001	An LDEV, for which Full Allocation is enabled, cannot be created with the specified emulation type.	Specify an emulation type with which Full Allocation can be enabled, or disable Full Allocation.	W
03205	201002	The specified pool is not a Dynamic Provisioning pool.	Verify the type of the specified pool.	W
03205	203001	An LDEV, for which Full Allocation is enabled, cannot be created because the specified pool is in shrinking operation.	Wait until the shrinking operation is complete, and then retry the operation.	W
03205	208001	The operation cannot be performed because the capacity	Specify the same capacity as that of the external volume for the LDEV.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		of the specified LDEV is different from that of the selected external volume.		
03205	208002	Data Direct Mapping cannot be enabled because the specified emulation type is not OPEN-V.	Specify a volume whose emulation type is OPEN-V.	W
03205	208003	The specified LDEV ID of the pool volume is outside the setting range.	Verify the LDEV ID of the pool volume, and then retry the operation.	W
03205	208004	The operation cannot be performed because the specified pool volume is not associated with a pool with the Data Direct Mapped attribute.	Specify a volume that is associated with a pool whose attribute is Data Direct Mapped.	W
03205	208005	The operation cannot be performed because the specified pool volume is associated with a different Dynamic Provisioning volume.	Specify a different pool volume, or delete the Dynamic Provisioning volume, and then retry the operation.	W
03205	208008	No volumes can be created because the Data Direct Mapped attribute differs between the specified volume and pool.	Verify the setting.	W
03205	208009	Full Allocation and Data Direct Mapping cannot be enabled at the same time.	Verify the setting.	W
03205	208010	T10 PI cannot be enabled because the specified emulation type is not OPEN-V.	To enable T10 PI, specify LDEVs whose emulation type is OPEN-V.	W
03205	208011	No DP-VOLs can be created because the specified pool volumes are blocked.	Restore the specified pool volumes, and then retry the operation.	W
03205	208012	The operation cannot be performed because the specified volumes are associated with a pool volume whose Data Direct Mapping is enabled and an external volume used as the pool volume is not disconnected.	Block the specified volumes, disconnect the external volume used as the pool volume associated with the specified volumes on the Disconnect External Storage Systems window or the Disconnect External Volumes window, and then retry the operation.	W
03205	208013	An LDEV with the full allocation enabled cannot be created because the selected pool contains pool volumes that belong to parity groups with the accelerated compression enabled.	Select a pool without pool volumes that belong to parity groups with the accelerated compression enabled, or disable the full allocation.	W
03205	208118	The specified function is not supported.	Update the DKCMAIN microcode to a version that supports the specified function.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03205	208315	The operation cannot be performed, because deduplication system data volumes have already been allocated to the specified pools.	Release the allocations of the deduplication system data volumes to the specified pools, and then retry the operation.	W
03205	208316	Deduplication system data volumes are not allocated to the specified pools.	Click the refresh button to display the latest information on the window, and then verify the settings of the specified pools.	W
03205	208318	The operation cannot be performed, because DP-VOLs whose capacity saving setting is Deduplication and Compression are contained in the specified pools.	Change the capacity saving setting to Disabled or Compression for all DP-VOLs in the specified pools, and then retry the operation.	W
03205	208319	The deduplication system data volume cannot be unassigned, because the deduplication rate (%) of the specified pool is greater than 0.	Perform the following actions, and then retry the operation: • If the data of the DP-VOLs associated with the pool is not necessary or has been backed up, format the deduplication system data volume. • ?In other cases, change the capacity saving setting to Disabled or Compression for the DP-VOLs whose setting is currently Deduplication and Compression.	W
03205	208321	The operation cannot be performed because there is not enough installed shared memory.	Add more shared memory.	E
03205	208322	The program product required for using the dedupe and compression function is not installed.	Install the required program product.	W
03205	208330	An error occurred during communication with the storage system.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03205	208331	The emulation type of the specified volume cannot be used.	Verify the emulation type of the specified volume.	W
03205	208332	No deduplication system data volume is allocated to the specified pool.	Click the refresh button to display the latest information on the window, and then verify the pool setting.	W
03205	208333	The operation cannot be performed because the specified pool has the following problems: • The status of the pool volumes is not normal.	Perform either of the operations below, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• The I/O load of the Dynamic Provisioning volumes associated with the pool is high.	• Restore the pool volumes to the normal status. • Reduce the I/O load of the Dynamic Provisioning volumes associated with the pool.	
03205	208334	The operation cannot be performed because the required number of cache management devices cannot be allocated.	See the following sections in the Provisioning Guide, and reserve the required number of cache management devices: • Description of cache management devices • Troubleshooting for cache management devices If the required number of cache management devices is already reserved, contact the Hitachi Data Systems Support Center.	W
03205	208335	The specified operation cannot be performed because there is not enough shared memory for the V-VOL management area.	Add more shared memory for the V-VOL management area, and then retry the operation. If shared memory for the V-VOL management area has already been added, the capacity of pools and virtual volumes has reached the maximum. In this case, delete unnecessary pools and virtual volumes, and then retry the operation.	W
03205	208336	The capacity saving setting cannot be enabled, because a pool with the data direct mapping attribute is specified.	Disable either the data direct mapping attribute for the specified pool or the capacity saving setting.	W
03205	208337	The full allocation setting and the capacity saving setting cannot be enabled at the same time.	Disable either the full allocation setting or the capacity saving setting	W
03205	208338	The operation cannot be performed because the specified pool has the following problems: • The pool usage exceeds the threshold. • The pool status is not valid.	Verify the following items, and then retry the operation: • The pool capacity • The threshold for the pool usage • The pool status	E
03205	208339	The operation cannot be performed because the specified parameter is not valid.	Verify the setting for Data Saving. If this problem persists, contact the Hitachi Data Systems Support Center.	W
03205	208341	The deduplication system data volume cannot be allocated, because a pool with the data direct mapping attribute is specified.	Disable the data direct mapping attribute for the specified pool, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03205	208357	The deduplication system data volumes cannot be allocated, because pools for which the full allocation setting is enabled are specified.	Disable Full Allocation for the specified pools, and then retry the operation.	W
03205	208358	The capacity saving setting cannot be changed, because the specified LDEV is blocked.	Restore the specified LDEV, and then retry the operation.	W
03205	208360	The specified LDEV is already being used as a JNL volume by Universal Replicator or Universal Replicator for Mainframe.	Specify a different LDEV, and then retry the operation.	W
03205	208361	The operation cannot be performed, because the specified LDEV is in a state in which the capacity saving setting cannot be changed.	Verify the capacity saving status of the specified LDEV. The status of the LDEV should be one of the following: • Enabled • Rehydrating If the capacity saving status is Rehydrating, wait for a while, and then retry the operation.	W
03205	208363	The operation cannot be performed, because the deduplication system data volume of the pool associated with the specified LDEV is blocked.	Restore the deduplication system data volume, and then retry the operation.	W
03205	208369	The capacity saving setting cannot be enabled, because a pool for which the multi-tier pool setting is enabled is specified.	Verify the multi-tier pool setting of the specified pool and the capacity saving setting of the LDEVs.	W
03205	208392	The selected pool volumes cannot be added to a pool with the data direct mapping attribute, because they are deduplication system data volumes.	Select different LDEVs.	W
03205	208395	The specified LDEVs cannot be deleted, because the LDEVs contain data used by the capacity saving functions (compression function or deduplication function).	Format the LDEVs or change the capacity saving setting of the LDEVs to Disabled, and then retry the operation.	W
03205	208412	The mapping information for the specified LDEVs is not correct.	Contact the Hitachi Data Systems Support Center.	W
03205	208413	LDEVs cannot be deleted, because deduplication system data volumes are specified.	Select different LDEVs.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03205	208414	The specified number of the deduplication system data volumes exceeds the maximum number that can be specified for a single pool.	Verify that the specified information is correct.	W

Part code 03222

Table 5-6 Error codes (part code 03222)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03222	105190	There is no data.	If the problem persists despite retrying, please call the Support Center.	E
03222	105191	The processing cannot continue due to an internal logic contradiction.	Execute refresh.	E
03222	105192	The association information of the specified LDEV does not exist in the configuration.	Execute refresh.	E
03222	105193	The status of the specified LDEV is not normal.	Check the settings.	W
03222	105194	The input value is out of the setting range.	Check the settings.	W
03222	105195	Zero is set in the size.	Check the settings.	W
03222	105196	The size is not specified.	Check the settings.	W
03222	105197	Other than the numerical value is set in the size.	Check the settings.	W
03222	105198	The specified LDEV is not a DP volume.	Check the settings.	W
03222	105199	The specified LDEV is not in the state of zero page reclaiming.	Check the settings.	W
03222	105200	The specified LDEV is in the state of zero page reclaiming.	Check the settings.	W
03222	105201	The specified LDEV does not exist in the configuration.	Execute refresh.	E
03222	105202	The status information of the specified LDEV does not exist in the configuration.	Execute refresh.	E
03222	105203	The detailed information of the pool that is associated with the specified LDEV does not exist in the configuration.	Execute refresh.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03222	105211	The selected volume cannot be enhanced any further.	Please decrease the number of selections of volumes of the object or add the capacity of the pool.	E
03222	105484	Different pools are associated with the specified LDEVs.	Select only LDEVs that are associated with the identical pool.	W
03222	205051	The selected LDEV has been set as a journal volume.	Verify Click the settings.	W
03222	205136	The specified LDEV cannot be expanded because the used capacity of the pool associated with the LDEV exceeds the depletion threshold and Full Allocation is enabled for the LDEV.	Verify the pool status.	W
03222	205201	The specified LDEV cannot be operated because LUN paths are set to host groups on which Host Mode Option 97 is enabled.	Disable Host Mode Option 97 on the host groups from which the LUN path is set to the specified LDEV, or delete the LUN path to the specified LDEV from the host groups on which Host Mode Option 97 is enabled.	W
03222	205206	Data Direct Mapping is enabled on the selected LDEVs.	Verify the setting.	W
03222	205220	The operation cannot be performed, because one or more deduplication system data volumes are specified.	Select different LDEVs.	W

Part code 03305

Table 5-7 Error codes (part code 03305)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03305	001036	The size of the specified volume is outside the setting range.	Check the setting range of the volume size, and then change the size of the volume.	W
03305	001037	The free space remaining in the parity group is not enough to install a customized volume (CV).	The error does not occur normally because it cannot be modified in the window. In the unlikely event that this error occurs, please call the Support Center.	E
03305	001039	A path is defined to the specified volume.	Check the setting.	W
03305	001041	The CU number and the LDEV number set in the VLL operation	Check and correct the settings.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		are the same as those of other volumes.		
03305	001043	An operation is specified for the uninstalled VDEV.	Correct the settings, then retry the operation.	W
03305	001044	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03305	001049	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03305	001074	The specified CU number cannot be set.	Correct the settings.	W
03305	001075	In the VLL operation (Create LDEVs, Delete LDEVs), there are some operations which cannot be set together are specified.	Specify one or more than one operations of Create LDEVs, Delete LDEVs in the VLL operation.	E
03305	001101	An operation is specified for the uninstalled volume.	Correct the settings, then retry the operation.	W
03305	001103	An operation is specified for the uninstalled Parity Group.	Correct the settings, then retry the operation.	W
03305	001105	The number of volumes exceeds the maximum that can be set.	Check the settings.	W
03305	001601	This functionality is not available. Open Volume Management is required.	Install the necessary P.P. license key.	W
03305	001900	The operation cannot be performed because the storage system is being maintained.	Wait until the maintenance operation is complete, and then retry the operation.	W
03305	001910	The specified volume contains a Thin Image pair.	Check the setting of the specified volume.	W
03305	001911	The specified volume contains Pool-VOLs.	Select another volume.	W
03305	001913	The setting cannot be made because the specified LDEV is a remote command device.	Check the setting.	W
03305	001914	The number of DP-VOL(s) has exceeded the maximum number of DP-VOL(s) that can be set in a storage system.	Correct the settings, then retry the operation.	W
03305	002004	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03305	002005	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03305	002011	The status of the storage system requires maintenance (for example, the storage system is blocked, the shared memory is	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		inconsistent, or some other factor).	SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	
03305	002015	An error occurred while connecting to the storage system.	A communication error occurs. If the same error occurs despite retrying, please call the Support Center.	E
03305	002022	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03305	002081	An error occurred during a VLL operation to add or delete customized volumes. Please wait for a while, and then retry the operation.	If this problem persists, please call the Support Center. To perform a VLL operation on an external volume, check the status of the path to the external volume.	E
03305	002085	Copying is in progress for a pair of TrueCopy, Universal Replicator, ShadowImage, Volume Migration, or Thin Image.	Wait for a while, and then retry the operation.	W
03305	002086	The configuration of TrueCopy, Universal Replicator, ShadowImage, Volume Migration, or Thin Image has been defined.	Release the configuration definition, and then retry the operation.	W
03305	002088	The Remote Copy pair is suspended.	Add an alternative path.	W
03305	002089	The corresponding CHB might contain the last path between the MCU and RCU of TrueCopy or Universal Replicator.	Be sure there is an alternative path from the MCU.	W
03305	002090	ShadowImage or Thin Image setting exists.	Release the settings or stop the I/Os, and then retry the operation.	W
03305	002091	The backup server of ShadowImage or Thin Image is running.	Stop the backup server, and then retry the operation.	W
03305	002092	Some pairs of ShadowImage or Thin Image exist.	Split the pair of ShadowImage or Thin Image.	W
03305	002093	Some ShadowImage pairs exist.	Resynchronize the ShadowImage pairs.	W
03305	002094	Some ShadowImage pairs exist.	Change the status of the volumes to Simplex.	W
03305	002095	A maintenance operation is in progress. For example: • LDEV formatting is in progress • Correction Copy is in progress • Drive Copy is in progress	Wait for a while, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• The CHB/DKB status is changing • The cache status is changing • Replacement of an OEM drive firmware is in progress • LDEV Shredding is in progress. Therefore the specified operation cannot be executed.		
03305	002201	Processing cannot be performed because of Data Retention Utility settings.	Check the settings, then retry the operation.	W
03305	002204	Devices to be maintained include journal volumes.	Delete or suspend all pairs to which the journal volumes belong.	W
03305	002205	Devices to be maintained include journal volumes.	Delete all pairs to which the journal volumes belong.	W
03305	002515	A TrueCopy pair or a Universal Replicator pair is defined.	Release the pair definition, and then retry the operation.	W
03305	002516	A TrueCopy pair or a Universal Replicator pair is defined.	Delete the pair definition or suspend the pair, and then retry the operation.	W
03305	002517	The target volume is defined as a pair volume of ShadowImage or Thin Image.	Split the pair, and then retry the operation. If the Quick Split mode is on, suspend and then split the pair.	W
03305	002518	A ShadowImage pair is defined.	Split the pair, and then retry the operation. If the Quick Split mode is on, suspend and then split the pair.	W
03305	002520	A Volume Migration pair is defined.	Release the pair definition, then retry the operation.	W
03305	002521	A Volume Migration pair is defined.	Release the pair definition.	W
03305	003002	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03305	003003	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03305	003006	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03305	003008	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03305	005013	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03305	006001	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03305	006011	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03305	006012	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03305	006022	An error occurred during Storage Navigator processing.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
03305	006023	An error occurred during Storage Navigator processing.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
03305	006092	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03305	055500	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03305	056526	The resources of other SLPR(s) cannot be accessed.	An error occurred during processing. If this problem persists, please call the Support Center.	E
03305	065661	There are no changes in the current configuration and the setting.	Check the setting.	W
03305	065670	The volumes registered in a Dynamic Provisioning Pool Group are included in the items to be maintained.	Delete the Dynamic Provisioning Pool Group that includes the items to be maintained.	W
03305	065671	The pool volumes associated with the Dynamic Provisioning volume is included in the items to be maintained.	Release the association between the pool volume and the Dynamic Provisioning volume.	W
03305	065691	Preparing for quick format.	Check the status and wait until the status changes to a status that maintenance is possible.	W
03305	065728	The specified volume is not available to execute VLL operation (Create LDEVs, Delete LDEVs).	Release the quorum disk, and then retry the operation.	W
03305	065740	The configuration changing processes are conflicting at DKC.	Check if the configuration changing process by the Command Control Interface, the Volume Migration, or the Quick Restore is not in operation, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03305	065741	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03305	065742	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03305	065768	The storage system is in internal process, or some other user is changing the configuration.	Wait for a while, then click [Refresh] on the [File] menu. When an error occurs during login, wait for a while and login again.	W
03305	065781	The specified volumes contain a quorum disk.	Release the quorum disk, and then retry the operation.	W
03305	065782	The specified volumes contain a global-active device pair volume.	Delete the global-active device pair, and then retry the operation.	W
03305	065783	The specified volumes contain a global-active device pair volume.	Delete the global-active device pair, and then retry the operation.	W
03305	065790	The specified volume includes a remote command device being used by a mirror of the journal group.	Release the quorum disk, and then retry the operation.	W
03305	075043	The operation cannot be performed because the specified volume is used as an external volume that is mapped for the online data migration.	Specify a volume other than the external volume mapped for the online data migration, and then retry the operation.	W
03305	076507	The specified LDEV belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified LDEV.	W
03305	076508	The specified LDEV belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified LDEV.	W
03305	078032	The selected MP unit is not mounted.	Verify the configuration, and then select a mounted MP unit.	W
03305	078033	The Auto cannot be specified because the attribute of Fixed has been added to all of the MP Units.	Release the Fixed attribute, or specify a mounted MP Unit.	W
03305	087777	The operation cannot be performed because a resource group is not locked.	If the same problem persists despite retrying, please call the Support Center.	E
03305	205001	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
03305	205002	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03305	205003	The parity group ID of the selected parity group is not valid.	Verify the parity group ID, and then retry the operation.	W
03305	205004	The selected drive is not valid.	Verify the drive, and then retry the operation.	W
03305	205005	The specified RAID level or number of concatenated parity groups is not valid.	Verify the RAID level or the number of concatenated parity groups, and then retry the operation.	W
03305	205006	The entered parity group ID is not valid.	Verify the parity group ID, and then retry the operation.	W
03305	205007	No drive box is specified.	Specify a drive box, and then retry the operation.	W
03305	205008	The number of the specified drive boxes is not valid.	Verify the number of drive boxes that can be set, and then retry the operation.	W
03305	205009	The specified drive box does not exist.	Specify a drive box that can be set, and then retry the operation.	W
03305	205010	An error occurred during communication with the storage system.	Retry the operation. If the problem persists, contact the Hitachi Data Systems Support Center.	W
03305	208000	An error occurred on the storage system.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
03305	208001	The specified operation cannot be performed because the volume is being formatted or shredded, or the quick format is being prepared.	Wait for a while, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
03305	208002	The specified operation cannot be performed because the volume is in the data copy process (drive copy).	Wait for a while, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
03305	208003	The specified operation cannot be performed because the cache status is changing.	Wait for a while, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
03305	208004	The specified operation cannot be performed because the status of the MP unit is changing.	Wait for a while, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
03305	208005	The specified operation cannot be performed because the status of the DKB is changing.	Wait for a while, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
03305	208006	The specified operation cannot be performed because the status of the CHB is changing.	Wait for a while, and then retry the operation. If this problem persists,	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			contact the Hitachi Data Systems Support Center.	
03305	208007	The specified operation cannot be performed because Verify LDEVs is in process.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
03305	208008	The specified operation cannot be performed because the volume is in the PIN status.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
03305	208009	The specified operation cannot be performed because the drive box power supply is in the abnormal state.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	W
03305	208010	The specified operation cannot be performed because the controller board of the MP unit is blocked.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	W
03305	208011	The specified operation cannot be performed because the MP unit is blocked.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	W
03305	208012	The specified operation cannot be performed because the CHB is blocked.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	W
03305	208013	The specified operation cannot be performed because the port is blocked.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	W
03305	208014	The specified operation cannot be performed because the DKB is blocked.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03305	208015	The specified operation cannot be performed because the SAS port is blocked.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	W
03305	208016	The specified operation cannot be performed because the drive is blocked.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	W
03305	208017	The specified operation cannot be performed because the cache memory is blocked.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	W
03305	208018	An encryption key cannot be obtained from the key management server.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
03305	208019	The specified operation cannot be performed because there are not enough encryption keys that are not used.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
03305	208020	The specified operation cannot be performed because the selected parity group uses a spare drive.	When creating a parity group, specify drives in the free status, and then retry the operation. • When deleting a parity group, restore the drive in the data status, and then retry the operation.	W
03305	208022	The parity group ID of the selected parity group is not valid.	Verify the parity group ID.	W
03305	208023	The RAID level of the selected parity group is not valid.	Verify the RAID level.	W
03305	208024	The CLPR of the selected parity group is not valid.	Verify the CLPR.	W
03305	208025	The selected drive box or drive is not valid.	Verify the drive box or drive.	W
03305	208026	The operation cannot be performed because an error occurred on the storage system.	Wait for a while, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03305	208027	The specified parity group does not exist.	Verify the settings.	W
03305	208028	The specified parity group cannot be deleted because it contains a pair of Volume Migration, ShadowImage, or Thin Image.	Delete the pair of Volume Migration, ShadowImage or Thin Image, and then retry the operation.	W
03305	208029	The specified parity group cannot be deleted because it contains an LDEV containing a command device defined by a remote replication pair.	Remove the command device defined by the remote replication pair, and then retry the operation.	W
03305	208031	The specified parity group or LDEV cannot be deleted because it contains a primary volume of a global-active device pair.	Delete the global-active device pair, and then retry the operation.	W
03305	208032	The specified parity group or LDEV cannot be deleted because it contains a secondary volume of a global-active device pair.	Delete the global-active device pair, and then retry the operation.	W
03305	208033	The specified operation cannot be performed because the specified parity groups or volumes contain quorum disks used by global-active device pairs.	Release the quorum disks, and then retry the operation.	W
03305	208034	The specified parity group cannot be deleted because it contains a pool volume.	Delete the pool volume, and then retry the operation.	W
03305	208035	The specified parity group cannot be deleted because it contains a volume on which Volume Security is set.	Release the Volume Security setting, and then retry the operation.	W
03305	208036	The specified parity group cannot be deleted because it contains a volume on which Data Retention Utility is set.	Release the Data Retention Utility setting, and then retry the operation.	W
03305	208037	The operation cannot be performed because a different application is running.	Wait until the processing of the application is complete, and then retry the operation.	W
03305	208038	The resource group to which the selected parity group or LDEV belongs is locked by a different user.	Unlock the resource group.	W
03305	208039	The user authentication is not performed.	Log in again.	W
03305	208040	The specified operation cannot be performed because the	Delete the journal volumes and the Universal Replicator pairs that belong to	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		specified parity groups or volumes contain journal volumes.	the journal volumes, and then retry the operation.	
03305	208041	The selected parity group or LDEVs cannot be deleted because they contain a command device that is used by an extended consistency group of Universal Replicator.	Delete journal groups that use the command device from the extended consistency group, and then retry the operation.	W
03305	208042	The selected parity group or LDEVs cannot be deleted because they contain a remote command device that is used by a mirror of a journal group.	Release the assignment of the remote command device to the mirror of the journal group, and then retry the operation.	W
03305	208043	The selected parity group or LDEVs cannot be deleted because they contain a volume on which LDEV formatting is not performed.	Format the volume, and then retry the operation.	W
03305	208044	The operation cannot be performed because powering off the storage system is in process.	After the powering off process is complete, power on the storage system, and then retry the operation.	W
03305	208045	The selected parity group or LDEVs cannot be deleted because they contain an LDEV whose encryption key information is not valid.	Restore the encryption key from a backup file, and then retry the operation.	W
03305	208046	The selected parity group or LDEVs cannot be deleted because they contain an LDEV whose encryption key information is not valid.	Restore the encryption key from a backup file, and then retry the operation.	W
03305	208047	The operation cannot be performed because the storage system is busy.	Wait for a while, and then retry the operation.	W
03305	208048	No more spare drives can be set because the number of spare drives that are set has reached the maximum.	Verify the number of the spare drives, and then retry the operation.	W
03305	208049	The selected drive is not mounted.	Verify the selected drive.	W
03305	208050	The entered parity group ID is already used.	Verify the parity group ID, and then retry the operation.	W
03305	208051	The selected CLPR is not mounted.	Verify the selected CLPR.	W
03305	208052	The selected drive is already used.	Select a different drive.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03305	208053	The selected drive is not a spare drive.	Select a spare drive.	W
03305	208061	The specified LDEV ID is not valid.	Verify the specified LDEV.	W
03305	208062	The entered LDEV capacity is not valid.	Verify the LDEV capacity.	W
03305	208065	The entered LDEV capacity is not valid.	Verify the LDEV capacity.	W
03305	208069	An external volume mapped for the online data migration or an external volume with the Data Direct Mapped attribute cannot be created because the entered LDEV capacity is not the same as the external volume group.	Enter a value of the LDEV capacity the same as the external volume group.	W
03305	208070	An LDEV with the same capacity as the parity group or external volume group cannot be created because there is an LDEV in the parity group or the external volume group.	Change the LDEV capacity.	W
03305	208073	The LDEV created in the external volume group cannot be restored.	Verify that there is any blocked part.	E
03305	208074	The specified MP unit ID is outside the setting range.	Verify the specified MP unit.	W
03305	208076	The specified LDEV is used as a system disk.	Verify the specified LDEV.	W
03305	208077	The operation cannot be performed because any of the following items differs between LDEVs on the migration source storage system and the migration target storage system: • Serial number • Controller ID • SSID • CVS configuration • LDEV number	Verify the settings.	W
03305	208080	A volume cannot be added because the encryption key is not valid.	Contact the Hitachi Data Systems Support Center.	W
03305	208081	There is an LDEV that is being shredded in the specified parity group.	Wait until the shredding is complete, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03305	208082	There is an LDEV that is being formatted in the specified parity group.	Wait until the formatting is complete, and then retry the operation.	W
03305	208083	There is an LDEV that is being quick formatted in the specified parity group.	Wait until the quick formatting is complete, and then retry the operation.	W
03305	208084	The specified parity group is in the data copy process (correction copy).	Wait until the correction copy is complete, and then retry the operation.	W
03305	208085	The operation cannot be performed because the parity group or the external volume group is being used by a different operation.	Wait for a while, and then retry the operation.	W
03305	208086	The operation cannot be performed because the storage system is in internal process.	Wait for a while, and then retry the operation.	W
03305	208088	The specified LDEV is not mounted.	Verify the specified LDEV.	W
03305	208089	The specified MP unit is not mounted.	Verify the specified MP unit.	W
03305	208090	A necessary program product is not installed.	Install Open Volume Management.	W
03305	208091	A necessary program product is not installed.	Install Open Volume Management.	W
03305	208092	The specified LDEV ID is already used.	Verify the specified LDEV.	W
03305	208093	A volume cannot be created because the capacity of the specified external volume group exceeds the maximum capacity for an external volume that is mapped for the online data migration.	Verify the capacity of the external volume group.	W
03305	208094	The specified number of LDEVs exceeds the maximum that can be created in the current configuration.	Verify the number of LDEVs per free space.	W
03305	208095	The specified parity groups or volumes contain volumes to which LU paths are set.	Specify parity groups or volumes without volumes to which LU paths are set.	W
03305	208096	The specified LDEV is used as a quorum disk.	Verify the specified LDEV.	W
03305	208097	The specified LDEV is used as a journal volume.	Verify the specified LDEV.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03305	208098	The specified LDEV is used as a remote command device.	Verify the specified LDEV.	W
03305	208103	The specified number of LDEVs exceeds the maximum that can be created in the parity group or the external volume group.	Specify a different parity group or external volume group.	W
03305	208104	Volume Retention Manager settings exist on the specified volume.	Verify the specified LDEV.	W
03305	208105	The specified LDEV is used as a command device of an extended consistency group of Universal Replicator.	Verify the specified LDEV.	W
03305	208106	The specified LDEV is used as an external volume that is mapped for the online data migration.	Verify the specified LDEV.	W
03305	208107	There is not enough space left for the specified capacity in the parity group or the external volume group.	Specify a different parity group or external volume group.	W
03305	208108	The specified location is outside the setting range.	Verify the specified location.	W
03305	208109	An error occurred on the Storage Navigator side.	Please contact the Support Center when it is a same deal even if it operates it again.	E
03305	208111	An unregistered error occurred.	If the problem persists despite retrying, please call the Support Center.	W
03305	208112	A communication time-out error occurred.	Wait for a while, then retry the operation.	E
03305	208113	An error occurred on the storage system.	If this problem persists, please call the Support Center.	E
03305	208114	The Storage Navigator is busy.	Wait for a while, then retry the operation.	W
03305	208115	The Storage Navigator is busy.	Wait for a while, then retry the operation.	E
03305	208116	An internal logic contradiction occurred.	If the problem persists despite retrying, please call the Support Center.	E
03305	208117	A communication error occurred.	Wait for a while, then retry the operation.	W
03305	208118	The specified function is not supported.	Verify the DKCMAIN firmware version and the Storage Navigator software version.	E
03305	208119	The storage system has accepted the request normally,	If this problem persists, close the windows, verify that the internal processing or the configuration change	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		but the processing requires some time.	has been complete, and then retry the operation. If the internal processing or the configuration change takes much time to complete, contact the Hitachi Data Systems Support Center.	
03305	208120	An error occurred during communication with the storage system.	If this problem persists, please call the Support Center.	E
03305	208121	An internal error occurred.	Contact the Hitachi Data Systems Support Center.	E
03305	208122	The accelerated compression cannot be changed because different versions of DKCMAIN firmware coexist on the storage system.	Update the DKCMAIN firmware.	E
03305	208123	The specified parity groups do not support accelerated compression.	Specify parity groups that support accelerated compression.	W
03305	208124	The accelerated compression cannot be changed because the specified parity groups are in the data copy process (correction copy).	Wait until the correction copy is complete, and then retry the operation.	W
03305	208125	The accelerated compression cannot be changed because the specified parity groups are in the dynamic sparing process.	Wait until the dynamic sparing is complete, and then retry the operation.	W
03305	208126	The accelerated compression cannot be changed because the specified parity groups are in the copy back process.	Wait until the copy back is complete, and then retry the operation.	W
03305	208127	The accelerated compression cannot be changed because the specified parity groups contain pools with Full Allocation enabled.	Specify parity groups without pools whose Full Allocation is enabled.	W
03305	208128	The accelerated compression cannot be changed because the specified parity groups contain volumes that belong to blocked pools.	Specify parity groups without volumes that belong to blocked pools.	W
03305	208129	The accelerated compression cannot be changed because the RAID levels of the specified parity groups do not support pool creation.	Specify parity groups with RAID levels that support pool creation.	W
03305	208130	The accelerated compression cannot be changed because the specified parity groups contain	Specify parity groups without volumes that belong to multiple pools.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		volumes that belong to multiple pools.		
03305	208131	The accelerated compression cannot be changed because the specified parity groups are in the correction access status.	Wait until the correction access is complete, and then retry the operation.	W
03305	208132	The accelerated compression cannot be enabled because the specified parity groups contain volumes protected by Data Retention Utility settings.	Verify volumes contained in the specified parity groups, cancel the volume protection of Data Retention Utility, and then retry the operation.	W
03305	208133	The accelerated compression cannot be changed because volumes exist in the expanded space of the specified parity groups.	Specify parity groups that do not contain LDEVs in their expanded space.	W
03305	208134	The firmware version of the specified drive does not support accelerated compression.	Specify a drive with a firmware version that supports accelerated compression.	W
03305	208135	An internal error occurred.	Contact the Hitachi Data Systems Support Center.	E
03305	208136	No parity groups can be created because the specified drives contain drives that do not support accelerated compression.	Specify drives that support accelerated compression.	W
03305	208137	No parity groups can be created because the specified parity groups that are concatenated contain parity groups without support for accelerated compression.	Specify parity groups that support accelerated compression.	W
03305	208138	The current DKCMAIN firmware version does not support changing the accelerated compression.	Update the DKCMAIN firmware to a version that supports accelerated compression.	W
03305	208139	The specified parity groups contain volumes that are used by Cache Residency Manager.	Specify parity groups without volumes used by Cache Residency Manager.	W
03305	208140	The specified parity groups contain volumes with capacity less than needed for pool volumes.	Specify parity groups consisting of volumes with enough capacity to be used as pool volumes.	W
03305	208141	The specified parity groups contain volumes that are set as pair volumes.	Specify parity groups without volumes that are set as pair volumes.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03305	208142	The specified parity groups contain volumes that are mapped for the online data migration.	Specify parity groups without volumes that are mapped for online data migration.	W
03305	208143	The specified operation cannot be performed because data remains in the expanded space of the parity groups.	Format the parity groups.	W
03305	208144	The parity group with the encryption and the accelerated compression enabled cannot be created.	Disable the encryption or the accelerated compression.	W
03305	208145	The accelerated compression cannot be enabled on the specified parity groups because the encryption is enabled.	Disable the encryption, and then enable the accelerated compression.	W
03305	208146	The specified LDEVs are being used by a different operation.	Wait for a while, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
03305	208147	An internal error occurred.	Contact the Hitachi Data Systems Support Center.	E
03305	208148	Only LDEVs to be used as pool volumes can be created in a parity group with the accelerated compression enabled. LDEVs cannot be created because the specified capacity does not meet the requirement for pool volumes.	See the Provisioning Guide to verify the requirements for pool volumes.	W
03305	208200	The operation cannot be performed because the storage system is in internal process, or the configuration is being changed by a different operation.	Wait for a while, and then retry the operation.	W
03305	208201	T10 PI cannot be enabled because the specified LDEV is an external volume.	Specify an internal volume, and then enable the T10 PI setting on the volume.	W

Part code 03405

Table 5-8 Error codes (part code 03405)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03405	002011	The status of the storage system requires the maintenance (for example, the storage system is blocked, the shared memory is inconsistent, or some other factor).	Check the status of the storage system (if the storage system is blocked, shared memory is inconsistent, or some other factor). If this problem persists, please call the Support Center.	E
03405	002015	An error occurred while communicating with the storage system.	If the same problem persists despite retrying, please call the Support Center.	E
03405	002095	The specified operation cannot be performed due to one of the following maintenance operations: • LDEV formatting is in progress. • The CHB/DKB status is changing. • The processor status is changing. • The cache status is changing. • LDEV shredding is in progress. • The configuration is changing.	Wait for a while, and then retry the operation.	W
03405	002201	Processing cannot be performed because of Data Retention Utility settings.	Release the setting of Data Retention Utility, then retry the operation.	W
03405	002520	A Volume Migration pair is defined.	Release the pair definition, then retry the operation.	W
03405	002521	A Volume Migration pair is defined.	Release the pair definition, then retry the operation.	W
03405	005013	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03405	005827	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03405	005828	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03405	006012	An error occurred during SVP processing.	Contact the Hitachi Data Systems Support Center.	E
03405	006022	An error occurred while opening the file.	If the problem persists despite retrying, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03405	006023	An error occurred while deleting the file.	If the problem persists despite retrying, please call the Support Center.	E
03405	006036	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03405	006091	An error occurred while compressing the file.	If the problem persists despite retrying, please call the Support Center.	E
03405	006533	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03405	006534	The number of V-VOLs that can be registered in the storage system has reached the maximum.	Reduce the number of V-VOLs registered in the storage system, then retry the configuration operation.	W
03405	006535	The configuration cannot be changed because the LUN Path is remained in the target volume.	Release the LUN Path, then change the configuration again.	W
03405	006537	The setting cannot be applied because there is no error in this setting but an error in a different setting.	Verify and correct the error in the different setting, and then retry the operation.	W
03405	008000	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
03405	008102	This function is not supported.	Check whether the DKCMAIN firmware version and the Storage Navigator software version are mismatched.	W
03405	008958	An error occurred on the DKC side.	If this problem persists, please call the Support Center.	E
03405	008966	An error occurred on the DKC side.	If this problem persists, please call the Support Center.	E
03405	055500	An error occurred during SVP processing.	Contact the Hitachi Data Systems Support Center.	E
03405	056301	An error occurred during SVP processing.	Contact the Hitachi Data Systems Support Center.	E
03405	056302	An error occurred during SVP processing.	Contact the Hitachi Data Systems Support Center.	E
03405	056303	An error occurred during SVP processing.	Contact the Hitachi Data Systems Support Center.	E
03405	056513	An emulation type that cannot be added is specified.	Check the emulation type. If you want to change the cache segment size to set the specified emulation type, please call the Support Center.	W
03405	056515	The Disconnect External Storage Systems or the Disconnect External Volumes is not executed for the target volume.	Execute the Disconnect External Storage Systems or the Disconnect External Volumes, then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03405	056516	A pair of TrueCopy is defined.	Release the pair definition, and then retry the operation.	W
03405	056517	A pair of ShadowImage or Thin Image is defined.	Release the pair definition, and then retry the operation.	W
03405	057101	An error occurred during SVP processing.	Contact the Hitachi Data Systems Support Center.	E
03405	057102	An error occurred during SVP processing.	Contact the Hitachi Data Systems Support Center.	E
03405	058406	A pair of Universal Replicator is defined.	Release the pair definition, and then retry the operation.	W
03405	058407	A volume is defined as a journal volume of Universal Replicator.	Release the journal volume setting for Universal Replicator, and then retry the operation.	W
03405	058474	The specified operation cannot be performed because there is not enough memory available on the shared memory for the V-VOL management area.	Install the additional shared memory for the V-VOL management area, and then retry the operation. If the additional shared memory is already installed, the capacity of pools and V-VOLs has reached the maximum. In this case, delete unnecessary pools and V-VOLs, and then retry the operation.	W
03405	058572	An error occurred during communication with the storage system.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03405	058573	This function is not supported.	Verify the microcode versions of the DKCMAIN and the SVP.	E
03405	058574	An error occurred during communication with the storage system.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03405	058575	An error occurred during communication with the storage system.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03405	058576	A communication time-out error occurred on the storage system.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03405	058622	The configuration of Pool VOL is defined.	Release the configuration definition of Pool VOL, then retry the operation.	W
03405	065740	The configuration changing processes are conflicting at DKC.	Check if the configuration changing process by the Command Control Interface, the Volume Migration, or the Quick Restore is not in operation, and then retry the operation.	W
03405	065794	The specified virtual volume is not mounted.	Verify the target virtual volume.	W
03405	066501	The number of LDEVs that can be defined in an external volume	Check the number of LDEVs.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		has exceeded the maximum value.		
03405	066502	Specified ExG has already been used.	Check the setting of ExG.	W
03405	066503	The LDKC, CU, and LDEV are not set within the available range.	Verify the settings of the specified LDKC, CU, and LDEV.	W
03405	066504	Specified LDKC:CU:LDEV has already been used.	Check the setting of LDKC, CU, and LDEV.	W
03405	066505	The specified LDEV number has already been assigned to another emulation group within the range grouped by 32 LDEV numbers.	Check the setting of emulation groups within the range grouped by 32LDEV numbers.	W
03405	066506	The specified SSID is already used within a different range grouped by 32 LDEV numbers.	Verify the SSID settings.	W
03405	066507	The target external volume is blocked or not set within the range of capacity that can be used.	Check the status and the capacity of target external volume.	W
03405	066508	The specified LDEV capacity is not within the available range for creation.	Verify the settings of the LDEV capacity.	W
03405	066512	Specified CLPR is not mounted.	Check the setting of CLPR.	W
03405	066747	The value of SSID is not set within the available range.	Check the value of the specified SSID.	W
03405	066748	The specified SSID differs from the one already used within the range grouped by 32 LDEV numbers.	Verify the SSID settings.	W
03405	068723	An internal logic contradiction occurred on the storage system.	Contact the Hitachi Data Systems Support Center.	E
03405	068724	Shared memory is not installed.	Install the shared memory.	W
03405	068725	The specified operation cannot be performed because there is not enough memory available on the shared memory for the V-VOL management area.	Install the additional shared memory for the V-VOL management area, and then retry the operation. If the additional shared memory is already installed, the capacity of pools and V-VOLs has reached the maximum. In this case, delete unnecessary pools and V-VOLs, and then retry the operation.	W
03405	068726	The capacity of the specified DP-VOL is not within the available range for creation.	Verify the capacity of the DP-VOL.	W
03405	068727	Shared memory is being initialized.	Wait for a while, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03405	068728	The pool is in an abnormal state.	Recover the pool, then retry the operation.	W
03405	068748	The number of Dynamic Provisioning volumes that can be made in a single pool has exceeded the maximum.	Check the configuration of the current DP-VOL.	W
03405	068751	The storage system is in process to delete DP-VOL.	Wait for a while, then retry the operation.	W
03405	068800	Volume migration or Quick Restore is in progress.	Wait for the migrating volume or the Quick Restore to be completed, then retry the operation.	W
03405	068821	The specified volume is currently used by ShadowImage.	Wait until the processing of ShadowImage is complete, and then retry the operation. If this problem persists, call the Support Center.	E
03405	068822	The specified volume is currently used by Thin Image.	Wait until the processing of Thin Image is complete, and then retry the operation. If this problem persists, call the Support Center.	E
03405	068823	The specified volume is currently used by Volume Migration or nondisruptive migration.	Release the Volume Migration or nondisruptive migration setting, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03405	068824	The specified volume is currently used by TrueCopy.	Wait until the processing of TrueCopy is complete, and then retry the operation. If this problem persists, call the Support Center.	E
03405	068825	The specified volume is currently used by Universal Replicator.	Wait until the processing of Universal Replicator is complete, and then retry the operation. If this problem persists, call the Support Center.	E
03405	068884	Quorum disks are included in the items to be maintained.	Release the quorum disks, then retry the operation.	W
03405	068920	The total capacity of DP-VOLs defined in the specified pool exceeds the value that had been permitted to the pool.	Check the total capacity of DP-VOLs defined in the specified pool and its pool settings. If this problem persists, please call the Support Center.	W
03405	078005	The specified operation cannot be executed, because the LDEV capacity exceeds the maximum reserved pool capacity.	Check the specified LDEV capacity, then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03405	078006	The capacity of the specified LDEV is not within the available range for LDEV expansion.	Verify the available range for LDEV expansion, and then retry the operation.	W
03405	078007	Failed to expand the V-VOLs, because it took time for the processing.	Retry the operation.	W
03405	078009	The capacities of the virtual volumes that are being used by the following program products cannot be expanded: • ShadowImage • Thin Image • Volume Migration • TrueCopy • Universal Replicator • Global-active device	Verify the settings.	W
03405	078019	The operation cannot be executed, because the specified logical volume is not a Dynamic Tiering volume.	Check the specified logical volume, then retry the operation.	W
03405	078032	The specified MP Unit is not mounted.	Verify the specified MP Unit.	W
03405	078047	Enough cache management devices cannot be allocated to the target volumes.	Delete unnecessary volumes, and then retry the operation. When there is a Thin Image pair, delete all the pairs related to the unnecessary primary volumes, and then retry the operation. If this problem persists, call the Support Center.	W
03405	078049	The operation cannot be performed because the storage system is in the power-off process.	Power on the storage system, and then retry the operation.	W
03405	078061	The specified emulation type is different from the emulation type of the selected pool.	Specify the same emulation type as the pool.	W
03405	078062	The specified values of CU and pool ID do not follow the rule to create a volume of TSE attribute.	Set the values of CU and pool ID to the odd or the even number.	W
03405	078063	A TSE-VOL cannot be associated with a pool where the multi tier pool setting is enabled.	Specify a pool where the multi tier pool setting is disabled.	W
03405	078065	The storage system is in internal process, or a different user is changing the configuration.	Wait for a while, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03405	078076	The operation cannot be performed because the specified virtual volume is set to online from the OS that does not support EAV.	Set the specified virtual volume to offline, and then retry the operation.	W
03405	078197	The operation cannot be performed because the additional shared memory is being installed.	Wait until the installation of additional shared memory is complete, and then retry the operation.	W
03405	078198	The specified page range is not valid.	Specify the start page number and the length of the page range within the available range of the volume.	W
03405	078199	The specified page tiering level of the tiering policy is invalid.	Verify the specified page tiering level.	W
03405	078200	The processing of this page cannot be performed because an error occurred during the process of a different page.	Verify and correct the error in the different setting, and then retry the operation.	W
03405	078264	The operation cannot be performed because the monitoring data is changing.	Wait for a while, and then retry the operation.	W
03405	078266	The specified pool is not a Dynamic Provisioning pool.	Verify the settings for the specified pool.	W
03405	201001	The operation cannot be performed because a different application is running.	Wait until the processing of the application is complete, and then retry the operation.	W
03405	201002	This function is not supported.	Check whether the DKCMAIN firmware version and the Storage Navigator software version are mismatched.	W
03405	201003	The specified LDEV with the SLU attribute cannot be deleted because it is bound to an LDEV with the ALU attribute.	Unbind the LDEV with the SLU attribute from the LDEV with the ALU attribute, and then retry the operation.	W
03405	203001	The number of LDEVs with the ALU attribute will exceed the maximum.	Reduce the number of LDEVs with the ALU attribute, and then retry the operation.	W
03405	203002	The operation cannot be performed because a virtual LDEV ID is not set for the specified LDEV ID.	Set a virtual LDEV ID for the specified LDEV ID, and then retry the operation.	W
03405	203003	The specified ALU ID or SLU ID does not exist.	Verify the configuration of the LDEV with the ALU attribute or the LDEV with the SLU attribute, specify an existing ALU ID or SLU ID, and then retry the operation.	W
03405	203004	The operation cannot be performed because the LDEV ID	Specify the same virtual LDEV ID as the LDEV ID, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		and the virtual LDEV ID do not match.		
03405	203005	No commands are issued.	If the problem persists despite retrying, please call the Support Center.	W
03405	203006	The same IDs are included in the specified ALU IDs or SLU IDs.	Verify the ALU IDs or SLU IDs.	W
03405	203007	The specified volume cannot be used as an LDEV with the ALU attribute or that with the SLU attribute because it is used by Compatible PAV.	Specify a different LDEV ID or release the Compatible PAV setting, and then retry the operation.	W
03405	203008	An LDEV with the SLU attribute cannot be created because the specified pool is in shrinking operation.	Wait until the shrinking operation is complete, and then retry the operation.	W
03405	203009	The specified volume is not a virtual volume of Thin Image.	Specify a virtual volume of Thin Image.	W
03405	207001	An error occurred during processing.	Verify the details of the error.	W
03405	207002	An error occurred during SVP processing.	Contact the Hitachi Data Systems Support Center.	E
03405	207003	The binding information cannot be acquired because the number of bound LDEVs with the ALU attribute and the SLU attribute exceeds the maximum that can be operated at once.	Retry the operation.	W
03405	207010	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
03405	207011	This function is not supported.	Verify the DKCMAIN firmware version and the Storage Navigator software version., and then get them matched up properly.	E
03405	208000	An error occurred on the storage system.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
03405	208001	An error occurred on the storage system.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03405	208002	An error occurred on the storage system.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03405	208003	An error occurred on the storage system.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03405	208004	An error occurred on the storage system.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03405	208005	The specified LUN path does not exist.	Verify the settings, and then retry the operation.	W
03405	208006	An error occurred on the storage system.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03405	208007	An error occurred on the storage system.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03405	208008	An error occurred on the storage system.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03405	208009	An error occurred on the storage system.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03405	208010	An error occurred on the storage system.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03405	208011	The snapshot data of the Thin Image pair is not assigned to the virtual volume of Thin Image.	Assign the snapshot data of the Thin Image pair to the virtual volume of Thin Image, and then retry the operation.	W
03405	208012	An error occurred on the storage system.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03405	208013	An error occurred on the storage system.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03405	208014	The operation cannot be performed because different microcode versions coexist on the storage system.	Contact the Hitachi Data Systems Support Center to change the microcode, and then retry the operation.	E
03405	208020	An error occurred on the storage system.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03405	208021	An error occurred on the storage system.	Contact the Hitachi Data Systems Support Center.	E
03405	208022	The specified LDEV does not exist.	Specify an existing LDEV ID, and then retry the operation.	W
03405	208023	An error occurred on the storage system.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03405	208040	The specified volume is currently used by global-active device.	Release the global-active device setting, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
03405	208041	The capacity of the specified DP-VOL cannot be expanded because the configuration of the journal volume is changing.	Wait until the operation on the journal volume is complete, and then retry the operation.	W
03405	208042	No LDEVs with the SLU attribute can be created because the specified pools have the Data Direct Mapped attribute.	Verify the setting for the pools.	W
03405	208100	An error occurred on the storage system.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
03405	208101	An internal error occurred.	Contact the Hitachi Data Systems Support Center.	E
03405	208102	The operation cannot be performed because the specified volume is: • not contained; • not an HDT volume; or • blocked.	Verify the volume status and setting, and then retry the operation. If the volume is blocked, restore it, and then retry the operation.	W
03405	208106	The operation cannot be performed because any of the specified parameters is not valid.	Verify the following settings., and then retry the operation. • Session information • Control information • HDT volume ID • Monitoring data	W
03405	208107	Monitoring data is not properly set.	Monitoring data must be set in the order in which it is collected from the remote storage system. For monitoring data over multiple pages, verify the order of pages, and then set the data from the first page. If this problem persists, retry the operation from collecting the monitoring data.	W
03405	208110	The operation cannot be performed because the specified pool is: • not contained; or • not an HDT pool.	Verify the pool status and setting, and then retry the operation.	W
03405	208111	The specified pool is not in a state available for operation.	Verify the pool status. If the pool is blocked, restore it, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03405	208112	The monitoring data is not set or not valid.	Set the monitoring data again.	W
03405	208120	The operation cannot be performed because the storage system is in the power-off process.	Power on the storage system, and then retry the operation. For monitoring data over multiple pages, set the data from the first page.	W
03405	208130	Monitoring data cannot be collected from or set on the pool to which the specified volume belongs.	Verify the pool status, and then retry the operation. For monitoring data over multiple pages, collect or set the data from the first page.	W
03405	208131	Monitoring data cannot be collected from or set on the specified volume.	Verify the volume status, and then retry the operation. For monitoring data over multiple pages, collect or set the data from the first page.	W
03405	208132	The specified session ID or volume might not be valid, or this function might be performed on the specified volume by a different processing.	Verify whether the session ID and volume are properly specified. If they are correct, wait for three minutes or longer until the session times out, and then retry the operation.	W
03405	208133	The processing cannot continue because three minutes or longer have passed since the last operation.	For monitoring data over multiple pages, collect or set the data from the first page.	W
03405	208140	The operation cannot be performed because any of the specified parameters is not valid.	Verify the following settings., and then retry the operation. • Session information • Control information • HDT volume ID • Monitoring data	W
03405	208200	The operation cannot be performed because the storage system is in internal process, or the configuration is being changed by a different operation.	Wait for a while, and then retry the operation.	W
03405	208301	The specified LDEVs do not exist.	Verify the settings.	W
03405	208302	The specified LDEVs are not Dynamic Provisioning volumes.	Specify Dynamic Provisioning volumes.	W
03405	208310	The LDEV ID specified for the pool volume is outside the setting range.	Verify the specified LDEV ID of the pool volume.	W
03405	208312	The operation cannot be performed because the required number of cache management devices cannot be allocated.	See the following sections in the Provisioning Guide, and reserve the required number of cache management devices:	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			• Description of cache management devices • Troubleshooting for cache management devices If the required number of cache management devices is already reserved, contact the Hitachi Data Systems Support Center.	
03405	208313	The specified pool ID is outside the setting range.	Verify the specified pool ID.	W
03405	208314	The operation cannot be performed because the specified pool has the following problems: • The pool usage exceeds the threshold. • The pool status is not valid.	Verify the following items, and then retry the operation: • The pool capacity • The threshold for pool usage • The pool status	E
03405	208315	The operation cannot be performed, because deduplication system data volumes have already been allocated to the specified pools.	Release the allocations of the deduplication system data volumes to the specified pools, and then retry the operation.	W
03405	208316	Deduplication system data volumes are not allocated to the specified pools.	Click the refresh button to display the latest information on the window, and then verify the settings of the specified pools.	W
03405	208317	The operation cannot be performed because the preceding operation is being processed.	Wait for a while, and then retry the operation.	W
03405	208318	The operation cannot be performed, because DP-VOLs whose capacity saving setting is Deduplication and Compression are contained in the specified pools.	Set Capacity Saving to Disabled or Compression for all DP-VOLs in the specified pools, and then retry the operation.	W
03405	208319	The deduplication system data volume cannot be unassigned, because the deduplication rate (%) of the specified pool is greater than 0.	Perform the following actions, and then retry the operation: • If the data of the DP-VOLs associated with the pool is not necessary or has been backed up, format the deduplication system data volume. • In other cases, change the capacity saving setting to Disabled or Compression for the DP-VOLs whose setting is currently Deduplication and Compression.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03405	208320	The specified pool does not exist.	Click the refresh button to display the latest information on the window, and then verify the settings.	W
03405	208321	The operation cannot be performed because there is not enough installed shared memory.	Add more shared memory.	E
03405	208322	The program product required for using the dedupe and compression function is not installed.	Install the required program product.	W
03405	208323	The specified LDEV ID is already in use.	Specify a different LDEV ID, and then retry the operation.	W
03405	208326	The operation cannot be performed, because the deduplication system data volume and the pool volumes are allocated to different resource groups.	Allocate the deduplication system data volume and the pool volumes to the same resource group.	W
03405	208335	The specified operation cannot be performed because there is not enough shared memory for the V-VOL management area.	Add more shared memory for the V-VOL management area, and then retry the operation. If shared memory for the V-VOL management area has already been added, the capacity of pools and virtual volumes has reached the maximum. In this case, delete unnecessary pools and virtual volumes, and then retry the operation.	W
03405	208340	The capacity saving setting cannot be enabled, because the full allocation setting is enabled.	Disable the full allocation setting, and then retry the operation.	W
03405	208341	The deduplication system data volume cannot be allocated, because a pool with the data direct mapping attribute is specified.	Disable the data direct mapping attribute for the specified pool, and then retry the operation.	W
03405	208342	The operation cannot be performed because the SVP software version does not match the DKCMAIN firmware version.	Verify the firmware version of the DKCMAIN and the software version of the SVP.	W
03405	208343	An internal error occurred.	Contact the Hitachi Data Systems Support Center.	E
03405	208344	The specified operation cannot be performed because the maximum reserved pool capacity is not enough.	Change the maximum reserved pool capacity, and then retry the operation.	W
03405	208345	The operation cannot be performed, because the multi-tier pool setting of the pool	Disable the multi-tier pool setting of the pool associated with the specified LDEV, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		associated with the specified LDEV is enabled.		
03405	208346	The specified operation cannot be performed, because the cache memory is blocked.	If an error occurred on the storage system or SVP, refer to the manual and perform recovery. If no such error occurred and the problem persists, contact the Hitachi Data Systems Support Center.	W
03405	208347	The specified volume is not valid.	Verify the LDKC, CU, and LDEV settings.	W
03405	208348	The number of DP-VOLs to be set for the storage system exceeds the maximum number of DP-VOLs that can be set for a storage system.	Revise the settings, and then retry the operation.	W
03405	208349	The specified LDEV ID is already in use.	Specify a different LDEV ID, and then retry the operation.	W
03405	208351	The specified LDEV ID is not valid.	Specify an LDEV ID such that the emulation type of all LDEVs in the group of 32 LDEV IDs including the specified LDEV ID is the same.	W
03405	208353	An error occurred on the storage system. The configuration might not be consistent.	From the File menu, click Refresh All to refresh the configuration information.	W
03405	208355	The operation cannot be performed because the specified pool is a Thin Image pool.	Specify a Dynamic Provisioning pool.	W
03405	208357	The deduplication system data volumes cannot be allocated, because pools for which the full allocation setting is enabled are specified.	Disable Full Allocation for the specified pools, and then retry the operation.	W
03405	208358	The capacity saving setting cannot be changed, because the specified LDEV is blocked.	Restore the specified LDEV, and then retry the operation.	W
03405	208359	The emulation type of the specified LDEV cannot be used.	Verify that the specified information is correct.	W
03405	208360	The specified LDEV is already being used as a JNL volume by Universal Replicator.	Specify a different LDEV, and then retry the operation.	W
03405	208361	The operation cannot be performed, because the specified LDEV is in a state in which the capacity saving setting cannot be changed.	Verify the capacity saving status of the specified LDEV. The status of the LDEV should be one of the following: • Enabled • Rehydrating	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			If the capacity saving status is Rehydrating, wait for a while, and then retry the operation.	
03405	208362	Capacity Saving cannot be set to Compression or Deduplication and Compression, because an LDEV with the data direct mapping attribute is specified.	Disable the data direct mapping attribute of the specified LDEV, and then retry the operation.	W
03405	208363	The operation cannot be performed, because the deduplication system data volume of the pool associated with the specified LDEV is blocked.	Restore the specified LDEV, and then retry the operation.	W
03405	208364	The pool associated with the specified LDEV is in a state in which the capacity saving setting cannot be changed.	To set Capacity Saving to Disabled, verify that the status of the pool is one of the following, and then retry the operation: • Normal • Exceeded Threshold To set Capacity Saving to other than Disabled, verify that the status of the pool is Normal, and then retry the operation.	W
03405	208365	The operation cannot be performed, because a deduplication system data volume is specified.	Specify an LDEV that is not a deduplication system data volume.	W
03405	208366	The operation cannot be performed, because one or more MPs are blocked.	Restore all blocked MPs, and then retry the operation.	W
03405	208367	The operation cannot be performed, because the specified LDEVs belong to "NAS_Platform_System_RSG".	Move the selected LDEVs to a different resource group from "NAS_Platform_System_RSG" , and then retry the operation.	W
03405	208368	The operation cannot be performed, because the storage system is performing internal processing or another user is changing the configuration.	Wait for a while, and then retry the operation.	W
03405	208369	The specified number of the deduplication system data volumes exceeds the maximum number that can be specified for a single pool.	Verify that the specified information is correct.	W
03405	208370	The operation cannot be performed, because the same pool ID was specified more than once.	Verify that the specified information is correct.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03405	208371	The operation cannot be performed, because the specified LDEV is being used as the source or target volume by Volume Migration.	Verify that the specified LDEV is correct, and then retry the operation.	W
03405	208372	The operation cannot be performed, because a Quick Restore operation is being performed on the specified LDEV.	Wait until the Quick Restore operation is complete, and then retry the operation.	W
03405	208406	The capacity saving setting of the specified LDEVs cannot be changed to Compression or Deduplication and Compression.	Verify that the capacity saving status of the LDEVs is Enabled, and then retry the operation.	W
03405	208407	The capacity saving setting of the specified LDEVs cannot be changed to Compression or Deduplication and Compression.	Verify that the capacity saving status of each LDEV is one of the following, and then retry the operation: • Disabled • Enabling	W
03405	208408	The capacity saving setting of the specified LDEVs cannot be changed to Disabled.	Verify that the capacity saving status of each LDEV is one of the following, and then retry the operation: • Enabling • Enabled • Rehydrating	W
03405	208409	The capacity saving setting of the specified LDEVs cannot be changed from Deduplication and Compression to Compression.	Change the capacity saving setting of the LDEVs to Disabled, and then change the setting to Compression.	W

Part code 03505

Table 5-9 Error codes (part code 03505)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03505	005625	An internal logic error occurred.	Contact the Hitachi Data Systems Support Center.	W
03505	005626	The specified volume cannot be used because it is write-protected by Data Retention Utility.	Release the write-protection by the Data Retention Utility.	W
03505	005655	The capacities of the volumes specified as the primary volume	Specify volumes with the same capacity.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		and the secondary volume do not match.		
03505	005821	This operation has been rejected. The Data Retention Utility setting does not allow the specified volume(s) to be specified as S-VOL(s).	Change the setting of Data Retention Utility so that the specified volumes can be used as S-VOLs.	W
03505	006502	Processing in progress. Please wait for a while, and then retry the operation.	Wait for a while, and then retry the operation.	W
03505	006503	The target volume status is being changed to SMPL.	Wait for a while, and then retry the operation.	W
03505	006520	The command has been rejected, because the specified volume was registered in the Security Group that cannot specify T-VOL(Secondary Volume).	Perform either of the following operations: • Change the attribute of the security group so that the secondary volume can be specified. • Remove the specified volume from the security group.	W
03505	006537	The setting could not be applied because there is an error in a different setting.	Verify the error factor in another setting and then retry the operation.	W
03505	007310	This error code is not registered.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
03505	008001	A time-out error occurred.	Verify the status of the controller, and then retry the operation.	W
03505	008500	Sufficient amount of shared memory is not installed or the program product is not installed.	Add shared memory or confirm whether the necessary program product key is installed.	W
03505	008501	The command has been rejected, because the command specified last time is being processed.	Wait for a while, and then retry the operation.	W
03505	008503	You cannot create the new pair, because a remote copy pair exists in the same storage system frame.	Delete the Remote Copy pair.	W
03505	008504	The specified command cannot be run due to one of the following reasons: • The current pair configuration or status, or volume status dose not meet the requirements for the command.	Take either of the following actions, and then retry the operation. • See the *ShadowImage User Guide* to verify the pair configuration or status, or the volume status. • Perform the pair operation respectively on the pairs of one-to-	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• A pair operation is performed on some pairs of one-to-multiple volumes or L1 and L2 pairs at the same time.	multiple volumes or the L1 and L2 pairs.	
03505	008505	The command cannot be run because the pair operation cannot be performed in the current pair status, or because there is a pair operation that cannot be performed if it is done on some pairs of one-to-multiple volumes or L1 and L2 pairs at the same time.	See the *ShadowImage User Guide* for the relation between the pair status and the operation that can be performed. Perform the pair operation respectively on the pairs of one-to-multiple volumes or the L1 and L2 pairs.	E
03505	008506	The command cannot be run because the specified secondary volume is used by the host.	Vary the secondary volume offline from the host, and then retry the operation.	W
03505	008507	The Pairsplit (Split Pairs) command was issued to the pairs in a PSUS status.	The Pairsplit command cannot be run because the pair is already in the PSUS status.	W
03505	008508	The Paircreate (Create Pairs) command was issued to the pairs in the PSUS status.	The Paircreate command cannot be run because the pair is already in the PSUS status.	W
03505	008509	The Pairsplit (Split Pairs) command with the QUIESCE specification was issued to a secondary boot device.	Verify the settings, and then retry the operation.	W
03505	008510	The P-VOL Suspend command was issued to a secondary boot device.	Verify the settings, and then retry the operation.	W
03505	008512	Cannot perform Pairresync (Resync Pairs) or Pairsplit-E (Suspend Pairs) operation because of the path group setting.	Detach the S-VOL from the host, or delete the Remote Copy path.	W
03505	008513	The command could not be executed because the specified primary volume is used by the host.	Run the vary offline command to disable the primary volume from the mainframe host, and then retry the operation.	W
03505	008516	The number of P-VOL cylinders exceeds the maximum.	Verify the settings, and then retry the operation.	W
03505	008517	The number of S-VOL cylinders exceeds the maximum.	Verify the settings, and then retry the operation.	W
03505	008518	You cannot create a pair because the track format is different.	Check if the specified emulation type is the same or not.	W
03505	008519	The capacities of the volumes specified as the primary volume	Specify volumes with the same capacity.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		and the secondary volume do not match.		
03505	008520	The pair cannot be created because the volume types are different.	Select volumes with the same emulation type, and then retry the operation.	W
03505	008521	The number of multiple copy jobs exceeded the maximum.	Verify the settings, and then retry the operation.	W
03505	008522	The emulation type of the P-VOL is not supported.	Specify the emulation type supported in HOMRCF.	W
03505	008523	The emulation type of the S-VOL is not supported.	Specify the emulation type supported in HOMRCF.	W
03505	008525	An internal logic error occurred.	Contact the Hitachi Data Systems Support Center.	E
03505	008526	An internal logic error occurred.	Contact the Hitachi Data Systems Support Center.	E
03505	008527	An internal logic error occurred.	Contact the Hitachi Data Systems Support Center.	E
03505	008528	An internal logic error occurred.	Contact the Hitachi Data Systems Support Center.	E
03505	008529	An internal logic error occurred.	Contact the Hitachi Data Systems Support Center.	E
03505	008530	An internal logic error occurred.	Contact the Hitachi Data Systems Support Center.	E
03505	008531	An internal logic error occurred.	Contact the Hitachi Data Systems Support Center.	E
03505	008532	The command has been rejected, because the P-VOL or the S-VOL is being used by the host.	Stop the usage by the host.	W
03505	008535	A processor failure was detected.	Contact the Hitachi Data Systems Support Center.	E
03505	008536	A cache failure was detected.	Contact the Hitachi Data Systems Support Center.	E
03505	008537	The cache capacities do not match.	Contact the Hitachi Data Systems Support Center.	E
03505	008538	An SM failure was detected.	Contact the Hitachi Data Systems Support Center.	E
03505	008539	There is not enough shared memory on the local storage system to create 4096 pairs.	The shared memory on the local storage system is not enough. Contact the Hitachi Data Systems Support Center.	E
03505	008540	There is sufficient shared memory to create 4096 pairs,	Contact the Hitachi Data Systems Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		but initial storage system setup is required before creating pairs.		
03505	008541	There is sufficient shared memory to create 4096 pairs, and the initial storage system setup is complete.	Close the message box.	i
03505	008542	Failed to complete the initial shared memory setup.	Contact the Hitachi Data Systems Support Center.	E
03505	008543	The shared memory size is different.	Contact the Hitachi Data Systems Support Center.	E
03505	008544	16 Mbytes of shared memory is available.	-	i
03505	008545	A power supply failure is detected.	Contact the Hitachi Data Systems Support Center.	E
03505	008546	The command was rejected. The PS OFF is in progress.	Retry the operation with power ON.	W
03505	008547	A data transfer failure is detected (CHA).	Contact the Hitachi Data Systems Support Center.	E
03505	008548	A data transfer failure is detected (DKA).	Contact the Hitachi Data Systems Support Center.	E
03505	008549	The P-VOL is not implemented.	Operations cannot be performed on unconfigured volumes.	W
03505	008550	The command could not be executed because the specified primary volume is blocked or used as a system disk.	Restore the blocked volume, or select a volume that is not a system disk, and then retry the operation.	E
03505	008551	The primary volume is being formatted or shredded.	Wait until the volume is formatted, and then retry the operation.	W
03505	008552	This volume cannot be specified as an P-VOL because it is used as a command device.	Check the target volume.	W
03505	008553	The S-VOL is not implemented.	Operations cannot be performed on unconfigured volumes.	W
03505	008554	The command could not be executed because the specified secondary volume is blocked or used as a system disk.	Restore the blocked volume, or select a volume that is not a system disk, and then retry the operation.	W
03505	008555	The secondary volume is being formatted or shredded.	Wait until the volume is formatted, and then retry the operation.	W
03505	008556	This volume cannot be specified as an S-VOL because it is used as a command device.	A volume that is not used as a command device shall be specified as an S-VOL.	W
03505	008557	The volume is not implemented.	Operations cannot be performed on unconfigured volumes.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03505	008559	The volume is being formatted.	Wait until the volume is formatted, and then retry the operation.	W
03505	008560	This volume cannot be specified because it is used as a command device.	Specify a volume that is not used as a command device.	W
03505	008569	The command cannot be run because the area of the differential table or the pair table to set pairs is not enough.	See the *ShadowImage User Guide* or the *Thin Image User Guide* for the relation between the number of pairs that can be created and the shared memory.	W
03505	008570	The selected volume does not exist.	Refresh the window, and then retry the operation.	W
03505	008572	The volume is already defined as a P-VOL.	Check the status of the volume.	W
03505	008573	The volume is defined as a source volume for Volume Migration.	Release the Volume Migration setting.	W
03505	008574	The volume is defined as a target volume for Volume Migration.	Release the Volume Migration setting.	W
03505	008582	The emulation type of the target volume is being changed.	Wait for a while, and then retry the operation.	W
03505	008583	The RAID level of the specified volume is not supported.	Specify a volume of the supported RAID level.	W
03505	008586	The number of groups that can be set in the same storage system is invalid.	Verify the settings, and then retry the operation.	W
03505	008587	The number of pairs that can be set in the same group is invalid.	Verify the settings, and then retry the operation.	W
03505	008588	The specified group number is not set.	Verify the settings, and then retry the operation.	W
03505	008589	The specified group name is invalid.	Verify the settings, and then retry the operation.	W
03505	008590	The group name and the number do not match.	Verify the settings, and then retry the operation.	W
03505	008591	The specified pair is already set in another group.	Verify the settings, and then retry the operation.	W
03505	008592	The command was rejected because the licensed capacity was exceeded.	Check the capacity of the installed license key. To create more pairs, purchase a license key for larger capacity.	W
03505	008593	The P-VOL is a source volume for Volume Migration.	Release the Volume Migration setting.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03505	008594	The P-VOL is a target volume for Volume Migration.	Release the Volume Migration setting.	W
03505	008595	The specified P-VOL does not exist.	Refresh the window, and then retry the operation.	W
03505	008597	No more pairs can be created with the specified primary volume.	See the *ShadowImage User Guide* or the *Thin Image User Guide* for the pair configuration.	W
03505	008598	The specified volume is not a P-VOL.	Check the volume status.	W
03505	008599	The specified volume is already used as a primary volume.	Select a different volume, and then retry the operation, or release the pair of the selected volume, and then retry the operation.	W
03505	008600	The RAID level of the specified volume is not supported.	Select a volume of the supported RAID level, and then retry the operation.	W
03505	008601	The specified S-VOL (Primary Volume) cannot be paired with a backup server volume.	Verify the settings, and then retry the operation.	W
03505	008602	The command has been rejected, because the specified P-VOL has already been used as S-VOL of the other pair.	The volume used as S-VOL of the other pair cannot be used as P-VOL.	W
03505	008603	The target volume is set as a primary volume for Data Migration.	Please delete a Data Migration pair.	E
03505	008604	The target volume is set as a secondary volume for Data Migration.	Please delete a Data Migration pair.	E
03505	008605	The Pairresync (Resync Pairs) command was issued to a device in the SMPL status.	Check the pair status.	W
03505	008606	The operation to create an L2 pair was rejected because the P-VOL of the L1 pair is used as the P-VOL of a TrueCopy pair.	When the P-VOL of the L1 pair is used as a P-VOL of a TrueCopy pair, the L2 pair cannot be created.	W
03505	008607	The command cannot be run because the specified secondary volume is used as a primary volume of a TrueCopy pair.	See the *ShadowImage User Guide* for the relation between the pair status of TrueCopy and the ShadowImage operations. See the *Thin Image User Guide* for the relation between the pair status of TrueCopy and the Thin Image operations.	W
03505	008608	The specified S-VOL is not defined.	Refresh the window, and then retry the operation.	W
03505	008610	The S-VOL is a target volume for Volume Migration.	Release the Volume Migration setting.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03505	008611	The operation failed because the specified S-VOL was used as S-VOL of other pairs.	Specify another volume.	W
03505	008612	The specified volume is not an S-VOL.	Check the status of the volume.	W
03505	008613	The RAID level of the specified S-VOL is not supported.	Specify the volume number of the supported RAID level.	W
03505	008614	The command was rejected because the specified S-VOL is used as a P-VOL of a TrueCopy pair.	The requested command cannot be executed in the current TrueCopy pair status. See the *ShadowImage User Guide* for the relation between the TrueCopy pair statuses and the ShadowImage operations.	W
03505	008615	The command cannot be run because the specified secondary volume is used as a secondary volume of a TrueCopy pair.	Specify a different volume.	W
03505	008616	The S-VOL is used as a primary volume for Data Migration.	Please delete a Data Migration pair.	E
03505	008617	The target S-VOL is used as a secondary volume for Data Migration.	Please delete a Data Migration pair.	E
03505	008618	The S-VOL is already defined as a P-VOL.	Check the volume number.	W
03505	008619	The specified S-VOL is defined as a source volume for Volume Migration.	Release the Volume Migration setting.	W
03505	008624	The command has been rejected, because there is no pair to be operated.	Verify if the specified P-VOL and S-VOL are correct.	W
03505	008625	The P-VOL(S-VOL) and S-VOL(T-VOL) have the same number.	Check the specified volume number.	W
03505	008626	The SMPL command could not be executed because the quick split operation is in progress.	Wait until the quick split operation is complete, and then retry the operation.	W
03505	008627	The Pairresync operation has been rejected, because pair status is COPY(SP)/COPY.	Wait until the status of the pair changes to PSUS.	W
03505	008628	The operation of the L1 pair failed because the L2 pair was in COPY(SP)/COPY status or PSUS(SP)/COPY status.	Wait until the L2 pair status changes to PSUS, and then retry the operation.	W
03505	008631	The specified CU number is invalid.	Contact the Hitachi Data Systems Support Center.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03505	008632	The timing of issuing the command is invalid.	Contact the Hitachi Data Systems Support Center.	E
03505	008633	The abnormal status is invalid.	Contact the Hitachi Data Systems Support Center.	E
03505	008637	The specified P-VOL is used as a source volume for Volume Migration.	Specify other volume(s), or release the Volume Migration setting.	W
03505	008638	The command could not be executed because the specified primary volume is set for use in Cache Residency Manager.	Release the Cache Residency Manager setting, or select a different volume, and then retry the operation.	W
03505	008639	The command could not be executed because the specified secondary volume is set for use in Cache Residency Manager.	Release the Cache Residency Manager setting, or select a different volume, and then retry the operation.	W
03505	008640	The command cannot be run because there is a pair in the status of Reverse Copy or Quick Restore among pairs that share a primary volume, or because there is a pair operation that cannot be performed if it is done on some pairs of one-to-multiple volumes or L1 and L2 pairs at the same time.	Wait until the Reverse Copy or Quick Restore operation is complete, and then retry the operation. Perform the pair operation respectively on the pairs of one-to-multiple volumes or the L1 and L2 pairs.	W
03505	008641	The L1 pairs contain a pair in the Reverse Copy or Quick Restore status.	Wait until the Reverse Copy or Quick Restore operation is complete, and then retry the operation. Perform the pair operation respectively on the pairs of one-to-multiple volumes or the L1 and L2 pairs.	W
03505	008642	The command has been rejected, because the specified S-VOL is shared as the P-VOL of the other pair and the pair is in the COPY(RS-R)/RCPY status.	Wait until the status of the pair sharing the primary volume becomes PAIR, and then retry the operation. See the section "Operations permitted for L1, L2 pairs" in the *ShadowImage User Guide* for the relation between the status of pairs and ShadowImage operations.	W
03505	008643	The Resync Pairs operation cannot be performed because the specified pair is not in the PSUS status. Or the command cannot be run because there is a pair operation that cannot be performed if it is done on some pairs of one-to-multiple volumes or L1 and L2 pairs at the same time.	See the section "Pair resynchronization" in the *ShadowImage User Guide* for the relation between the pair status and the ShadowImage operations. Perform the pair operation respectively on the pairs of one-to-multiple volumes or the L1 and L2 pairs.	W
03505	008644	The operation failed because the pairs sharing a P-VOL contain a	Verify the status of the pairs that share the P-VOL.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		pair in other than PSUS or PSUE status.		
03505	008645	The Reverse Copy command could not be executed because the primary volume was shared with the primary volume of a remote replication pair.	Release the remote replication pair, and then retry the operation.	W
03505	008646	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
03505	008647	The Reverse Copy command could not be executed because the secondary volume was shared with the primary volume of a remote replication pair.	Release the remote replication pair, and then retry the operation.	W
03505	008648	The boot device and the P-VOL do not match in the Paircreate (Create Pairs) command.	Check the specified volume number.	W
03505	008649	Because the boot device is the S-VOL in the Pairsplit-S (Delete Pairs) command, the flag does not match.	Check the specified volume number.	W
03505	008650	The boot device and the P-VOL do not match in the Paircreate (Create Pairs), Pairresync (Resync Pairs), or Pairsplit-S (Delete Pairs) command.	Check the target volume number.	W
03505	008651	The SSID is invalid.	Verify the settings, and then retry the operation.	W
03505	008652	The boot device is not a P-VOL nor S-VOL.	Check the target volume number.	W
03505	008653	Because the boot device is the P-VOL in the Pairsplit-S (Delete Pairs) command, the flag does not match.	Check the target volume number.	W
03505	008654	Boot device and S-VOL do not match in Paircreate (Create Pairs), Pairresync (Resync Pairs), or Pairsplit-S (Delete Pairs) instruction.	Check the target volume number.	W
03505	008655	An invalid secondary SSID is specified for the Paircreate (Create Pairs) or Pairresync (Resync Pairs) command.	Verify the settings, and then retry the operation.	W
03505	008656	The secondary SSID specified for the Pairsplit-S(Delete Pairs)	Verify the settings, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		or Pairsplit(Split Pairs) command is invalid.		
03505	008657	The Swap&Freeze option cannot be specified, because the mode 80 is on.	Please call the Support Center.	E
03505	008695	The specified MU number is not less than or equal to 2.	Correct the MU number, and then retry the operation.	W
03505	008696	The command has been rejected, because the specified S-VOL(Primary Volume) is being used as a volume of a Compatible FlashCopy(R) V2 pair or a Compatible Software for IBM(R) FlashCopy(R) SE pair.	Delete the Compatible FlashCopy(R) V2 pair or Compatible Software for IBM(R) FlashCopy(R) SE pair, or specify another volume.	W
03505	008697	The command has been rejected, because the specified T-VOL(Secondary Volume) is being used as the volume of a Compatible FlashCopy(R) V2 pair a Compatible Software for IBM(R) FlashCopy(R) SE pair.	Delete the Compatible FlashCopy(R) V2 pair or Compatible Software for IBM(R) FlashCopy(R) SE pair, or specify another volume.	W
03505	008698	The command could be executed because the specified volume is being used as a volume of a Compatible FlashCopy(R) V2 pair or a Compatible Software for IBM(R) FlashCopy(R) SE pair.	Delete the Compatible FlashCopy(R) V2 pair or Compatible Software for IBM(R) FlashCopy(R) SE pair, or specify another volume.	W
03505	008699	The command of Reverse Copy or Quick Restore has been rejected, because the specified S-VOL(Primary Volume) is being shared with the volume of a Compatible FlashCopy(R) V2 pair or a Compatible Software for IBM(R) FlashCopy(R) SE pair.	Delete the Compatible FlashCopy(R) V2 pair or Compatible Software for IBM(R) FlashCopy(R) SE pair, or specify another volume.	W
03505	008920	The operation on the L2 pair cannot be performed because the L1 pair is not in the PSUS status. Or the command cannot be run because there is a pair operation that cannot be performed if it is done on some pairs of one-to-multiple volumes or L1 and L2 pairs at the same time.	Wait until the L1 pair changes to the PSUS status, and then retry the operation. Perform the pair operation respectively on the pairs of one-to-multiple volumes or the L1 and L2 pairs.	W
03505	008941	Failed to make or cancel a reservation of consistency group.	Refresh the window, and then verify the status of the consistency group.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03505	008946	A pair status cannot be changed because the Split time of Consistency Group is set.	Reset the Split time of Consistency Group from the mainframe host.	W
03505	008991	The command has been rejected, because the Compatible FlashCopy(R) V2 relationship exists.	Withdraw the Compatible FlashCopy(R) V2 relationship.	W
03505	008992	The command has been rejected, because sufficient amount of shared memory is not installed.	Install additional shared memory.	E
03505	008993	The command has been rejected, because the shared memory is not set for Compatible FlashCopy(R) V2.	Set the shared memory extension setting for Compatible FlashCopy(R) V2.	E
03505	008994	The command has been rejected, because the storage system is busy.	Wait for a while, and then retry the operation.	W
03505	008995	The command has been rejected, because the Compatible FlashCopy(R) V2 relationship exists.	Withdraw the Compatible FlashCopy(R) V2 relationship.	W
03505	008996	The command has been rejected, because the storage system is busy.	Wait for a while, and then retry the operation.	W
03505	055264	The command was rejected because you tried to create a pair using a volume with VMA setting by Data Retention Utility and a volume without VMA setting.	You cannot create a pair with these volumes. If you want to create a pair, you must use the volumes to both of which VMA is set or not.	W
03505	055301	You cannot create the pair because the licensed capacity of Data Retention Utility is insufficient.	Increase the licensed capacity of Data Retention Utility, and then retry the operation.	W
03505	055645	Quick Restore cannot be performed because the specified pair is composed of the external volumes with different cache mode settings.	Use the Reverse Resync option.	W
03505	058000	The command has been rejected because the cascade request for creating cascade pairs composed of volumes belonging to the same consistency group was issued.	Select a different volume or release the consistency group setting.	W
03505	058001	The operation on the L2 pair cannot be performed because the L1 pair is in the COPY(SP)/	Wait until the L1 pair changes to the PSUS or PAIR status, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		COPY, PSUS(SP)/COPY, or COPY(RS-R)/RCPY status. Or the command cannot be run because there is a pair operation that cannot be performed if it is done on some pairs of one-to-multiple volumes or L1 and L2 pairs at the same time.	Perform the pair operation respectively on the pairs of one-to-multiple volumes or the L1 and L2 pairs.	
03505	058002	The Quick Restore command has been rejected because the specified pair is composed of a normal volume and a customized volume (CV).	The quick restore operation cannot be performed when the pair is composed of a normal volume and a customized volume (CV). Select a different pair.	W
03505	058003	The command has been rejected because a Remote Copy pair exists in the same storage system frame.	To continue the operation, delete the remote copy pair.	W
03505	058259	The Quick Restore command could not be executed because the specified pair contains external volumes and also is used as a remote replication pair.	Delete the remote replication pair or perform the operation on other pairs.	W
03505	058260	The command was rejected because the specified P-VOL is used as a P-VOL of a TrueCopy pair.	The requested command cannot be executed in the current TrueCopy pair status. See the *ShadowImage User Guide* for the relation between the TrueCopy pair statuses and the ShadowImage operations.	W
03505	058261	The command has been rejected, because the specified P-VOL is used as S-VOL of TrueCopy pair.	The requested command cannot be executed in the current status of TrueCopy pair. See the section "Sharing ShadowImage volumes" in the *ShadowImage User Guide* for the relation between the state of TrueCopy pair and the ShadowImage operations.	W
03505	058262	A pair cannot be created because shared memory for differential tables is in sufficient.	Add sufficient shared memory to create a pair.	i
03505	058299	The operation failed because the specified P-VOL was a data volume of Universal Replicator. Check the requirements for using the volume with Universal Replicator.	Check the requirements for using the volume with Universal Replicator.	W
03505	058300	The operation failed, because the specified S-VOL was a data volume of Universal Replicator.	Release the Universal Replicator setting or specify another volume.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03505	058351	The Quick Restore command could not be executed because the specified pair contains external volumes, and also is used as a Universal Replicator pair.	Delete the Universal Replicator pair, or perform the operation on a different pair.	W
03505	058356	The command was rejected because the specified volume is used by the Universal Replicator and the TrueCopy.	Release the pair of Universal Replicator or the pair of TrueCopy, and then retry the operation.	W
03505	058451	The storage system is busy (internal processing).	If the problem persists despite retrying, please call the Support Center.	W
03505	058476	The operation cannot be performed, because the specified P-VOL is a P-VOL for Thin Image.	Release the Thin Image pair, or select another volume.	W
03505	058477	The operation cannot be performed, because the specified P-VOL is a V-VOL for Thin Image.	Select a different volume.	W
03505	058478	The operation cannot be performed, because the specified P-VOL is a pool volume.	Release the pool volume or select another volume.	W
03505	058479	The operation cannot be performed because the specified secondary volume is a primary volume of ShadowImage or Thin Image.	Delete the ShadowImage pair or the Thin Image pair, or select a different volume.	W
03505	058480	The operation cannot be performed, because the specified S-VOL is a V-VOL for Thin Image.	Select a different volume.	W
03505	058481	The operation cannot be performed, because the specified S-VOL is a pool volume.	Release the pool volume or select another volume.	W
03505	058518	The operation failed, because the Thin Image pair(s) existed.	To continue the operation, delete all Thin Image pair(s) and retry.	W
03505	058519	The operation failed, because the Thin Image pair(s) existed.	To continue the operation, delete all Thin Image pair(s) and retry.	W
03505	058520	The operation failed, because different versions of microcodes coexisted in the storage system.	Replace the microcode, and then retry the operation.	E
03505	058533	The operation failed, because the specified P-VOL was a journal volume.	Release the journal volume setting, or specify another volume.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03505	058534	The operation failed, because the specified S-VOL was a journal volume.	Release the journal volume setting, or specify another volume.	W
03505	058536	The operation could not be performed because the specified secondary volume is a Universal Replicator volume.	Check the requirements for using the volume with Universal Replicator.	W
03505	058579	The operation could not be performed because the specified volume is being shredded by Data Retention Utility.	Verify that the shredding is complete in the Data Retention Utility window, and then retry the operation.	W
03505	058582	The command has been rejected, because the specified S-VOL is used as P-VOL of Thin Image or the specified MU number is already used.	The specified command cannot be executed with the current pair composition. See the section about the Interoperability with other products and functions and the ShadowImage described in the *Thin Image User Guide* for the condition of sharing the volumes between Thin Image and ShadowImage.	W
03505	058583	The operation failed because the volume was shared by a Thin Image pair.	To continue the operation, release the Thin Image setting.	W
03505	058584	The operation failed because the volume was shared by a Thin Image pair in COPY (RS-R)/ RCPY status.	Check the conditions for using ShadowImage in conjunction with Thin Image.	W
03505	058585	The operation failed because the CU group of the specified volume is not supported.	Volumes that do not belong to CU group 0 are currently not supported. Specify another volume.	W
03505	058630	The operation cannot be performed because the specified primary volume is used by a delta resync pair of Universal Replicator.	See the *ShadowImage User Guide* for the relation between the pair status of Universal Replicator and the ShadowImage operations. See the *Thin Image User Guide* for the relation between the pair status of Universal Replicator and the Thin Image operations.	W
03505	058631	The operation failed because the specified S-VOL was used by Delta resync of Universal Replicator.	The P-VOL of Universal Replicator pair for Delta resync cannot be specified as S-VOL. Specify another volume.	W
03505	058711	The operation could not be performed because the specified MU number is already used.	Refresh the ShadowImage window, and check the MU number that can be used.	W
03505	058906	The operation failed because the volume specified as the P-VOL was used as the S-VOL of another pair and the volume	Verify the pair configurations. See the *ShadowImage User Guide* for the relation between the configuration and the operation of pairs.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		specified as the S-VOL was used as the P-VOL of another pair already.		
03505	068021	0 cannot be specified as the MU number of L2 pair.	Specify other MU numbers.	W
03505	068737	The command has been rejected, because the specified P-VOL is a Dynamic Provisioning volume not associated with a pool.	Associate the Dynamic Provisioning volume with a pool, and then retry the operation.	W
03505	068738	The command has been rejected, because the specified S-VOL is a Dynamic Provisioning volume not associated with a pool.	Associate the Dynamic Provisioning volume with a pool, and then retry the operation.	W
03505	068743	The command has been rejected, because Quick Format is performed on the specified P-VOL.	Retry the operation after quick formatting is complete.	W
03505	068744	The command has been rejected, because Quick Format is performed on the specified S-VOL.	Retry the operation after quick formatting is complete.	W
03505	068745	FICON(R) Data Migration Source Volume is specified as a T-VOL. FICON(R) Data Migration Source Volume cannot be used as a T-VOL.	FICON(R) Data Migration source volume cannot be used as a T-VOL. Use other volumes.	W
03505	068746	The command has been rejected because the pair uses FICON(R) Data Migration Source Volume.	The specified pair cannot be operated because the pair uses FICON(R) Data Migration source volume.	W
03505	068747	The command has been rejected because the FICON(R) Data Migration source volume is used in the specified pair, and T-VOL is used by one of the following program products. • TrueCopy for Mainframe • Universal Replicator for Mainframe • Compatible FlashCopy(R) V2 • Volume Retention Manager	Release the setting in which the secondary volume is used by different program products, and then retry the operation.	W
03505	068749	The command has been rejected, because the specified TrueCopy Asynchronous pair was not in PSUS status.	The Command cannot be executed because the TrueCopy Asynchronous pair is not in the state of PSUS. See the section about the Interoperability with other products and functions described in the *ShadowImage User Guide* for the relation between the state of TrueCopy	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			Asynchronous pair and the ShadowImage operations.	
03505	068750	The Quick Restore command has been rejected, because the specified pair is composed of the Dynamic Provisioning volume and the volumes other than Dynamic Provisioning volume.	Quick Restore cannot be performed in the current pair configuration.	W
03505	068755	The Quick Restore command has been rejected, because device information (Inquiry information) of P-VOL and S-VOL was different in the specified pair.	Quick Restore cannot be performed in the current pair configuration. Select a pair whose device information (Inquiry information) is the same, and then perform Quick Restore.	W
03505	068760	Quick Restore cannot be performed because the configuration is being backed up in the target volume.	Wait for a while, and then retry the operation.	W
03505	068767	The SI Operation for FICON(R) Data Migration failed because the specified pair consists of either a primary volume other than a FICON(R) Data Migration source volume or a secondary volume that is a FICON(R) Data Migration source volume.	The SI Operation for FICON(R) Data Migration failed because the specified pair consists of either a primary volume other than a FICON(R) Data Migration source volume or a secondary volume that is a FICON(R) Data Migration source volume.	W
03505	068768	The SI Operation for FICON(R) Data Migration failed, because the pair status of the specified pair was not SIMPLEX or DUPLEX.	The SI Operation for FICON(R) Data Migration cannot be performed in the current pair status. Change the status of the pair to SIMPLEX or DUPLEX, and then retry the operation.	W
03505	068769	The SI Operation for FICON(R) Data Migration failed, because the pair status of the specified pair was not Suspend(Mig.).	The SI Operation for FICON(R) Data Migration cannot be performed in the current pair status. Change the status of the pair to Suspend(Mig.), and then retry the operation.	W
03505	068770	The SI Operation for FICON(R) Data Migration failed because the Cache Residency Manager for Mainframe setting was set in the T-VOL of the specified pair.	Release the Cache Residency Manager for Mainframe setting in the T-VOL.	W
03505	068771	The SI Operation for FICON(R) Data Migration failed, because the Volume Retention Manager setting was set in the T-VOL of the specified pair.	Release the Volume Retention Manager setting in the T-VOL or specify another volume, and then retry the operation.	W
03505	068772	The SI Operation for FICON(R) Data Migration failed because the T-VOL of the specified pair	Delete the Universal Replicator for Mainframe pair, or select a different volume, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		was used by Universal Replicator for Mainframe.		
03505	068773	The SI Operation for FICON(R) Data Migration failed, because the T-VOL of the specified pair was used by TrueCopy for Mainframe.	Delete the TrueCopy for Mainframe pair or specify another volume, and then retry the operation.	W
03505	068774	The SI Operation for FICON(R) Data Migration failed, because the T-VOL of the specified pair was used by Universal Volume Manager.	Universal Volume Manager volume cannot be used as a T-VOL. Specify another volume.	W
03505	068775	The command could not be executed because the primary volume of the specified pair is a FICON(R) Data Migration source volume.	The specified operation cannot be performed in the current pair configuration. Select volumes other than FICON(R) Data Migration source volume for the primary volume, and then retry the operation.	W
03505	068776	The command could not be executed because the secondary volume of the specified pair is a FICON(R) Data Migration source volume.	The specified operation cannot be performed in the current pair configuration. Select volumes other than FICON(R) Data Migration source volume for the secondary volume, and then retry the operation.	W
03505	068777	The command has been rejected, because the specified volume is a FICON(R) Data Migration Source Volume.	The specified operation cannot be performed for FICON(R) Data Migration source volume. Select a volume other than FICON(R) Data Migration source volume, and then retry the operation.	W
03505	068808	The command has been rejected, because the specified P-VOL is a Dynamic Provisioning volume whose capacity is being added.	The operation is not available because the target volume has capacity changes. Verify the capacity of the volume, and then apply the setting.	W
03505	068809	The command has been rejected, because the specified S-VOL is a Dynamic Provisioning volume whose capacity is being added.	The operation is not available because the target volume has capacity changes. Verify the capacity of the volume, and then apply the setting.	W
03505	068832	The command has been rejected, because the specified CTG is used by Thin Image.	Use another CTG, or release the pair of Thin Image where the specified CTG is in use.	W
03505	068834	The command has been rejected, because the specified CTG is used by ShadowImage.	Use another CTG, or release the pair of ShadowImage where the specified CTG is in use.	W
03505	068835	The command could not be executed because the specified primary volume is used by a pair	Release the pair of Thin Image that is using the specified P-VOL, then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		of Thin Image that is registered in the CTG.		
03505	068836	The command has been rejected, because the specified S-VOL is used by a pair of Thin Image, which is registered in the CTG.	Release the pair of Thin Image that is using the specified S-VOL, then retry the operation.	W
03505	068837	The command has been rejected, because the specified P-VOL is a volume of Dynamic Provisioning whose zero page is being reclaimed.	Wait until the zero page reclamation is completed, and then retry the operation.	W
03505	068838	The command has been rejected, because the specified S-VOL is a volume of Dynamic Provisioning whose zero page is being reclaimed.	Wait until the zero page reclamation is completed, and then retry the operation.	W
03505	068854	The SI Operation for FICON(R) Data Migration failed, because more than one T-VOL was assigned for the specified S-VOL.	Specify the volume not used as S-VOL of SI Operation for FICON(R) Data Migration, or retry the operation after deleting the current pair.	W
03505	068867	The command has been rejected, because the volume specified as P-VOL is a quorum disk.	Specify another volume.	W
03505	068868	The command has been rejected, because the volume specified as S-VOL is a quorum disk.	Specify another volume.	W
03505	068922	The specified P-VOL is a volume of using two mirrors, which are included in 3DC cascade, 3DC multi target, or Delta resync configuration. The operation for this P-VOL failed due to one of the following reasons. • The specified volume was used by Delta resync of Universal Replicator. • The specified volume was used by a data volume of Universal Replicator.	The operation cannot be performed in the current status of Universal Replicator pair. See the section "Interoperability with other products and functions" in the *ShadowImage User Guide* for the relation between the state of Universal Replicator pair and the ShadowImage operations.	W
03505	068923	The specified secondary volume is a volume of using two mirrors, which is included in the 3DC cascade, the 3DC multi-target, or the delta resync configuration. The operation for this secondary volume cannot be	The operation cannot be performed in the current status of Universal Replicator pair. See the section "Interoperability with other products and functions" in the *ShadowImage User Guide* for the relation between the	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		performed due to one of the following reasons: • The specified volume is used by a delta resync pair of Universal Replicator. • The specified volume is used by a data volume of Universal Replicator.	state of Universal Replicator pair and the ShadowImage operations.	
03505	068924	The specified volume is a volume of using two mirrors, which are included in 3DC cascade, 3DC multi target, or Delta resync configuration. The operation for this volume failed due to one of the following reasons. • The specified volume was used by Delta resync of Universal Replicator. • The specified volume was used by a data volume of Universal Replicator.	Specify another volume.	W
03505	075002	The command was rejected, because the Dynamic Provisioning volume specified as P-VOL was not associated with a pool.	Associate the specified Dynamic Provisioning volume with a pool, and then retry the operation.	W
03505	075003	The command was rejected, because the Dynamic Provisioning volume specified as S-VOL was not associated with a pool.	Associate the specified Dynamic Provisioning volume with a pool, and then retry the operation.	W
03505	075005	The command could not be executed because no LUN path is set to the volume specified as a primary volume.	Set an LUN path to the specified primary volume, and then retry the operation.	W
03505	075006	The command could not be executed because no LUN path is set to the volume specified as a secondary volume.	Set an LUN path to the specified primary volume, and then retry the operation.	W
03505	078053	The operation failed because the current microcode version does not support the capacity of specified P-VOL.	Check the microcode version of the storage system.	W
03505	078054	The operation failed because the current microcode version does not support the capacity of specified S-VOL.	Check the microcode version of the storage system.	W
03505	078069	The operation failed because the emulation type of the specified	Specify another volume.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		S-VOL(Primary Volume) was 3390-V.		
03505	078070	The operation failed because the emulation type of the specified T-VOL(Secondary Volume) was 3390-V.	Specify another volume.	W
03505	078071	The operation failed because the emulation type of the specified volume was 3390-V.	Specify another volume.	W
03505	078072	3390-A cannot be used as an S-VOL(Primary Volume) due to one of the following reasons: • The Mainframe Fibre CHA is not mounted. • All the Mainframe Fibre CHAs are blocked.	If no Mainframe Fibre CHA is mounted on the storage system, mount a Mainframe Fibre CHA. If all the Mainframe Fibre CHAs are blocked, restore those Mainframe Fibre CHAs.	W
03505	078073	3390-A cannot be used as a T-VOL(Secondary Volume) due to one of the following reasons: • The Mainframe Fibre CHA is not mounted. • All the Mainframe Fibre CHAs are blocked.	If no Mainframe Fibre CHA is mounted on the storage system, mount a Mainframe Fibre CHA. If all the Mainframe Fibre CHAs are blocked, restore those Mainframe Fibre CHAs.	W
03505	078108	The command was rejected, because the pool associated with the Dynamic Provisioning volume that is specified as the P-VOL was being initialized.	Wait until the initialization of the pool is completed, and then retry the operation.	W
03505	078109	The command was rejected, because the pool associated with the Dynamic Provisioning volume that is specified as the S-VOL was being initialized.	Wait until the initialization of the pool is completed, and then retry the operation.	W
03505	078121	The operation failed because the specified S-VOL(Primary Volume) was used by Compatible Software for IBM(R) FlashCopy(R) SE, or was a TSE volume.	Select a different volume.	W
03505	078122	The operation failed because the specified T-VOL(Secondary Volume) was a TSE volume.	Select a different volume.	W
03505	078128	The operation cannot be performed because the specified volume is in the online data migration process.	Specify volumes other than those in the online data migration process.	W
03505	078129	The operation cannot be performed because the volume	Specify volumes other than those in the online data migration process.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		specified as the primary volume is in the online data migration process.		
03505	078130	The operation cannot be performed because the volume specified as the secondary volume is a migration volume of nondisruptive migration.	Specify a different volume.	W
03505	078139	The operation cannot be done because a pool cannot be used.	Verify the status of the specified pool.	W
03505	078140	The operation cannot be performed because the specified pool number is not the same as the pool number for the existing pairs.	When you create multiple Thin Image pairs by specifying two or more secondary volumes to one primary volume, be sure to specify the same pool number as the existing pairs.	W
03505	078141	The operation cannot be done because the specified primary volume is a secondary volume of Thin Image.	Release the Thin Image pair setting or specify another volume.	W
03505	078142	The operation cannot be done because the specified secondary volume is a secondary volume of Thin Image.	Release the Thin Image pair setting or specify another volume.	W
03505	078143	The specified snapshot number is used in another pair of Thin Image.	Specify another snapshot number or release the Thin Image pair setting.	W
03505	078144	The operation cannot be done because the license capacity has been exceeded.	Install additional license keys to expand the license capacity of the program product.	W
03505	078145	The command cannot be run in the current pair status.	Refresh the window, and then retry the operation.	W
03505	078146	The command cannot be run because the command previously specified could not be run in the current pair status. Or the command cannot be run because there is a pair operation that cannot be performed if it is done on some pairs of one-to-multiple volumes or L1 and L2 pairs at the same time.	Verify the status of the specified pair. Perform the pair operation respectively on the pairs of one-to-multiple volumes or the L1 and L2 pairs.	W
03505	078147	A pair could not be created because a pool other than the pool type of Thin Image was specified.	Specify a Thin Image pool.	W
03505	078148	The command was rejected because the specified volume was set unavailable to specify as a secondary volume.	Release the secondary volume unavailable setting, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03505	078149	An error occurred during Thin Image operations due to one of the following reasons: • The LDEV number specified for the primary volume or secondary volume is wrong. • The LDEV specified as the primary volume or secondary volume is not paired. • The pair status of the specified primary volume or secondary volume is wrong. • The specified Snapshot ID (MU number) is wrong. • The specified Snapshot ID (MU number) is already used. • The specified pool is not in a usable status. • The license capacity has exceeded the maximum. • The control table for Thin Image is depleted.	Perform one of the following, and then retry the operation. • Specify another LDEV number. • Verify the status of the specified pair. • Specify another MU number. • Verify the status of the specified pool. • Verify the license capacity of the Thin Image. • See the section "Planning number of Thin Image pairs" in the *Thin Image User Guide* for the relation between the number of pairs that can be created and the shared memories.	W
03505	078150	The command was rejected because the program product of Thin Image or ShadowImage was not installed.	Install the necessary program product.	W
03505	078151	The command was rejected because the shared memory (FC, TPF, or Extension1) of necessary capacity was not installed.	Add sufficient shared memory.	W
03505	078152	The command was rejected because the shared memory (SS1 or more) of necessary capacity was not installed.	Add sufficient shared memory.	W
03505	078153	The LDEV number that is specified as a primary volume is invalid.	Specify another LDEV number.	W
03505	078154	The command was rejected because the emulation type of the specified primary volume was not OPEN-V.	Specify a volume of supported emulation type.	W
03505	078155	The operation cannot be done because the primary volume of Thin Image is used as the primary volume of TrueCopy,	Change the status of the TrueCopy pair to PSUS or PSUE, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		and the pair status of TrueCopy is other than PSUS or PSUE.		
03505	078156	The operation cannot be done because the primary volume of Thin Image is used as the primary volume of Universal Replicator, and the pair status of Universal Replicator is other than PSUS or PSUE.	Change the status of the Universal Replicator pair to PSUS or PSUE, and then retry the operation.	W
03505	078157	The operation cannot be done because a volume is used as the primary volume of Thin Image and the secondary volume of TrueCopy.	Select a different volume.	W
03505	078158	The operation cannot be done because the primary volume of Thin Image is used as the secondary volume of Universal Replicator.	Select a different volume.	W
03505	078159	The operation cannot be done because VMA is set for the specified primary volume.	Verify the setting of the specified volume.	W
03505	078160	The command was rejected because the emulation type of the specified secondary volume was not OPEN-V.	Specify a volume whose emulation type is supported.	W
03505	078161	The operation cannot be done because the specified secondary volume is an external volume.	Specify another volume.	W
03505	078162	The operation cannot be done because the specified secondary volume is not a virtual volume.	Specify another volume.	W
03505	078163	The command was rejected because the specified secondary volume was used as a primary volume of Universal Replicator.	Specify another volume.	W
03505	078164	The command was rejected because the specified secondary volume was used as a secondary volume of Universal Replicator.	Specify another volume.	W
03505	078165	The command was rejected because the specified volume was set unavailable to specify as a secondary volume.	Release the secondary volume unavailable setting, and then retry the operation.	W
03505	078166	The operation cannot be done because VMA is set for the specified secondary volume.	Verify the setting of the specified volume.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03505	078167	The command was rejected because the Max LBA size of the specified primary and the secondary volumes was different.	Verify the Max LBA size of the volume.	W
03505	078168	The command was rejected because the number of slots is different between the specified primary and the secondary volumes.	Verify the number of slots of the volume.	W
03505	078169	The specified secondary volume is a virtual volume of Dynamic Provisioning.	Specify another volume.	W
03505	078171	The command was rejected because the specified secondary volume was used as a primary volume of ShadowImage.	Specify another volume.	W
03505	078172	The command was rejected because the specified secondary volume was used as a secondary volume of ShadowImage.	Specify another volume.	W
03505	078174	A pair of Thin Image cannot be created due to one of the following reasons. • The required capacity of shared memory is not installed. • It is in the initializing process.	Install additional shared memory, or wait until the initializing process is complete and then retry the operation.	W
03505	078175	The specified operation cannot be done.	Contact the Hitachi Data Systems Support Center.	W
03505	078176	The operation cannot be done because the PSUE option is specified.	Contact the Hitachi Data Systems Support Center.	W
03505	078177	The operation cannot be done because a volume is used as the primary volume of Thin Image and the secondary volume of TrueCopy, and the pair status of TrueCopy is COPY.	Change the status of the TrueCopy pair to other than COPY, and then retry the operation.	W
03505	078178	The operation cannot be done because a volume is used as the primary volume of Thin Image and the secondary volume of Universal Replicator, and the pair status of Universal Replicator is COPY.	Change the status of the Universal Replicator pair to other than COPY, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03505	078179	When the primary volume of Thin Image and the primary volume of ShadowImage volume share the volume, the MU number currently used by ShadowImage cannot be specified.	Select a different MU number.	W
03505	078180	When the primary volume of Thin Image and the secondary volume of ShadowImage share the volume, 0 cannot be specified as a MU number of the primary volume for Thin Image.	Select a different MU number.	W
03505	078181	The command was rejected because the primary volume of Thin Image and the primary volume of ShadowImage share a volume, and the pair of ShadowImage was in re-synchronizing processing.	Wait for the status of the ShadowImage pair to change to PAIR, and then retry the operation.	W
03505	078182	The command was rejected because the primary volume of Thin Image and the secondary volume of ShadowImage share a volume, and the pair of ShadowImage was not in the state of PSUS.	Change the status of the ShadowImage pair to PSUS, and then retry the operation.	W
03505	078183	The operation cannot be done because the primary volume of Thin Image and the primary volume of ShadowImage share a volume, and the pair status of ShadowImage is other than PSUS or PSUE.	Change the status of the ShadowImage pair to PSUS, and then retry the operation.	W
03505	078184	The operation cannot be done because the primary volume of Thin Image and the secondary volume of ShadowImage share a volume, and the pair status of ShadowImage is other than PSUS.	Change the status of the ShadowImage pair to PSUS, and then retry the operation.	W
03505	078185	The operation cannot be done because the pools or the pool volumes are blocked.	Restore the blocked pools or pool volumes, and then retry the operation.	W
03505	078186	A Thin Image pair cannot be restored due to one of the following reasons. • Snapshot data of restore target Thin Image pair is being obtained per consistency group.	Wait for a while, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• Snapshot data of another pair whose primary volume is the restore target Thin Image primary volume is being obtained.		
03505	078187	A Thin Image pair with consistency group number specified cannot be created due to one of the following reasons. • The specified consistency group number is used by the ShadowImage. • The number of pairs defined in a consistency group exceeds the maximum. • The pair created by using the same primary volume already exists in the specified consistency group .	Verify the specified consistency group number.	W
03505	078188	The specified consistency group number is invalid.	Verify the consistency group number.	W
03505	078189	The operation cannot be done because the primary volume of Thin Image and the secondary volume of TrueCopy asynchronous pair share a volume, and the status of TrueCopy asynchronous pair is other than PSUS or PSUE.	Change the status of the TrueCopy Asynchronous pair to PSUS, and then retry the operation.	W
03505	078190	The operation cannot be done because the specified secondary volume is incorrect.	Verify the setting of the specified volume.	W
03505	078191	The command was rejected because the program product of Thin Image was not installed.	Install the necessary program product.	W
03505	078195	The command was rejected because the primary volume is used as an external volume that is mapped for online data migration.	Select a volume other than the external volume mapped for the online data migration, and then retry the operation.	W
03505	078196	The command was rejected because the secondary volume is used as an external volume that is mapped for online data migration.	Select a volume other than the external volume mapped for the online data migration, and then retry the operation.	W
03505	078201	The operation failed because the specified pool is not a Thin Image pool.	Select a Snapshot pool.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03505	078202	The operation failed because the Thin Image program product is not installed.	Install the Thin Image program product.	W
03505	078203	The operation failed because the microcode versions of SVP and DKCMAIN do not match.	Check the microcode versions of SVP and DKCMAIN.	W
03505	078204	The operation failed because there are not enough cache management devices.	Delete unnecessary external volumes or virtual volumes, and then retry the operation. When there is a Thin Image pair, delete all the pairs related to the unnecessary primary volumes, and then retry the operation. If this problem persists, call the Support Center.	W
03505	078205	The operation failed because the capacity of the specified volume exceeds 4 TB.	Specify a volume whose capacity is 4TB or less.	W
03505	078207	The operation cannot be performed because there is a pair in the status of Quick Restore among ShadowImage pairs that share a primary volume. Or the command cannot be run because there is a pair operation that cannot be performed if it is done on some pairs of one-to-multiple volumes or L1 and L2 pairs at the same time.	Wait until the Quick Restore operation is complete, and then retry the operation. Perform the pair operation respectively on the pairs of one-to-multiple volumes or the L1 and L2 pairs.	W
03505	078208	The operation failed because the specified pool number is wrong.	Check the pool number.	W
03505	078210	A Thin Image pair cannot be created because the consistency group used by the specified snapshot group is one of the following: • The consistency group number is used by ShadowImage. • The number of pairs that can be defined in a consistency group exceeds the maximum. • A pair created by using the same primary volume already exists in the consistency group .	Verify the consistency group of the pairs that belong to the snapshot group.	W
03505	078255	The operation failed because the volume specified as the S-VOL is a root volume.	Verify the status of the volume.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03505	078256	The operation failed because the volume specified as the S-VOL is a node volume.	Verify the status of the volume.	W
03505	078257	The operation failed because the volume specified as the P-VOL is a leaf volume.	Verify the status of the volume.	W
03505	078258	The operation failed because the volume specified as the S-VOL is a leaf volume.	Verify the status of the volume.	W
03505	078259	The operation failed because the specified P-VOL that uses two mirrors in 3DC cascade, 3DC multi target, or Delta resync configuration is in one of the following statuses. • The volume is in the Universal Replicator Delta resync configuration. • The volume is a Universal Replicator data volume.	The operation cannot be performed in the current pair status of Universal Replicator. See section "Interoperability with other products and functions" in the *Thin Image User Guide* for the relation between the pair status of Universal Replicator and the Thin Image operations.	W
03505	078260	The operation failed because the specified S-VOL that uses two mirrors in 3DC cascade, 3DC multi target, or Delta resync configuration is in one of the following statuses. • The volume is in the Universal Replicator Delta resync configuration. • The volume is a Universal Replicator data volume.	The operation cannot be performed in the current pair status of Universal Replicator. See section "Interoperability with other products and functions" in the *Thin Image User Guide* for the relation between the pair status of Universal Replicator and the Thin Image operations.	W
03505	078261	The command ended abnormally because the specified MU number is out of the range that can be specified.	Make sure the MU number can be specified.	W
03505	078289	A Thin Image pair with the CTG mode specified cannot be created because all the consistency groups have already been defined.	Check the respective consistency group status or create a Thin Image pair without specifying the CTG mode.	W
03505	078290	A Thin Image pair cannot be created because the snapshot ID (MU number) that can be used for the volume specified as the primary volume is depleted.	Select a different volume.	W
03505	078291	A Thin Image pair cannot be created because all the snapshot groups have already been defined, or the number of pairs	Check the defined snapshot groups or select a different snapshot group.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		that can be registered in the specified snapshot group has exceeded the maximum.		
03505	078292	A Thin Image pair in which a V-VOL of Dynamic Provisioning is set as the primary volume cannot be created because the Dynamic Provisioning pool is being initialized.	Wait until the initialization of the pool is complete, and then retry the operation.	W
03505	078293	Failed to create a Thin Image pair because the Dynamic Provisioning pool is being initialized.	Wait until the initialization of the pool is complete, and then retry the operation.	W
03505	078294	The Add Pair (Paircreate) operation failed because the specified pair type does not match the specified pool type.	Check the specified pair type.	W
03505	078310	The Thin Image pair operation cannot be performed because all Thin Image pairs that share the specified primary volume are in PSUE status.	Change the status of pairs related to the specified primary volume to enable the pair operation, and then retry the operation.	W
03505	208041	A pair cannot be created because of the migration attribute of the volume specified as the primary volume or the secondary volume.	Release the migration attribute, or specify a different volume.	W
03505	208042	The operation cannot be performed because of the migration attribute of the volume specified as the primary volume or the secondary volume.	Release the migration attribute.	W
03505	208043	A pair consisting of three secondary volumes cannot be created because of the migration attribute of the volume specified as the primary volume.	Create a pair consisting of one or two secondary volumes, or specify a different volume for the primary volume.	W
03505	208044	The operation cannot be performed because of the migration attribute of the secondary volume of the specified pair.	Release the migration attribute.	W
03505	208045	The volume specified as the primary volume is a migration volume of nondisruptive migration. The operation cannot be performed because the	Verify the setting of the online data migration.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		setting of the online data migration for the volume is not valid.		
03505	208047	The command cannot be run because the volume specified as the primary volume is a reserved volume of global-active device, or the status of the global-active device pair is not valid.	Specify a different volume, or verify the status of the global-active device pair, and then retry the operation.	W
03505	208048	The command cannot be run because the volume specified as the secondary volume is a reserved volume of global-active device, or the volume is used by the global-active device pair.	Specify a different volume, or delete the global-active device pair, and then retry the operation.	W
03505	208049	The command cannot be run because the volume specified as the primary volume is a reserved volume of global-active device, or the status of the global-active device pair is not valid.	Specify a different volume, or verify the status of the global-active device pair, and then retry the operation.	W
03505	208050	The command cannot be run because the volume specified as the secondary volume is a reserved volume of global-active device, or the volume is used by the global-active device pair.	Specify a different volume, or delete the global-active device pair, and then retry the operation.	W
03505	208051	The command cannot be run because the specified primary volume is not a primary volume of a Thin Image pair.	Refresh the window, and then retry the operation.	W
03505	208052	The command cannot be run because the specified pair does not exist.	Refresh the window, and then retry the operation.	W
03505	208054	The command cannot be run because the specified pair has a secondary volume.	Refresh the window, and then retry the operation.	W
03505	208055	The command cannot be run because the specified pair has no secondary volume.	Refresh the window, and then retry the operation.	W
03505	208056	The command cannot be run because the specified pair has no secondary volume.	Refresh the window, and then retry the operation.	W
03505	208057	The operation cannot be performed because the microcode versions of the SVP and the DKCMAIN do not match.	Verify the microcode versions of the SVP and the DKCMAIN.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03505	208058	The command cannot be run because the specified pair has a secondary volume.	Refresh the window, and then retry the operation.	W
03505	208059	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
03505	208060	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
03505	208067	The operation cannot be performed because the specified primary volume is being migrated by Volume Migration.	Wait until the migration is complete, and then retry the operation.	W
03505	208069	The operation cannot be performed because the specified secondary volume is being migrated by Volume Migration.	Wait until the migration is complete, and then retry the operation.	W
03505	208071	The pair operation cannot be performed because local replication pairs are being initialized.	Wait until the initialization of the local replication pairs is complete, and then retry the operation.	W
03505	208072	The operation cannot be performed because the specified primary volume is an external volume with the data direct mapping enabled or a volume that belongs to a parity group with the accelerated compression enabled.	Verify the specified volume.	W
03505	208073	The operation cannot be performed because the specified secondary volume is an external volume with the data direct mapping enabled or a volume that belongs to a parity group with the accelerated compression enabled.	Verify the specified volume.	W
03505	208075	The pair operation cannot be performed because the T10 PI setting does not match between the specified primary volume and secondary volume.	Specify a primary volume and a secondary volume with the same T10 PI setting, and then retry the operation.	W
03505	208431	The operation cannot be performed because the specified LDEV with the SLU attribute is not a DP-VOL.	Specify an LDEV that is a DP-VOL with the SLU attribute.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03505	208501	The operation cannot be performed because a virtual LDEV ID is set for the specified LDEV.	Specify a volume for which a virtual LDEV ID is not set.	W
03505	208962	The operation cannot be performed because the DKCMAIN firmware version and the Storage Navigator software version do not match.	Update the DKCMAIN firmware version to the latest, and then retry the operation.	W
03505	238701	The operation cannot be performed due to one of the following reasons: • The specified LDEV with the SLU attribute is not a volume of a Thin Image pair. • The Thin Image pair using the specified LDEV with the SLU attribute is not in the PAIR status. • The specified LDEV with the SLU attribute is a volume of a Thin Image pair with the fast clone attribute.	Specify an LDEV with the SLU attribute that meets the following conditions. • A volume used in a Thin Image pair • The Thin Image pair volume in the PAIR status • The volume used in the Thin Image pair whose attribute is not fast clone	W
03505	238716	The operation cannot be performed because the specified LDEV with the SLU attribute does not exist. The LDEV might be deleted by a different user or application.	Specify a different LDEV with the SLU attribute.	W
03505	238723	The operation cannot be performed due to one of the following reasons: • The specified LDEV with the SLU attribute is not a volume of a Thin Image pair. • The Thin Image pair using the specified LDEV with the SLU attribute is not in the PAIR status.	Specify an LDEV with the SLU attribute that meets the following conditions. • A volume used in a Thin Image pair • The Thin Image pair volume in the PAIR status	W
03505	238724	The operation cannot be performed because the specified LDEV with the SLU attribute is bound to an LDEV with the ALU attribute.	Unbind the specified LDEV with the SLU attribute from the LDEV with the ALU attribute, and then retry the operation.	W
03505	238738	The operation cannot be performed because the capacity of the specified LDEV does not	Specify an LDEV with the same capacity as the assigned LDEV.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		match that of the assigned LDEV.		
03505	238740	The operation cannot be performed because the specified LDEV with the SLU attribute is a DP-VOL.	Specify an LDEV that is not a DP-VOL with the SLU attribute.	W
03505	238844	An error occurred during internal processing on the storage system.	Contact the Hitachi Data Systems Support Center.	E
03505	238852	The operation cannot be performed because the specified pool is not a Thin Image pool.	Specify a Thin Image pool.	W
03505	238860	The operation cannot be performed because the specified pool number is not set within the available range.	Specify an existing pool with pool number within the range from 0 to 127.	W
03505	265296	The operation cannot be performed because the specified SLU ID is not in valid format.	Contact the Hitachi Data Systems Support Center.	W
03505	265297	The operation cannot be performed because the specified LDEV with the SLU attribute does not exist. The LDEV might be deleted by a different user or application.	Specify a different LDEV with the SLU attribute.	W
03505	265298	The operation cannot be performed because the specified SLU ID is not in valid format.	Contact the Hitachi Data Systems Support Center.	W
03505	265299	The operation cannot be performed because the specified LDEV with the SLU attribute does not exist. The LDEV might be deleted by a different user or application.	Specify a different LDEV with the SLU attribute.	W
03505	265300	An error occurred during internal processing on the storage system.	Contact the Hitachi Data Systems Support Center.	E
03505	265301	The operation cannot be performed because the specified start slot number exceeds the maximum slot number of the volume.	Verify the start slot number.	W
03505	265302	The operation cannot be performed because the specified end slot number exceeds the maximum slot number of the volume.	Verify the end slot number.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
03505	265303	The operation cannot be performed because the specified number of slots exceeds the maximum for search.	Set the number of slots within the range from 1 to 131072.	W
03505	265304	The operation cannot be performed due to one of the following reasons: • The specified LDEV with the SLU attribute is not a volume of a Thin Image pair. • The Thin Image pair using the specified LDEV with the SLU attribute is not in the PAIR status.	Specify an LDEV with the SLU attribute that meets the following conditions. • A volume used in a Thin Image pair • The Thin Image pair volume in the PAIR status	W
03505	265305	The operation cannot be performed due to one of the following reasons: • The specified LDEV with the SLU attribute is not a volume of a Thin Image pair. • The Thin Image pair using the specified LDEV with the SLU attribute is not in the PAIR status.	Specify an LDEV with the SLU attribute that meets the following conditions. • A volume used in a Thin Image pair • The Thin Image pair volume in the PAIR status	W
03505	265306	The operation cannot be performed due to one of the following reasons: • The specified LDEV with the SLU attribute is not a volume of a Thin Image pair. • The Thin Image pair using the specified LDEV with the SLU attribute is not in the PAIR status.	Specify an LDEV with the SLU attribute that meets the following conditions. • A volume used in a Thin Image pair • The Thin Image pair volume in the PAIR status	W

6

Message (part code group 04nnn)

This chapter includes the error messages with the part code 04010.

- Part code 04010

Part code 04010

Table 6-1 Error codes (part code 04010)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
04010	002080	Prestaging not completed.	If the problem persists despite retrying, please call the Support Center.	E

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Message (part code group 05nnn)

This chapter includes the error messages with the part code 05105 to 05310.

- Part code 05105
- Part code 05107
- Part code 05121
- Part code 05122
- Part code 05205
- Part code 05221
- Part code 05222
- Part code 05305
- Part code 05307
- Part code 05310

Part code 05105

Table 7-1 Error codes (part code 05105)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05105	002003	An error occurred during Storage Navigator processing.	Wait for a while, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
05105	002007	An error occurred during Storage Navigator processing.	Click the refresh button to have the latest information displayed on the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
05105	002015	A connection error has occurred.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
05105	002145	A connection error has occurred.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
05105	005010	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
05105	005013	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
05105	005099	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
05105	005202	This function is not available.Performance Monitor is required.	Install the required program product.	E
05105	005400	Failed to access the monitoring data because accessing the monitoring data on the Storage Navigator is busy.	Wait for a while, and then retry the operation. If this problem persists, call the Support Center.	W
05105	006000	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
05105	006002	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
05105	006011	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
05105	006012	An error occurred during Storage Navigator processing.	Restart the SVP, and then retry the operation. If this problem persists,	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			contact the Hitachi Data Systems Support Center.	
05105	006022	An error occurred during Storage Navigator processing.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
05105	006023	An error occurred during Storage Navigator processing.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
05105	006036	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
05105	006092	An error occurred during Storage Navigator processing.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
05105	006501	There is no monitoring data.	Change the monitor switch to ON, and accumulate the data.	W
05105	007007	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
05105	007111	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
05105	008002	The storage system status is invalid.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
05105	055113	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
05105	055114	There is no monitoring data. It might be deleted by another user's operation.	Change the monitoring switch to "Enable" for collecting data, then perform the operation.	W
05105	055500	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
05105	055501	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05105	056524	This function cannot be used by the storage partition administrator.	Select another window. If you want to set this function, please contact the storage administrator.	E
05105	056525	Because the settings across the multiple SLPRs are contained, the authority has been shifted to the storage administrator from the storage partition administrator.	To continue the operation, please contact the storage administrator and have the settings across the multiple SLPRs cancelled, then retry the operation. To perform other operations, please select a function button.	E
05105	056526	The resources of other SLPR(s) cannot be accessed.	An error occurred during processing. If this problem persists, please call the Support Center.	E
05105	066016	A monitoring switch cannot be enabled with the specified gathering interval.	Change the gathering interval, and retry the operation.	E
05105	066017	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
05105	087777	The operation cannot be performed because a resource group is not locked.	If the same problem persists despite retrying, please call the Support Center.	E

Part code 05107

Table 7-2 Error codes (part code 05107)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05107	005099	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
05107	006012	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E

Part code 05121

Table 7-3 Error codes (part code 05121)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05121	105001	No table rows are selected.	Select one or more table rows.	W
05121	105002	Two or more table rows are selected.	Select one table row.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05121	105003	No table row, or two or more table rows are selected.	Select one table row.	W
05121	107001	An internal logic error occurred.	If this problem persists, call the Support Center.	E
05121	109001	Are you sure you want to remove the selected row(s)?	To continue, click [OK]. Otherwise, click [Cancel].	W
05121	109203	Are you sure you want to close the graph?	To continue, click [OK]. Otherwise, click [Cancel].	i
05121	109204	The graph data will be deleted. Do you want to continue?	To continue, click [OK]. Otherwise, click [Cancel].	W
05121	109206	The monitored CUs will be deleted. Do you want to continue?	To continue, click [OK]. Otherwise, click [Cancel].	W
05121	109207	The monitored WWNs will be deleted. Do you want to continue?	To continue, click [OK]. Otherwise, click [Cancel].	W
05121	109209	Some of Short-Range graphs cannot be displayed because no WWN to be monitored is set. Do you want to continue?	To display the graphs in Short-Range, set WWNs to be monitored in [Edit WWN Monitor Mode] window.	i

Part code 05122

Table 7-4 Error codes (part code 05122)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05122	105101	The specified term of displaying graph is invalid.	Enter a correct value.	W
05122	105102	The content has not been edited.	Edit the CU to be monitored.	W
05122	105103	The specified HBA WWN is duplicated in the DKC.	Specify another HBA WWN.	W
05122	105104	The specified WWN Name is duplicated in the WWN to be monitored.	Specify another WWN Name.	W
05122	105105	There is no editable WWN as a target of monitoring.	Click [OK].	W
05122	105106	The WWN cannot be added, because that WWN Name is duplicated in the WWN to be monitored.	Check the additional WWN, and edit the duplicated WWN Name.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05122	105107	The content has not been edited.	Edit the WWN to be monitored.	W
05122	105108	There is no available port to specify.	Click [OK].	W
05122	105109	There are no monitoring WWNs to be deleted.	Click [OK].	W
05122	105110	A new graph cannot be added, because the number of graph display objects has reached the maximum.	Delete the other graph display object, or close the other graph.	W
05122	105111	No more graph items can be added because the total number of graph items that can be displayed in all of the panels has reached the maximum.	Set the total number of graph items for all of the graph panels to 16 or less.	W
05122	105112	The graph cannot be displayed, because there is no graph data.	Wait for a while, then retry the operation.	W
05122	105113	The real time graph display will end due to changing the monitoring switch.	Retry the operation if you need the real time graph display.	W
05122	105114	A CU to be monitored cannot be added because the number of CUs that can be specified exceeds the maximum.	Reduce the number of CUs to be monitored to 64 or less.	W
05122	105115	A WWN to be monitored cannot be added, because the number of graph display objects exceeds the maximum.	Reduce the number of WWNs to be monitored to 2048 or fewer.	W
05122	105116	A WWN to be monitored cannot be added, because the number of graph display objects per one port exceeds the maximum.	Reduce the number of WWNs to be monitored to 32 or fewer per port.	W
05122	105226	The Graph Display Term cannot be changed, because there is no graph data.	Click [OK].	W
05122	105227	The HBA WWN is unedited.	Edit the HBA WWN. If you do not edit it, uncheck the check box.	W
05122	105228	The WWN Name is unedited.	Edit the WWN Name. If you do not edit it, uncheck the check box.	W
05122	105229	No more WWNs to be monitored can be added, because the number of monitoring WWNs has reached the maximum.	Delete unnecessary monitoring WWNs, and then retry the operation.	W
05122	105230	There are no selectable parity groups.	Click [OK].	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05122	105247	The storage system is in internal process, or some other user is changing the configuration. Wait, then retry the operation.	If this problem persists, close the windows, verify that the internal processing or the configuration change has been complete, and then retry the operation. If the internal processing or the configuration change takes much time to complete, contact the Hitachi Data Systems Support Center.	E
05122	105254	No more graph items can be added because the number of graph items that can be displayed in one graph panel has reached the maximum.	Set the number of graph items per one graph panel to 8 or less.	W
05122	107001	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
05122	107002	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
05122	107003	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
05122	107004	The processing cannot continue due to an internal logic contradiction.	Retry the operation. If the same problem occurs again, close the windows, refresh it, then retry again. If the same problem persists despite retrying, please call the Support Center.	E
05122	107005	The processing cannot continue due to an internal logic contradiction.	Retry the operation. If the same problem occurs again, close the windows, refresh it, then retry again. If the same problem persists despite retrying, please call the Support Center.	E
05122	107015	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
05122	205024	The specified term of displaying graph is invalid.	Set the term to 93 days or less.	W
05122	205096	A CU to be monitored cannot be added because the number of CUs that can be specified exceeds the maximum.	Reduce the number of CUs to be monitored to 32 or less.	W

Part code 05205

Table 7-5 Error codes (part code 05205)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05205	001087	The volume specified as a migration target is being formatted or shredded.	Retry the operation after the formatting or the shredding is complete.	W
05205	001117	The volume specified as a migration source is already used as a volume of Concurrent Copy.	Select a different volume, and then retry the operation.	W
05205	001118	The volume specified as a migration target is already used as a volume of Concurrent Copy.	Select a different volume, and then retry the operation.	W
05205	001207	The volume types do not match.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
05205	001210	The shared memory to set a plan is insufficient.	Install the shared memory if it is possible. If it is impossible to install the shared memory, the plan cannot be set any further. See the section about the computational methods of the number of movement plans described in the *Volume Migration User Guide* for the relation between the number of plans that can be made and the shared memory.	W
05205	001212	The source volume(s) is not equipped.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
05205	001213	The command was rejected due to one of the following reasons. • The volume specified as a migration source was blocked.	Recover the blocked volume, and then retry the operation.	W
05205	001214	The volume specified as a migration source is being formatted or shredded.	Retry the operation after the formatting or the shredding is complete.	W
05205	001215	The volume specified as a migration source is a command device.	Select a different volume, and then retry the operation.	W
05205	001216	The target volume(s) is not equipped.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
05205	001217	The command was rejected due to one of the following reasons.	Recover the blocked volume, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• The volume specified as a migration target was blocked.		
05205	001218	The volume specified as a migration target is being formatted or shredded.	Retry the operation after the formatting or the shredding is complete.	W
05205	001219	The volume specified as a migration target is a command device.	Select a different volume, and then retry the operation.	W
05205	001221	The volume(s) are already used by Volume Migration.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
05205	001222	The number of the ShadowImage pair volumes has reached the maximum.	See "Supported and prohibited source and target volumes" in the *Volume Migration User Guide* if the volumes of ShadowImage can be migrated.	W
05205	001223	The volume(s) are already used by Volume Migration.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
05205	001224	The volume(s) are already used by Volume Migration.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
05205	001225	The selected source volume and destination volume are the same volume.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
05205	001229	The specified volume(s) are already used by ShadowImage.	See "Supported and prohibited source and target volumes" in the *Volume Migration User Guide* if the volumes of ShadowImage can be migrated.	W
05205	001230	The specified volume(s) are already used by ShadowImage.	Select a different volume, and then retry the operation.	W
05205	001231	The volume(s) is already being used by Data Migration.	Release the Data Migration.	W
05205	001232	The specified volume(s) are already used by ShadowImage.	Select a different volume, and then retry the operation.	W
05205	001233	The specified volume(s) are already used by ShadowImage.	Select a different volume, and then retry the operation.	W
05205	001234	The volume specified as a migration target cannot be migrated because it is used as P-VOL of TrueCopy.	Select a different volume, and then retry the operation.	W
05205	001235	The volume specified as a migration target cannot be migrated because it is used as S-VOL of TrueCopy.	Select a different volume, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05205	001237	The specified volume(s) are already used by ShadowImage.	Select a different volume, and then retry the operation.	W
05205	001238	The specified volume(s) are already used by ShadowImage.	Select a different volume, and then retry the operation.	W
05205	001239	The volume(s) is already being used by Data Migration.	Release the Data Migration.	W
05205	001606	The program product of Volume Migration is not installed.	Install the Volume Migration program product.	W
05205	001611	The specified volume has Read Only/Protect/SVOL Disable setting of Data Retention Utility.	Release the Read Only/Protect/S-VOL Disable setting of Data Retention Utility.	W
05205	002003	The operation cannot be performed because the storage system is being maintained, or in internal process.	Wait for a while, and then retry the operation.	W
05205	002011	The storage system is busy.	Wait for a while, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	003003	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	005013	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	005099	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	005203	This functionality is not available because Volume Migration is not installed.	Install the Volume Migration program product.	W
05205	005504	The specified volume cannot be migrated because it is used as S-VOL in the following status. • A volume of TrueCopy in the Pending status.	For the relation between TrueCopy and Volume Migration, see the description of Volume Migration with TrueCopy and Universal Replicator DP-VOLs in the *Volume Migration User Guide*.	W
05205	005505	The volume(s) is already being used by Remote Copy.	Please Release the Remote Copy Pair.	W
05205	005506	The specified volume cannot be migrated because it is used as P-VOL in the following status. • A volume of TrueCopy in the Pending status.	For the relation between TrueCopy and Volume Migration, see the description of Volume Migration with TrueCopy and Universal Replicator DP-VOLs in the *Volume Migration User Guide*.	W
05205	005507	The specified volume is not defined as the target volume of Volume Migration.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
05205	005510	This function is already in progress.	Wait for a while, and then retry the operation.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05205	006000	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	006012	An error occurred during Storage Navigator processing.	Restart the SVP, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	006022	The system failed to access the file.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	006023	An error occurred during Storage Navigator processing.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	006036	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	006050	An error occurred during Storage Navigator processing.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	006502	Processing in progress.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	W
05205	006510	The storage system is busy.	Wait for a while, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	006511	Please check pair status.	Wait for a while, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
05205	006512	Please check pair status.	Wait for a while, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05205	007060	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	007111	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	008001	An error occurred while connecting to the storage system.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	008002	The storage system status is invalid.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	008525	An internal logic error occurred.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	008526	An internal logic error occurred.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	008528	An internal logic error occurred.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	008529	An internal logic error occurred.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	008530	An internal logic error occurred.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	008531	An internal logic error occurred.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	008671	The sizes of the source and the target volumes are not equal.	Select the volumes with the same size for the migration source and target, and then retry the operation.	W
05205	055059	The specified volumes cannot be used for migration, because the specified source volume is a TrueCopy volume, and the specified target volume is an external volume.	Select a different volume, and then retry the operation.	W
05205	055060	The specified volume migration plan cannot be performed because a volume on which VMA	Confirm the settings of the specified volumes.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		for Data Retention Utility is set is paired with a volume on which VMA is not set.		
05205	055201	If the migration source volume is a normal volume, a CVS volume of the same capacity as the migration source volume cannot be specified as the migration target volume. If the migration source volume is a CVS volume, a normal volume of the same capacity as the migration source volume cannot be specified as the migration target volume.	Check the setting of the migration source volume and the migration target volume.	E
05205	055207	The auto migration plans cannot be created because "None" is specified in "Sampling Term".	Specify the parameters other.	E
05205	055223	The owner ID of the storage system used by the user does not match the owner ID of the specified target volume.	Select a volume that has the same owner ID.	W
05205	055225	The specified plan is the one created by other than Storage Navigator.	The specified plan cannot be released with Storage Navigator.	W
05205	055226	The specified plan is the one created by other than Storage Navigator.	The specified migration plan cannot be stopped with Storage Navigator.	W
05205	055258	The volume(s) are already being as a data volume used by Universal Replicator.	Select a different volume, and then retry the operation.	W
05205	055259	The volume(s) are already being as a data volume used by Universal Replicator.	Select a different volume, and then retry the operation.	W
05205	055500	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	055521	The specified volumes are already used as the volumes of Thin Image.	Select a different volume, and then retry the operation.	W
05205	055522	The specified volume(s) are already being used as V-VOL(s).	Select a different volume, and then retry the operation.	W
05205	055523	The specified volume(s) are already being used as Pool-VOL(s).	Select a different volume, and then retry the operation.	W
05205	055524	The specified volumes are already used as the volumes of Thin Image.	Select a different volume, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05205	055525	The specified volume(s) are already being used as V-VOL(s).	Select a different volume, and then retry the operation.	W
05205	055526	The specified volume(s) are already being used as Pool-VOL(s).	Select a different volume, and then retry the operation.	W
05205	055530	The specified volumes are already used as the volumes of Thin Image.	Select a different volume, and then retry the operation.	W
05205	055550	The volume(s) are already being used as a JNL volume by Universal Replicator.	Select a different volume, and then retry the operation.	W
05205	055551	The volume(s) are already being used as a JNL volume by Universal Replicator.	Select a different volume, and then retry the operation.	W
05205	055552	The specified source volume is a Universal Replicator volume, andthe specified target volume is an external volume. Therefore, the specified volumes cannot be used for migration.	Select a different volume, and then retry the operation.	W
05205	055586	The specified volume cannot be migrated, because it is in the shredding operation.	Retry the operation after the shredding is completed.	W
05205	055592	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	055593	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	055598	The specified volume is used as a Delta resync volumefor Universal Replicator.	Select a different volume, and then retry the operation.	W
05205	055599	The volume specified as a migration target is used as a volume of Delta resync for Universal Replicator.	The volume of Delta resync cannot be specified as a migration target. See "Supported and prohibited source and target volumes" in the *Volume Migration User Guide*.	W
05205	055646	Migration between external volumes with different cache modes is invalid.	Select a different volume, and then retry the operation.	W
05205	056301	An error occurred during Storage Navigator processing.	Restart the SVP, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	056302	An error occurred during Storage Navigator processing.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			the Hitachi Data Systems Support Center.	
05205	056303	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	056524	This function cannot be used by the storage partition administrator.	Select a different window. If you want to use this function, contact the Hitachi Data Systems Support Center.	E
05205	057101	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	057102	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	058451	The storage system is busy (internal processing).	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
05205	058572	An error occurred on the DKC side.	Wait for a while, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	058574	An error occurred while connecting to the storage system.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	058575	An error occurred while connecting to the storage system.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	058576	A communication time-out error occurred in the storage system.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
05205	065434	The specified volume(s) are the leaf volume(s) of ShadowImage.	Select a different volume, and then retry the operation.	W
05205	065673	The specified volume(s) are already being used as of Dynamic Provisioning volume (DP-VOL) (s).	Select a different volume, and then retry the operation.	W
05205	065674	The specified volume(s) are already being used as of	Select a different volume, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		Dynamic Provisioning volume (DP-VOL) (s).		
05205	065697	The volume specified as a migration source cannot be used, because it is in quick formatting.	Retry the operation after the quickformat is completed.	W
05205	065698	The volume specified as a migration target cannot be used, because it is in quick formatting.	Retry the operation after the quickformat is completed.	W
05205	065705	The specified volume cannot be moved because it is a Dynamic Provisioning volume that is not associated with a pool.	Select a different volume, and then retry the operation.	W
05205	065706	The specified volume cannot be moved because it is a Dynamic Provisioning volume that is not associated with a pool.	Select a different volume, and then retry the operation.	W
05205	065708	Migration cannot be performed because the Dynamic Provisioning volume that is the migration source and the Dynamic Provisioning volume that is the migration target are contained in the same pool.	Check the setting of the specified volume.	W
05205	065709	The specified following volumes cannot be migrated. The migration source volume is shared by a P-VOL or an S-VOL of Universal Replicator or TrueCopy , and the migration target volume is a Dynamic Provisioning volume.	Select a different volume, and then retry the operation.	W
05205	065714	Because the composition is being backed up, a volume concerned cannot be moved.	Wait for a while, and then retry the operation.	W
05205	065737	The specified volume cannot be used, because it is a volume of Dynamic Provisioning whose capacity is being added.	Check the specified volume capacity after the completion of the capacity expanding operation.	W
05205	065738	The volume specified as a migration target cannot be used, because it is a volume of Dynamic Provisioning in capacity expanding.	Confirm the capacity of the volume specified as a migration target after the capacity expanding operation is completed.	W
05205	065740	The configuration changing processes are conflicting at DKC.	Check if the configuration changing process by the Command Control Interface, the Volume Migration, or the Quick Restore is not in operation, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05205	065748	The volume specified as a migration source cannot be used, because it is a volume of Dynamic Provisioning in zero page reclaiming.	Retry the operation after the zero data page reclaiming is completed.	W
05205	065749	The volume specified as a migration target cannot be used, because it is a volume of Dynamic Provisioning in zero page reclaiming.	Retry the operation after the zero data page reclaiming is completed.	W
05205	065784	The volume specified as a migration source cannot be used because it is a quorum disk.	Verify the specified volume.	W
05205	065785	The volume specified as a migration target cannot be used because it is a quorum disk.	Verify the specified volume.	W
05205	065786	The pair operation cannot be performed because the volume specified as a migration source is a reserved volume of global-active device or used by a global-active device pair.	Specify a different volume, or delete the global-active device pair, and then retry the operation.	W
05205	065787	The pair operation cannot be performed because the volume specified as a migration target is a reserved volume of global-active device or used by a global-active device pair.	Specify a different volume, or delete the global-active device pair, and then retry the operation.	W
05205	065815	The specified volume is a volume of using two mirrors, which is included in the multi-target, the cascade, or the Delta resync configuration of a Universal Replicator pair.	Specify a different volume.	W
05205	065816	The specified volume is a volume of using two mirrors, which is included in the multi-target, the cascade, or the Delta resync configuration of a Universal Replicator pair.	Specify a different volume.	W
05205	065817	The specified volume is a volume of using two mirrors, which is included in the multi-target, the cascade, or the Delta resync configuration of a Universal Replicator pair.	Specify a different volume.	W
05205	075008	The volume specified as a migration target volume has an LU path setting.	Select a different volume, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05205	075010	The number of target volumes that could be executed at once exceeds the maximum.	Correct the number of manual migration instructions to 8 or less, and then retry the operation.	W
05205	075035	The volume specified as a migration source cannot be used, because the DP Pools are being initialized.	Wait until the initialization of the DP pools is completed, and then retry the operation.	W
05205	075036	The volume specified as a migration target cannot be used, because the DP Pools are being initialized.	Wait until the initialization of the DP pools is completed, and then retry the operation.	W
05205	076503	The specified LDEV belongs to a resource groupthat you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified LDEV.	W
05205	076504	The specified LDEV belongs to a resource groupthat you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified LDEV.	W
05205	076505	The specified LDEV belongs to a resource groupthat you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified LDEV.	W
05205	076506	The specified parity group belongs to a resource groupthat you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified parity group.	W
05205	076520	LDEVs specified as migration source volume and target volume, or parity groups contain the LDEVs, belong to different resource groups.	Make the auto migration plan again.	W
05205	078056	The operation failed, because the current firmware version does not support the capacity of the specified source volume.	Check the firmware version of the storage system.	W
05205	078057	The operation failed, because the current firmware version does not support the capacity of the specified target volume.	Check the firmware version of the storage system.	W
05205	078065	The operation cannot be performed because the storage system is in internal process, or the configuration is being changed by a different operation.	Wait for a while, and then retry the operation.	W
05205	078131	The volume specified as a migration source cannot be used because the volume settings for the online data migration are not valid.	Verify the settings for the online data migration, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05205	078132	The operation cannot be performed because the specified volume is used as an external volume that is mapped for the online data migration.	Specify a volume other than the external volume mapped for the online data migration, and then retry the operation.	W
05205	078133	The operation cannot be performed because the specified volume is used as an external volume that is mapped for the online data migration.	Specify a volume other than the external volume mapped for the online data migration, and then retry the operation.	W
05205	087777	The operation cannot be performed because a resource group is not locked.	If the same problem persists despite retrying, please call the Support Center.	E
05205	208389	A deduplication system data volume cannot be set as the source volume.	Select a different LDEV.	W
05205	208390	A deduplication system data volume cannot be set as the target volume.	Select a different LDEV.	W
05205	208399	A volume for which the capacity saving setting is enabled cannot be set as the source volume.	Select a different LDEV.	W
05205	208400	A volume for which the capacity saving setting is enabled cannot be set as the target volume.	Select a different LDEV.	W
05205	208543	The volume specified as a migration source cannot be used because it is a secondary volume of a ShadowImage pair whose primary volume has the nondisruptive migration attribute.	Select a different volume, and then retry the operation.	W
05205	208544	The volume specified as a migration target cannot be used because of the nondisruptive migration attribute of the volume.	Select a different volume, and then retry the operation.	W
05205	208545	Nondisruptive migration is not installed.	Install nondisruptive migration.	W
05205	208546	The extended shared memory for Volume Migration is not installed.	See the manual to verify the condition for this operation.	W
05205	208548	The specified migration plan cannot be canceled because the volume migration is already in the final step.	Wait until the volume migration is complete.	W
05205	208600	The volumes specified as migration source volumes	Specify external volumes without the data direct mapping attribute or	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		cannot be migrated because they are external volumes with the data direct mapping enabled or belong to parity groups with the accelerated compression enabled.	volumes that belong to parity groups with the accelerated compression disabled, and then retry the operation.	
05205	208601	The volumes specified as migration target volumes cannot be migrated because they are external volumes with the data direct mapping enabled or belong to parity groups with the accelerated compression enabled.	Specify external volumes without the data direct mapping attribute or volumes that belong to parity groups with the accelerated compression disabled, and then retry the operation.	W
05205	208602	The migration cannot be performed because T10 PI setting values differ between the specified source volume and target volume.	Apply the same T10 PI setting to both volumes, and then retry the operation.	W

Part code 05221

Table 7-6 Error codes (part code 05221)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05221	205001	No table rows are selected.	Select one or more table rows.	W
05221	205007	No table row is selected.	Select one table row.	W
05221	209009	Are you sure you want to delete the selected migration plans?	To continue, click [OK]. Otherwise, click [Cancel].	W
05221	209011	Are you sure you want to delete the selected rows?	To continue, click [OK]. Otherwise, click [Cancel].	W

Part code 05222

Table 7-7 Error codes (part code 05222)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05222	206086	There is no operational history that can be displayed on the select page.	Select a different page.	W
05222	206088	There is no migration plan.	Perform the volume migration, and then start the Migration Plans window.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05222	206089	The selected migration plan cannot be deleted because the migration plan is created by a different program.	Select the migration plan created by Storage Navigator and then retry the operation.	W
05222	206090	Nine or more migration plans are selected. You can only delete up to eight migration plans at once.	Select eight or less migration plans, and then retry the deletion.	W
05222	206091	The selected migration plan cannot be deleted because the source volume belongs to a resource group that you do not have permission to access.	Log off, and then log back on with access to the resource group containing the source volume that is used for the selected migration plan.	W
05222	206092	The selected migration plan cannot be deleted because the target volume belongs to a resource group that you do not have permission to access.	Log off, and then log back on with access to the resource group containing the target volume that is used for the selected migration plan.	W
05222	206093	The selected migration plan cannot be deleted because it does not exist anymore.	Refresh Storage Navigator, and then delete the migration plan.	W
05222	206094	The operation cannot be performed because the program product is not installed or you do not have permission to edit.	Install the program product, or log off, and then log back on with permission to edit.	W
05222	206095	The selected LDEV does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
05222	206096	Migration plans cannot be created because the target volume for the selected volume does not exist.	Select a different LDEV, and then create the migration plan again.	W
05222	206097	The volume that can be used to create migration plans does not exist.	Create volumes that can be used for migration plans, and then retry the operation.	W
05222	206098	You can only create up to eight migration plans.	Release the migration plans or apply them once, and then set migration plans again.	W
05222	206099	If the migration plan is performed, the ratio of the used capacity to the total pool capacity will exceed the depletion threshold for a pool that is associated with the target volume. Do you want to continue this operation?	To continue, click [OK]. Otherwise, click [Cancel].	W
05222	206100	If the migration plan is performed, the ratio of the used	To continue, click [OK]. Otherwise, click [Cancel].	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		capacity to the total pool capacity will exceed the warning threshold for a pool that is associated with the target volume. Do you want to continue this operation?		
05222	206101	The migration plan cannot be performed because the ratio of the used capacity to the total pool capacity is equal to or greater than 100% for a pool that is associated with the target volume.	Increase the capacity of the pool associated with the target volume.	W
05222	206103	The operation cannot be performed because the selected volume is not an external volume, an internal volume, or a DP-VOL.	Select a different LDEV, and then retry the operation.	W
05222	206104	This volume cannot be selected because it is used as a pool volume.	Select a different LDEV, and then retry the operation.	W
05222	206105	This volume cannot be selected because it is used as a journal volume.	Select a different LDEV, and then retry the operation.	W
05222	206107	This volume cannot be selected because the volume belongs to a resource group that you do not have permission to access.	Select a different LDEV, and then retry the operation.	W
05222	206108	This volume cannot be selected because it is being migrated.	Select a different LDEV, and then retry the operation.	W
05222	206109	This migration plan extends across multiple CLPRs. Do you want to continue this operation?	To continue, click [OK]. Otherwise, click [Cancel].	W
05222	206111	This volume cannot be selected because it is set as a command device.	Select a different LDEV, and then retry the operation.	W
05222	206114	This volume cannot be selected because it is an external volume mapped for online data migration.	Select a different LDEV, and then retry the operation.	W
05222	206115	The operation cannot be performed because the selected LDEVs belong to "NAS_Platform_System_RSG" with resource group ID 1023.	Verify the selected LDEVs.	W
05222	206170	The specified LDEV is a reserved volume of global-active device.	Specify a different LDEV, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05222	206172	The selected LDEV cannot be migrated because the accelerated compression is enabled.	Verify the selected LDEV settings.	W
05222	206220	The operation cannot be performed, because one or more deduplication system data volumes are specified.	Select different LDEVs.	W
05222	207006	An internal logic error occurred.	If this problem persists, contact the Hitachi Data Systems Support Center.	E

Part code 05305

Table 7-8 Error codes (part code 05305)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05305	001064	The specified WWN is already being used.	Correct the specified contents, and request the setting of the configuration information again.	W
05305	001258	This port is not properly equipped.	Retry the same operation. If nothing changes, please call the Support Center.	W
05305	002002	An error occurred during Storage Navigator processing.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
05305	002015	A connection error has occurred.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	W
05305	002145	A connection error has occurred.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	W
05305	003003	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05305	005000	The WWN should be input with hex digits (0-9 and A-F) and 16 characters.	Correct the specified content, and retry.	W
05305	005010	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
05305	005013	An error occurred during Storage Navigator processing.	Retry the same operation. If the same error occurs, please call the Support Center.	E
05305	005099	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
05305	005101	The target WWN is not registered.	Check the specified content, and retry.	W
05305	005102	The specified SPM group is not registered.	Check the specified content, and retry.	W
05305	005104	The specified SPM group is already registered.	Check the specified content, and retry.	W
05305	005105	The target port(s) does not equip the monitored WWN(s).	Check the specified content, and retry.	W
05305	005106	The target WWN is already registered in the port.	Check the specified content, and retry.	W
05305	005107	The specified Name is already used.	Check the specified content, and retry.	W
05305	005108	The specified Name is already used.	Check the specified content, and retry.	W
05305	005109	The number of WWN(s) that is monitored exceeds the maximum in the port.	Check the specified content, and retry.	W
05305	005110	The number of WWN(s) that is monitored exceeds the maximum.	Check the specified content, and retry.	W
05305	005111	The number of the WWNs exceeds the maximum number that can be registered on an SPM group.	Check the specified content, and retry.	W
05305	005112	The specified WWN is registered on a SPM group.	Check the specified content, and retry.	W
05305	005113	The specified WWN is registered on a SPM group.	Check the specified content, and retry.	W
05305	005114	The target WWNs have different attributes.	Check the specified content, and retry.	W
05305	005204	This function is not available.Performance Monitor is required.	Install the necessary program product.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05305	006000	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
05305	006012	An error occurred during Storage Navigator processing.	Restart the SVP, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
05305	006022	A file open error has occurred.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
05305	006023	A file access error has occurred.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
05305	006036	An error occurred during Storage Navigator processing.	If the same error occurs despite retrying, please call the Support Center.	E
05305	006050	An error occurred during Storage Navigator processing.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
05305	006051	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
05305	007111	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
05305	007428	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
05305	008002	The storage system status is invalid.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
05305	008918	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
05305	008919	The storage system status is invalid.	Retry the same operation several times. If the same error occurs, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05305	008971	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
05305	055500	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
05305	056301	An error occurred during Storage Navigator processing.	Restart the SVP, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
05305	056302	An error occurred during Storage Navigator processing.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
05305	056303	An error occurred during Storage Navigator processing.	The error may be caused by a temporary communication failure. Reboot the SVP or click [Refresh All] on the File menu of Storage Navigator and refresh the configuration information to recover from the error. If this problem persists, please call the Support Center.	E
05305	056524	This function cannot be used by the storage partition administrator.	Select another window. If you want to set this function, please contact the storage administrator.	E
05305	056525	Because the settings across the multiple SLPRs are contained, the authority has been shifted to the storage administrator from the storage partition administrator.	To continue the operation, please contact the storage administrator and have the settings across the multiple SLPRs cancelled, then retry the operation. To perform other operations, please select a function button.	E
05305	056526	The resources of other SLPR(s) cannot be accessed.	An error occurred during processing. If this problem persists, please call the Support Center.	E
05305	057101	An error occurred during Storage Navigator processing.	The error may be caused by a temporary communication failure. Reboot the SVP or click [Refresh All] on the File menu of Storage Navigator and refresh the configuration information to recover from the error. If this problem persists, please call the Support Center.	E
05305	057102	An error occurred during Storage Navigator processing.	The error may be caused by a temporary communication failure. Reboot the SVP or click [Refresh All] on the File menu of Storage Navigator and refresh the configuration information to recover from the error. If this problem persists, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05305	058572	An error occurred while connecting to the storage system.	The error may be caused by a temporary communication failure. Reboot the SVP or click [Refresh All] on the File menu of Storage Navigator and refresh the configuration information to recover from the error. If this problem persists, please call the Support Center.	E
05305	058574	An error occurred while connecting to the storage system.	The error may be caused by a temporary communication failure. Reboot the SVP or click [Refresh All] on the File menu of Storage Navigator and refresh the configuration information to recover from the error. If this problem persists, please call the Support Center.	E
05305	058575	An error occurred while connecting to the storage system.	The error may be caused by a temporary communication failure. Reboot the SVP or click [Refresh All] on the File menu of Storage Navigator and refresh the configuration information to recover from the error. If this problem persists, please call the Support Center.	E
05305	058576	A communication time-out error occurred in the storage system.	The error may be caused by a temporary communication failure. Reboot the SVP or click [Refresh All] on the File menu of Storage Navigator and refresh the configuration information to recover from the error. If this problem persists, please call the Support Center.	E
05305	075040	This functionality is not available because Server Priority Manager is not installed.	Install the necessary program product.	E
05305	076510	The specified port belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified port.	W
05305	078117	Server Priority Manager cannot be operated from Storage Navigator because settings for Server Priority Manager have been made on this storage system from Command Control Interface.	Make the settings from Command Control Interface. To make the settings from Storage Navigator, delete all settings of Server Priority Manager done from Command Control Interface.	E
05305	087777	The operation cannot be performed because a resource group is not locked.	If the same problem persists despite retrying, please call the Support Center.	E

Part code 05307

Table 7-9 Error codes (part code 05307)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05307	005099	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
05307	005102	The specified SPM group is not registered.	Check the specified content, and retry.	W
05307	005128	The number of the SPM groups exceeds the maximum number that can be registered.	Check the specified content, and retry.	E
05307	006012	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E

Part code 05310

Table 7-10 Error codes (part code 05310)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05310	001110	You can not use the following characters for the name:\ / , : ; * ? " < > | You cannot use leading and trailing spaces in the name.	Remove the prohibited characters from the nickname.	W
05310	005000	The specified WWN is invalid.	Enter the WWN with 16 characters, using any of the following in combination: • Numerals (0-9) • Letters (A-F) • Dash (-) • Spaces. (You cannot specify 0 for all of the 16 characters.)	W
05310	005067	The maximum value is not set for the non-priority port.	Set the maximum value for the non-priority port.	W
05310	005068	The value is not set for the overall control.	Set the value for the overall control.	W
05310	005069	The maximum value is not set for the non-priority WWN.	Set the maximum value for the non-priority WWN.	W
05310	005107	The specified name is already used.	Verify the settings, and then retry the operation.	i
05310	005108	The specified name is already used.	Verify the settings, and then retry the operation.	i

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05310	005109	The number of WWNs of the specified port exceeds the maximum that can be monitored.	Verify the settings, and then retry the operation.	i
05310	005110	The number of WWNs to be monitored exceeds the maximum that can be registered in the entire storage system.	Verify the settings, and then retry the operation.	i
05310	005111	The entered value exceeds the maximum number of WWNs that can be registered in a Server Priority Manager group.	Verify the settings, and then retry the operation.	i
05310	005128	The entered value exceeds the maximum number of Server Priority Manager groups that can be registered.	Verify the settings, and then retry the operation.	i
05310	005129	The specified WWN is already registered in another Server Priority Manager group.	Verify the settings, and then retry the operation.	i
05310	005134	The attribute of the WWN is different from that of the Server Priority Manager group.	Correct and reset the attribute.	W
05310	005136	The input WWN is already registered as a different nickname.	Verify the settings, and then retry the operation.	W
05310	006518	Delete the WWN from the Server Priority Manager group first.	Delete the WWN from the Server Priority Manager group.	W
05310	006519	Do you want to change the WWNs of other ports too?	Click [Yes] if you want to change the WWNs of other ports.	i
05310	009077	Are you sure you want to delete the WWN?	To continue processing, click [OK]. To stop processing, click [Cancel].	i
05310	009078	Are you sure you want to delete the Server Priority Manager group?	To continue processing, click [OK]. To stop processing, click [Cancel].	i
05310	009079	The Server Priority Manager group is deleted because no WWN is registered in the Server Priority Manager group.	To continue processing, click [OK]. To stop processing, click [Cancel].	i
05310	009312	The control status will change to "Port Control".	Click [OK].	W
05310	009313	The control status will change to "WWN Control".	Click [OK].	W
05310	009315	The monitoring switch is turned OFF.	If you use the real time option for the first time, turn the monitoring switch ON.	i

Part Code	Error Number	Error Message	Recommended Action	Severity Level
05310	009326	The control status will change to "No Control".	If you accept the change in the control status to "No Control", continue the operation.	W
05310	009328	The settings for the removed ports remain.	To clear the settings, check the check box of "Delete ports if CHA is removed," and then click [Apply].	W
05310	009329	Next, the initialization for the settings on Port control will be performed.	If you click [OK] on the next window, the settings on port control will be initialized. To quit the operation, click [Cancel] on the next window.	W
05310	009330	Next, the initialization for the settings on WWN control will be performed.	If you click [OK] on the next window, the settings on WWN control will be initialized. To quit the operation, click [Cancel] on the next window.	W
05310	009331	The specified WWN is already in use.	Correct the specified contents, and request the setting of the configuration information again.	W
05310	009333	Do you want to change the control status to Port Control?	Click [Yes] to change the control status.	i
05310	009334	Do you want to change the control status to WWN Control?	Click [Yes] to change the control status.	i
05310	009335	Do you want to change the control status to No Control?	Click [Yes] to change the control status.	i
05310	059000	The Server Priority Manager group extends across multiple SLPRs. Do you want to continue?	To continue processing, click [OK]. To stop processing, click [Cancel].	W
05310	065733	WWN cannot be registered because the number of WWNs of one of the ports to be monitored at the same time exceeds the maximum.	Reduce the number of WWNs to be monitored, which exceeds the maximum, and then retry the operation.	i

8

Message (part code group 06nnn)

This chapter includes the error messages with the part code 06005 to 06507.

- Part code 06005
- Part code 06007
- Part code 06205
- Part code 06505
- Part code 06507

Part code 06005

Table 8-1 Error codes (part code 06005)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06005	005013	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Hitachi Data Systems Support Center.	E
06005	006012	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Hitachi Data Systems Support Center.	E
06005	006023	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please contact the Hitachi Data Systems Support Center.	W
06005	006537	The setting cannot be applied because there is an error in a different setting.	Verify and correct the error in the other setting, and then retry the operation.	W
06005	008000	A time-out error occurred.	Verify that all of the settings have been applied. Retry the setting on the items that are not applied if there is any. If this problem persists, contact the Hitachi Data Systems Support Center.	W
06005	008001	A time-out error occurred.	Verify that all of the settings have been applied. Retry the setting on the items that are not applied if there is any. If this problem persists, contact the Hitachi Data Systems Support Center.	W
06005	008100	The operation cannot be performed, or a communication time-out error occurred.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
06005	008104	The storage system has accepted the request normally, but the pair status change requires some time.	Verify that the pair status has been changed. If the status is not changed, verify the local storage system or remote storage system configuration and the condition of the paths between the local storage system and the remote storage system. If this message is displayed after the Create Pairs or Resync Pairs operation, perform the Split Pairs operation for the pair in the Copy status, and then perform the Resync Pairs operation.	W
06005	008700	Please retry operation.	Retry the operation.	W
06005	008701	The remote path between the local storage system and the remote storage system is not active.	Verify the remote path status. For use by an open system, verify that a path whose connection type is System is registered.	W
06005	008702	The status of the primary volume is not valid.	Wait for a while, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06005	008703	The specified number of remote paths is less than the minimum number of paths.	Verify the number of normal remote paths.	W
06005	008704	The specified number of remote paths is less than the minimum number of paths due to a communication error between the local storage system and the remote storage system.	Verify the remote path status, and then restore the paths.	W
06005	008705	The remote paths cannot be deleted due to a communication error between the local storage system and the remote storage system.	Verify the CHB status of the local storage system. If the CHB is blocked, contact the Hitachi Data Systems Support Center.	W
06005	008706	The parameter entered in the remote replication operation is not valid.	Enter a correct value. When the status of the specified volume is SMPL (Simplex), delete the pair by specifying Delete Pair by Force, and then retry the operation.	W
06005	008708	The pair status of the secondary volume is invalid for the specified operation.	Verify the pair status of the secondary volume.	W
06005	008709	The TrueCopy or Universal Replicator operation cannot be performed.	Contact the Hitachi Data Systems Support Center to replace the CHB.	E
06005	008710	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.	W
06005	008711	The port name, host group ID, LUN ID, CU, or LDEV of the specified volume is invalid.	Verify if the specified port name, host group ID, LUN ID, CU, or LDEV exists in the local storage system.	W
06005	008712	The operation was rejected due to a 'FREEZE' state.	If this is a remote connection operation, recover from the freeze status, and then retry the operation. If this is a pair operation for remote replication, recover the remote path status, and then retry the operation.	W
06005	008713	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, then change the port type.	W
06005	008714	An internal error occurred.	If this problem persists, please call the Hitachi Data Systems Support Center.	E
06005	008715	The number of remote paths is invalid.	Verify the specified number of paths, and then retry the operation.	W
06005	008718	The specified remote path already exists.	Verify all remote paths, and then select a different port name.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06005	008719	The serial number or model of the remote storage system is not valid.	Verify the serial numbers and models of the specified remote storage system and the registered remote storage systems, and select the correct values. If the values are correct, verify the cable connection of the remote storage system, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
06005	008720	The operation cannot be performed because the number of remote storage systems is in one of the following statuses: • Maximum 4 remote storage systems are already registered in one CU. • Maximum 64 remote storage systems are already registered while System is selected.	Reduce the number of registered remote storage systems, and then retry the operation.	W
06005	008721	The remote path creation was incomplete.	Verify the path connections between the local storage system and the remote storage system, and then retry the operation.	W
06005	008722	The remote path could not be created.	Verify the path connections between the local storage system and the remote storage system, and then retry the operation.	W
06005	008723	The operation cannot be performed because the specified remote path is the last path of the pair volume of any of the following: • TrueCopy • Universal Replicator • global-active device	Create a different remote path or delete all pair volumes on the remote storage system, and then retry the operation.	W
06005	008724	The specified number of remote paths is less than the minimum number of paths.	Increase the number of remote paths or specify the minimum number of paths smaller.	W
06005	008727	The number of normal remote paths is less than the minimum number of paths.	Add normal remote paths, and then set the minimum number of paths, or reduce the minimum number of paths, and then delete the remote path.	W
06005	008728	The number of normal remote paths is less than the minimum number of paths.	Please take either of the following actions: Add normal paths, then delete the paths. Decrease the number of minimum paths, then delete the paths.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06005	008729	An internal error occurred.	If this problem persists, please call the Hitachi Data Systems Support Center.	E
06005	008731	The existing logical addresses are not equal.	Remove the remote connection, specify the same logical address, and then register a remote connection again.	W
06005	008733	The remote replication function is not installed on the local storage system.	Install the required program product.	E
06005	008734	The remote replication function is not installed on the remote storage system.	Install the required program product.	E
06005	008735	The serial number or model of the remote storage system is not valid.	Verify the serial numbers and models of the specified remote storage system and the registered remote storage systems, and select the correct values. If the values are correct, verify the cable connection of the remote storage system, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
06005	008736	The operation cannot be performed because a pair volume of any of the following exists on the specified remote storage system: • TrueCopy • Universal Replicator • global-active device	Delete all pair volumes on the remote storage system, and then retry the operation.	W
06005	008737	An internal error occurred.	If this problem persists, please call the Hitachi Data Systems Support Center.	E
06005	008739	The NVS status of the local storage system connected to the host is not active.	Verify the NVS status of the local storage system, and then retry the setting. If you cannot set up, contact the Hitachi Data Systems Support Center.	W
06005	008740	The NVS status of the remote storage system connected to the host is not active.	Verify the NVS status of the remote storage system, and then retry the setting. If you cannot set up, contact the Hitachi Data Systems Support Center.	W
06005	008741	The remote paths between the local storage system and the remote storage system are not established.	Verify the remote paths status between the local storage system and the remote storage system.	W
06005	008742	Pinned tracks exist in the primary volume.	Restore the pinned tracks in the primary volume.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06005	008743	Pinned tracks exist in the secondary volume.	Restore the pinned tracks in the secondary volume.	W
06005	008744	The specified primary volume cannot be used.	Verify if the primary volume is in any of the following conditions: • The volume is in data copy process (correction copy or drive copy). • The volume is in the correction access condition. • The volume is blocked. • The volume is being maintained. • The access attribute of the volume is Read Only.	W
06005	008745	A volume cannot be used as a secondary volume when: • It is used by TrueCopy. • It is used by Universal Replicator.	Specify a different volume.	W
06005	008753	An internal error occurred.	Too many pairs might be specified. Verify the pairs whose statuses are unchanged from those before the operation, reduce the number of pairs to be specified, and then retry the operation on the pairs. If this problem persists, contact the Hitachi Data Systems Support Center.	E
06005	008754	The serial number of the local storage system is not valid.	Verify the serial number of the local storage system, and then retry the operation with the correct parameter.	W
06005	008756	The cache of the local storage system is not active.	Verify the cache status of the storage system connected to the host. If the cache is disabled, enable the cache. If you cannot enable the cache, contact the Hitachi Data Systems Support Center.	W
06005	008757	One side of the cache or the shared memory is blocked in the local storage system.	Verify the status of the cache and the shared memory in the local storage system, and then contact the Hitachi Data Systems Support Center.	E
06005	008758	An unexpected error occurred in the local storage system.	Contact the Hitachi Data Systems Support Center.	E
06005	008759	The cache of the remote storage system is not active.	Verify the cache status of the local storage system connected to the host. If the cache is disabled, enable the cache. If you cannot enable the cache, contact the Hitachi Data Systems Support Center.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06005	008761	The operation cannot be performed due to one of the following reasons: • The emulation types of the primary and secondary volumes do not match. • The capacities of the primary and secondary volumes do not match. • The secondary volume is a LUSE volume.	Specify a different volume for the primary volume or the secondary volume.	W
06005	008762	The cache of the secondary volume is not active.	Verify the cache status of the secondary volume connected to the host. If the cache is disabled, enable the cache. If you cannot enable the cache, contact the Hitachi Data Systems Support Center.	W
06005	008764	The specified secondary volume cannot be used.	Verify the status of the specified secondary volume.	W
06005	008766	TrueCopy does not support the emulation type of the secondary volume.	Verify that the emulation type of the secondary volume is OPEN-V.	W
06005	008768	The remote storage system is still used by a different remote replication program product.	If the remote storage system is used by a different remote replication program product, delete the remote storage system if necessary, and then retry the operation.	W
06005	008770	The cache on the local storage system is automatically recovering.	Wait for a few minutes, and then retry the operation.	W
06005	008772	The operation cannot be performed because a communication error occurred or the secondary volume status is not valid.	Wait until the communication error is recovered or the secondary volume becomes normal status, and then retry the operation.	W
06005	008773	The operation cannot be performed because the primary volume is in the Split status.	Resynchronize the primary volume, and then retry the operation.	W
06005	008775	The multi platform feature is already installed in the remote storage system.	Remove the multi platform feature from the remote storage system.	W
06005	008776	The volume specified as the primary volume is used by Universal Replicator.	Specify a different volume.	W
06005	008777	The local storage system does not support connection with the specified remote storage system.	See the user guide to verify whether the local storage system supports the connection with the specified remote storage system.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06005	008778	One side of the cache or the shared memory of the local storage system is blocked.	Verify the status of the cache and shared memory of the remote storage system, and then contact the Hitachi Data Systems Support Center.	E
06005	008788	The pair operation cannot be performed because the specified secondary volume applies to one of the following: • A LUN path is not defined. • Its emulation type is not supported.	Verify the configuration of the remote storage system, and then specify an existing volume for the secondary volume. Or verify the emulation type of the specified secondary volume.	W
06005	008789	The combination of the primary and secondary volume configurations is not valid.	Verify the configurations of both the primary and secondary volumes.	W
06005	008793	The TrueCopy function is not installed in the local storage system or the remote storage system.	Install the TrueCopy function in the local storage system and the remote storage system, and then retry the operation.	W
06005	008795	The operation cannot be performed because the specified primary volume applies to either of the following: • A secondary volume of ShadowImage, which is not in the PSUS status. • A volume used by ShadowImage in the Reverse Copy status.	Verify the status of the specified primary volume.	W
06005	008796	The operation cannot be performed because the specified secondary volume applies to either of the following: • A secondary volume of ShadowImage. • A volume of ShadowImage in the Reverse Copy status.	Verify the status of the specified secondary volume.	W
06005	008797	If the specified primary volume is a secondary volume of ShadowImage, one primary volume must be paired with one secondary volume.	Verify the status of the specified primary volume.	W
06005	008798	The pair cannot be registered because the local storage system is already used by ShadowImage.	Verify the use status of ShadowImage on the local storage system.	W
06005	008799	The primary volume is already used in Volume Migration.	Verify the status of the primary volume.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06005	008800	The secondary volume is already used in Volume Migration.	Verify the status of the secondary volume.	W
06005	008801	The remote path or the remote storage system is in a high load state.	Wait for a while, and then retry the operation.	W
06005	008808	The operation cannot be performed because the pair status of the specified volume in the local storage system is changing.	Wait until the pair status of the specified volume becomes available, and then retry the operation.	W
06005	008809	The operation cannot be performed because the pair status of the specified volume in the remote storage system is changing.	Wait until the pair status of the specified volume becomes available, and then retry the operation.	W
06005	008819	A volume cannot be used as a secondary volume when: • It is in an intervention-required condition. • It is in a protection condition. • It is in an unusable condition. • It is a secondary volume of ShadowImage.	Specify a different volume.	W
06005	008820	The TrueCopy operation cannot be performed because the specified secondary volume is in any of the following conditions: • The volume is blocked. • The volume is being maintained. • The volume is in data copy process (correction copy or drive copy). • The volume is in the correction access condition.	Verify the status of the secondary volume.	W
06005	008821	The specified secondary volume cannot be recognized from the connection port.	Verify the configuration of the specified secondary volume.	W
06005	008822	The operation cannot be performed due to one of the following reasons: • An I/O error occurred in the secondary volume. • The secondary volume is in unusable condition.	Verify that the secondary volume is in usable condition. If it is usable, verify that the microcode version of the local storage system supports this function or configuration. If the DKCMAIN firmware version supports this function or configuration, contact the Hitachi Data Systems Support Center.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• This function or configuration is not supported by the DKCMAIN firmware version of the local storage system.		
06005	008826	An internal error occurred.	If this problem persists, please call the Hitachi Data Systems Support Center.	E
06005	008827	The local storage system cannot accept the pair operation.	Wait for a while, and then retry the operation.	W
06005	008831	The specified secondary volume is already used as a reserved volume of Volume Migration.	Specify a different volume.	W
06005	008832	The specified secondary volume is used by a Volume Migration pair whose status is changing.	Wait for a few minutes, and then retry the operation.	W
06005	008833	The specified secondary volume is used by a Volume Migration pair whose status is changing.	Wait for a few minutes, and then retry the operation.	W
06005	008834	The pair cannot be created because the used capacity exceeds the licensed capacity.	See the license key and confirm the licensed capacity of the volumes. To create more pairs, purchase a license key that allows you to use a larger capacity.	W
06005	008835	The pair cannot be created because the used capacity exceeds the licensed capacity of the remote storage system.	Verify the licensed capacity of the remote storage system. To create more pairs, purchase a license key that allows you to use a larger capacity.	W
06005	008836	No additional volume pairs waiting for copy.	Check the pair status and retry.	W
06005	008837	An internal error occurred.	If this problem persists, please call the Hitachi Data Systems Support Center.	E
06005	008838	The selected volume is not used by a TrueCopy pair.	Select a volume used by a TrueCopy pair, and then retry the operation.	W
06005	008840	The pair split operation for the secondary volume is invalid.	Verify the pair status of the secondary volume.	W
06005	008841	The specified volume is not a secondary volume.	Verify the secondary volume setting, and then retry the operation.	W
06005	008842	The secondary volume status change failed after the primary volume status changed.	Verify the secondary volume status.	W
06005	008843	The pair cannot be split because the specified volume is not available.	Verify the pair status of the specified volume.	W
06005	008846	An internal error occurred.	If this problem persists, please call the Hitachi Data Systems Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06005	008847	An internal error occurred.	If this problem persists, please call the Hitachi Data Systems Support Center.	E
06005	008848	Please wait a few minutes and retry the Suspend Pair(Pairsplit-r) operation.	The suspend pair (Pairsplit-r) operation failed. A few minutes later, refresh the window, confirm if the specified volumes are in the permissible status, then retry the operation.	W
06005	008849	The specified volume is not a TrueCopy pair volume.	Verify the TrueCopy pair setting, and then retry the operation.	W
06005	008860	An internal error occurred.	If this problem persists, please call the Support Center.	E
06005	008861	An internal error occurred.	If this problem persists, please call the Support Center.	E
06005	008862	Please wait a few minutes and retry the Delete Pair(Pairsplit-S) operation.	A few minutes later, retry the operation.	W
06005	008863	Unknown Error Code.	Please call the Support Center.	E
06005	008864	An internal error occurred.	If this problem persists, please call the Support Center.	E
06005	008865	An internal error occurred.	If this problem persists, please call the Support Center.	E
06005	008866	An internal error occurred.	If the problem persists despite retrying, please contact the Hitachi Data Systems Support Center.	E
06005	008867	An internal error occurred.	If this problem persists, please call the Support Center.	E
06005	008877	An internal error occurred.	If the problem persists despite retrying, please contact the Hitachi Data Systems Support Center.	E
06005	008881	An internal error occurred.	If the problem persists despite retrying, please contact the Hitachi Data Systems Support Center.	E
06005	008883	An internal error occurred.	If this problem persists, please call the Support Center.	E
06005	008884	An internal error occurred.	If this problem persists, please call the Support Center.	E
06005	008885	An internal error occurred.	If this problem persists, please call the Support Center.	E
06005	008886	An internal error occurred.	If this problem persists, please call the Support Center.	E
06005	008903	Unknown Error Code.	If this problem persists, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06005	008904	No more space is left in the local storage system for the differential management.	Contact the Hitachi Data Systems Support Center.	E
06005	008905	The extended shared memory is not installed in the local storage system.	Contact the Hitachi Data Systems Support Center.	E
06005	008906	No more space is left in the remote storage system for the differential management.	Contact the Hitachi Data Systems Support Center.	E
06005	008907	The extended shared memory is not installed in the remote storage system.	Contact the Hitachi Data Systems Support Center.	E
06005	008908	Invalid parameter.	Specify a correct value.	W
06005	008910	A Port exchange error occurred.	If this problem persists, please call the Support Center.	E
06005	008912	Logical paths exist on the port.	Delete the LUs defined on the specified port, then retry the operation.	W
06005	008913	Invalid port type.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	W
06005	008914	Multi platform feature is already installed in the storage system.	Check the configuration of the storage system.	W
06005	008915	The port type exchange operation is rejected because the host(s) is(are) processing the port type exchange.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	W
06005	008921	A volume cannot be used as a primary volume when: • It is in an intervention-required condition. • It is in a protection condition. • It is in an unusable condition. • It is a secondary volume of ShadowImage.	Verify the status of the specified primary volume.	W
06005	008929	Invalid port type.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	W
06005	008932	The remote path cannot be established because the configuration definition of the specified CU number does not exist.	Specify a CU number that is defined in the configuration of the local storage system.	W
06005	008936	The Create Pairs operation cannot be performed. The	Verify the DKCMAIN firmware version of the remote storage system.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		DKCMAIN firmware version of the specified remote storage system does not support the remote replication function using NAS volumes.		
06005	008944	The specified secondary volume cannot be used because of the access attribute changed by Data Retention Utility.	Verify the Data Retention Utility setting of the specified secondary volume.	W
06005	008945	Any of the following is not valid: • Primary volume parameters (CU, port name, host group ID, LUN ID) • CU of the remote storage system • Secondary volume parameters (port name, host group ID, LUN ID)	Any of the following is not valid: • Primary volume parameters (CU, port name, host group ID, LUN ID) • CU of the remote storage system • Secondary volume parameters (port name, host group ID, LUN ID)	W
06005	008975	The pair cannot be created because the secondary volume is LUN path-defined from the iSCSI port.	Specify a different volume.	W
06005	008982	The pair cannot be created because the specified primary volume is a command device.	Specify a different volume.	W
06005	008983	The pair cannot be created because the specified secondary volume is a command device.	Specify a different volume.	W
06005	058319	The pair operation cannot be performed due to either of the following reasons: • The specified primary volume is used by Universal Replicator. • A storage system that does not support the specified pair configuration is included.	Remove the storage system that does not support the specified pair configuration, or specify a different volume, and then retry the operation.	W
06005	058320	The pair operation cannot be performed due to either of the following reasons: • The specified secondary volume is used by Universal Replicator. • A storage system that does not support the specified pair configuration is included.	If the Create Pairs operation cannot be performed, take the following action: • If the remote storage system is in a 2DC configuration in which Universal Replicator is combined with TrueCopy, wait until the status of the Universal Replicator pair changes to PAIR, and then retry the operation. • If the remote storage system is not in a 2DC configuration, specify a	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			different volume for the secondary volume, and then retry the operation. • If one of the storage systems does not support the specified pair configuration, remove the storage system, and then retry the operation. If the Resync Pairs operation cannot be performed, restore the Universal Replicator pair first, and then retry the operation.	
06005	058322	The Create Pairs operation cannot be performed because the specified secondary volume is a LUSE volume that is set across multiple CLPRs.	Specify a different volume for the secondary volume.	W
06005	058357	A pair cannot be created, because you tried to create a volume pair formed with a volume to which VMA is set by Data Retention Utility and a volume without VMA.	Check to ensure that you did not mistakenly attempt to create a volume with or without VMA.	W
06005	058358	A pair cannot be created using the specified primary volume because the setting process of VMA that is used for Data Retention Utility is not yet complete.	Wait for a while, then retry the operation.	W
06005	058359	A pair cannot be created using the specified secondary volume because the setting process of VMA that is used for Data Retention Utility is not yet complete.	Wait for a while, then retry the operation.	W
06005	058451	The storage system is in internal process. Please retry the operation.	Wait for a while, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
06005	058452	The operation cannot be performed because the licensed capacity of Data Retention Utility on the remote storage system is not enough or Data Retention Utility is not installed on the remote storage system.	Verify the licensed capacity of Data Retention Utility on the remote storage system or if Data Retention Utility is installed on the remote storage system. To perform this operation, purchase a license key that allows you to use a larger capacity or install Data Retention Utility on the remote storage system.	W
06005	058454	The operation cannot be performed because the licensed capacity of Data Retention Utility on the remote storage system is	Verify the licensed capacity of Data Retention Utility on the local storage system or if Data Retention Utility is installed on the local storage system. To perform this operation, purchase a	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		not enough or Data Retention Utility is not installed on the local storage system.	license key that allows you to use a larger capacity or install Data Retention Utility on the local storage system.	
06005	058460	The specified primary volume is already used as a primary volume for Universal Replicator.	Specify a different volume, or create the Universal Replicator pair again using a mirror ID other than 0, and then retry the operation.	W
06005	058494	A pair cannot be created because the specified primary volume is being used by Thin Image.	Specify another volume.	W
06005	058495	A pair cannot be created because the specified secondary volume is being used by Thin Image or Copy-on-Write Snapshot.	Specify another volume.	W
06005	058496	A pair cannot be created because the specified primary volume is a virtual volume.	Specify another volume.	W
06005	058497	A pair cannot be created because the specified secondary volume is a virtual volume.	Specify another volume.	W
06005	058498	A pair cannot be created because the specified primary volume is being used as a pool volume.	Specify another volume.	W
06005	058499	A pair cannot be created because the specified secondary volume is being used as a pool volume.	Specify another volume.	W
06005	058509	A communication time-out error occurred between the local storage system and the remote storage system.	Wait a while, then retry the operation.	W
06005	058568	A pair cannot be created because the specified primary volume is being shredded by Data Retention Utility.	Verify that the shredding is complete, and then retry the operation.	W
06005	058569	A pair cannot be created because the specified secondary volume is being shredded by Data Retention Utility.	Verify that the shredding is complete, and then retry the operation.	W
06005	058586	The operation cannot be performed because the specified volume cannot be used as a secondary volume due to a host setting.	Verify whether the specified volume number is correct or the usage status of the host for the specified secondary volume.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06005	058712	The licensed capacity of TrueCopy on the remote storage system is not enough.	Verify the licensed capacity of TrueCopy, and then purchase a license key that allows you to use a larger capacity.	W
06005	058714	The licensed capacity of TrueCopy on the local storage system is not enough.	Verify the licensed capacity of TrueCopy, and then purchase a license key that allows you to use a larger capacity.	W
06005	065740	The operation cannot be performed because a configuration change is in progress in the local storage system.	Wait until the configuration change performed by Command Control Interface or Volume Migration and so on is complete, and then retry the operation.	W
06005	068011	The operation cannot be performed because the specified primary volume is being used as a Dynamic Provisioning volume.	Verify the primary volume setting, and then retry the operation.	W
06005	068012	The operation cannot be performed because the specified secondary volume is being used as a Dynamic Provisioning volume.	Verify the setting of the specified secondary volume, and then retry the operation.	W
06005	068020	The setting of Maximum Initial Copy Activities (CU) cannot be changed to Enable or Disable, because there are pairs in the COPY or Pending status.	Confirm that no pairs are in COPY or Pending status, then retry the operation.	W
06005	068022	The specified primary volume is used as a pair volume of Universal Replicator. The operation cannot be performed because Remote Replication Extended is not installed on the local storage system.	Install Remote Replication Extended on the local storage system.	W
06005	068023	The specified secondary volume is used as a pair volume of Universal Replicator. The operation cannot be performed because Remote Replication Extended is not installed on the remote storage system.	Install Remote Replication Extended on the remote storage system.	W
06005	068027	The operation cannot be performed because the remote storage system does not support the CU or the LUN ID of the specified primary volume.	Verify the CU or the LUN ID of the specified primary volume.	W
06005	068757	The pair cannot be created because the specified secondary volume, which is a Dynamic Provisioning volume, is already	Select a different volume that is not used by different program products or cancel the use of the volume operated	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		used by a different program product.	by different program products, and then retry the operation.	
06005	068758	The Create Pairs operation cannot be performed because the volume specified as the secondary volume is a system disk.	Select a different volume or release the setting of a system disk for the secondary volume, and then retry the operation.	W
06005	068787	The operation failed because the TrueCopy function was not installed.	Install the TrueCopy function to the storage system.	W
06005	068789	The pair cannot be created because the TrueCopy function is not installed on the remote storage system.	Install the TrueCopy function on the remote storage system.	W
06005	068791	The operation cannot be performed because the specified volume is not a secondary volume.	Verify the setting of the specified volume and then retry the operation.	W
06005	068793	The Reverse Resync operation failed because the status of the specified volume was not SSWS.	Refresh the window, and confirm whether the status of the specified volume is SSWS.	W
06005	068795	The operation cannot be performed. The shared memory might not be enough.	See the manual to verify the condition for this operation.	E
06005	068796	The operation failed. The operation cannot be accepted in the pair status of the specified volume.	Refresh the window, and confirm the pair status of the specified volume.	W
06005	068812	A pair cannot be created because the specified secondary volume is a Dynamic Provisioning volume whose capacity is being changed.	Wait until the capacity change of the secondary volume is complete, verify each capacity of the primary volume and the secondary volume, and then make a combination of volumes for pair creation again.	W
06005	068813	A pair cannot be created because the specified primary volume is a Dynamic Provisioning volume whose capacity is being changed.	Wait until the capacity change of the primary volume is complete, verify each capacity of the primary volume and the secondary volume, and then make a combination of volumes for pair creation again.	W
06005	068816	A pair cannot be created because the specified volume is used as a primary volume of Universal Replicator.	The specified volume is a primary volume of Universal Replicator used in the 2DC configuration in which TrueCopy is combined. Select a different volume.	W
06005	068826	The operation failed, because the Universal Volume Manager function was not installed.	Install the Universal Volume Manager, then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06005	068827	The operation failed, because there was an error in the specified parameter.	If the problem persists despite retrying, please call the Support Center.	E
06005	068844	The operation cannot be performed because the specified primary volume is a volume of Dynamic Provisioning in the zero page reclamation.	Wait until the zero page reclamation on the specified volume is complete, and then retry the operation.	W
06005	068845	The operation cannot be performed because the specified secondary volume is a volume of Dynamic Provisioning in the zero page reclamation.	Wait until the zero page reclamation on the specified volume is complete, and then retry the operation.	W
06005	068846	The operation cannot be performed because the pool associated with the Dynamic Provisioning volume that is specified as the primary volume is being initialized.	Wait until the pool initialization is complete, and then retry the operation.	W
06005	068847	The operation cannot be performed because the pool associated with the Dynamic Provisioning volume that is specified as the secondary volume is being initialized.	Wait until the pool initialization is complete, and then retry the operation.	W
06005	068873	The operation failed, because the specified volume was defined in the LU path.	See the manual to verify the condition for this operation.	E
06005	068879	The operation failed, because the specified volume was a pool volume.	Select another volume, or release the pool volume setting.	E
06005	068880	The operation failed, because the specified volume was used for Volume Migration.	Select another volume, or release the Volume Migration setting.	E
06005	068895	The operation cannot be performed because the other program product is specified for the TrueCopy pair.	Confirm the program product of the specified pair.	W
06005	068928	The operation cannot be performed because the specified remote storage system supports only the remote path of the system.	Select the remote paths of the system, and then retry the operation.	W
06005	075015	The specified LDEV belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified LDEV.	W
06005	075027	The specified port cannot be used because you do not have	Verify the resources allocation for the user with security administrator role.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		permission to access a resource group to which the port belongs.		
06005	075028	The operation cannot be performed because the port belonging to a resource group that you do not have permission to access is used by the remote path of the local storage system.	Verify the resources allocation for the user with security administrator role.	W
06005	075030	The operation cannot be performed because the specified port or the port that is used by the remote path of the local storage system belongs to a resource group that you do not have permission to access.	Verify the resources allocation for the user with security administrator role.	W
06005	078001	The operation cannot be performed because the current DKCMAIN firmware version does not support the capacity of the specified primary volume.	Verify the DKCMAIN firmware version of the local storage system.	W
06005	078002	The operation cannot be performed because the current DKCMAIN firmware version does not support the capacity of the specified secondary volume.	Verify the DKCMAIN firmware version of the remote storage system.	W
06005	078066	The operation cannot be performed because no CHB is mounted or all CHBs are blocked on the remote storage system.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	W
06005	078129	The operation cannot be performed because the specified primary volume is an external volume that is mapped for the online data migration and its cache mode is set to Through.	Perform either of the following operations: • Specify a volume other than the external volume that is mapped for the online data migration. • Change the cache mode of the volume specified as the primary volume.	W
06005	078130	The operation cannot be performed because the specified secondary volume is an external volume that is mapped for the online data migration.	Specify a volume other than the external volume mapped for the online data migration.	W
06005	078137	The operation cannot be performed because the combination of the models of the local storage system and the	Verify the models of the local storage system and the remote storage system.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		remote storage system is not supported.		
06005	078278	The operation cannot be performed due to one of the following reasons: • A pair cannot be created due to the combination of the models of the local storage system and the remote storage system. • The DKCMAIN firmware version of the local storage system or the remote storage system does not support a pair creation by using these models.	See the user guide and verify whether the combination of the models of the local storage system and the remote storage system is supported. If it is supported, take a note of the DKCMAIN firmware versions of both the local storage system and the remote storage system, and then contact the Hitachi Data Systems Support Center.	W
06005	078279	The specified serial number or the controller ID is invalid.	Check the specified serial number and the controller ID.	W
06005	208008	The shared memory required for the specified operation is not installed on the local storage system.	See the manual to verify the condition for this operation.	W
06005	208010	The shared memory required for the specified operation is not installed on the remote storage system.	See the manual to verify the condition for this operation.	W
06005	208018	The operation cannot be performed because the specified primary volume is a reserved volume of global-active device.	Release the reserved volume setting, or specify a different volume.	W
06005	208019	The operation cannot be performed because the specified secondary volume is a reserved volume of global-active device.	Release the reserved volume setting, or specify a different volume.	W
06005	208050	The specified primary volume is used by a global-active device pair.	Specify a different volume.	W
06005	208051	The specified secondary volume is used by a global-active device pair.	Specify a different volume.	W
06005	208052	The operation cannot be performed because different firmware versions coexist on the storage system.	Change the firmware, and then retry the operation.	W
06005	208093	The operation cannot be performed because Data Direct Mapping is enabled on the specified primary volume but the remote storage system does	Update the DKCMAIN firmware on the remote storage system to a version that supports Data Direct Mapping.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		not support Data Direct Mapping.		
06005	208521	The operation cannot be performed because the specified primary volume is a nondisruptive migration volume.	Specify a different volume.	W
06005	208522	The local storage system does not support nondisruptive migration.	Verify the DKCMAIN firmware version of the local storage system. Or, specify an LDEV on which the virtual access mode is disabled.	W
06005	208523	The remote storage system does not support nondisruptive migration.	Verify the DKCMAIN firmware version of the remote storage system. Or, specify an LDEV on which the virtual access mode is disabled.	W
06005	208524	The Create Pairs operation cannot be performed because no virtual LDEV ID is set on the volume specified as the secondary volume.	Set a virtual LDEV ID on the specified volume, or specify a different volume.	W
06005	208525	The Create Pairs operation cannot be performed because no virtual LDEV ID is set on the volume specified as the primary volume.	Set a virtual LDEV ID on the specified volume, or specify a different volume.	W
06005	208527	The operation cannot be performed because the T10 PI setting differs between the primary volume and the secondary volume.	Specify volumes with the same T10 PI setting as the primary volume and the secondary volume.	W

Part code 06007

Table 8-2 Error codes (part code 06007)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06007	006000	An error occurred during Storage Navigator processing.	If this problem persists, please call the Hitachi Data Systems Support Center.	E
06007	006002	An error occurred during Storage Navigator processing.	If this problem persists, please call the Hitachi Data Systems Support Center.	E
06007	006012	An error occurred during Storage Navigator processing.	If this problem persists, please call the Hitachi Data Systems Support Center.	E
06007	006022	The Storage Navigator is busy.	Wait for a while, then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06007	006023	The Storage Navigator is busy.	Wait for a while, then retry the operation.	W
06007	006024	An error occurred during Storage Navigator processing.	If this problem persists, please call the Hitachi Data Systems Support Center.	E
06007	006036	An error occurred during Storage Navigator processing.	If this problem persists, please call the Hitachi Data Systems Support Center.	E
06007	008001	A time-out error occurred.	If the problem persists despite retrying, please call the Hitachi Data Systems Support Center.	E

Part code 06205

Table 8-3 Error codes (part code 06205)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06205	005013	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
06205	006000	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
06205	006012	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
06205	006023	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
06205	006537	The setting cannot be applied because there is an error in a different setting.	Verify and correct the error in the other setting, and then retry the operation.	W
06205	008000	A time-out error occurred.	Verify that all of the settings have been applied. Retry the setting on the items that are not applied if there is any. If this problem persists, contact the Hitachi Data Systems Support Center.	W
06205	008001	A time-out error occurred.	Verify that all of the settings have been applied. Retry the setting on the items that are not applied if there is any. If this problem persists, contact the Hitachi Data Systems Support Center.	W
06205	008100	The operation cannot be performed, or a communication time-out error occurred.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
06205	008104	The storage system has accepted the request normally, but the pair status change requires some time.	Verify that the pair status has been changed. If the status is not changed, verify the local storage system or	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			remote storage system configuration and the condition of the paths between the local storage system and the remote storage system, wait for a while, and then retry the operation.	
06205	008704	The number of specified remote paths is less than the minimum number of paths due to a communication error between the local storage system and the remote storage system.	Verify the remote path status, and then restore the paths.	W
06205	008708	The pair status of the secondary volume is not valid for the specified operation.	Verify the pair status of the secondary volume.	W
06205	008714	An internal error occurred.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
06205	008727	The number of normal remote paths is less than the minimum number of paths.	Add normal remote paths, and then set the minimum number of paths, or reduce the minimum number of paths, and then delete the remote path.	W
06205	008741	The remote paths between the local storage system and the remote storage system are not established.	Verify the remote path status between the local storage system and the remote storage system.	W
06205	008742	Pinned tracks exist in the primary volume.	Restore the pinned tracks in the primary volume.	W
06205	008743	Pinned tracks exist in the secondary volume.	Restore the pinned tracks in the secondary volume.	W
06205	008744	The specified primary volume cannot be used.	Verify if the primary volume is in any of the following conditions: • The volume is in data copy process (correction copy or drive copy). • The volume is in the correction access condition. • The volume is blocked. • The volume is being maintained. • The access attribute of the volume is Read Only.	W
06205	008746	The emulation type of the primary volume is not supported.	See the user guide to verify whether the emulation type of the specified volume is supported.	W
06205	008758	An unexpected error occurred on the local storage system.	Contact the Hitachi Data Systems Support Center.	W
06205	008788	The pair operation cannot be performed because the specified secondary volume applies to one of the following:	Verify the configuration of the remote storage system, and then specify an existing volume for the secondary	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• A LUN path is not defined. • Its emulation type is not supported.	volume. Or verify the emulation type of the specified secondary volume.	
06205	008821	The specified secondary volume cannot be recognized from the connection port.	Verify the configuration of the specified secondary volume.	W
06205	008827	The local storage system cannot accept the pair operation.	Wait for a while, and then retry the operation.	W
06205	008834	The pair cannot be created because the used capacity exceeds the licensed capacity.	See the license key information and verify the licensed capacity of the volumes. To create more pairs, purchase a license key that allows you to use a larger capacity.	W
06205	008835	The pair cannot be created because the used capacity exceeds the licensed capacity of the remote storage system.	Verify the licensed capacity of the remote storage system. To create more pairs, purchase a license key that allows you to use a larger capacity.	W
06205	008904	No more space is left in the difference management area of the local storage system.	Contact the Hitachi Data Systems Support Center.	W
06205	008906	No more space is left in the difference management area of the remote storage system.	Contact the Hitachi Data Systems Support Center.	W
06205	058509	A communication time-out error occurred between the local storage system and the remote storage system.	Wait for a while, and then retry the operation.	W
06205	068827	The operation failed, because there was an error in the specified parameter.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
06205	068829	The specified volume has already been set to the quorum disk. Or, the specified quorum disk ID has already registered.	Specify a different volume or quorum disk ID.	W
06205	068879	The operation cannot be performed because the specified volume is a pool volume.	Select a different volume, or release the pool volume setting.	W
06205	068880	The operation failed, because the specified volume was used for Volume Migration.	Select another volume, or release the Volume Migration setting.	E
06205	068882	The operation cannot be performed because the quorum disk is not accessible.	If this problem persists, contact the Hitachi Data Systems Support Center. If this is a Remove Quorum Disks operation, perform LDEV formatting on the specified quorum disk.	W
06205	068889	The operation failed, because the quorum disk was blocked.	Restore the specified quorum disk.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06205	068891	The operation cannot be performed because the specified quorum disk ID does not match the one set on the remote storage system.	Specify the same quorum disk ID as the one set on the remote storage system.	W
06205	075015	The selected LDEV or an LDEV in the selected consistency group belongs to a resource group that you do not have permission to access.	Ask the administrator for resource assignment.	W
06205	075028	The operation cannot be performed because the port for the remote path on the local storage system belongs to a resource group that you do not have permission to access.	Ask the administrator for resource assignment.	W
06205	078001	The operation cannot be performed because the current DKCMAIN firmware version does not support the capacity of the specified primary volume.	Verify the DKCMAIN firmware version of the local storage system.	W
06205	078002	The operation cannot be performed because the current DKCMAIN firmware version does not support the capacity of the specified secondary volume.	Verify the DKCMAIN firmware version of the remote storage system.	W
06205	078128	The operation cannot be performed because the specified volume is in the online data migration process.	Specify a volume other than the one in the online data migration process.	W
06205	078129	The operation cannot be performed because the specified primary volume is an external volume that is mapped for the online data migration and its cache mode is set to Through.	Perform either of the following operations: • Specify a volume other than the external volume that is mapped for the online data migration. • Change the cache mode of the volume specified as the primary volume.	W
06205	078130	The operation cannot be performed because the specified secondary volume is an external volume that is mapped for the online data migration.	Specify a volume other than the external volume mapped for the online data migration.	W
06205	208001	The specified volume cannot be used as a quorum disk because the capacity of the volume is not enough.	See the user guide to verify the capacity necessary for the quorum disk.	W
06205	208002	The specified volume is not an external volume.	Specify a external volume.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06205	208003	A LUN path is set to the specified volume.	Delete the LUN path of the specified volume, or specify a different volume.	W
06205	208004	Two or more LDEVs are set in the parity group to which the specified volume belongs.	Specify a volume that belongs to the parity group consisting of an LDEV.	W
06205	208005	The specified volume is a journal volume.	Specify a different volume.	W
06205	208006	The specified volume is a command device.	Specify a different volume.	W
06205	208007	A virtual LDEV ID is set on the specified volume.	Delete the virtual LDEV ID of the specified volume, or specify a different volume.	W
06205	208008	The specified volume is not a quorum disk, or the specified quorum disk ID is not registered.	Verify the settings.	W
06205	208009	The specified quorum disk is in internal process.	Wait for a while, and then retry the operation.	W
06205	208010	The operation cannot be performed because the specified quorum disk is used by a global-active device pair.	Delete all of the global-active device pairs using the specified quorum disk, and then retry the operation.	W
06205	208011	Shared memory required for the specified operation is not installed on the local storage system.	See the manual to verify the detailed requirements for this operation.	W
06205	208012	The operation failed, because there was an error in the specified parameter.	Verify the settings, and then retry the operation with the correct parameter. If this problem persists, contact the Hitachi Data Systems Support Center.	E
06205	208013	The specified remote path cannot be used for global-active device.	Specify the remote paths of the system, and then retry the operation.	W
06205	208014	The operation cannot be performed due to one of the following reasons: • The cache on the local storage system is automatically recovering. • One side of the cache or the shared memory is blocked on the local storage system.	Verify the status of the cache and the shared memory on the local storage system. if the cache or the shared memory is blocked, contact the Hitachi Data Systems Support Center. If it is not, wait for a few minutes, and then retry the operation.	W
06205	208015	The operation cannot be performed because the specified primary volume is an external volume that is mapped for the online data migration.	Specify a different volume.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06205	208016	The pair status of the primary volume is not valid for the specified operation.	Verify the pair status. If the pair is in operable status, retry the operation.	W
06205	208017	The operation cannot be performed because the provisioning type of the volume that is selected as the primary volume is not supported.	See the user guide to verify the supported provisioning types.	W
06205	208018	The operation cannot be performed because the specified primary volume is a reserved volume of global-active device.	Release the reserved volume setting, or specify a different volume.	W
06205	208019	The specified primary or secondary volume is used by Thin Image. The operation cannot be performed due to one of the following reasons: • The status of the Thin Image pair is invalid for being shared with a global-active device pair. • The attribute of the Thin Image pair is invalid for being shared with a global-active device pair.	Wait until the status transition of the Thin Image pair is complete, and then retry the operation, or specify a different volume. See the *Global-Active Device User Guide* for the relation between the Thin Image pair and the global-active device pair.	W
06205	208020	No virtual LDEV ID is set in the specified primary volume.	Set a virtual LDEV ID in the specified volume.	W
06205	208021	The specified secondary volume cannot be used.	Verify if the secondary volume is in any of the following conditions: • The volume is in data copy process (correction copy or drive copy). • The volume is in the correction access condition. • The volume is blocked. • The volume is being maintained. • The access attribute of the volume is Read Only.	W
06205	208022	The vendors of the local storage system and the remote storage system do not match.	Connect a remote storage system of the same vendor as the local storage system.	W
06205	208023	The operation cannot be performed because the provisioning type of the volume that is selected as the secondary volume is not supported.	See the user guide to verify the supported provisioning types.	W
06205	208024	The specified primary volume and secondary volume are on the same storage system.	Specify a volume on the storage system other than the specified local storage system for the secondary volume.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06205	208025	The operation cannot be performed because the specified secondary volume is not a reserved volume of global-active device.	Set the reservation attribute on the volume, or specify a different volume.	W
06205	208026	The operation cannot be performed because different versions of DKCMAIN firmware coexist on the storage system.	Update the DKCMAIN firmware, and then retry the operation.	W
06205	208027	A virtual LDEV ID is set on the specified secondary volume.	Release the virtual LDEV ID in the specified volume.	W
06205	208028	The specified operation cannot be performed because the pair operation that the local storage system has accepted is not complete.	Wait until the pair status of the specified volume becomes available, and then retry the operation.	W
06205	208029	The operation cannot be performed because the specified volume is changing to the Suspend status due to failure.	Verify the pair status, wait until the volume changes to the Suspend status, and then restore the volume.	W
06205	208030	Shared memory required for the specified operation is not installed on the remote storage system.	See the manual to verify the detailed requirements for this operation.	W
06205	208031	The emulation type of the secondary volume is not supported.	See the user guide to verify whether the emulation type of the specified volume is supported.	W
06205	208032	The specified primary or secondary volume is used by ShadowImage. The ShadowImage pair volume in the current pair status or pair attribute cannot be shared by a global-active device pair.	See the user guide to verify the pair status or pair attribute that allows the volume to be shared by a global-active device pair.	W
06205	208033	The remote storage system does not support global-active device.	Verify the model and the microcode version of the remote storage system.	W
06205	208034	A volume cannot be used as a secondary volume when: • It is in an intervention-required condition. • It is in a protection condition. • It is in an unusable condition.	Specify a different volume.	W
06205	208035	The operation cannot be performed due to one of the following reasons:	Verify that the secondary volume is in usable condition, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• An I/O error occurred in the secondary volume. • The secondary volume is in unusable condition.		
06205	208036	The pair status of the secondary volume is not valid for the specified operation.	Verify the pair status of the secondary volume.	W
06205	208037	Global-active device is not installed on the remote storage system.	Install the required program product.	W
06205	208038	The capacities of the primary and secondary volumes do not match.	Specify a different volume for the primary volume or the secondary volume.	W
06205	208039	This function is not available. Resource Partition Manager is required.	Install the necessary program product license key.	W
06205	208040	Resource Partition Manager is not installed on the remote storage system.	Install the necessary program product license key.	W
06205	208041	The operation cannot be performed because the pool associated with the Dynamic Provisioning volume that is specified as the primary volume is in either of the following conditions: • It is being initialized. • The capacity is being expanded.	Wait until the pool initialization is complete, and then retry the operation. Or, wait until the capacity expansion is complete, and then verify the capacity of the specified volume.	W
06205	208042	The operation cannot be performed because the pool associated with the Dynamic Provisioning volume that is specified as the secondary volume is in either of the following conditions: • It is being initialized. • The capacity is being expanded.	Wait until the pool initialization is complete, and then retry the operation. Or, wait until the capacity expansion is complete, and then verify the capacity of the specified volume.	W
06205	208043	The I/O mode setting of the specified secondary volume is not valid for the specified operation.	Verify the I/O mode setting of the specified secondary volume.	W
06205	208044	The I/O mode setting of the specified primary volume is not valid for the specified operation.	Verify the I/O mode setting of the specified primary volume.	W
06205	208045	The operation cannot be performed because the specified	Verify the pair status and the I/O mode setting of the specified primary or	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		primary or secondary volume is in either of the following conditions: • The pair status is not PSUS or PSUE. • The I/O mode setting is not Local.	secondary volume. If the I/O mode setting is not Local, delete the pair by specifying Delete Pair by Force.	
06205	208046	The specified primary or secondary volume is used by TrueCopy. The TrueCopy pair volume in the current pair status or pair attribute cannot be shared by a global-active device pair.	See the user guide to verify the pair status or pair attribute that allows the volume to be shared by a global-active device pair.	W
06205	208047	The specified primary or secondary volume is used by Universal Replicator. The Universal Replicator pair volume in the current pair status or pair attribute cannot be shared by a global-active device pair.	See the user guide to verify the pair status or pair attribute that allows the volume to be shared by a global-active device pair.	W
06205	208048	Global-active device is not installed on the remote storage system.	Install the required program product.	W
06205	208049	The virtual LDEV ID same as that set on the specified primary volume is defined on a virtual storage machine on the remote storage system.	Specify a different primary volume, or release the definition of the virtual LDEV ID on the virtual storage machine on the remote storage system.	W
06205	208050	The specified primary volume is used by a global-active device pair.	Specify a different volume.	W
06205	208051	The specified secondary volume is used by a global-active device pair.	Specify a different volume.	W
06205	208052	The attribute (primary or secondary) of the specified volume is not valid for the specified operation.	Verify the specified operation and the attribute of the specified volume.	W
06205	208053	The attribute (primary or secondary) of the other paired volume of the specified volume is not valid for the specified operation.	Verify the specified operation and the attribute of the other paired volume.	W
06205	208054	The pair status of the primary or secondary volume is not valid for the specified operation.	Verify the pair status of the primary or secondary volume.	W
06205	208055	The primary volume detects one of the following conditions:	If this message is displayed when creating pairs, verify that the specified	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• A quorum disk is not registered. • The quorum disk ID is not valid. • The registered information of the remote storage system does not match the actual condition. • The quorum disk is not accessible. • The pair is changing to the Suspend status.	remote storage system is the same as the one that has been specified to add the quorum disk. If the quorum disk or the connection path between the quorum disk and the storage system is blocked, restore the disk or the path first, and then retry the operation. If the pair status is changing to Suspend, wait until the status of all pairs using the quorum disk change to Suspend, and then retry the operation. If the problem is none of the above, just retry the operation.	
06205	208056	The secondary volume detects one of the following conditions: • A quorum disk is not registered. • The quorum disk ID is not valid. • The registered information of the remote storage system does not match the actual condition. • The quorum disk is not accessible. • The pair is changing to the Suspend status.	If this message is displayed when creating pairs, verify that the specified remote storage system is the same as the one that has been specified to add the quorum disk. If the quorum disk or the connection path between the quorum disk and the storage system is blocked, restore the disk or the path first, and then retry the operation. If the pair status is changing to Suspend, wait until the status of all pairs using the quorum disk change to Suspend, and then retry the operation. If the problem is none of the above, just retry the operation.	W
06205	208057	The operation cannot be performed because the serial numbers or models of the virtual storage machines of the specified primary and secondary volumes do not match.	Verify the serial numbers or the models.	W
06205	208058	The setting information of Data Retention Utility on the primary volume cannot be transmitted because Data Retention Utility is not installed on the remote storage system.	Install Data Retention Utility on the remote storage system.	W
06205	208059	The operation cannot be performed because the specified secondary volumes is used as a global-active device pair volume.	Specify a different volume.	W
06205	208060	The operation cannot be performed because the specified primary volume is a command device.	Specify a different volume.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06205	208061	The operation cannot be performed because the specified secondary volume is a command device.	Specify a different volume.	W
06205	208062	The operation cannot be performed because the access attribute of Data Retention Utility has been changed.	Specify a different volume.	W
06205	208064	The operation cannot be performed because the selected volume access for the volume in the COPY status is not valid.	To delete volumes in the COPY status, select the volume access as follows: • Enable for the primary volume. • Disable for the secondary volume.	W
06205	208065	The operation cannot be performed because the pair volume on the remote storage system is used by ShadowImage.	Delete the ShadowImage pair, and then retry the operation.	W
06205	208066	The operation cannot be performed because the pair volume on the remote storage system is used by Thin Image.	Delete the Thin Image pair, and then retry the operation.	W
06205	208067	The operation cannot be performed because the current firmware version does not support consistency groups.	Verify the firmware version of the local storage system.	W
06205	208068	The operation cannot be performed because the firmware version of the remote storage system does not support consistency groups.	Verify the firmware version of the remote storage system.	W
06205	208069	The operation cannot be performed because a different pair operation is being performed on volumes that belong to the specified consistency group.	Wait until the pair operation being performed on the consistency group is complete, and then retry the operation.	W
06205	208070	The operation cannot be performed because a different pair operation is being performed on the consistency group that contains the specified volume.	Wait until the pair operation being performed on the consistency group is complete, and then retry the operation.	W
06205	208071	The operation cannot be performed because a different pair operation is being performed on the specified consistency group.	Wait until the pair operation being performed on the consistency group is complete, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06205	208072	The operation cannot be performed because the specified volume or its paired volume is used by Universal Replicator.	Delete the Universal Replicator pair, and then retry the operation.	W
06205	208073	The operation cannot be performed because a different pair operation is being performed on the consistency group to which the specified pair belongs.	Wait until the pair operation being performed on the consistency group is complete, and then retry the operation.	W
06205	208074	The operation cannot be performed because pairs in the specified consistency group are changing to the Suspend status due to failure.	Wait until all of the pairs in the consistency group change to the Suspend status due to failure, and then retry the operation.	W
06205	208075	The operation cannot be performed because the entered consistency group number is not valid.	Enter the correct consistency group number, and then retry the operation.	W
06205	208076	The operation cannot be performed because the number of pairs in the specified mirror exceeds the maximum.	Verify the number of pairs in the specified mirror.	W
06205	208077	The operation cannot be performed because the combination of the specified consistency group number and quorum disk ID is different from the existing combination.	Specify the existing combination of the consistency group number and quorum disk ID, and then retry the operation.	W
06205	208078	The operation cannot be performed because the combination of the specified consistency group number and mirror ID is different from the existing combination.	Specify the existing combination of the consistency group number and mirror ID, and then retry the operation.	W
06205	208079	The operation with a consistency group specified cannot be performed because the pair configurations in the consistency group have changed.	Retry the operation on the GAD Pairs tab in the Remote Replication window.	W
06205	208080	The operation with a volume specified cannot be performed because the pair configurations in the consistency group have changed.	Retry the operation on the GAD Consistency Groups tab in the Remote Replication window.	W
06205	208081	The operation cannot be performed because an invalid relation is detected between the consistency group number and the volume number.	Click the refresh button to have the latest information displayed on the window, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06205	208082	The operation cannot be performed because the I/O mode differs between the specified global-active device pair and the global-active device pairs in the consistency group.	Set the same I/O mode for all of the pairs in the consistency group.	W
06205	208083	The operation cannot be performed because the following requirements are not met. • The primary volume of a global-active device pair is the primary volume of a Universal Replicator pair. • The secondary volume of a global-active device pair is the primary volume of a delta resync pair of Universal Replicator.	Verify the pair configurations of global-active device, Universal Replicator, and Universal Replicator delta resync.	W
06205	208084	The operation cannot be performed because the firmware version of the remote storage system does not support the provisioning type of the volume selected as the secondary volume.	Verify the firmware version of the remote storage system.	W
06205	208085	The operation cannot be performed because the Provisioning type or the attribute differs between the primary volume and the secondary volume.	Select volumes with the same Provisioning type and attribute as the primary volume and the secondary volume.	W
06205	208086	The operation cannot be performed due to one of the following reasons: • A temporary failure on the storage system. • The storage system is in internal processing.\\m- The storage system is being maintained.	Wait for a while, and then retry the operation. If the problem persists, contact the Hitachi Data Systems Support Center.	W
06205	208087	The operation cannot be performed because the specified external volume is not formatted.	Perform LDEV formatting, and then retry the operation.	W
06205	208088	The operation cannot be performed because the specified external volume is not accessible.	Verify the following conditions. • The selected external volume is in normal status. • The volume of the external storage system is in normal status.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			• The external path is in normal status. Restore all abnormal states back to normal, and then retry the operation.	
06205	208089	The operation cannot be performed because any of the specified parameters is not valid.	Verify the specified LDEV number and mirror ID of the primary volume, and then retry the operation with the correct parameter.	W
06205	208090	The operation cannot be performed because the specified primary or secondary volume is used by Volume Migration.	Specify a different volume.	W
06205	208091	The operation cannot be performed because the number of LUN paths set for the other paired volume exceeds the maximum that is available for ALUA.	Reduce the number of LUN paths set for the other paired volume, or disable the ALUA mode of the selected volume.	W
06205	208092	The operation cannot be performed because the specified volume is an external volume with Data Direct Mapping enabled.	Specify a different volume.	W
06205	208093	The operation cannot be performed because Data Direct Mapping is enabled on the specified primary volume but the remote storage system does not support Data Direct Mapping.	The Data Direct Mapping setting must be the same on the primary volume and the secondary volume. Update the DKCMAIN firmware on the remote storage system to a version that supports Data Direct Mapping.	W
06205	208095	The operation cannot be performed because T10 PI is set for the selected volume.	Specify a different volume.	W
06205	208097	The operation cannot be performed because the storage system is in the process of setting ALUA.	Wait for a while, and then retry the operation.	W
06205	208098	Swap suspending with pairs specified cannot be performed because the selected pairs belong to a consistency group.	Perform the suspending operation on the consistency group on the GAD Consistency Groups tab in the Remote Replication window.	W
06205	208099	One or more of the LDEVs set as the specified quorum disks belong to a resource group that you do not have permission to access.	Ask the administrator to provide permission.	W
06205	208100	The value that is set for Read Response Guaranteed Time	Verify the setting.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		When Quorum Disk Blocked is outside the available range.		
06205	208101	The operation cannot be performed because the specified quorum disks do not exist.	Create quorum disks, and then retry the operation.	W
06205	208102	The current DKCMAIN firmware version does not support this operation.	Update the DKCMAIN firmware on the local storage system to a version that supports the quorum disk edit function.	W
06205	208527	The operation cannot be performed because the T10 PI setting differs between the primary volume and the secondary volume.	Specify volumes with the same T10 PI setting as the primary volume and the secondary volume.	W

Part code 06505

Table 8-4 Error codes (part code 06505)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06505	003003	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
06505	005013	An error occurred during Storage Navigator processing.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
06505	005040	Too many objects are specified.	Specify fewer objects, and then retry the operation.	W
06505	005511	The program product is not installed.	Install the program product.	W
06505	006000	An error occurred during Storage Navigator processing.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
06505	006001	An error occurred during Storage Navigator processing.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
06505	006012	An error occurred during Storage Navigator processing.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
06505	006022	A file open error has occurred.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
06505	006023	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06505	006502	Processing in progress.	Wait for a while, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
06505	006537	There is no error in this setting. However, there is an error in another setting and the setting processing has not been executed.	Correct the error in the other setting, and then retry the operation.	i
06505	007060	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
06505	007111	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
06505	007310	This error code is not registered.	Please contact the Support Center when it is a same deal even if it operates it again.	E
06505	008000	An error occurred during Storage Navigator processing.	Wait for a while, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
06505	008001	A communication time-out error occurred in the local storage system.	Wait for a while, and then retry the operation.	W
06505	008002	A communication time-out error occurred in the local storage system.	Wait for a while, and then retry the operation.	W
06505	008100	An error occurred during Storage Navigator processing.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
06505	008102	This function is not supported.	Verify the DKCMAIN firmware version and the Storage Navigator software version.	E
06505	008700	Please retry operation.	Wait for a while, and then retry the operation.	W
06505	008701	The pair operation cannot be performed due to one of the following reasons: • The remote path between the local storage system and the remote storage system is not valid. • The status of the specified secondary volume is SMPL.	Verify the status of the remote path on the local storage system and the status of the remote path and the pair on the remote storage system, and then perform the following operations: • If the remote path is not valid, reestablish the remote path by an Add Path operation. • If the status of the secondary volume is SMPL, delete the pair from the primary site containing the primary volume, and then retry Create Pairs.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06505	008702	The status of the primary volume is invalid.	Refresh the window, and then verify the status of the primary volume. Retry the operation if the primary volume is available.	W
06505	008703	The specified number of remote paths is less than the minimum number of paths.	Verify the number of remote paths, and then retry the operation.	W
06505	008704	The specified number of remote paths was less than the minimum number of paths due to a communication error between the local storage system and the remote storage system.	Verify the status of the remote paths, and then recover the paths.	W
06505	008706	Parameter specified by Remote Copy operation is invalid.	Enter the correct data.	W
06505	008708	The pair status of the secondary volume is invalid.	Refresh the window, and then verify the pair status. Retry the operation if the secondary volume is available.	W
06505	008710	The pair status of the specified data volume is incorrect.	Refresh the window, and then verify the pair status. If the pair is in operable status, retry the operation.	W
06505	008711	The specified parameter is incorrect.	Verify if the specified port name, host group ID, iSCSI target ID, LUN ID, CU, or LDEV exists in the local storage system.	W
06505	008712	The operation was rejected due to a 'FREEZE' state.	If it is a remote path operation, recover from the freeze status, and then retry the operation. If it is a remote replication pair operation, recover the remote path status, and then retry the operation.	W
06505	008713	The port group already exists on the specified port.	Exchange the port type after deleting the group setting.	W
06505	008714	An internal error occurred.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
06505	008715	The number of remote paths is invalid.	Verify the number of remote paths, and then retry the operation.	W
06505	008720	The number of registered remote storage systems already reached the maximum (64).	Reduce the number of registered remote storage systems, and then retry the operation.	W
06505	008721	The remote path creation is not complete yet.	Verify the remote path connections between the local and the remote storage systems, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06505	008722	The remote path could not be created.	Verify the remote path connections between the local and the remote storage systems, and then retry the operation.	W
06505	008723	The operation could not be performed because the specified remote path is the last path of the remote replication pairs.	Add a different remote path, or delete all remote replication pairs on the remote storage system, and then retry the operation.	W
06505	008724	The specified number of remote paths is less than the minimum number of paths.	Increase the number of remote paths, or reduce the minimum number of paths.	W
06505	008727	The Minimum Number of Paths exceeds the number of normal Remote Paths.	Add normal remote paths, and then set the minimum number of paths, or reduce the minimum number of paths, and then delete the remote paths.	W
06505	008728	The number of normal remote paths is less than the minimum number of paths.	Add normal remote paths, and then set the minimum number of paths, or reduce the minimum number of paths, and then delete the remote paths.	W
06505	008729	An internal error occurred.	Verify the SSB log, and then contact the Hitachi Data Systems Support Center.	E
06505	008731	The existing logical addresses are not the same.	Delete the remote storage systems, then add the remote storage systems using the same logical address.	W
06505	008736	The specified remote storage system contains journals or pairs for remote replication.	Delete pairs for the specified remote storage system. After that, delete journals if any. Verify that there are no pairs or journals, and then retry the operation.	W
06505	008737	An internal error occurred.	Verify the SSB log, and then contact the Hitachi Data Systems Support Center.	E
06505	008742	Pinned tracks exist in the primary volume.	Restore the pinned tracks in the primary volume.	W
06505	008743	Pinned tracks exist in the secondary volume.	Restore the pinned tracks in the secondary volume.	W
06505	008744	The specified primary volume cannot be used.	Verify that the primary volume is in any of the following conditions: • The volume is in data copy process (correction copy or drive copy). • The volume is in correction access condition. • The volume is blocked. • The volume is being maintained. • The access attribute of the volume is Read Only.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06505	008746	The emulation type of the primary volume is not supported.	See the user guides to verify if the emulation type of the specified volume is supported.	W
06505	008753	An internal error occurred.	Verify the SSB log, and then contact the Hitachi Data Systems Support Center.	E
06505	008757	One side of the cache or the shared memory is blocked in the local storage system.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
06505	008758	An unexpected error occurred in the local storage system.	Contact the Hitachi Data Systems Support Center.	E
06505	008764	The operation could not be performed due to one of the following reasons: • The secondary volume is blocked. • The restore journal is not registered. • The journal volumes of the restore journal are blocked.	Verify that the secondary volume is not blocked, the restore journal is registered, or the journal volumes of the restore journal are not blocked, respectively.	W
06505	008770	The cache in the local storage system is automatically recovering.	Wait for a few minutes, and then retry the operation.	W
06505	008778	One side of the cache or the shared memory is blocked in the remote storage system.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
06505	008788	The specified volume is not defined in the remote storage system.	Verify if the specified port name, host group ID, iSCSI target ID, LUN ID, CU, or LDEV exists in the remote storage system.	W
06505	008795	The operation cannot be performed because the volume specified as the primary volume is used by ShadowImage and applies to either of the following: • A secondary volume, which is not in the PSUS status. • A volume in the Reverse Copy status.	Verify the status of the primary volume from the host or SVP.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06505	008819	A volume cannot be used as a secondary volume when: • It is in an intervention-requested condition. • It is in a protection condition. • It is in an unusable condition. • It is a ShadowImage secondary volume. • It is in use by Volume Migration. • It is a ShadowImage primary volume in the Swap or Reverse Copy status. • It belongs to "NAS_Platform_System_RSG" with resource group ID 1023.	Verify the status of the volume specified as a secondary volume.	W
06505	008822	An I/O error occurred in the secondary volume.	Verify the SSB log, and then contact the Hitachi Data Systems Support Center.	E
06505	008832	The Create Pairs operation cannot be performed because data volume migration by Volume Migration is in progress on the specified primary volume.	Wait for a while, and then retry the operation.	W
06505	008833	The Create Pairs operation cannot be performed because data volume migration by Volume Migration is in progress on the specified secondary volume.	Wait for a while, and then retry the operation.	W
06505	008834	The operation failed because you tried to create volume pairs which exceeded the licensed capacity.	See the license key and confirm the licensed capacity of the volumes. To create more pairs, purchase a license key that allows you to use a larger capacity.	W
06505	008835	The operation failed because you tried to create volume pairs which exceeded the licensed capacity of the Remote Storage System.	See the license key information of the remote storage system and verify the licensed volume capacity. To create more pairs, purchase a license key that allows you to use a larger capacity.	W
06505	008887	An internal error occurred.	Verify the SSB log, and then contact the Hitachi Data Systems Support Center.	E
06505	008888	An internal error occurred.	Verify the SSB log, and then contact the Hitachi Data Systems Support Center.	E
06505	008889	The specified port is not equipped.	Refresh the window, and then retry the operation. If this problem persists,	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			contact the Hitachi Data Systems Support Center.	
06505	008890	The specified port is being initialized.	Wait until the initialization of the specified port is complete, and then retry the operation.	W
06505	008891	LUN paths are defined on the specified port.	Delete the LUN paths on the specified port, and then retry the operation.	W
06505	008893	An internal error occurred.	Verify the SSB log, and then contact the Hitachi Data Systems Support Center.	E
06505	008894	Jobs exist on the specified port.	Stop the jobs from the host, and then retry the operation.	W
06505	008895	Jobs exist on the port of the remote storage system.	Stop the jobs from the host, and then retry the operation.	W
06505	008896	A parameter error occurred.	Refresh the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
06505	008897	LUs exist on the port.	Delete the LUN paths defined on the port, and then retry the operation.	W
06505	008898	Pending data exists on the port.	Retry the operation.	W
06505	008899	An internal error occurred.	Verify the SSB log, and then contact the Hitachi Data Systems Support Center.	E
06505	008900	An error occurred during the port change.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
06505	008901	An error occurred during the port change.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
06505	008902	An error occurred during the port change.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
06505	008903	Unknown Error Code.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
06505	008915	Storage Navigator attempted to change the port type. However, this attempt could not be made because the same operation was in progress from a host.	Verify the status of the port, and then retry the operation.	W
06505	008924	LUN paths are defined to the port on the remote storage system.	Delete the LUN paths on the specified port, and then retry the operation.	W
06505	008929	Invalid port type.	Verify the port type of the specified port, and then retry the operation.	W
06505	008930	LUN paths are defined to the port on the remote storage system.	Delete the LUN paths on the specified port, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06505	008931	LUN paths are defined to the port on the remote storage system.	Delete the LUN paths on the specified port, and then retry the operation.	W
06505	008934	The Create Pairs operation cannot be performed because the volume specified as the secondary volume is a NAS system volume.	Verify the configuration of the volume specified as the secondary volume.	W
06505	008936	The Create Pairs operation cannot be performed. The firmware version of the specified remote storage system does not support the remote replication function using NAS volumes.	Verify the firmware version of the remote storage system.	W
06505	008944	The specified secondary volume cannot be used because of the access attribute changed by Data Retention Utility.	Verify the access attribute of the specified secondary volume.	W
06505	008947	The external volume that is mapped to an internal volume is connected to the port.	Release the setting of the external volume, then retry the operation.	W
06505	008948	The specified port is receiving I/O requests.	Stop the I/O operations, and then retry the operation.	W
06505	008949	An internal error occurred.	Verify the SSB log, and then contact the Hitachi Data Systems Support Center.	E
06505	008950	An internal error occurred.	Verify the SSB log, and then contact the Hitachi Data Systems Support Center.	E
06505	056524	This function cannot be used by the storage partition administrator.	Select another window. If you want to set this function, please contact the storage administrator.	E
06505	056535	The Assign Remote Command Devices operation cannot be performed due to a temporary path failure.	Wait for a while, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
06505	058005	Too many requests.	Reduce the number of requests to be processed at one time, and then retry the operation.	W
06505	058006	Invalid parameter (LDEV ID).	Verify the specified LDEV ID.	W
06505	058007	The parameter (Journal ID) is not valid or the specified journal is not registered.	Verify whether; • the specified journal ID is correct, and • the specified journal is registered.	W
06505	058008	The command was rejected by the storage system because the command is unknown.	If this problem persists, contact the Hitachi Data Systems Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06505	058009	No more remote storage systems can be registered.	Reduce the number of registered remote storage systems, and then retry the operation.	W
06505	058010	Invalid parameter (path group ID).	Check the specified path group ID.	W
06505	058011	The specified operation failed due to the mirror status of the journal.	Refresh the window, and check the mirror status of the journal.	W
06505	058012	Invalid parameter (number of initial copy activities).	Check the specified number of initial copy activities.	W
06505	058013	The specified volume does not exist or is unusable.	Check the status of the specified volume.	W
06505	058014	Pinned slot(s) exists.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
06505	058015	The specified volume is blocked.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
06505	058016	The cache or the shared memory is in an abnormal state.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
06505	058019	The specified volume is already used by another program product.	Use the program product to check the status of the specified volume.	W
06505	058023	The specified CLPR ID is invalid.	Verify the specified CLPR ID.	W
06505	058024	The specified cache value for master journal is invalid.	Check the specified cache value for master journal.	W
06505	058025	The specified cache value for restore journal groups is invalid.	Check the specified cache value for restore journal.	W
06505	058026	The specified threshold for ending creation of asynchronous journal is invalid.	Check the threshold for ending creation of asynchronous journal.	W
06505	058027	The specified threshold for ending creation synchronous journal is invalid.	Check the threshold for ending creation of synchronous journal.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06505	058028	The specified threshold for starting creation of asynchronous journal is invalid.	Check the threshold for ending creation of synchronous journal.	W
06505	058029	The specified threshold for starting creation synchronous journal is invalid.	Check the threshold for starting creation of synchronous journal.	W
06505	058030	The threshold for starting creation of synchronous journal must be larger than the threshold for starting creation of asynchronous journal.	Ensure that the threshold for starting creation of synchronous journal is larger than the threshold for starting creation of asynchronous journal.	W
06505	058031	The threshold for starting creation of asynchronous journal must be larger than the threshold for ending creation of asynchronous journal.	Ensure that the threshold for starting creation of asynchronous journal is larger than the threshold for ending creation of asynchronous journal.	W
06505	058032	The threshold for starting creation of synchronous journal must be larger than the threshold for ending creation of synchronous journal.	Ensure that the threshold for starting creation of synchronous journal is larger than the threshold for ending creation of synchronous journal.	W
06505	058033	The total cache capacity is incorrect.	Verify the cache capacity of the local and remote storage systems.	W
06505	058034	The operation is impossible because the storage system is being powered on.	Wait until the storage system is ready.	W
06505	058035	No more journal volumes can be registered, or too many volumes are selected.	Verify the number of journal volumes in the specified journal and the number of the selected volumes.	W
06505	058037	The specified journal cannot be deleted because a data volume exists.	Verify the status of the specified journal.	W
06505	058038	No more path group IDs can be registered.	Check the number of registered path group IDs.	W
06505	058039	The specified volume is already used as a journal volume or a data volume.	Specify a different volume.	W
06505	058064	Too many requests.	Reduce the number of requests to be processed at one time, and then retry the operation.	W
06505	058065	Invalid parameter (LDEV ID).	Verify the specified LDEV ID.	W
06505	058066	The parameter (Journal ID) is not valid or the specified journal is not registered.	Verify whether; • the specified journal ID is correct, and • the specified journal is registered.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06505	058067	Invalid parameter (Mirror ID).	Check the specified mirror ID.	W
06505	058068	Invalid parameter (Journal Control).	Check the specified JNL Control parameter.	W
06505	058069	Invalid parameter (Suspend Condition - Journal Full).	Verify the specified suspend condition parameter.	W
06505	058070	Invalid parameter (Suspend Condition - Master Journal Failure).	Verify the specified suspend condition parameter.	W
06505	058071	Invalid parameter (Suspend Condition - Restore Journal Failure).	Verify the specified suspend condition parameter.	W
06505	058072	The pair status has not changed yet.	The current configuration of the storage systems and the current status of lines connecting the storage systems may not satisfy the operating conditions. Check the configuration of the storage systems and the status of lines connecting the storage systems, then check whether the status of the Remote Copy pair is changed.	W
06505	058073	The storage system is busy.	Wait for a while, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
06505	058075	The specified serial number is incorrect.	Check the specified serial number.	W
06505	058078	The specified volume does not exist or is unusable.	Check the status of the specified volume.	W
06505	058082	The specified consistency group is already used.	Verify the consistency group status on the Universal Replicator window of the local and remote storage systems.	W
06505	058083	The specified master journal is not registered.	Check the status of the specified master journal.	W
06505	058084	The pair cannot be registered because the volume specified as the primary volume is already used as a journal volume.	Verify the status of the volume specified as the primary volume.	W
06505	058085	The specified primary volume is not registered in the specified journal.	Verify the data volumes in the specified master journal.	W
06505	058086	The specified master journal is not registered.	Check the status of the specified master journal	W
06505	058087	The emulation type of the volume specified as the primary volume is invalid due to one of the following reasons:	Verify the emulation type of the volume specified as the primary volume.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• The emulation type is not supported. • The combination of emulation types within the journal is invalid. • The combination of emulation types between journals is invalid.		
06505	058088	The specified mirror ID differs from the registered mirror ID.	Check the specified mirror ID.	W
06505	058089	A pair cannot be created because the selected mirror ID of the master journal is already used by a mirror of a different restore journal.	Verify the journals and mirror ID, and then retry the operation.	W
06505	058090	The SLPR number of the specified data volume does not match the SLPR number of the journal volume in the specified journal.	Check the SLPR number of the specified data volume and the journal volume in the journal.	E
06505	058091	The specified primary volume is already registered.	Verify the status of the specified primary volume.	W
06505	058092	No more pairs can be registered in the specified master journal.	Check the number of pairs in the specified master journal.	W
06505	058093	The specified primary data volume is already registered in another journal group.	Verify the journal in which the volume specified as the primary volume is registered.	W
06505	058094	The specified primary volume cannot be deleted because the volume is already registered in a different journal.	Verify the journal in which the specified primary volume is registered.	W
06505	058097	Universal Replicator is not installed on the local storage system.	Install Universal Replicator on the local storage system, and then retry the operation.	W
06505	058098	The cache or the shared memory is in an abnormal state.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
06505	058099	The cache or the shared memory is in an abnormal state.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06505	058100	The serial number or the model of the remote storage system is invalid.	Verify the serial numbers and the models of the specified remote storage system and the already registered remote storage system, and then enter the correct values. If the specified values are correct, verify the cable connection of the remote storage system. If this problem persists, contact the Hitachi Data Systems Support Center.	W
06505	058101	The pair status is incorrect.	Refresh the window, and then verify the pair status.	W
06505	058102	An internal error occurred.	The pair status might be different between the local and remote storage systems. Wait for a while, and then retry the operation. If the pair status does not match between the local and remote storage systems, contact the Hitachi Data Systems Support Center.	E
06505	058105	Paths or pairs cannot be created because Universal Replicator is not installed on the remote storage system.	Install Universal Replicator on the remote storage system.	W
06505	058106	The operation cannot be performed because the specified volumes are in either of the following conditions: • The capacities of the primary and secondary volumes do not match. • The current firmware version does not support the specified capacity of the secondary volume.	Verify the following for the specified primary and secondary volumes: • The capacities of primary volume and secondary volume are the same. • The current firmware version supports the specified capacity of the secondary volume.	W
06505	058264	Journal volumes cannot be registered because the program product license of Universal Replicator is not installed.	Install the program product license of Universal Replicator.	W
06505	058269	The specified restore journal is not registered.	Check the status of the specified restore journal.	W
06505	058270	The pair cannot be created due to one of the following reasons: • The specified restore journal is already paired with a different journal. • The combination of the restore journal and the mirror ID specified when creating Delta resync volume pairs is already used	Check the mirror status and the mirror ID of the specified restore journal.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		by the ordinary (not Delta resync) volume pairs.		
06505	058271	The volume specified as the secondary volume cannot be used due to one of the following reasons: • S-VOL Disable is set by Data Retention Utility. • The VMA setting differs between the primary volume and the secondary volume.	Perform either of the following operations on the Data Retention Utility window: • If S-VOL Disable is set to the volume, specify a different volume, and then retry the operation. • If the VMA setting differs between the primary volume and the secondary volume, apply the same VMA setting to them.	W
06505	058275	The specified restore journal is not registered.	Check the specified restore journal.	W
06505	058276	The pair cannot be registered because the volume specified as the secondary volume is already used as a journal volume.	Verify the status of the volume specified as the secondary volume.	W
06505	058277	The specified secondary volume is not registered in the specified journal.	Verify the data volumes in the specified restore journal.	W
06505	058278	The specified restore journal is not registered.	Check the specified restore journal.	W
06505	058279	The emulation type of the volume specified as the secondary volume or of the restore journal volume is invalid due to one of the following reasons: • The emulation type is not supported. • The combination of the emulation types within the journal is invalid. • The combination of the emulation types between the master and restore journal volumes is invalid. • The emulation types of the primary and secondary volumes do not match.	Verify the emulation type of the volume specified as the secondary volume or of the restore journal volume.	W
06505	058280	The specified secondary volume is already registered.	Verify the status of the specified secondary volume.	W
06505	058281	No more pairs can be registered in the specified restore journal.	Check the number of pairs in the specified restore journal.	W
06505	058282	The specified secondary volume is already registered in a different journal.	Verify the journal in which the specified secondary volume is registered.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06505	058283	The specified secondary volume cannot be deleted because the volume is already registered in a different journal.	Verify the journal in which the specified secondary volume is registered.	W
06505	058284	An internal error occurred.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
06505	058285	No more pairs can be registered because the number of pairs will exceed the maximum.	Check the number of pairs.	W
06505	058286	The command cannot be executed because the command that should be issued to the secondary volume is issued to the primary volume.	Check the command parameters.	W
06505	058287	The command cannot be executed because the command that should be issued to the primary volume is issued to the secondary volume.	Check the command parameters.	W
06505	058288	The specified primary volume is already paired with a different volume.	If the status of the primary volume is Simplex (SMPL), delete the pair by selecting [Force] for the Delete Mode, and then retry the operation.	W
06505	058289	The specified secondary volume is already paired with a different volume.	If the status of the secondary volume is Simplex (SMPL), delete the pair by selecting [Force] for the Delete Mode, and then retry the operation.	W
06505	058290	The specified primary volume is not paired with any volumes.	Verify the status of the specified primary volume.	W
06505	058291	The specified secondary volume is not paired with any volumes.	Verify the status of the specified secondary volume.	W
06505	058292	The specified volume cannot be used as a journal volume.	Verify that the specified volume is in any of the following conditions: • The volume is in data copy process (correction copy or drive copy). • The volume is in correction access condition. • The volume is blocked. • The volume is being maintained. • The access attribute of the volume is Read Only.	W
06505	058293	The specified operation cannot be performed on the data volume pair.	Check the status of the specified pair.	W
06505	058294	The specified operation cannot be performed because the status	Check the status of the specified pair.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		of the data volume pair is changing.		
06505	058295	An internal error occurred.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
06505	058302	The specified volume is used as a command device.	Check the configuration of the specified volume.	W
06505	058305	A path is defined to the specified volume.	Check the configuration of the specified volume.	W
06505	058306	The volume specified as the secondary volume is used as a command device.	Verify the configuration of the volume specified as the secondary volume.	W
06505	058307	The volume specified as the secondary volume is an On-Demand (Just in Time)volume.	Verify the configuration of the volume specified as the secondary volume.	W
06505	058308	The volume specified as the primary volume is used as a command device.	Verify the configuration of the volume specified as the primary volume.	W
06505	058325	The volume specified as the primary volume is used by TrueCopy. The operation cannot be performed because the status of the TrueCopy pair is not valid.	Verify the status of the volume specified as the primary volume from the TrueCopy window. If the primary volume is in PSUS, PSUE, or Suspend status, restore the volume, and then retry the operation. If the primary volume is in COPY or Pending status, wait until the status of the volume changes to PAIR or Duplex, and then retry the operation.	W
06505	058328	The operation of Create Pairs or Resync Pairs cannot be performed because data remains in the journal cache for the restore journal.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
06505	058333	The parameter related to the inflow cannot be changed because the specified journal is other than the master journal.	Check the attribute of the specified journal.	W
06505	058334	The parameter related to the inflow cannot be changed, because the status of the specified journal is neither "Initial" nor "Stopped".	Verify the status of the specified journal.	W
06505	058335	The timer type cannot be changed, because the status of the specified journal is not "Initial".	Verify the status of the specified journal.	W
06505	058336	The specified volume cannot be registered as a journal volume because the CLPR number of the	Check the CLPR number of the registered journal volume, and specify	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		specified volume is different from the CLPR number of the journal volume that has already been registered.	the volume that has the same CLPR number.	
06505	058337	The operation cannot be performed because the CLPR number of the volume specified as the primary volume is different from the CLPR number of the journal volume in the specified master journal.	Check the CLPR number of the journal volume in the specified master journal, and then select a volume that has the same CLPR number.	W
06505	058338	The operation cannot be performed because the CLPR number of the volume specified as the secondary volume is different from the CLPR number of the journal volume in the specified restore journal.	Check the CLPR number of the journal volume in the specified master journal, and then select a volume that has the same CLPR number.	W
06505	058341	The specified volume cannot be used as a journal volume because the specified volume is an external volume.	Check the specified volume and specify a non-external volume.	W
06505	058345	The Create Pairs operation cannot be performed due to one of the following reasons: • The IO suppression mode of the specified secondary volume is enabled. • The firmware version of the secondary storage system does not support external volumes.	Verify whether the IO suppression mode of the specified secondary volume is enabled from the Universal Volume Manager window. If the IO suppression mode is disabled, take a note of the DKCMAIN firmware version of the remote storage system, and then contact the Hitachi Data Systems Support Center.	W
06505	058346	The Create Pairs operation cannot be performed because VMA of Data Retention Utility is set on the volume specified as the secondary volume.	Verify the settings of the volume specified as the secondary volume from the Data Retention Utility window.	W
06505	058353	The operation cannot be performed because the volume specified as the secondary volume applies to any of the following: • A secondary volume of ShadowImage. • A primary volume of ShadowImage in the Swap or Reverse Copy status. • A primary volume of ShadowImage used in conjunction with TrueCopy.	Extract a possible combination of program products from the program products combinations described in the message, and then verify the status of the volume specified as the secondary volume from the program product window. To use the Dynamic Provisioning volume as the secondary volume, release the attribute of a program product combined with the Dynamic Provisioning volume, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• A Dynamic Provisioning volume used as a primary volume of ShadowImage. • A Dynamic Provisioning volume and a source volume of Volume Migration. • A Dynamic Provisioning volume used as a primary volume of Thin Image.		
06505	058354	The specified volume cannot be used as a primary volume because it is being used by any of the following program products: • ShadowImage • TrueCopy • Volume Migration	lease the setting of the different program product that uses the specified volume and then retry the operation, or select a different volume.	W
06505	058355	The pair operation cannot be performed because the volume specified as the secondary volume is being used by one of the following program products: • ShadowImage • Thin Image • TrueCopy • Volume Migration	Select a different volume, or delete the pair whose volume is used by a different program product, and then retry the operation.	W
06505	058451	The storage system is in internal process.	Wait for a while, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
06505	058457	The specified primary volume is used by TrueCopy.	Select a mirror ID other than zero (0), and then retry the operation.	W
06505	058458	A different mirror ID has already been registered in the specified master journal. Specify the same mirror ID, because only one mirror ID can be registered in one journal.	Specify the same mirror ID as the registered mirror ID, then retry the operation.	W
06505	058485	The Create Pairs operation cannot be performed because the volume specified as the primary volume applies to either of the following: • A primary volume of Thin Image in Reverse Copy status.	Verify the status of the volume specified as the primary volume from the Local Replication window.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• A secondary volume of Thin Image.		
06505	058486	The Create Pairs operation cannot be performed because the volume specified as the primary volume is a virtual volume of Thin Image.	Select a different volume, and then retry the operation.	W
06505	058487	The Create Pairs operation cannot be performed because the volume specified as the primary volume is a pool volume.	Verify the status of the volume specified as the primary volume.	W
06505	058490	The pair option of the primary volume was updated, but that of the secondary volume cannot be updated. The firmware of the remote storage system might not support the change pair option function, or a communication error between the local and remote storage systems might have occurred.	Take a note of the DKCMAIN firmware of the remote storage system, and then contact the Hitachi Data Systems Support Center to verify that the firmware supports the change pair option function. If the firmware supports the function, verify the cable connection of the local storage system and the remote storage system, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
06505	058500	The Create Pairs operation cannot be performed because the Universal Replicator function of the remote storage system does not support external volumes.	Take a note of the DKCMAIN firmware version of the remote storage system, and then contact the Hitachi Data Systems Support Center to verify whether the Universal Replicator function supports external volumes.	W
06505	058501	The Create Pairs operation failed because the Universal Replicator function of the Remote Storage System does not support VMA of Data Retention Utility.	Take a note of the DKCMAIN firmware version of the remote storage system, and then contact the Hitachi Data Systems Support Center to verify whether the Universal Replicator function supports VMA of Data Retention Utility.	W
06505	058502	The operation failed because the capacity of the secondary storage system has exceeded the licensed capacity of Data Retention Utility.	Verify the licensed capacity of Data Retention Utility for the remote storage system. To perform the specified operation, purchase a license key that allows you to use a capacity larger than the current capacity.	W
06505	058503	The specified operation failed due to the attribute or the mirror status in the journal.	Check the attribute and the mirror status of the journal.	W
06505	058504	The operation cannot be performed.	Refresh the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06505	058508	The Create Pairs operation cannot be performed because the IO suppression mode of the volume specified as the primary volume is enabled.	Disable the IO suppression mode of the volume specified as the primary volume from the Universal Volume Manager window.	W
06505	058510	The Create Pairs operation cannot be performed. The combination of the specified primary volume and the mirror ID is the same as the combination specified from a different local storage system.	Verify the mirror ID assigned to the specified primary volume from the remote storage system, assign a mirror ID that is not used, and then retry the operation.	W
06505	058530	The capacity of the specified volume is too small.	Verify the capacity of the volume, and specify a volume with larger capacity.	W
06505	058550	The operation to add journal volumes failed due to the mirror status of the specified journal.	Verify the status of the mirrors in the specified journal.	W
06505	058560	A journal volume cannot be added because the capacity of shared memory is insufficient.	See the manual to verify the condition for this operation.	E
06505	058561	The Create Pairs operation or the Resync Pairs operation cannot be performed because the timer type of the master journal is different from that of the restore journal.	Check the timer type of the master and the restore journal.	W
06505	058562	The specified volumes or the volumes in the specified journal were deleted, but the volumes could not be blocked.	Block the volumes that could not be blocked. If this operation cannot be performed, contact the Hitachi Data Systems Support Center.	W
06505	058563	The specified volume could not be registered because the volume failed to recover from blockade.	If the problem persists despite retrying, execute Format LDEVs.	W
06505	058564	The Create Pairs operation cannot be performed because the volume specified as the primary volume is being shredded.	Wait until the shredding of the specified volume is complete, and then retry the operation.	W
06505	058565	The Create Pairs operation cannot be performed because the volume specified as the secondary volume is being shredded.	Wait until the shredding of the specified volume is complete, and then retry the operation.	W
06505	058566	The specified volume cannot be registered as a journal volume because the volume is being shredded by Data Retention Utility.	Wait until the shredding is complete, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06505	058590	The Create Pairs or the Resync Pairs operation cannot be performed because the journal volumes of the specified master journal are blocked.	Check the journal volumes statuses of the specified master journal.	W
06505	058591	The Create Pairs or the Resync Pairs operation cannot be performed because the journal volumes of the specified restore journal are blocked.	Check the journal volumes statuses of the specified restore journal.	W
06505	058592	The specified operation failed because the storage system was being powered on or powered off.	Check the status of the storage system. Retry the operation after the storage system has started.	W
06505	058593	The storage system has accepted the request normally, however the processing requires some time.	Refresh the window. If this message is displayed after: • the setting operation, verify that the setting is reflected. • the operation of changing pair status, verify the status of the primary and secondary volumes. If the settings are not reflected, retry the operation. • the Create Pairs or Resync Pairs operation, perform the Split Pairs operation for the pair in the Copy status, and then perform the Resync Pairs operation.	W
06505	058594	The Create Pairs operation cannot be performed because the specified secondary volume is in LUSE configuration.	Release the LUSE configuration or specify a different volume.	W
06505	058596	The operation to change the status to the status ready for delta resync cannot be performed because At-Time Split is set to the specified restore journal.	Check if the At-Time Split is set to the specified restore journal with Business Continuity Manager.	W
06505	058601	Journals cannot be added to the extended consistency group (EXCTG), because the additional shared memory is not installed.	See the manual to verify the condition for this operation.	W
06505	058602	Journals cannot be added to the extended consistency group (EXCTG), because the number of storage systems in the EXCTG exceeds the maximum.	Check the number of storage systems in the specified extended consistency group (EXCTG).	W
06505	058603	Journals cannot be added to the extended consistency group (EXCTG), because the number	Check the number of journals in the specified extended consistency group (EXCTG).	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		of journals in the EXCTG exceeds the maximum.		
06505	058605	Journals cannot be added to the extended consistency group (EXCTG) because the specified mirror ID is different from the mirror ID existed in the EXCTG.	Check the mirror ID of the specified extended consistency group (EXCTG).	W
06505	058606	Journals cannot be deleted from the extended consistency group (EXCTG), because the specified EXCTG is not registered.	Check the status of the specified extended consistency group (EXCTG).	W
06505	058607	Journal groups cannot be deleted from the extended consistency group (EXCTG), because the specified journal group was not registered.	Verify the journals in the specified extended consistency group (EXCTG).	W
06505	058608	The Resync Pairs operation cannot be performed. The restore journal belongs to an extended consistency group (EXCTG), but the local storage system does not support the EXCTG function.	Update the firmware of the local storage system to the version that supports the EXCTG function.	W
06505	058609	The timer type cannot be changed, because the specified journal belongs to an extended consistency group (EXCTG).	Release the setting of the extended consistency group (EXCTG) in the specified journal, and then retry the operation.	W
06505	058611	The specified operation cannot be performed because the firmware exchange is in progress or interrupted on the storage system in the extended consistency group (EXCTG).	Wait until all of the firmware exchanges are complete, and then retry the operation.	W
06505	058612	The previously performed update processing of the extended consistency group (EXCTG) is not complete.	Wait for a while, and then retry the operation.	W
06505	058613	The command device is specified incorrectly.	Verify whether the specified LDEV ID indicates a command device.	W
06505	058683	The operation cannot be performed because Universal Replicator of the remote storage system does not support the delta resync function.	Take a note of the DKCMAIN microcode version of the remote storage system, and then contact the Hitachi Data Systems Support Center and ask whether Universal Replicator supports the Delta resync function.	W
06505	058684	The operation to change the status to Ready for Delta resync cannot be performed. The specified primary volume should meet the following conditions:	On the Replication window and Remote Replication window, verify the status of the specified primary volume.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• It is a secondary volume of TrueCopy. • The TrueCopy pair is in PAIR status.		
06505	058685	The delta resync operation cannot be performed. The specified primary volume should meet the following conditions: • If it is shared as the primary volume of TrueCopy, the status of the TrueCopy pair is PAIR. • If it is shared as the secondary volume of TrueCopy, the status of the TrueCopy pair is SSWS.	On the Remote Replication window or Command Control Interface, verify the status of the TrueCopy pair that uses the specified primary volume.	W
06505	058686	The specified operation failed, because the attribute of the journal of the remote storage system was not "restore".	Check the attribute of the journal of the remote storage system.	W
06505	058687	The status of the other mirror of the Delta resync did not change.	Wait for a while, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
06505	058688	The delta resync operation cannot be performed because the specified primary volume is not ready for delta resync.	Verify the status of the specified primary volume.	W
06505	058689	The operation cannot be performed because the status of some mirrors in the master or restore journal is invalid.	Verify the status of the mirrors in the specified journal.	W
06505	058690	The recovery to the status ready for delta resync cannot be made because the specified primary volume is in one of the following conditions: • The volume is in data copy process (correction copy or drive copy). • The volume is in correction access status. • The volume is blocked. • The volume is being maintained. • The access attribute of the volume is Read Only.	Verify the status of the specified primary volume.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06505	058691	The pair operation cannot be performed due to one of the following reasons: • The Create Pairs or Resync Pairs operation (for delta resync pairs) is performed while specifying the mirror ID used by pairs other than delta resync pairs. • The Create Pairs or Resync Pairs operation (not for delta resync pairs) is performed while specifying the mirror ID used by delta resync pairs.	Specify a different mirror ID, or verify the pair operation for the specified mirror ID.	W
06505	058692	The specified master journal cannot be used for Delta resync, because it is registered in the extended consistency group (EXCTG).	Check the status of the specified master journal.	W
06505	058693	The specified restore journal cannot be used for Delta resync, because it is registered in the extended consistency group (EXCTG).	Check the status of the specified restore journal.	W
06505	058694	The delta resync operation cannot be performed.	Verify the status of the secondary volume or the connected communication line. If no abnormality is found in the status, contact the Hitachi Data Systems Support Center.	W
06505	058696	The specified volume cannot be used as a journal volume because the volume is an external volume to which the I/O suppression mode is enabled.	Check the I/O suppression mode of the specified volume.	W
06505	058697	The journal volume cannot be deleted from the specified journal due to the mirror status.	Verify the status of the mirrors in the specified journal.	W
06505	058698	The operation cannot be performed because the specified secondary volume is used by delta resync.	Verify the status of the specified secondary volume.	W
06505	058699	The operation to change the status to Ready for Delta resync cannot be performed because the specified secondary volume is used by either of the following program products: • ShadowImage	Verify the status of the specified secondary volume from the Local Replication window.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• Thin Image		
06505	058700	The operation to change the status to Ready for Delta resync cannot be performed. The specified secondary volume should meet the following conditions: • It is a secondary volume of a different mirror. • It is in PAIR or Duplex status.	Verify the status of the specified secondary volume.	W
06505	058701	The Universal Replicator pair for delta resync cannot be resynchronized due to one of the following reasons. • Updated data for the TrueCopy pair and that for the Universal Replicator pair do not match. • An I/O is issued from the host to the secondary volume of the Universal Replicator.	Delete the pair that is ready for delta resync, and then copy all data of the primary volume to the secondary volume.	W
06505	058702	The delta resync operation cannot be performed because the number of Universal Replicator pairs and that of Universal Replicator delta resync pairs are different in the restore journal. As a result, the Universal Replicator delta resync pair that did not share the same volume with a Universal Replicator pair was automatically deleted.	Verify the configuration of the Universal Replicator pairs and the Universal Replicator delta resync pairs.	W
06505	058703	The delta resync operation cannot be performed because the secondary volume has been updated.	Delete the Ready for Delta resync pair, and then copy all data into the primary volume.	W
06505	058704	The operation to change the status to Ready for Delta resync cannot be performed because the primary volume is not shared by TrueCopy and Universal Replicator.	On the Replication window, verify the status of the volume.	W
06505	058705	The delta resync operation cannot be performed. The specified secondary volume should meet the following conditions:	Verify the status of the specified secondary volume.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• It is a secondary volume of a different mirror. • It is in PSUS, PSUE, Suspend, PAIR, or Duplex status.		
06505	058707	The Create Pairs operation or the Resync Pairs operation cannot be performed because the status of the specified secondary volume is Not Ready.	Verify the status of the specified secondary volume.	W
06505	058708	The Create Pairs operation with Delta specified, or the Resync Pairs operation on the pair in Ready for Delta resync status cannot be performed.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
06505	058716	The licensed capacity of TrueCopy on the remote storage system is not enough.	Verify the licensed capacities of TrueCopy and Universal Replicator. See the *TrueCopy User Guide* for the remote storage system for the details of the licensed capacities.	W
06505	058718	The licensed capacity of Universal Replicator on the remote storage system is not enough.	Verify the licensed capacities of Universal Replicator and TrueCopy. See the *Universal Replicator User Guide* for the remote storage system for the details of the licensed capacities.	W
06505	058719	The licensed capacity of TrueCopy on the local storage system is not enough.	Verify the licensed capacities of TrueCopy and Universal Replicator. See the *TrueCopy User Guide* for the local storage system for the details of the licensed capacities.	W
06505	058721	The licensed capacity of Universal Replicator on the local storage system is not enough.	Verify the licensed capacities of Universal Replicator and TrueCopy. See the *Universal Replicator User Guide* for the local storage system for the details of the licensed capacities.	W
06505	068003	The operation failed, because the specified journal was not registered.	Check if the specified journal is registered.	W
06505	068004	The operation failed, because the number of journals exceeded the maximum.	Check the number of registered journal.	W
06505	068005	The operation failed, because more than one LDKC numbers cannot coexist in one journal.	Check if the LDKC number of the journal to be registered and the LDKC number of the specified volume is the same.	W
06505	068006	The Create Pairs operation cannot be performed because the LDKC number of the volume specified as the primary volume	Specify a volume with the same LDKC number as that of the master journal, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		is different from the LDKC number of the master journal.		
06505	068007	The Create Pairs operation failed. The LDKC number of the volume specified as the secondary volume is different from the LDKC number of the specified restore journal.	Specify a volume with the same LDKC number as that of the restore journal, and then retry the operation.	W
06505	068008	The Create Pairs operation cannot be performed because the capacity of the shared memory of the local storage system is not enough.	Verify the capacity of the shared memory of the local storage system.	E
06505	068009	The Create Pairs operation cannot be performed because the capacity of the shared memory of the remote storage system is not enough.	Verify the capacity of the shared memory of the remote storage system.	E
06505	068013	The operation cannot be performed due to any of the following reasons. • The specified volume is not a Dynamic Provisioning volume. • Data Direct Mapping is enabled on the specified volume.	Verify the specified volume setting.	W
06505	068014	The operation failed because the specified volume was a pool volume of Dynamic Provisioning.	Check whether the specified volume is a pool volume of Dynamic Provisioning.	W
06505	068017	The operation cannot be performed because the volume specified as the secondary volume is a Dynamic Provisioning volume.	Specify a volume other than a Dynamic Provisioning volume, and then retry the operation.	W
06505	068018	The operation cannot be performed because the volume specified as the secondary volume is a pool volume of Dynamic Provisioning.	Specify a volume other than a pool volume of Dynamic Provisioning, and then retry the operation.	W
06505	068019	The remote storage system does not support the LDEV ID of the specified primary volume.	Specify the LDEV ID that is supported by the remote storage system, and then retry the operation.	W
06505	068024	The operation failed because the current firmware version does not support Delta Resync.	Check the connected storage system's firmware version.	W
06505	068025	The volume specified as the primary volume is used as a pair volume of TrueCopy. The	Install Remote Replication Extended on the local storage system.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		operation cannot be performed because the program product license of Remote Replication Extended is not installed on the local storage system.		
06505	068026	The volume specified as the secondary volume is used as a pair volume of TrueCopy. The operation cannot be performed because the program product license of Remote Replication Extended is not installed on the remote storage system.	Install Remote Replication Extended on the remote storage system.	W
06505	068028	Journals cannot be added to the extended consistency group (EXCTG), because the current firmware version does not support LDKC numbers other than 0.	Confirm the LDKC number of the specified extended consistency group.	W
06505	068759	The status of the specified volume is Simplex or SMPL.	Verify that the LDEV ID or LUN ID, and the mirror ID of the specified volume are correct.	W
06505	068779	The Create Pairs operation cannot be performed because the volume specified as the secondary volume is a system disk.	Select a different volume or release the setting of a system disk for the secondary volume, and then retry the operation.	W
06505	068781	The specified operation cannot be performed because LU is specified for the error level.	The specified master journal runs in the 2DC configuration in which TrueCopy is combined. Specify Mirror for the error level.	W
06505	068782	The Create Pair operation cannot be performed because (0) is specified for the mirror ID.	The specified master journal runs in the 2DC configuration in which TrueCopy is combined. Specify other than (0) for the mirror ID, and then retry the operation.	W
06505	068783	The Create Pairs operation cannot be performed because the specified primary volume is used by TrueCopy.	The specified master journal runs in the 2DC configuration in which TrueCopy is combined. Delete the TrueCopy pair, and then retry the operation, or specify the volume that is not used by TrueCopy.	W
06505	068784	The Resync Pairs operation cannot be performed because the status of the specified primary volume is either of the following. • The volume is not used by TrueCopy.	The master journal of the specified primary volume runs in the 2DC configuration in which TrueCopy is combined. Delete or suspend the TrueCopy pair .	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• The volume is used by TrueCopy, but the pair status is not PSUS or PSUE.		
06505	068805	The operation cannot be performed because the specified secondary volume is used as a volume of Data Migration.	Verify the status of the secondary volume from the host or SVP.	W
06505	068812	A pair cannot be created because the specified secondary volume is a Dynamic Provisioning volume whose capacity is being changed.	Check the volume capacity after the capacity change of the volume ends, and then plan again a combination of volumes to form a pair.	W
06505	068813	A pair cannot be created because the volume specified as the primary volume is a Dynamic Provisioning volume whose capacity is being changed.	Check the volume capacity after the capacity change of the volume ends, and then plan again a combination of volumes to form a pair.	W
06505	068815	The pair cannot be released because the specified volume is used as the pair volume of TrueCopy.	The specified volume is being used in the 2DC configuration in which TrueCopy is combined. Delete the TrueCopy pair, and then retry the operation.	W
06505	068842	The operation cannot be performed because the volume specified as the secondary volume is a volume of Dynamic Provisioning in zero page reclaiming.	Wait until the zero page reclamation on the specified volume is complete, and then retry the operation.	W
06505	068848	The operation cannot be performed because a pool associated with a volume for Dynamic Provisioning specified as the primary volume is being initialized.	Wait until the initialization processing is complete, and then retry the operation.	E
06505	068849	The operation cannot be performed because the pool associated with the volume of Dynamic Provisioning that is specified as the secondary volume is being initialized.	Wait until the initialization of the pool is complete, and then retry the operation.	W
06505	068850	The operation cannot be performed because the consistency group of the specified data volume is shared with multiple local and remote storage systems, and LU is specified for Range.	Specify "Mirror" for the [Range], then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06505	068851	The operation cannot be performed because the specified consistency group is shared with multiple local and remote storage systems.	Select a different consistency group, and then retry the operation.	W
06505	068853	The operation cannot be performed because the specified journal is shared with multiple local and remote storage systems.	Select a different journal, and then retry the operation.	W
06505	068857	The operation failed, because a remote command device has already been assigned to the specified mirror.	Check if a remote command device is assigned to the specified mirror.	W
06505	068858	The operation failed, because the specified mirror was invalid.	Check the status of the specified mirror.	W
06505	068859	The operation failed, because the specified remote command device was blocked.	Check the status of the specified remote command device.	E
06505	068860	The operation cannot be performed because the serial numbers of the remote command device and the mirror do not match.	Verify that the serial number of the external volume that is used as a remote command device matches the one of the storage system connected to the mirror.	W
06505	068861	The operation failed, because the specified journal was not in the configuration of 3DC cascade or 3DC multi target.	Check the status of the specified journal.	W
06505	068862	The specified remote command device cannot be assigned to a mirror any further.	Specify another remote command device, then retry the operation.	W
06505	068863	The operation failed, because the number of assignable remote command device to a mirror exceeded the maximum.	Check the number of remote command devices which has been assigned to a mirror.	W
06505	068870	The operation failed, because a remote command device was not assigned to the specified mirror.	Check if a remote command device was assigned to the specified mirror.	W
06505	068886	The operation cannot be performed because the remote storage system does not support the setting operation of remote command devices.	Contact the Hitachi Data Systems Support Center to verify that the firmware version supports the setting operation of remote command devices.	W
06505	068904	The operation to create a pair of the second mirror cannot be performed because the specified restore journal applies to either of the following.	Verify the restore journal specified for the second mirror.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• A master journal of the first mirror. • A restore journal of the first mirror.		
06505	068905	The operation cannot be performed because the specified journal is either a master journal or a restore journal. The following options cannot be changed with master and restore journals. • Data overflow watch. • Use of cache.	Verify the attribute of the specified journal.	W
06505	068906	A journal volume cannot be added to the specified journal in the operation environment of the current storage system.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
06505	068907	The operation failed because the number of mirrors registered in the specified journal exceeded the upper limit.	Verify the number of mirrors in the specified journal.	W
06505	068909	The operation failed because the restore journal specified for the second mirror was used as the restore journal of the first mirror.	Verify the specified restore journal.	W
06505	068910	The operation cannot be performed because the specified restore journal does not support Universal Replicator 3DC.	Verify the specified restore journal.	W
06505	068911	The operation failed because the specified master journal does not support Universal Replicator 3DC.	Verify the specified master journal.	W
06505	068912	The operation cannot be performed because the program product license of Remote Replication Extended is not installed on the local storage system.	Install the program product license of Remote Replication Extended on the local storage system, and then retry the operation.	W
06505	068913	The operation cannot be performed because the program product license of Remote Replication Extended is not installed on the remote storage system.	Install the program product license of Remote Replication Extended on the remote storage system, and then retry the operation.	W
06505	068914	The operation failed because the specified primary volume was used by another mirror of the	Verify the status of the pair in the different mirror, wait until the status	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		journal and the pair status of the mirror was in transition (COPY/ Suspending/ Deleting/ HOLDING).	transition is complete, and then retry the operation.	
06505	068915	The Create Pairs operation cannot be performed because the status of a different mirror in the journal to which the volume specified as the secondary volume belongs is not Initial or Stopped.	Verify the pair operations, or select a different volume, and then retry the operation.	W
06505	068916	The pair operation cannot be performed because the specified primary volume applies to one of the following: • Its consistency group is shared by multiple local and remote storage systems. • Being used by TrueCopy. • Being used by Thin Image. • Being used by Volume Migration.	Release the setting of the different program product that uses the specified volume and then retry the operation, or select a different volume.	W
06505	068917	The pair operation cannot be performed because the specified secondary volume applies to one of the following: • Its consistency group is shared by multiple local and remote storage systems. • Being used by TrueCopy. • Being used by Thin Image. • Being used by Volume Migration.	Release the setting of the different program product that uses the specified volume and then retry the operation, or select a different volume.	W
06505	068919	The pair operation cannot be performed because the mirror status between the primary and intermediate sites in the 3DC cascading configuration with Universal Replicator is Active.	Change the mirror status between the primary and intermediate sites to Stopped, and then retry the operation.	W
06505	068925	The operation to create a pair for delta resync cannot be performed because the pair status of the specified primary volume is not PAIR.	Verify the status of the specified primary volume.	W
06505	068926	The delta resync operation cannot be performed because the pair status of the specified primary volume is not appropriate.	Verify that the specified primary volume applies to the following: • The volume is a primary volume of a different mirror but the pair status is not PAIR, PSUS, PSUE, or	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			Suspending on the Universal Replicator window or the Command Control Interface. • The volume is a secondary volume of a different mirror but the pair status is not SSWS on the Command Control Interface.	
06505	075015	The specified LDEV belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified LDEV.	W
06505	075021	The specified operation cannot be done because there is an LDEV that has been set to a different resource group.	Specify LDEVs defined in a same resource group.	W
06505	075027	The specified port cannot be used because the user has no access right to a resource group to which the port belongs.	Verify the resources allocation for the user with security administrator role.	W
06505	075028	The operation cannot be performed because the port belonging to a resource group that you do not have permission to access is used by the remote path of the local storage system.	Verify the resources allocation for the user with security administrator role.	W
06505	078003	The specified journal cannot be used.	Check the specified journal.	W
06505	078004	The specified consistency group cannot be used.	Check the specified consistency group.	W
06505	078050	The operation failed because the specified capacity of the primary volume is not supported by the current firmware version.	Verify the specified capacity of the primary volume and the current firmware version.	W
06505	078065	The operation cannot be performed because the storage system is in internal process, or the configuration is being changed by a different operation.	Wait for a while, and then retry the operation.	W
06505	078139	The specified LDEV cannot be set as a journal volume because the volume is used as an external volume that is mapped for online data migration.	Specify a volume other than the external volume mapped for the online data migration, and then retry the operation.	W
06505	078140	The Create Pairs operation cannot be performed because the volume specified as the primary volume is used as an external volume that is mapped for online data migration.	Specify a volume other than the external volume mapped for the online data migration, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06505	078141	The Create Pairs operation cannot be performed because the volume specified as the secondary volume is used as an external volume that is mapped for online data migration.	Specify a volume other than the external volume mapped for the online data migration, and then retry the operation.	W
06505	078160	The journal registration failed because the 2DC cascade was specified as enabled.	Set the 2DC Cascade as disabled, and then retry the operation.	W
06505	078265	A request to create a pair using a journal in the configuration consisting of three Universal Replicator sites was received. However, the operation failed because a pair creation for the Delta resync is specified.	Verify the settings.	W
06505	078270	A Create Pairs failed because the serial number, the model, or the path group ID of the specified Remote Storage System is invalid.	Verify the serial number, the model, and the path group ID of the specified secondary storage system.	W
06505	078272	The Create Pairs operation cannot be performed due to either of the following reasons: • The firmware version of the specified remote storage system does not support the connection with the local storage system. • The specified secondary volume is already used by TrueCopy.	Verify the firmware version of the specified remote storage system. If the firmware version supports the connection with the local storage system, select a different volume, and then retry the operation.	W
06505	078273	The Create Pairs operation cannot be performed because the local storage system is in either of the following conditions: • Its firmware version does not support the connection with the remote storage system. • It is a storage system that cannot be connected with the remote storage system.	Verify the firmware version of the local storage system and the models of the local and remote storage systems.	W
06505	078274	The Create Pairs operation cannot be performed because the local storage system is in either of the following conditions:	Verify the firmware version of the local storage system and the models of the local and remote storage systems.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• Its firmware version does not support the connection with the remote storage system. • It is a storage system that cannot be connected with the remote storage system.		
06505	078276	The Resync Pairs operation cannot be performed because the specified secondary volume is already used as a secondary volume of a pair in a different mirror and the pair status is not applicable to the operation.	Delete a pair, whose secondary volume is also used for a pair in the specified mirror, in a different mirror, and then retry the operation.	W
06505	078277	The specified volume cannot be used as a journal volume because the capacity of the volume is not enough.	Specify a volume with capacity of 1.5 GB or more, and then retry the operation.	W
06505	078281	The Create Pairs operation cannot be performed because the remote storage system does not support the specified path group ID.	Verify the firmware version of the remote storage system. If the firmware version only supports Default for the path group ID, specify Default for the ID, and then perform the Create Pairs operation.	W
06505	078285	A pair operation cannot be performed because a different mirror of the specified restore journal is in status transition (Halting/ Stopping).	Wait until the status transition of the different mirror is complete (Initial/ Stopped), and then retry the operation.	W
06505	078294	The Create Pairs operation cannot be performed because there is not enough space left in the difference management area of the local storage system.	If the extended shared memory is not installed on the local storage system, install it, and then retry the operation. If the extended shared memory is already installed on the local storage system, a new pair cannot be created because the number of pairs that can be created on the system exceeds the maximum.	W
06505	078295	The Create Pairs operation cannot be performed because the extended shared memory is not installed on the local storage system.	Install the extended shared memory on the local storage system, and then retry the operation.	W
06505	078296	The Create Pairs operation failed because there is not enough space left in the difference management area of the Remote Storage System.	If the extended shared memory is not installed on the remote storage system, install it, and then retry the operation. If the extended shared memory is already installed on the remote storage system, a new pair cannot be created because the number of pairs that can	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			be created on the system exceeds the maximum.	
06505	078297	The Create Pairs operation failed because the extended shared memory is not installed in the Remote Storage System.	Install the extended shared memory in the Remote Storage System, and then retry the operation.	W
06505	078299	Failed to change the journal option because the parameter of Inflow Control is invalid.	Verify the parameter of the specified Inflow Control.	W
06505	078300	Failed to change the journal option because the parameter of Data Overflow Watch is invalid.	Verify the parameter of the specified Data Overflow Watch.	W
06505	078301	Failed to change the mirror option because the parameter of Copy Pace is invalid.	Verify the parameter of the specified Copy Pace.	W
06505	078302	Failed to change the mirror option because the parameter of Path Watch Time is invalid.	Verify the parameter of the specified Path Watch Time.	W
06505	078303	Failed to change the mirror option because the parameter of Transfer Speed is invalid.	Verify the parameter of the specified Transfer Speed.	W
06505	078304	Failed to change the journal option because the parameter of Timer Type is invalid.	Verify the parameter of the specified Timer Type.	W
06505	208004	The pair operation of Universal Replicator cannot be performed because the firmware exchange is in progress or interrupted.	Wait until the firmware exchange is complete, and then retry the operation.	W
06505	208005	The operation of Universal Replicator cannot be performed because the shared memory is not installed on the storage system.	Install shared memory.	W
06505	208007	The specified pair or journal does not exist.	Refresh the window, and check the pair status or journal status.	W
06505	208009	The operation cannot be performed because the specified volume is being maintained.	Wait until the maintenance is complete, and then retry the operation.	W
06505	208020	The Create Pairs operation cannot be performed because the specified primary volume is used by global-active device.	Select a different volume, and then retry the operation.	W
06505	208021	The Create Pairs operation cannot be performed because the reservation attribute of global-active device is set on the specified primary volume.	Select a different volume, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06505	208022	The Create Pairs operation cannot be performed because the specified secondary volume is used by global-active device.	Select a different volume, and then retry the operation.	W
06505	208023	The Create Pairs operation cannot be performed because the reservation attribute of global-active device is set on the specified secondary volume.	Select a different volume, and then retry the operation.	W
06505	208100	The remote command device cannot be assigned because Universal Replicator pairs in the selected mirror ID share the same volumes with global-active device pairs.	Verify the selected mirror ID. If the correct mirror ID is selected, delete the global-active device pairs that share the same volumes with Universal Replicator pairs in the mirror ID, and then retry the operation.	W
06505	208101	A Universal Replicator pair for delta resync cannot be created. The selected primary volume of the Universal Replicator pair for delta resync must meet either of the following requirements: • The volume is the secondary volume of a global-active device pair and the global-active device pair is in the PAIR status. • The volume is the primary volume of a global-active device pair and the I/O mode is Block.	Verify the setting to have the requirements met, and then retry the operation.	W
06505	208102	A Universal Replicator pair cannot be created due to either of the following reasons: • A global-active device pair that uses the selected primary volume does not belong to a consistency group. • A global-active device pair that shares the same volume with a different Universal Replicator pair using the selected journal belongs to a different consistency group of global-active device.	Verify the configurations of the global-active device pair and the Universal Replicator pair, and then retry the operation.	W
06505	208103	A delta resync pair cannot be created. The selected mirror ID is used by a global-active device pair that uses the selected primary volume.	Verify the selected primary volume. If the correct volume is selected, select a mirror ID that is not used by a global-active device pair, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06505	208104	A delta resync pair cannot be created due to either of the following reasons: • The selected journal ID does not match the one associated with a consistency group of global-active device. • A global-active device pair that shares the same volume with a different delta resync pair using the selected journal belongs to a different consistency group of global-active device.	Verify that all of the global-active device pairs that share the same volumes with delta resync pairs with the selected journal ID belong to the same consistency group of global-active device, and then retry the operation.	W
06505	208105	A Universal Replicator pair cannot be created. The selected primary volume of the Universal Replicator pair must meet the following requirement: • The volume is the primary volume of a global-active device pair and the global-active device pair is in the PAIR status.	Verify that the selected primary volume is used as the primary volume of the global-active device pair, change the status of the global-active device pair to PAIR, and then retry the operation.	W
06505	208106	A delta resync pair cannot be created due to either of the following reasons: • A global-active device pair that uses the selected primary volume does not belong to a consistency group. • A global-active device pair that shares the same volume with a different delta resync pair using the selected journal belongs to a different consistency group of global-active device.	Verify the configurations of the global-active device pair and the delta resync pair, and then retry the operation.	W
06505	208107	A Universal Replicator pair cannot be created. The selected mirror ID is used by a global-active device pair that uses the selected primary volume.	Verify the selected primary volume. If the correct volume is selected, select a mirror ID that is not used by a global-active device pair, and then retry the operation.	W
06505	208108	A Universal Replicator pair cannot be created due to either of the following reasons:	Verify that all of the global-active device pairs that share the same volumes with Universal Replicator pairs with the selected journal ID belong to the same	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• The selected journal ID does not match the one associated with a consistency group of global-active device. • A global-active device pair that shares the same volume with a different Universal Replicator pair using the selected journal belongs to a different consistency group of global-active device.	consistency group of global-active device, and then retry the operation.	
06505	208109	A Universal Replicator pair cannot be created. The secondary volume of the global-active device pair that uses the selected primary volume of the Universal Replicator pair and the primary volume of the Universal Replicator pair for delta resync that uses the selected secondary volume of the Universal Replicator pair do not match.	Verify the selected primary and secondary volumes of the Universal Replicator pair. The primary and secondary volumes of the Universal Replicator pair must meet all of the following requirements: • The primary volume of the Universal Replicator pair uses the secondary volume (A) of the global-active device pair. • The secondary volume of the Universal Replicator pair is used by a different Universal Replicator pair for delta resync, and the primary volume (B) of this pair is the secondary volume of the global-active device pair. • Volume A and volume B are on the same storage system.	W
06505	208110	The resync operation cannot be performed because the pair in which the selected volume is used applies to either of the following: • The status of the global-active device pair is not PAIR, COPY, PSUS, PSUE, or SSWS. • The status of the delta resync pair is not HLDE.	Verify the selected volume. If the correct volume is selected, change the status of the global-active device pair or the delta resync pair, and then retry the operation.	W
06505	208111	The delta resync operation cannot be performed because the status of the global-active device pair that uses the selected primary volume is not SSWS.	Verify the selected volume. If the correct volume is selected, change the status of the global-active device pair to SSWS, and then retry the operation.	W
06505	208112	A Universal Replicator pair or a delta resync pair cannot be created because the selected	Verify the selected primary volume. If the correct volume is selected, take a note of the DKCMAIN microcode version	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		remote storage system does not support the connection configuration of global-active device and Universal Replicator.	of the remote storage system, and then contact the Hitachi Data Systems Support Center.	
06505	208113	The operation cannot be performed because the storage system is in internal process.	Wait for a while, and then retry the operation.	W
06505	208119	A Universal Replicator pair cannot be created because the secondary volume of a global-active device pair that uses the selected primary volume is not shared with a delta resync pair.	Verify the selected primary and secondary volumes. If the correct volumes are selected, share the secondary volume of the global-active device pair with the delta resync pair, and then retry the operation.	W
06505	208120	A Universal Replicator pair for delta resync cannot be created because either of the following requirements is not met. • The primary volume of the Universal Replicator pair for data resync uses the primary volume of the global-active device pair. • The secondary volume of the Universal Replicator pair for delta resync is used by a Universal Replicator pair that is created by a different mirror.	Verify the selected primary and secondary volumes of the Universal Replicator pair for delta resync. The primary and secondary volumes of the Universal Replicator pair for delta resync must meet all of the following requirements: • The primary volume of the Universal Replicator pair for delta resync uses the primary volume of the global-active device pair. • The secondary volume of the Universal Replicator pair for delta resync is used by a Universal Replicator pair that is created in a different mirror.	W
06505	208150	A Universal Replicator pair for delta resync cannot be created. The secondary volume of the global-active device pair that uses the selected primary volume of the Universal Replicator pair for delta resync and the primary volume of the Universal Replicator pair that uses the selected secondary volume of the Universal Replicator pair for delta resync do not match.	Verify the selected primary and secondary volumes of the Universal Replicator pair for delta resync. The primary and secondary volumes of Universal Replicator pair for delta resync must meet all of the following requirements: • The primary volume of the Universal Replicator pair for delta resync uses the secondary volume (A) of the global-active device pair. • The secondary volume of the Universal Replicator pair for delta resync is used by a different Universal Replicator pair and the primary volume (B) of this pair is the secondary volume of the global-active device pair. • Volume A and volume B are on the same storage system.	W
06505	208152	Universal Replicator pairs in cascading configuration cannot	Verify the status of the specified primary and secondary volumes. To	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		be created. To create the specified Universal Replicator pairs, one of the following requirements must be met. • The journal to which the secondary volume belongs is not used as the primary volume of Universal Replicator pairs in a different mirror. • The primary volume is not a Dynamic Provisioning volume. • The secondary volume is not a Dynamic Provisioning volume.	create a 3DC cascading configuration of three Universal Replicator sites, create a Universal Replicator pair between the primary and intermediate sites first, and then create one between the intermediate and secondary sites.	
06505	208154	A Universal Replicator pair cannot be created because the specified primary volume is an external volume with Data Direct Mapping enabled.	Verify the setting for the specified primary volume.	W
06505	208155	A Universal Replicator pair cannot be created because the microcode version on the secondary storage system does not support Data Direct Mapping.	Verify whether the secondary storage system supports Data Direct Mapping.	W
06505	208156	A Universal Replicator pair cannot be created because the specified secondary volume is an external volume with Data Direct Mapping enabled.	Verify the setting for the specified secondary volume.	W
06505	208157	A Universal Replicator pair cannot be created because the microcode version on the primary storage system does not support Data Direct Mapping.	Disable Data Direct Mapping on the secondary volume.	W
06505	208158	A Universal Replicator pair cannot be created because the primary storage system does not support the pair creation function.	Contact the Hitachi Data Systems Support Center.	W
06505	208159	A Universal Replicator pair cannot be created because the specified primary volume is an external volume with Data Direct Mapping enabled.	Verify the setting for the specified primary volume.	W
06505	208160	The operation cannot be performed because the T10 PI setting differs between the	Apply the same T10 PI setting to the specified primary and secondary volumes, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		specified primary volume and secondary volume.		
06505	208161	A pair cannot be created.	Verify the status of the Universal Replicator pair that uses the specified secondary volume. If the pair status is SIMPLEX, create a pair again. If it is not SIMPLEX, contact the Hitachi Data Systems Support Center.	W
06505	208391	The operation cannot be performed, because deduplication system data volumes or LDEVs for which the capacity saving setting is enabled are specified as journal volumes.	Select different LDEVs.	W
06505	208530	The Create Pairs operation cannot be performed because no virtual LDEV ID is set on the volume specified as the secondary volume.	Verify the status of the specified secondary volume.	W
06505	208531	The specified local storage system does not support nondisruptive migration.	Verify the firmware version of the local storage system. Or specify an LDEV on which the virtualization management is disabled.	W
06505	208532	The specified remote storage system does not support nondisruptive migration.	Verify the firmware version of the remote storage system. Or specify an LDEV on which the virtualization management is disabled.	W
06505	208533	The Create Pairs operation cannot be performed because no virtual LDEV ID is set on the volume specified as the primary volume.	Verify the status of the specified primary volume.	W
06505	208534	The specified volume cannot be registered as a journal volume because it is an LDEV on which the virtualization management is enabled.	Verify the status of the specified volume.	W
06505	208535	The specified volume cannot be registered as a journal volume because it is an LDEV on which the virtualization management is enabled.	Verify the status of the specified volume.	W
06505	208536	The Create Pairs operation cannot be performed because the volume specified as the primary volume or the secondary volume applies to any of the following:	Verify the status of the specified primary or secondary volume, or the serial number or model of the virtual storage machine.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• The volume already registered in the selected mirror is an LDEV on which the virtualization management is disabled, but the specified volume is one on which it is enabled. • The volume already registered in the selected mirror is an LDEV on which the virtualization management is enabled, but the specified volume is one on which it is disabled. • The serial number or model of the virtual storage machine of the specified LDEV, on which the virtualization management is enabled, is not valid.		
06505	208537	The Create Pairs operation cannot be performed because the volume specified as the primary volume or the secondary volume applies to any of the following: • The volume already registered in the selected journal group is an LDEV on which the virtualization management is disabled, but the specified volume is one on which it is enabled. • The volume already registered in the selected journal group is an LDEV on which the virtualization management is enabled, but the specified volume is one on which it is disabled. • The serial number or model of the virtual storage machine of the specified LDEV, on which the virtualization management is enabled, is not valid.	Verify the status of the specified primary or secondary volume, or the serial number or model of the virtual storage machine.	W
06505	208538	The Create Pairs operation cannot be performed because the cache mode of the external volume that is mapped for online data migration and is specified as the primary volume is set to Through.	Specify a volume other than the external volume mapped for the online data migration, and then retry the operation. Or specify an external volume mapped for the online data migration, whose cache mode is other	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			than Through, and then retry the operation.	
06505	208539	The Create Pairs operation cannot be performed because the volume specified as the primary volume is an external volume mapped for the online data migration, and is also used as the pair volume of Volume Migration.	Specify a volume other than the external volume mapped for the online data migration, and then retry the operation. Or delete the Volume Migration pair, and then retry the operation.	W

Part code 06507

Table 8-5 Error codes (part code 06507)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
06507	005036	Two or more commands which were not able to be processed were demanded.	Verify the settings, and then retry the operation.	W
06507	006012	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
06507	006036	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
06507	007070	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
06507	007071	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E

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Message (part code group 07nnn)

This chapter includes the error messages with the part code 07005 to 07007.

- Part code 07005
- Part code 07007

Part code 07005

Table 9-1 Error codes (part code 07005)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
07005	005013	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
07005	005099	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
07005	005625	An internal logic error occurred.	Contact the Hitachi Data Systems Support Center.	W
07005	005626	The specified volume cannot be used because it is write-protected by Data Retention Utility.	Release the write-protection by the Data Retention Utility.	W
07005	005655	The capacities of the volumes specified as the primary volume and the secondary volume do not match.	Specify volumes with the same capacity.	W
07005	005821	This operation has been rejected. The Data Retention Utility setting does not allow the specified volume(s) to be specified as S-VOL(s).	Change the setting of Data Retention Utility so that the specified volumes can be used as S-VOLs.	W
07005	006012	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
07005	006023	The Storage Navigator is busy.	Wait for a while, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
07005	006502	Processing in progress. Please wait for a while, and then retry the operation.	Wait for a while, and then retry the operation.	W
07005	006503	The target volume status is being changed to SMPL.	Wait for a while, and then retry the operation.	W
07005	006537	The setting could not be applied because there is an error in a different setting.	Verify the error factor in another setting and then retry the operation.	W
07005	007310	This error code is not registered.	If this problem persists, contact the Hitachi Data Systems Support Center.	W
07005	008000	A time-out error occurred.	If the problem persists despite retrying, please call the Support Center.	W
07005	008001	A time-out error occurred.	Verify the status of the controller, and then retry the operation.	W
07005	008100	A time-out error occurred.	If the problem persists despite retrying, please call the Support Center.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
07005	008500	Sufficient amount of shared memory is not installed or the program product is not installed.	Add shared memory or confirm whether the necessary program product key is installed.	W
07005	008501	The command has been rejected, because the command specified last time is being processed.	Wait for a while, and then retry the operation.	W
07005	008503	You cannot create the new pair, because a remote copy pair exists in the same storage system frame.	Delete the Remote Copy pair.	W
07005	008504	The operation cannot be performed due to either of the following reasons: • The current pair configuration or status, or the volume status does not meet the requirements for the operation. • The operation was performed on some pairs of one-to-multiple volumes or L1 and L2 pairs at the same time.	Take either of the following actions. • See the *ShadowImage User Guide* to verify the pair configuration or status, or the volume status, and then retry the operation. • Perform the operation respectively on the pairs of one-to-multiple volumes or the L1 and L2 pairs.	W
07005	008505	The operation cannot be performed due to either of the following reasons: • The current pair status does not meet the requirements for the operation. • The operation was performed on some pairs of one-to-multiple volumes or L1 and L2 pairs at the same time.	See the *ShadowImage User Guide* for the relation between the pair status and the operation that can be performed. Perform the operation respectively on the pairs of one-to-multiple volumes or the L1 and L2 pairs.	E
07005	008506	The command cannot be run because the specified secondary volume is used by the host.	Vary the secondary volume offline from the host, and then retry the operation.	W
07005	008507	The Pairsplit (Split Pairs) command was issued to the pairs in a PSUS status.	The Pairsplit command cannot be run because the pair is already in the PSUS status.	W
07005	008508	The Paircreate (Create Pairs) command was issued to the pairs in the PSUS status.	The Paircreate command cannot be run because the pair is already in the PSUS status.	W
07005	008509	The Pairsplit (Split Pairs) command with the QUIESCE	Verify the settings, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		specification was issued to a secondary boot device.		
07005	008510	The P-VOL Suspend command was issued to a secondary boot device.	Verify the settings, and then retry the operation.	W
07005	008512	Cannot perform Pairresync (Resync Pairs) or Pairsplit-E (Suspend Pairs) operation because of the path group setting.	Detach the S-VOL from the host, or delete the Remote Copy path.	W
07005	008519	The capacities of the volumes specified as the primary volume and the secondary volume do not match.	Specify volumes with the same capacity.	W
07005	008521	The number of multiple copy jobs exceeded the maximum.	Verify the settings, and then retry the operation.	W
07005	008525	An internal logic error occurred.	Contact the Hitachi Data Systems Support Center.	E
07005	008526	An internal logic error occurred.	Contact the Hitachi Data Systems Support Center.	E
07005	008527	An internal logic error occurred.	Contact the Hitachi Data Systems Support Center.	E
07005	008528	An internal logic error occurred.	Contact the Hitachi Data Systems Support Center.	E
07005	008529	An internal logic error occurred.	Contact the Hitachi Data Systems Support Center.	E
07005	008530	An internal logic error occurred.	Contact the Hitachi Data Systems Support Center.	E
07005	008531	An internal logic error occurred.	Contact the Hitachi Data Systems Support Center.	E
07005	008532	The command has been rejected, because the P-VOL or the S-VOL is being used by the host.	Stop the usage by the host.	W
07005	008535	A processor failure was detected.	Contact the Hitachi Data Systems Support Center.	E
07005	008536	A cache failure was detected.	Contact the Hitachi Data Systems Support Center.	E
07005	008537	The cache capacities do not match.	Contact the Hitachi Data Systems Support Center.	E
07005	008538	An SM failure was detected.	Contact the Hitachi Data Systems Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
07005	008539	There is not enough shared memory on the local storage system to create 4096 pairs.	The shared memory on the local storage system is not enough. Contact the Hitachi Data Systems Support Center.	E
07005	008540	There is sufficient shared memory to create 4096 pairs, but initial storage system setup is required before creating pairs.	Contact the Hitachi Data Systems Support Center.	E
07005	008541	There is sufficient shared memory to create 4096 pairs, and the initial storage system setup is complete.	Close the message box.	i
07005	008542	Failed to complete the initial shared memory setup.	Contact the Hitachi Data Systems Support Center.	E
07005	008543	The shared memory size is different.	Contact the Hitachi Data Systems Support Center.	E
07005	008544	16 Mbytes of shared memory is available.	-	i
07005	008545	A power supply failure is detected.	Contact the Hitachi Data Systems Support Center.	E
07005	008546	The command was rejected. The PS OFF is in progress.	Retry the operation with power ON.	W
07005	008547	A data transfer failure is detected (CHB).	Contact the Hitachi Data Systems Support Center.	E
07005	008548	A data transfer failure is detected (DKB).	Contact the Hitachi Data Systems Support Center.	E
07005	008549	The P-VOL is not implemented.	Operations cannot be performed on unconfigured volumes.	W
07005	008550	The command cannot be run because the specified primary volume is blocked.	Restore the blocked volume, and then retry the operation.	E
07005	008551	The primary volume is being formatted or shredded.	Wait until the volume is formatted, and then retry the operation.	W
07005	008552	This volume cannot be specified as an P-VOL because it is used as a command device.	Check the target volume.	W
07005	008553	The S-VOL is not implemented.	Operations cannot be performed on unconfigured volumes.	W
07005	008554	The command cannot be run because the specified secondary volume is blocked.	Restore the blocked volume, and then retry the operation.	W
07005	008555	The secondary volume is being formatted or shredded.	Wait until the volume is formatted, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
07005	008556	This volume cannot be specified as an S-VOL because it is used as a command device.	A volume that is not used as a command device shall be specified as an S-VOL.	W
07005	008557	The volume is not implemented.	Operations cannot be performed on unconfigured volumes.	W
07005	008559	The volume is being formatted.	Wait until the volume is formatted, and then retry the operation.	W
07005	008560	This volume cannot be specified because it is used as a command device.	Specify a volume that is not used as a command device.	W
07005	008561	The command code is invalid.	Contact the Hitachi Data Systems Support Center.	E
07005	008562	The command code sender is invalid.	Contact the Hitachi Data Systems Support Center.	E
07005	008563	The volume type is invalid.	Verify the settings, and then retry the operation.	W
07005	008564	The volume type is invalid.	Verify the settings, and then retry the operation.	W
07005	008565	The command code sender is invalid.	Contact the Hitachi Data Systems Support Center.	E
07005	008567	The number of effective lists is invalid.	Contact the Hitachi Data Systems Support Center.	E
07005	008569	The command cannot be run because the area of the differential table or the pair table to set pairs is not enough.	See the *ShadowImage User Guide* or the *Thin Image User Guide* for the relation between the number of pairs that can be created and the shared memory.	W
07005	008570	The selected volume does not exist.	Refresh the window, and then retry the operation.	W
07005	008572	The volume is already defined as a P-VOL.	Check the status of the volume.	W
07005	008573	The volume is defined as a source volume for Volume Migration.	Release the Volume Migration setting.	W
07005	008574	The volume is defined as a target volume for Volume Migration.	Release the Volume Migration setting.	W
07005	008580	The specified volume is for backup servers only.	Select a different volume, and then retry the operation.	W
07005	008581	The specified volume is not for backup servers only.	Verify the settings, and then retry the operation.	W
07005	008583	The RAID level of the specified volume is not supported.	Specify a volume of the supported RAID level.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
07005	008586	The number of groups that can be set in the same storage system is invalid.	Verify the settings, and then retry the operation.	W
07005	008587	The number of pairs that can be set in the same group is invalid.	Verify the settings, and then retry the operation.	W
07005	008588	The specified group number is not set.	Verify the settings, and then retry the operation.	W
07005	008589	The specified group name is invalid.	Verify the settings, and then retry the operation.	W
07005	008590	The group name and the number do not match.	Verify the settings, and then retry the operation.	W
07005	008591	The specified pair is already set in another group.	Verify the settings, and then retry the operation.	W
07005	008592	The command was rejected because the licensed capacity was exceeded.	Check the capacity of the installed license key. To create more pairs, purchase a license key for larger capacity.	W
07005	008593	The P-VOL is a source volume for Volume Migration.	Release the Volume Migration setting.	W
07005	008594	The P-VOL is a target volume for Volume Migration.	Release the Volume Migration setting.	W
07005	008595	The specified P-VOL does not exist.	Refresh the window, and then retry the operation.	W
07005	008597	No more pairs can be created with the specified primary volume.	See the *ShadowImage User Guide* or the *Thin Image User Guide* for the pair configuration.	W
07005	008598	The specified volume is not a P-VOL.	Check the volume status.	W
07005	008599	The specified volume is already used as a primary volume.	Select a different volume, and then retry the operation, or release the pair of the selected volume, and then retry the operation.	W
07005	008600	The RAID level of the specified volume is not supported.	Select a volume of the supported RAID level, and then retry the operation.	W
07005	008601	The specified S-VOL (Primary Volume) cannot be paired with a backup server volume.	Verify the settings, and then retry the operation.	W
07005	008602	The command has been rejected, because the specified P-VOL has already been used as S-VOL of the other pair.	The volume used as S-VOL of the other pair cannot be used as P-VOL.	W
07005	008603	The target volume is set as a primary volume for Data Migration.	Please delete a Data Migration pair.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
07005	008604	The target volume is set as a secondary volume for Data Migration.	Please delete a Data Migration pair.	E
07005	008605	The Pairresync (Resync Pairs) command was issued to a device in the SMPL status.	Check the pair status.	W
07005	008606	The operation to create an L2 pair was rejected because the P-VOL of the L1 pair is used as the P-VOL of a TrueCopy pair.	When the P-VOL of the L1 pair is used as a P-VOL of a TrueCopy pair, the L2 pair cannot be created.	W
07005	008607	The operation cannot be performed because the selected secondary volume is used as a primary volume of a TrueCopy pair or a Universal Replicator pair.	See the *TrueCopy User Guide* or the *Universal Replicator User Guide* for the operations that can be performed in configurations where a ShadowImage pair is combined with a TrueCopy pair or a Universal Replicator pair.	W
07005	008608	The specified S-VOL is not defined.	Refresh the window, and then retry the operation.	W
07005	008610	The S-VOL is a target volume for Volume Migration.	Release the Volume Migration setting.	W
07005	008611	The operation failed because the specified S-VOL was used as S-VOL of other pairs.	Specify another volume.	W
07005	008612	The specified volume is not an S-VOL.	Check the status of the volume.	W
07005	008613	The RAID level of the specified S-VOL is not supported.	Specify the volume number of the supported RAID level.	W
07005	008614	The operation cannot be performed because the selected secondary volume is used as a primary volume of a TrueCopy pair or a Universal Replicator pair.	To create a ShadowImage pair, select a different secondary volume. To combine a ShadowImage pair with a TrueCopy pair or a Universal Replicator pair, create the ShadowImage pair first.	W
07005	008615	The command cannot be run because the specified secondary volume is used as a secondary volume of a TrueCopy pair.	Specify a different volume.	W
07005	008616	The S-VOL is used as a primary volume for Data Migration.	Please delete a Data Migration pair.	E
07005	008617	The target S-VOL is used as a secondary volume for Data Migration.	Please delete a Data Migration pair.	E
07005	008618	The S-VOL is already defined as a P-VOL.	Check the volume number.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
07005	008619	The specified S-VOL is defined as a source volume for Volume Migration.	Release the Volume Migration setting.	W
07005	008624	The command has been rejected, because there is no pair to be operated.	Verify if the specified P-VOL and S-VOL are correct.	W
07005	008625	The primary volume and secondary volume have the same LDEV ID.	Verify the selected LDEV ID.	W
07005	008626	The SMPL command could not be executed because the quick split operation is in progress.	Wait until the quick split operation is complete, and then retry the operation.	W
07005	008627	The Pairresync operation has been rejected, because pair status is COPY(SP)/COPY.	Wait until the status of the pair changes to PSUS.	W
07005	008628	The operation of the L1 pair failed because the L2 pair was in COPY(SP)/COPY status or PSUS(SP)/COPY status.	Wait until the L2 pair status changes to PSUS, and then retry the operation.	W
07005	008629	The status mode specification is invalid.	Verify the settings, and then retry the operation.	W
07005	008630	The status mode type is invalid.	Verify the settings, and then retry the operation.	W
07005	008631	The specified CU number is invalid.	Contact the Hitachi Data Systems Support Center.	W
07005	008632	The timing of issuing the command is invalid.	Contact the Hitachi Data Systems Support Center.	E
07005	008633	The abnormal status is invalid.	Contact the Hitachi Data Systems Support Center.	E
07005	008637	The specified P-VOL is used as a source volume for Volume Migration.	Specify other volume(s), or release the Volume Migration setting.	W
07005	008640	The operation cannot be performed due to either of the following reasons: • There is a pair in the status of Reverse Copy or Quick Restore among pairs that share a primary volume. • The operation was performed on some pairs of one-to-multiple volumes or L1 and L2 pairs at the same time.	Wait until the Reverse Copy or Quick Restore operation is complete, and then retry the operation. Perform the operation respectively on the pairs of one-to-multiple volumes or the L1 and L2 pairs.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
07005	008641	The L1 pairs include a pair in the status of Reverse Copy or Quick Restore.	Wait until the Reverse Copy or Quick Restore operation is complete, and then retry the operation. Perform the operation respectively on the pairs of one-to-multiple volumes or the L1 and L2 pairs.	W
07005	008642	The command has been rejected, because the specified S-VOL is shared as the P-VOL of the other pair and the pair is in the COPY(RS-R)/RCPY status.	Wait until the status of the pair sharing the primary volume becomes PAIR, and then retry the operation. See the section "Operations permitted for L1, L2 pairs" in the *ShadowImage User Guide* for the relation between the status of pairs and ShadowImage operations.	W
07005	008643	The Resync Pairs operation cannot be performed due to either of the following reasons: • The specified pair is not in the PSUS status. • The operation was performed on some pairs of one-to-multiple volumes or L1 and L2 pairs at the same time.	See the section "Pair resynchronization" in the *ShadowImage User Guide* for the relation between the pair status and the ShadowImage operations. Perform the operation respectively on the pairs of one-to-multiple volumes or the L1 and L2 pairs.	W
07005	008644	The operation failed because the pairs sharing a P-VOL contain a pair in other than PSUS or PSUE status.	Verify the status of the pairs that share the P-VOL.	W
07005	008645	The Reverse Copy command could not be executed because the primary volume was shared with the primary volume of a remote replication pair.	Release the remote replication pair, and then retry the operation.	W
07005	008646	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
07005	008647	The Reverse Copy command could not be executed because the secondary volume was shared with the primary volume of a remote replication pair.	Release the remote replication pair, and then retry the operation.	W
07005	008648	The boot device and the P-VOL do not match in the Paircreate (Create Pairs) command.	Check the specified volume number.	W
07005	008649	Because the boot device is the S-VOL in the Pairsplit-S (Delete Pairs) command, the flag does not match.	Check the specified volume number.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
07005	008650	The boot device and the P-VOL do not match in the Paircreate (Create Pairs), Pairresync (Resync Pairs), or Pairsplit-S (Delete Pairs) command.	Check the target volume number.	W
07005	008652	The boot device is not a P-VOL nor S-VOL.	Check the target volume number.	W
07005	008653	Because the boot device is the P-VOL in the Pairsplit-S (Delete Pairs) command, the flag does not match.	Check the target volume number.	W
07005	008654	Boot device and S-VOL do not match in Paircreate (Create Pairs), Pairresync (Resync Pairs), or Pairsplit-S (Delete Pairs) instruction.	Check the target volume number.	W
07005	008657	The Swap&Freeze option cannot be specified, because the mode 80 is on.	Contact the Hitachi Data Systems Support Center.	E
07005	008695	The specified MU number is not less than or equal to 2.	Correct the MU number, and then retry the operation.	W
07005	008920	The pair operation cannot be performed due to either of the following reasons: • The requirements for the operation on the L2 pair are not met because the L1 pair is not in the PSUS status. • The pair operation was performed on some pairs of one-to-multiple volumes or L1 and L2 pairs at the same time.	Wait until the L1 pair changes to the PSUS status, and then retry the operation. Perform the pair operation respectively on the pairs of one-to-multiple volumes or the L1 and L2 pairs.	W
07005	055264	The command was rejected because you tried to create a pair using a volume with VMA setting by Data Retention Utility and a volume without VMA setting.	You cannot create a pair with these volumes. If you want to create a pair, you must use the volumes to both of which VMA is set or not.	W
07005	055645	Quick Restore cannot be performed because the specified pair is composed of the external volumes with different cache mode settings.	Use the Reverse Resync option.	W
07005	056301	The storage system is in internal process, or some other user is changing the configuration.	Wait for a while, and then click [Refresh].	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
07005	056302	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
07005	056303	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
07005	057101	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
07005	057102	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
07005	058000	The command has been rejected because the cascade request for creating cascade pairs composed of volumes belonging to the same consistency group was issued.	Select a different volume or release the consistency group setting.	W
07005	058001	The pair operation cannot be performed due to either of the following reasons: • The requirements for the operation on the L2 pair are not met because the L1 pair is in the COPY(SP)/COPY, PSUS(SP)/COPY, or COPY(RS-R)/RCPY status. • The pair operation was performed on some pairs of one-to-multiple volumes or L1 and L2 pairs at the same time.	Wait until the L1 pair changes to the PSUS or PAIR status, and then retry the operation. Perform the pair operation respectively on the pairs of one-to-multiple volumes or the L1 and L2 pairs.	W
07005	058002	The Quick Restore command has been rejected because the specified pair is composed of a normal volume and a customized volume (CV).	The quick restore operation cannot be performed when the pair is composed of a normal volume and a customized volume (CV). Select a different pair.	W
07005	058003	The command has been rejected because a Remote Copy pair exists in the same storage system frame.	To continue the operation, delete the remote copy pair.	W
07005	058259	The Quick Restore command could not be executed because the specified pair contains external volumes and also is used as a remote replication pair.	Delete the remote replication pair or perform the operation on other pairs.	W
07005	058260	The command was rejected because the specified P-VOL is used as a P-VOL of a TrueCopy pair.	The requested command cannot be executed in the current TrueCopy pair status. See the *ShadowImage User Guide* for the relation between the TrueCopy pair statuses and the ShadowImage operations.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
07005	058261	The command has been rejected, because the specified P-VOL is used as S-VOL of TrueCopy pair.	The requested command cannot be executed in the current status of TrueCopy pair. See the section "Sharing ShadowImage volumes" in the *ShadowImage User Guide* for the relation between the state of TrueCopy pair and the ShadowImage operations.	W
07005	058262	A pair cannot be created because shared memory for differential tables is in sufficient.	Add sufficient shared memory to create a pair.	i
07005	058299	The operation failed because the specified P-VOL was a data volume of Universal Replicator. Check the requirements for using the volume with Universal Replicator.	Check the requirements for using the volume with Universal Replicator.	W
07005	058300	The operation failed, because the specified S-VOL was a data volume of Universal Replicator.	Release the Universal Replicator setting or specify another volume.	W
07005	058351	The Quick Restore command could not be executed because the specified pair contains external volumes, and also is used as a Universal Replicator pair.	Delete the Universal Replicator pair, or perform the operation on a different pair.	W
07005	058356	The command was rejected because the specified volume is used by the Universal Replicator and the TrueCopy.	Release the pair of Universal Replicator or the pair of TrueCopy, and then retry the operation.	W
07005	058451	The storage system is busy (internal processing).	If the problem persists despite retrying, please call the Support Center.	W
07005	058476	The operation cannot be performed because the specified P-VOL is a P-VOL for Thin Image.	Release the Thin Image pair, or select a different volume.	W
07005	058477	The operation cannot be performed because the specified P-VOL is a V-VOL for Thin Image.	Select a different volume.	W
07005	058478	The operation cannot be performed, because the specified P-VOL is a pool volume.	Release the pool volume or select another volume.	W
07005	058479	The operation cannot be performed because the specified S-VOL is a P-VOL for Thin Image.	Release the Thin Image pair, or select a different volume.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
07005	058480	The operation cannot be performed because the specified S-VOL is a V-VOL for Thin Image.	Select a different volume.	W
07005	058481	The operation cannot be performed, because the specified S-VOL is a pool volume.	Release the pool volume or select another volume.	W
07005	058492	The Pairsplit-S (Delete Pairs) operation has failed.	Refresh the window, and check whether the pair exists.	W
07005	058493	The PCB required for this operation is not mounted.	Mount the required PCB, and then retry the operation.	E
07005	058520	The operation failed, because different versions of softwares coexisted in the storage system.	Replace the software, and then retry the operation.	E
07005	058533	The operation failed, because the specified P-VOL was a journal volume.	Release the journal volume setting, or specify another volume.	W
07005	058534	The operation failed, because the specified S-VOL was a journal volume.	Release the journal volume setting, or specify another volume.	W
07005	058536	The operation could not be performed because the specified secondary volume is a Universal Replicator volume.	Check the requirements for using the volume with Universal Replicator.	W
07005	058572	An error occurred on the DKC side.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
07005	058573	This function is not supported.	Check if the DKCMAIN firmware version and Storage Navigator software version are mismatched.	E
07005	058574	An error occurred while connecting to the storage system.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
07005	058575	An error occurred while connecting to the storage system.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
07005	058576	A communication time-out error occurred in the storage system.	If the problem persists despite retrying, please call the Support Center.	E
07005	058579	The operation could not be performed because the specified volume is being shredded by Data Retention Utility.	Verify that the shredding is complete in the Data Retention Utility window, and then retry the operation.	W
07005	058582	The command has been rejected because the specified S-VOL is used as P-VOL of Thin Image, or	The specified command cannot be executed with the current pair configuration. See the section "Interoperability with other products	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		the specified MU number is already used.	and functions" and "ShadowImage" described in the *Thin Image User Guide* for the conditions of sharing the volumes between Thin Image and ShadowImage.	
07005	058583	The operation failed because the volume was shared by a Thin Image pair.	To continue the operation, release the Thin Image setting.	W
07005	058584	The operation failed because the volume was shared by a Thin Image pair in COPY (RS-R)/ RCPY status.	Check the conditions for using ShadowImage in conjunction with Thin Image.	W
07005	058585	The operation failed because the CU group of the specified volume is not supported.	Volumes that do not belong to CU group 0 are currently not supported. Specify another volume.	W
07005	058630	The operation cannot be performed because the specified primary volume is used by a delta resync pair of Universal Replicator.	See the *ShadowImage User Guide* for the relation between the pair status of Universal Replicator and the ShadowImage operations. See the *Thin Image User Guide* for the relation between the pair status of Universal Replicator and the Thin Image operations.	W
07005	058631	The operation failed because the specified S-VOL was used by Delta resync of Universal Replicator.	The P-VOL of Universal Replicator pair for Delta resync cannot be specified as S-VOL. Specify another volume.	W
07005	058711	The operation could not be performed because the specified MU number is already used.	Refresh the ShadowImage window, and check the MU number that can be used.	W
07005	058906	The operation failed because the volume specified as the P-VOL was used as the S-VOL of another pair and the volume specified as the S-VOL was used as the P-VOL of another pair already.	Verify the pair configurations. See the *ShadowImage User Guide* for the relation between the configuration and the operation of pairs.	W
07005	068021	"0" cannot be specified as the MU number of L2 pair.	Specify other MU numbers.	W
07005	068737	The command has been rejected, because the specified P-VOL is a Dynamic Provisioning volume not associated with a pool.	Associate the Dynamic Provisioning volume with a pool, and then retry the operation.	W
07005	068738	The command has been rejected, because the specified S-VOL is a Dynamic Provisioning volume not associated with a pool.	Associate the Dynamic Provisioning volume with a pool, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
07005	068743	The command has been rejected, because Quick Format is performed on the specified P-VOL.	Retry the operation after quick formatting is complete.	W
07005	068744	The command has been rejected, because Quick Format is performed on the specified S-VOL.	Retry the operation after quick formatting is complete.	W
07005	068750	The Quick Restore command has been rejected, because the specified pair is composed of the Dynamic Provisioning volume and the volumes other than Dynamic Provisioning volume.	Quick Restore cannot be performed in the current pair configuration.	W
07005	068755	The Quick Restore command has been rejected, because device information (Inquiry information) of P-VOL and S-VOL was different in the specified pair.	Quick Restore cannot be performed in the current pair configuration. Select a pair whose device information (Inquiry information) is the same, and then perform Quick Restore.	W
07005	068760	Quick Restore cannot be performed because the configuration is being backed up in the target volume.	Wait for a while, and then retry the operation.	W
07005	068808	The command has been rejected, because the specified P-VOL is a Dynamic Provisioning volume whose capacity is being added.	The operation is not available because the target volume has capacity changes. Verify the capacity of the volume, and then apply the setting.	W
07005	068809	The command has been rejected, because the specified S-VOL is a Dynamic Provisioning volume whose capacity is being added.	The operation is not available because the target volume has capacity changes. Verify the capacity of the volume, and then apply the setting.	W
07005	068814	The initialization function cannot be performed because a TrueCopy pair or a Universal Replicator pair is created by using Dynamic Provisioning volumes.	Delete the TrueCopy or Universal Replicator pair that is using Dynamic Provisioning volumes, and then retry the operation.	W
07005	068835	The command has been rejected because the specified P-VOL is used by a pair of Thin Image that is registered in the CTG.	Release the pair of Thin Image that is using the specified P-VOL, and then retry the operation.	W
07005	068836	The command has been rejected because the specified S-VOL is used by a pair of Thin Image that is registered in the CTG.	Release the pair of Thin Image that is using the specified S-VOL, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
07005	068837	The command has been rejected, because the specified P-VOL is a volume of Dynamic Provisioning whose zero page is being reclaimed.	Wait until the zero page reclamation is completed, and then retry the operation.	W
07005	068838	The command has been rejected, because the specified S-VOL is a volume of Dynamic Provisioning whose zero page is being reclaimed.	Wait until the zero page reclamation is completed, and then retry the operation.	W
07005	068922	The specified primary volume is a volume using two mirrors in the 3DC cascade, the 3DC multi-target, or the delta resync configuration. The operation for the specified volume cannot be performed due to one of the following reasons: • The specified volume is used as a Universal Replicator delta resync pair volume. • The specified volume is used as a Universal Replicator pair data volume.	See the *ShadowImage User Guide* for the relation between the pair status of Universal Replicator and the ShadowImage operations.	W
07005	068923	The specified secondary volume is a volume using two mirrors in the 3DC cascade, the 3DC multi-target, or the delta resync configuration. The operation for the specified volume cannot be performed due to one of the following reasons: • The specified volume is used as a Universal Replicator delta resync pair volume. • The specified volume is used as a Universal Replicator pair data volume.	See the *ShadowImage User Guide* for the relation between the pair status of Universal Replicator and the ShadowImage operations.	W
07005	075002	The command was rejected, because the Dynamic Provisioning volume specified as P-VOL was not associated with a pool.	Associate the specified Dynamic Provisioning volume with a pool, and then retry the operation.	W
07005	075003	The command was rejected, because the Dynamic Provisioning volume specified as S-VOL was not associated with a pool.	Associate the specified Dynamic Provisioning volume with a pool, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
07005	075005	The command could not be executed because no LUN path is set to the volume specified as a primary volume.	Set an LUN path to the specified primary volume, and then retry the operation.	W
07005	075006	The command could not be executed because no LUN path is set to the volume specified as a secondary volume.	Set an LUN path to the specified secondary volume, and then retry the operation.	W
07005	075015	The specified LDEV belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified LDEV.	W
07005	075046	The LDEVs of a specified pool contain an LDEV that belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified LDEV.	W
07005	078053	The operation failed because the current software version does not support the capacity of specified P-VOL.	Check the software version of the storage system.	W
07005	078054	The operation failed because the current software version does not support the capacity of specified S-VOL.	Check the software version of the storage system.	W
07005	078108	The command was rejected, because the pool associated with the Dynamic Provisioning volume that is specified as the P-VOL was being initialized.	Wait until the initialization of the pool is completed, and then retry the operation.	W
07005	078109	The command was rejected, because the pool associated with the Dynamic Provisioning volume that is specified as the S-VOL was being initialized.	Wait until the initialization of the pool is completed, and then retry the operation.	W
07005	078128	The operation cannot be performed because the specified volume is in the online data migration process.	Specify volumes other than those in the online data migration process.	W
07005	078129	The operation cannot be performed because the volume specified as the primary volume is in the online data migration process.	Specify volumes other than those in the online data migration process.	W
07005	078130	The operation cannot be performed because the volume specified as the secondary volume is a migration volume of nondisruptive migration.	Specify a different volume.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
07005	078139	The operation cannot be done because a pool cannot be used.	Verify the status of the specified pool.	W
07005	078140	The operation cannot be performed because the specified pool number is not the same as the pool number for the existing pairs.	When creating multiple Thin Image pairs by assigning two or more secondary volumes to one primary volume, you must specify the same pool number as the existing pairs.	W
07005	078141	The operation cannot be performed because the specified primary volume is a secondary volume for Thin Image.	Release the Thin Image pair, or select a different volume.	W
07005	078142	The operation cannot be performed because the specified secondary volume is a secondary volume for Thin Image.	Release the Thin Image pair, or select a different volume.	W
07005	078143	The specified snapshot number is used in a different pair for Thin Image.	Release the Thin Image pair, or select a different snapshot number.	W
07005	078144	The operation cannot be done because the license capacity has been exceeded.	Install additional license keys to expand the license capacity of the program product.	W
07005	078145	The command cannot be run in the current pair status.	Refresh the window, and then retry the operation.	W
07005	078146	The pair operation cannot be performed due to either of the following reasons: • The operation previously specified cannot be performed in the current pair status. • The operation was performed on some pairs of one-to-multiple volumes or L1 and L2 pairs at the same time.	Verify the status of the specified pair. Perform the operation respectively on the pairs of one-to-multiple volumes or the L1 and L2 pairs.	W
07005	078147	The pair could not be created because the specified pool is not a Thin Image pool.	Select a Thin Image pool, and then retry the operation.	W
07005	078148	The command was rejected because the specified volume was set unavailable to specify as a secondary volume.	Release the secondary volume unavailable setting, and then retry the operation.	W
07005	078149	An error occurred during Thin Image operations due to one of the following reasons:	Perform one of the following, and then retry the operation: • Specify the correct LDEV number. • Change the status of the specified pair, or specify a different pair.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• The LDEV number specified for the primary volume or secondary volume is wrong. • The LDEV specified as the primary volume or secondary volume is not paired. • The pair of the specified primary volume or secondary volume is not in the status where the operation can be executed. • The specified Snapshot ID (MU number) is wrong. • The specified Snapshot ID (MU number) is already used. • The specified pool is not in a usable status. • The license capacity has exceeded the maximum. • The control table for Thin Image is depleted.	• Specify the correct MU number. • Change the status of the specified pool, or specify a different pool. • Increase the license capacity of Thin Image. • See the *Thin Image User Guide* for the relation between the number of pairs that can be created and shared memory.	
07005	078151	The command was rejected because the shared memory (FC, TPF, or Extension1) of necessary capacity was not installed.	Add sufficient shared memory.	W
07005	078152	The command was rejected because the shared memory (SS1 or more) of necessary capacity was not installed.	Add sufficient shared memory.	W
07005	078153	The LDEV number that is specified as a primary volume is invalid.	Specify another LDEV number.	W
07005	078155	The operation cannot be performed because the Thin Image primary volume is used as a TrueCopy primary volume, and the status of the TrueCopy pair is not PSUS or PSUE.	Change the status of the TrueCopy pair to PSUS or PSUE, and then retry the operation.	W
07005	078156	The operation cannot be performed because the Thin Image primary volume is used as a Universal Replicator primary volume, and the status of the Universal Replicator pair is not PSUS or PSUE.	Change the status of the Universal Replicator pair to PSUS or PSUE, and then retry the operation.	W
07005	078157	The operation cannot be performed because the Thin	Select a different volume.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		Image primary volume is also a TrueCopy secondary volume.		
07005	078158	The operation cannot be performed because the Thin Image primary volume is also a Universal Replicator secondary volume.	Select a different volume.	W
07005	078159	The operation cannot be done because VMA is set for the specified primary volume.	Verify the setting of the specified volume.	W
07005	078161	The operation cannot be done because the specified secondary volume is an external volume.	Specify another volume.	W
07005	078162	The operation cannot be done because the specified secondary volume is not a virtual volume.	Specify another volume.	W
07005	078163	The command was rejected because the specified secondary volume was used as a primary volume of Universal Replicator.	Specify another volume.	W
07005	078164	The command was rejected because the specified secondary volume was used as a secondary volume of Universal Replicator.	Specify another volume.	W
07005	078165	The command was rejected because the specified volume was set unavailable to specify as a secondary volume.	Release the secondary volume unavailable setting, and then retry the operation.	W
07005	078166	The operation cannot be done because VMA is set for the specified secondary volume.	Verify the setting of the specified volume.	W
07005	078167	The command was rejected because the Max LBA size of the specified primary and the secondary volumes was different.	Verify the Max LBA size of the volume.	W
07005	078168	The command was rejected because the number of slots is different between the specified primary and the secondary volumes.	Verify the number of slots of the volume.	W
07005	078169	The specified secondary volume is a virtual volume of Dynamic Provisioning.	Specify another volume.	W
07005	078171	The command was rejected because the specified secondary volume was used as a primary volume of ShadowImage.	Specify another volume.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
07005	078172	The command was rejected because the specified secondary volume was used as a secondary volume of ShadowImage.	Specify another volume.	W
07005	078174	The Thin Image pair cannot be created due to one of the following reasons: • The required shared memory capacity is not installed. • The shared memory is in the initializing process.	Install additional shared memory, or wait until the initializing process is complete and then retry the operation.	W
07005	078175	The specified operation cannot be done.	Contact the Hitachi Data Systems Support Center.	W
07005	078176	The operation cannot be done because the PSUE option is specified.	Contact the Hitachi Data Systems Support Center.	W
07005	078177	The operation cannot be performed because the Thin Image primary volume and the TrueCopy secondary volume share the same volume, and the TrueCopy pair status is COPY.	Change the status of the TrueCopy pair to other than COPY, and then retry the operation.	W
07005	078178	The operation cannot be performed because the Thin Image primary volume and the Universal Replicator secondary volume share the same volume, and the Universal Replicator pair status is COPY.	Change the status of the Universal Replicator pair to other than COPY, and then retry the operation.	W
07005	078179	The ShadowImage MU number cannot be specified when the Thin Image primary volume and the ShadowImage primary volume share the same volume.	Select a different MU number.	W
07005	078180	"0" cannot be specified as the MU number of the Thin Image primary volume when the Thin Image primary volume and the ShadowImage secondary volume share the same volume.	Select a different MU number.	W
07005	078181	The command was rejected because the Thin Image primary volume and the ShadowImage primary volume share the same volume, and the ShadowImage pair is in the re-synchronizing process.	Wait for the status of the ShadowImage pair to change to PAIR, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
07005	078182	The command was rejected because the Thin Image primary volume and the ShadowImage secondary volume share the same volume, and the ShadowImage pair status is not PSUS.	Change the status of the ShadowImage pair to PSUS, and then retry the operation.	W
07005	078183	The operation cannot be performed because the Thin Image primary volume and the ShadowImage primary volume share the same volume, and the ShadowImage pair status is not PSUS or PSUE.	Change the status of the ShadowImage pair to PSUS, and then retry the operation.	W
07005	078184	The operation cannot be performed because the Thin Image primary volume and the ShadowImage secondary volume share the same volume, and the ShadowImage pair status is not PSUS.	Change the status of the ShadowImage pair to PSUS, and then retry the operation.	W
07005	078185	The operation cannot be done because the pools or the pool volumes are blocked.	Restore the blocked pools or pool volumes, and then retry the operation.	W
07005	078186	The Thin Image pair cannot be restored due to one of the following reasons: • The snapshot data of the restore target Thin Image pair is being obtained per consistency group. • The snapshot data is being obtained for a different pair whose primary volume is the restore target Thin Image primary volume.	Wait for a while, and then retry the operation.	W
07005	078187	The Thin Image pair with the specified consistency group number cannot be created due to one of the following reasons: • The specified consistency group number is used by ShadowImage. • The number of pairs in the consistency group exceeds the maximum. • A pair with the same primary volume already exists in the specified consistency group.	Verify the specified consistency group number.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
07005	078188	The specified consistency group number is invalid.	Verify the consistency group number.	W
07005	078190	The operation cannot be done because the specified secondary volume is incorrect.	Verify the setting of the specified volume.	W
07005	078191	The command was rejected because the program product of Thin Image is not installed.	Install the necessary program product.	W
07005	078195	The command was rejected because the primary volume is used as an external volume that is mapped for online data migration.	Select a volume other than the external volume mapped for the online data migration, and then retry the operation.	W
07005	078196	The command was rejected because the secondary volume is used as an external volume that is mapped for online data migration.	Select a volume other than the external volume mapped for the online data migration, and then retry the operation.	W
07005	078201	The operation failed because the specified pool is not a Thin Image pool.	Select a Thin Image pool.	W
07005	078202	The operation failed because the Thin Image program product is not installed.	Install the Thin Image program product.	W
07005	078203	The operation failed because the software version of Storage Navigator and firmware version of DKCMAIN do not match.	Check the software version of Storage Navigator and the firmware version of DKCMAIN.	W
07005	078204	The operation failed because there are not enough cache management devices.	Delete unnecessary external volumes or virtual volumes, and then retry the operation. When there is a Thin Image pair, delete all the pairs related to the unnecessary primary volumes, and then retry the operation. If this problem persists, call the Support Center.	W
07005	078205	The operation failed because the capacity of the specified volume exceeds 4 TB.	Specify a volume whose capacity is 4TB or less.	W
07005	078207	The operation cannot be performed due to either of the following reasons: • There is a pair in the status of Quick Restore among ShadowImage pairs that share a primary volume. • The operation was performed on some pairs of	Wait until the Quick Restore operation is complete, and then retry the operation. Perform the operation respectively on the pairs of one-to-multiple volumes or the L1 and L2 pairs.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		one-to-multiple volumes or L1 and L2 pairs at the same time.		
07005	078208	The operation failed because the specified pool number is wrong.	Check the pool number.	W
07005	078210	A Thin Image pair cannot be created because the consistency group used by the specified snapshot group is one of the following: • The consistency group number is used by ShadowImage. • The number of pairs that can be defined in a consistency group exceeds the maximum. • A pair created by using the same primary volume already exists in the consistency group .	Verify the consistency group of the pairs that belong to the snapshot group.	W
07005	078255	The operation failed because the volume specified as the S-VOL is a root volume.	Verify the status of the volume.	W
07005	078256	The operation failed because the volume specified as the S-VOL is a node volume.	Verify the status of the volume.	W
07005	078257	The operation failed because the volume specified as the P-VOL is a leaf volume.	Verify the status of the volume.	W
07005	078258	The operation failed because the volume specified as the S-VOL is a leaf volume.	Verify the status of the volume.	W
07005	078259	The specified primary volume is a volume using two mirrors in the 3DC cascade, the 3DC multi-target, or the delta resync configuration. The operation for the specified volume cannot be performed due to one of the following reasons: • The specified volume is used as a Universal Replicator delta resync pair volume. • The specified volume is used as a Universal Replicator pair data volume.	See the *Thin Image User Guide* for the relation between the pair status of Universal Replicator and the Thin Image operations.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
07005	078260	The specified secondary volume is a volume using two mirrors in the 3DC cascade, the 3DC multi-target, or the delta resync configuration. The operation for the specified volume cannot be performed due to one of the following reasons: • The specified volume is used as a Universal Replicator delta resync pair volume. • The specified volume is used as a Universal Replicator pair data volume.	See the *Thin Image User Guide* for the relation between the pair status of Universal Replicator and the Thin Image operations.	W
07005	078261	The command ended abnormally because the specified MU number is out of the range that can be specified.	Make sure the MU number can be specified.	W
07005	078289	A Thin Image pair with the CTG mode specified cannot be created because all the consistency groups have already been defined.	Check the respective consistency group status or create a Thin Image pair without specifying the CTG mode.	W
07005	078290	A Thin Image pair cannot be created because the snapshot ID (MU number) that can be used for the volume specified as the primary volume is depleted.	Select a different volume.	W
07005	078291	A Thin Image pair cannot be created because all the snapshot groups have already been defined, or the number of pairs that can be registered in the specified snapshot group has exceeded the maximum.	Check the defined snapshot groups or select a different snapshot group.	W
07005	078292	A Thin Image pair in which a V-VOL of Dynamic Provisioning is set as the primary volume cannot be created because the Dynamic Provisioning pool is being initialized.	Wait until the initialization of the pool is complete, and then retry the operation.	W
07005	078293	Failed to create a Thin Image pair because the Dynamic Provisioning pool is being initialized.	Wait until the initialization of the pool is complete, and then retry the operation.	W
07005	078294	The Add Pair (Paircreate) operation failed because the specified pair type is invalid.	Check the specified pair type.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
07005	078310	The Thin Image pair operation cannot be performed because all Thin Image pairs that share the specified primary volume are in PSUE status.	Change the status of pairs related to the specified primary volume to enable the pair operation, and then retry the operation.	W
07005	205028	The operation cannot be performed because the total number of Thin Image pairs that share the selected primary volume exceeds 32,768.	Verify the number of Thin Image pairs that share the selected primary volume.	W
07005	208041	A pair cannot be created because of the migration attribute of the volume specified as the primary volume or the secondary volume.	Release the migration attribute, or specify a different volume.	W
07005	208042	The operation cannot be performed because of the migration attribute of the volume specified as the primary volume or the secondary volume.	Release the migration attribute.	W
07005	208043	A pair consisting of three secondary volumes cannot be created because of the migration attribute of the volume specified as the primary volume.	Create a pair consisting of one or two secondary volumes, or specify a different volume for the primary volume.	W
07005	208044	The operation cannot be performed because of the migration attribute of the secondary volume of the specified pair.	Release the migration attribute.	W
07005	208045	The volume specified as the primary volume is a migration volume of nondisruptive migration. The operation cannot be performed because the setting of the online data migration for the volume is not valid.	Verify the setting of the online data migration.	W
07005	208047	The command cannot be run because the volume specified as the primary volume is a reserved volume of global-active device, or the status of the global-active device pair is not valid.	Specify a different volume, or verify whether the pair status is available for this operation by referring to the *ShadowImage User Guide*, and then retry the operation.	W
07005	208048	The command cannot be run because the volume specified as the secondary volume is a reserved volume of global-active	Specify a different volume, or delete the global-active device pair, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		device, or the volume is used by the global-active device pair.		
07005	208049	The command cannot be run because the volume specified as the primary volume is a reserved volume of global-active device, or the status of the global-active device pair is not valid.	Specify a different volume, or verify whether the pair status is available for this operation by referring to the *Thin Image User Guide*, and then retry the operation.	W
07005	208050	The command cannot be run because the volume specified as the secondary volume is a reserved volume of global-active device, or the volume is used by the global-active device pair.	Specify a different volume, or delete the global-active device pair, and then retry the operation.	W
07005	208051	The command cannot be run because the specified primary volume is not a primary volume of a Thin Image pair.	Refresh the window, and then retry the operation.	W
07005	208052	The command cannot be run because the specified pair does not exist.	Refresh the window, and then retry the operation.	W
07005	208053	The command cannot be run because the specified pair cannot be identified.	Refresh the window, and then retry the operation.	W
07005	208054	The command cannot be run because the specified pair has a secondary volume.	Refresh the window, and then retry the operation.	W
07005	208055	The command cannot be run because the specified pair has no secondary volume.	Refresh the window, and then retry the operation.	W
07005	208056	The command cannot be run because the specified pair has no secondary volume.	Refresh the window, and then retry the operation.	W
07005	208057	The operation cannot be performed because the DKCMAIN firmware version and the Storage Navigator software version do not match.	Verify the DKCMAIN firmware version and the Storage Navigator software version.	W
07005	208058	The command cannot be run because the specified pair has a secondary volume.	Refresh the window, and then retry the operation.	W
07005	208059	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
07005	208060	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
07005	208067	The operation cannot be performed because the specified primary volume is being migrated by Volume Migration.	Wait until the migration is complete, and then retry the operation.	W
07005	208069	The operation cannot be performed because the specified secondary volume is being migrated by Volume Migration.	Wait until the migration is complete, and then retry the operation.	W
07005	208072	The operation cannot be performed because the specified primary volume is an external volume with the data direct mapping enabled or a volume that belongs to a parity group with the accelerated compression enabled.	Verify the specified volume.	W
07005	208073	The operation cannot be performed because the specified secondary volume is an external volume with the data direct mapping enabled or a volume that belongs to a parity group with the accelerated compression enabled.	Verify the specified volume.	W
07005	208075	The pair operation cannot be performed because the T10 PI setting does not match between the specified primary volume and secondary volume.	Specify a primary volume and a secondary volume with the same T10 PI setting, and then retry the operation.	W
07005	208387	Pairs cannot be created, because deduplication system data volumes are specified as the primary volumes.	Select different LDEVs.	W
07005	208388	Pairs cannot be created, because deduplication system data volumes are specified as the secondary volumes.	Select different LDEVs.	W
07005	208397	The Quick Restore operation cannot be performed, because the capacity saving setting is enabled for the primary volumes of the selected pairs.	Disable the capacity saving setting for the volumes, or perform the operation on different pairs.	W
07005	208398	The Quick Restore operation cannot be performed, because the capacity saving setting is	Disable the capacity saving setting for the volumes, or perform the operation on different pairs.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		enabled for the secondary volumes of the selected pairs.		
07005	208546	The operation cannot be performed because the selected secondary volume is used as a primary volume of a TrueCopy pair or a Universal Replicator pair.	Select a different volume, and then retry the operation.	W
07005	238724	The operation cannot be performed because the specified LDEV with the SLU attribute is bound to an LDEV with the ALU attribute.	Unbind the specified LDEV with the SLU attribute from the LDEV with the ALU attribute, and then retry the operation.	W

Part code 07007

Table 9-2 Error codes (part code 07007)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
07007	006012	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
07007	007111	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E

10

Message (part code group 08nnn)

This chapter includes the error messages with the part code 08005 to 08805.

- Part code 08005
- Part code 08105
- Part code 08222
- Part code 08505
- Part code 08507
- Part code 08521
- Part code 08522
- Part code 08605
- Part code 08621
- Part code 08622
- Part code 08805

Part code 08005

Table 10-1 Error codes (part code 08005)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
08005	002002	An error occurred during Storage Navigator processing.	Contact customer support.	E
08005	002015	A connection error has occurred.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	W
08005	002145	A connection error has occurred.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	W
08005	003003	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
08005	005010	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
08005	005099	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
08005	005510	The storage system is in internal process, or some other user is changing the configuration.	Please wait for a while, and then select [Refresh].	W
08005	006000	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
08005	006012	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
08005	006023	An error occurred during Storage Navigator processing.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	E
08005	006036	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
08005	006040	An error occurred while connecting to the storage system.	Wait, then retry the operation. If the same problem persists despite retrying, please call the Hitachi Data Systems Support Center.	E
08005	006050	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
08005	006051	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
08005	006531	The Storage Navigator is busy.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	W
08005	007060	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
08005	007111	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
08005	008001	An error occurred while connecting to the storage system.	Wait, then retry the operation. If the same problem persists despite retrying, please call the Hitachi Data Systems Support Center.	E
08005	008100	An error occurred while connecting to the storage system.	Wait, then retry the operation. If the same problem persists despite retrying, please call the Hitachi Data Systems Support Center.	E
08005	056301	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
08005	056302	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
08005	056303	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
08005	057101	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
08005	058572	An error occurred while connecting to the storage system.	Wait, then retry the operation. If the same problem persists despite retrying, please call the Hitachi Data Systems Support Center.	E
08005	058573	This function is not supported.	If the problem persists despite retrying, please call the Support Center.	E
08005	058574	An error occurred while connecting to the storage system.	Wait, then retry the operation. If the same problem persists despite retrying, please call the Hitachi Data Systems Support Center.	E
08005	058575	An error occurred while connecting to the storage system.	Wait, then retry the operation. If the same problem persists despite retrying, please call the Hitachi Data Systems Support Center.	E
08005	058576	A communication time-out error occurred in the storage system.	If there is an error found on the storage system or the SVP, see the manual to	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	
08005	065727	The password is different from the one that was input at the time of backup. Or, the backup file might be broken.	Check the password and the backup file.	W
08005	068761	An error occurred on the DKC side.	If the problem persists despite retrying, please call the Support Center.	E
08005	068766	The serial number of the encryption key does not match.	Use the correct encryption key.	W
08005	087777	The operation cannot be performed because a resource group is not locked.	If the same problem persists despite retrying, please call the Support Center.	E
08005	108101	The number of characters for the password is not valid.	Enter the password using from 6 to 255 characters.	W
08005	108105	The serial number of the encryption key does not match the serial number of this storage system because the key is restored by using the backup file created by a different storage system.	Use the correct encryption key.	W
08005	208200	The operation cannot be performed because the storage system is in internal process, or the configuration is being changed by a different operation.	Wait for a while, and then retry the operation.	W

Part code 08105

Table 10-2 Error codes (part code 08105)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
08105	001930	The operation cannot be performed because the specified volume is used as an external volume that is mapped for the online data migration.	Specify a volume other than the external volume mapped for the online data migration, and then retry the operation.	W

Part code 08222

Table 10-3 Error codes (part code 08222)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
08222	105001	The form of Storage System Name is wrong. Please input the alphanumeric character and the sign (except \ / : , ; * ? " < > | % & ^) from 1 to 180 characters.	Check the settings.	W
08222	105002	The location form is wrong. Enter it with less than 180 alphanumeric characters and symbols (except \ / : , ; * ? " < > | % & ^).	Check the settings.	W
08222	105003	The form of where to make contact is wrong. Enter it with less than 180 alphanumeric characters and symbols (except \ / : , ; * ? " < > | % & ^).	Check the settings.	W

Part code 08505

Table 10-4 Error codes (part code 08505)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
08505	005099	An error occurred during Storage Navigator processing.	If this problem persists, please call the Hitachi Data Systems Support Center.	E
08505	006011	An error occurred during Storage Navigator processing.	If this problem persists, please call the Hitachi Data Systems Support Center.	E
08505	006012	An error occurred during Storage Navigator processing.	If this problem persists, please call the Hitachi Data Systems Support Center.	E
08505	006022	An error occurred during Storage Navigator processing.	If this problem persists, please call the Hitachi Data Systems Support Center.	E
08505	006024	An error occurred during Storage Navigator processing.	If this problem persists, please call the Hitachi Data Systems Support Center.	E
08505	006038	The operation cannot be performed because any of the specified parameters is not valid.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
08505	007110	An error occurred during Storage Navigator processing.	If this problem persists, please call the Hitachi Data Systems Support Center.	E
08505	008001	A communication time-out error occurred.	If this problem persists, contact the Hitachi Data Systems Support Center.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
08505	008002	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
08505	008401	The storage system requires maintenance.	Verify the status of the storage system (if the storage system is blocked, shared memory is inconsistent, or some other factor). If this problem persists, contact the Hitachi Data Systems Support Center.	E
08505	055009	An invalid CLPR No. was detected.	Correct the CLPR No., and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
08505	055010	An invalid SLPR No. was detected.	If the problem persists despite retrying, please call the Support Center.	E
08505	055011	The entered CLPR name is not valid. It is the same as a CLPR name reserved for a different CLPR ID or includes characters other than alphanumeric ones.	Correct the CLPR name. For reserved CLPR names, see the *Performance Guide*.	W
08505	055013	Invalid logon information is detected.	Contact the Hitachi Data Systems Support Center.	E
08505	055014	The entered CLPR name is already used.	Enter a different CLPR name, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
08505	055017	The total of the values registered as the maximum number of users that can connect to each SLPR exceeds the value set as the maximum number of connections to the storage system.	If the problem persists despite retrying, please call the Support Center.	E
08505	055021	The specified CU number is invalid.	Correct the CU number, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
08505	055022	An attempt has been made to either register newly a CLPR that is already registered, or delete a CLPR that is not registered.	Correct the CLPR settings, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
08505	055023	An attempt has been made to either register newly a SLPR that is already registered, or delete a SLPR that is not registered.	If the problem persists despite retrying, please call the Support Center.	E
08505	055024	The configuration of the CLPR is already changed, or some parity groups or some virtual volumes	Select a different parity group, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		are registered in a different CLPR.		
08505	055025	The configuration of the CLPR is already changed, or the settings of the parity group or the virtual volume are not valid.	Correct the parity group settings, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
08505	055026	The specified port name (port number) is invalid.	Correct the port name (port number), and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
08505	055027	The configuration of the CLPR is already changed, or the cache size is not valid.	Correct the cache size setting, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
08505	055028	The configuration of the CLPR is already changed, or the specified cache size is less than the minimum.	Set the cache size to be equal to or greater than the minimum, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
08505	055029	The configuration of the CLPR is already changed, or the total cache size is not valid.	Correct the cache size, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
08505	055033	The same port is already registered in a different SLPR.	If the problem persists despite retrying, please call the Support Center.	E
08505	055228	This function is not available. Virtual Partition Manager is required to create CLPR.	Install the program product.	W
08505	056501	The logon information of the partition management function has been initialized because the conflicting information is detected.	Contact the storage administrator. (To the storage administrator: Reconfigure the logon information. If this problem persists, contact the Hitachi Data Systems Support Center.)	i
08505	056502	The operation to set the maximum number of connections has been cancelled because an attempt has been made to specify this value to less than the number of users who are currently connected. Check the maximum permissible number of connections.	Reduce the number of users currently logged on, and then retry the setting, or specify a value larger than the number of users currently logged on.	E
08505	056524	This function cannot be used by the storage partition administrator.	If the problem persists despite retrying, please call the Support Center.	E
08505	056536	The licensed capacity exceeds the maximum because of the configuration change.	Correct the licensed capacity on the License Key Partition Definition panel.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
08505	057002	An unknown error was detected.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
08505	058310	Some of the shared memories of the storage system may be blocked, or the storage system is being maintained.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	W
08505	058311	Some of the cache memories of the storage system may be blocked, or the storage system is being maintained.	If there is an error found on the storage system or the SVP, see the manual to remove the error. If there is no error found on the storage system or the SVP, and this problem persists, contact the Hitachi Data Systems Support Center.	W
08505	058312	The configuration cannot be changed because the write pending rate of the intended CLPR is too high.	Wait until the write pending rate falls, and then retry the operation.	E
08505	058315	A maintenance job (correction copy, drive copy, LDEV formatting, or LDEV shredding) is running on the storage system.	Wait for a while, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
08505	058316	Parity groups in CLPR are being migrated in the storage system.	Wait until the parity group migration is complete, and then retry the operation.	E
08505	058317	The CLPR capacity is being changed on the storage system.	Wait for a while, and then retry the operation.	E
08505	058318	An error occurred on the DKC while obtaining information about the progress of CLPR processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
08505	058339	The CLPR to which the specified parity groups belong cannot be changed, because the parity groups do not contain all of the journal volumes in a journal of Universal Replicator.	Specify parity groups so as to contain all of the journal volumes in the journal.	W
08505	065740	The operation cannot be performed because a configuration change is in progress on the local storage system.	Wait until the configuration change performed by Command Control Interface or Volume Migration, or the Quick Restore operation is complete, and then retry the operation.	W
08505	075015	The specified LDEV belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified LDEV.	W
08505	075026	The specified parity group or virtual volume cannot be used	Verify the resources allocation for the user with security administrator role.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		because you do not have permission to access a resource group to which the parity group or the virtual volume belongs.		
08505	079008	The selected CLPR cannot be deleted.	Select [Refresh All] on the [File] menu, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
08505	079009	The parity group that you attempt to migrate has a Thin Image pool volume defined.	Delete the Thin Image pool volume belonging to the selected parity group, and then retry the operation.	W

Part code 08507

Table 10-5 Error codes (part code 08507)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
08507	006012	An error occurred during Storage Navigator processing.	If the same problem persists despite retrying, please call the Hitachi Data Systems Support Center.	E
08507	007070	An error occurred during Storage Navigator processing.	If the same problem persists despite retrying, please call the Hitachi Data Systems Support Center.	E
08507	007071	An error occurred during Storage Navigator processing.	If the same problem persists despite retrying, please call the Hitachi Data Systems Support Center.	E

Part code 08521

Table 10-6 Error codes (part code 08521)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
08521	105001	No parity group or virtual volume is selected.	Select one or more table rows.	W
08521	105002	No CLPR is selected.	Select one table row.	W

Part code 08522

Table 10-7 Error codes (part code 08522)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
08522	105001	No table row is selected.	Select one table row.	W
08522	105002	No table rows are selected.	Select one or more table rows.	W
08522	105003	A CLPR name is not entered or the entered name is too long.	Verify the setting of the CLPR name, and then retry the operation.	W
08522	105004	The specified CLPR name cannot be used because it is reserved by the system.	Verify the setting of the CLPR name, and then retry the operation.	W
08522	105005	The value set for Total Cache Size is invalid.	Verify the setting of Total Cache Size, and then retry the operation.	W
08522	105006	The value set for Resident Cache Size is invalid.	Verify the setting of Resident Cache Size, and then retry the operation.	W
08522	105007	The value set for Number of Resident Extents is invalid.	Verify the setting of Number of Resident Extents, and then retry the operation.	W
08522	105009	The same CLPR name already exists.	Verify the setting of the CLPR name, and then retry the operation.	W
08522	105011	The value of Initial Number is not entered.	Verify the setting of Initial Number, and then retry the operation.	W
08522	105017	No more CLPRs can be created because the number of CLPRs that can be created has reached the maximum.	Delete unnecessary CLPRs, and then retry the operation.	W
08522	105018	No parity groups or virtual volumes are selected in the Available Parity Groups or Available Virtual Volumes table.	Select one or more table rows.	W
08522	105019	No CLPR is selected.	Select one table row.	W
08522	105020	CLPR names cannot be assigned to all of the selected CLPRs with the specified value of Initial Number.	Verify the setting of Initial Number, and then retry the operation.	W
08522	105022	The capacity of CLPR might not reach the recommended value. Performance may be affected by this setup. Are you sure you want to continue this operation?	Set the CLPR capacity with the recommended value. If the capacity reaches the recommended value, continue the processing. For the recommended value of CLPR capacity, see "Cache capacity for a CLPR" in the *Virtual Partition Manager User Guide*.	W
08522	106001	No more CLPRs can be created because the number of CLPRs that can be created has reached the maximum.	Delete unnecessary CLPRs, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
08522	106003	CLPR ID=0 cannot be deleted.	Verify the CLPR to be deleted, and then retry the operation.	W
08522	106004	A CLPR in which parity groups or virtual volumes are set cannot be deleted.	Verify the CLPR to be deleted, and then retry the operation.	W
08522	106006	A CLPR cannot be created because the cache capacity cannot be divided any further.	Verify the cache capacity of the CLPR, and then retry the operation.	W
08522	106007	There are no resources that can be migrated.	Verify available parity groups or available virtual volumes, and then retry the operation.	W
08522	106008	There are no CLPRs with resources that can be migrated.	Create multiple CLPRs, and then retry the operation.	W
08522	107001	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
08522	107002	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
08522	205187	CLPR names cannot be allocated to all specified CLPRs because the number of characters for CLPR names that are automatically generated from the characters entered in Prefix and Initial Number exceeds the maximum that can be used for a CLPR name.	Verify the setting.	W

Part code 08605

Table 10-8 Error codes (part code 08605)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
08605	006012	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
08605	006022	An error occurred during SVP processing. If this problem persists, please call the Support Center.	If the problem persists despite retrying, please call the Support Center.	E
08605	007060	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
08605	065753	Invalid character is included in the e-mail addresses or the server addresses.	Delete the characters that cannot be used.	W
08605	065754	The number of characters specified in an e-mail address or a server address exceeds 255 characters.	Enter with 1 to 255 characters.	W
08605	065755	An attribute of the registered destination of messages is invalid.	Check the setting(s).	W
08605	065756	The SMTP authentication is enabled, but Account or Password is not specified.	Enter a correct value.	W
08605	065757	The same e-mail addresses are specified.	Exclude the duplicated setting, then retry the operation.	W
08605	066821	There is no e-mail address information file.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
08605	066822	The contents of the e-mail address information file are invalid.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
08605	066823	A failure occurred while communicating with the SMTP server.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W

Part code 08621

Table 10-9 Error codes (part code 08621)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
08621	209012	Are you sure you want to send a test e-mail based on the entered information in the window?	To continue, click [OK]. Otherwise, click [Cancel].	i

Part code 08622

Table 10-10 Error codes (part code 08622)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
08622	205032	No more e-mail address can be registered because the number of registered e-mail addresses has reached the maximum.	Reduce the number of e-mail addresses, and then retry the operation.	W
08622	205033	No destination addresses are registered.	Register some destination addresses so that the "Email Settings" has at least one e-mail address.	W
08622	205034	The e-mail address is already being used.	Check the settings.	W
08622	205035	A list of e-mail address attributes is not selected.	Check the settings.	W
08622	205036	The form of the e-mail address is wrong.	Check the settings.	W
08622	205037	The form of the Identifier is wrong.	Check the settings.	W
08622	205038	The form of the Account is wrong.	Check the settings.	W
08622	205039	The form of Password is wrong.	Check the settings.	W
08622	209002	A test e-mail was sent.	Wait for a while, and then verify the result.	i

Part code 08805

Table 10-11 Error codes (part code 08805)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
08805	005010	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
08805	005013	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
08805	005018	No more report can be made.	Delete unnecessary reports, then retry the operation.	W
08805	005099	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
08805	006000	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
08805	006012	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
08805	006023	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
08805	006024	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
08805	006036	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
08805	006091	An error occurred while compressing a file.	If the problem persists despite retrying, please call the Support Center.	E
08805	006092	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
08805	006093	The report(s) has already been deleted.	Refresh the both task window and report window, then confirm that the report(s) has been deleted.	W
08805	008001	Making report was not completed within the prescribed time.	Wait, then retry the operation.	E

11

Message (part code group 09nnn)

This chapter includes the error messages with the part code 09205 to 09610.

- Part code 09205
- Part code 09605
- Part code 09610

Part code 09205

Table 11-1 Error codes (part code 09205)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
09205	078065	The operation cannot be performed because the storage system is in internal process, or the configuration is being changed by a different operation.	Wait for a while, and then retry the operation.	W

Part code 09605

Table 11-2 Error codes (part code 09605)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
09605	005013	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
09605	005030	No commands are issued.	If the problem persists despite retrying, please call the Support Center.	W
09605	005041	The number of issued commands exceeds the maximum.	Reduce the number of set demands.	E
09605	005511	The program product is not installed.	Install the program product.	E
09605	006012	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
09605	006023	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
09605	006038	The mistake is found in the set parameter.	If the problem persists despite retrying, please call the Support Center.	E
09605	006502	Processing in progress.	Wait for a while, then retry the operation.	W
09605	006533	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
09605	006537	The setting process has not been executed because there is no error in this setting, but an error in the others settings.	Check the error factor in the others settings.	W
09605	007060	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
09605	007111	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
09605	007310	This error code is not registered.	If the problem persists despite retrying, please call the Support Center.	E
09605	008001	An error occurred while connecting to the storage system. Please retry a little later.	Wait for a while, then retry the operation.	E
09605	008002	A communication time-out error occurred in the storage system. Please wait for a while, and then retry the operation.	Wait for a while, then retry the operation.	E
09605	008102	This function is not supported.	Software versions of DKCMAIN firmware version and Storage Navigator may not match each other. Verify the software version.	E
09605	008120	The specified logical volume does not exist.	Specify an open-system volume.	W
09605	008122	This logical volume is busy.	Verify the logical volume, and then retry the operation.	W
09605	008123	This function is not supported.	Software versions of DKCMAIN firmware version and Storage Navigator may not match each other. Verify the software version.	E
09605	008125	The attribute of the logical volume has been changed by Command Control Interface.	Review LDEV information, then retry.	W
09605	008126	This logical volume is configured as a command device.	Verify the logical volume, and then retry the operation.	W
09605	008128	A parameter error occurred.	If the problem persists despite retrying, please call the Support Center.	E
09605	008132	This error code is not registered.	If the problem persists despite retrying, please call the Support Center.	E
09605	008134	The attribute of this logical volume cannot be changed to Read/Write.	To change the attribute, please call the Support Center.	E
09605	008135	The specified volume is a TrueCopy secondary volume in COPY or PAIR status or a ShadowImage secondary volume in COPY, PAIR, COPY (SP), COPY (RS), or COPY (RS-R) status.	If the pair is TrueCopy, change the status to PSUS, and then retry the operation. If the pair is ShadowImage, change the status to PSUS or PSUS (SP), and then retry the operation.	W
09605	008136	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.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
09605	008138	The Reserved setting of the specified volume cannot be released.	To release the Reserved setting, please call the Support Center.	E
09605	008139	The attribute of the ShadowImage primary volume cannot be changed because the pair status is COPY (RS-R).	Wait until the status of the pair changes to PAIR, and then retry the operation.	W
09605	008142	You cannot select this logical volume because it is used as a Universal Replicator volume.	Verify the logical volume, and then retry the operation.	W
09605	008150	You tried to set a retention term to a logical volume whose access attribute is not Read Only or Protect.	Verify the logical volume, and then retry the operation.	W
09605	008151	The retention term of the logical volume cannot be shortened.	To change the attribute, please call the Support Center.	W
09605	008153	The specified retention term exceeds the maximum.	Correct the retention term, then retry the operation.	W
09605	008154	The retention term of the logical volume has been changed by Command Control Interface.	Check the retention term of the logical volume, then retry the operation.	W
09605	008155	You cannot change the access attribute because a retention term is set to the specified logical volume.	To change the access attribute of the logical volume to Read/Write, please call the Support Center.	W
09605	008156	You cannot change the access attribute because the expiration lock is set to Enable.	Set the expiration lock to Disable, then change the access attribute.	W
09605	058404	The specified operation cannot be executed because the LDEV shredding or the LDEV format is being executed.	Retry the operation after the process is completed.	W
09605	058412	The attribute of the pool volume cannot be changed.	Select another logical volume.	W
09605	058413	The attribute of the Thin Image secondary volume or the virtual volume cannot be changed because the pair status is not PAIR or PSUS.	Change the status of the Thin Image pair to PAIR or PSUS.	W
09605	058414	The attribute of the Thin Image primary volume cannot be changed because the pair status is RCPY.	Wait until the status of the pair changes to PAIR, and then retry the operation.	W
09605	058418	The access attribute cannot be changed, because the status of the specified Universal	Release or suspend the Universal Replicator volume.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		Replicator volume is in PAIR or in COPY.		
09605	058422	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
09605	058423	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
09605	058424	The specified logical volume is blocked.	Restore the blockade status of the logical volume.	E
09605	058429	The protection period is set to this logical volume.	Make the setting to another logical volume.	W
09605	058434	This logical volume is busy.	Wait for a while, then retry the operation.	W
09605	058435	This logical volume is busy.	Verify the logical volume, and then retry the operation.	W
09605	058436	The access attribute of the logical volume has already been changed.	See the Data Retention Utility window and check the following about the logical volume you have selected. • The access attribute must be Read/ Write • The logical volume must be able to be specified as an S-VOL • You must be able to set a path to the logical volume using the Command Control Interface or Storage Navigator • No mode is set using the Command Control Interface	W
09605	058438	This logical volume is configured as a command device.	Verify the logical volume, and then retry the operation.	W
09605	058442	The emulation type of the logical volume is not OPEN-V.	Select a logical volume whose emulation type is OPEN-V.	W
09605	058448	The specified logical volume is blocked, or the LDEV is being formatted or shredded.	Retry the operation after the logical volume has recovered from the blocked status or after the LDEV has been formatted or shredded.	W
09605	058450	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
09605	075015	The specified LDEV belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group containing the specified LDEV.	W
09605	076514	The setting operation cannot be done because all LDEVs allocated to the resource group have no access right for the resource group.	Verify the available LDEVs.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
09605	079010	The attribute cannot be changed because the selected LDEVs belong to a parity group with the accelerated compression enabled.	Select different LDEVs.	W
09605	079011	The attribute of deduplication system data volumes cannot be changed.	Select different LDEVs.	W

Part code 09610

Table 11-3 Error codes (part code 09610)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
09610	007060	An error occurred during Storage Navigator processing.	If the problem persists despite retrying, please call the Support Center.	E
09610	007442	There is an invalid value in the Volume Retention Manager information.	If the problem persists despite retrying, please call the Support Center.	W
09610	008112	There is no valid volume.	Mount volumes, then retry the operation.	W
09610	009107	The value that is under setup is not reflected yet. Do you want to continue the operation?	To continue processing, click [OK]. To stop processing, click [Cancel].	W
09610	009362	Do you want to change the expiration lock mode?	To change the mode, click [OK]. Otherwise, click [Cancel].	i
09610	009363	The specified retention term exceeds the maximum.	Correct the retention term, then retry the operation.	W

12

Message (part code group 10nnn)

This chapter includes the error messages with the part code 10021 to 10126.

- Part code 10021
- Part code 10022
- Part code 10121
- Part code 10122
- Part code 10126

Part code 10021

Table 12-1 Error codes (part code 10021)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
10021	209018	Are you sure you want to transfer the Audit Log to the Primary Server based on the applied information?	To continue, click [OK]. Otherwise, click [Cancel].	i
10021	209019	Are you sure you want to transfer the Audit Log to the Secondary Server based on the applied information?	To continue, click [OK]. Otherwise, click [Cancel].	i

Part code 10022

Table 12-2 Error codes (part code 10022)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
10022	205041	The Primary Server and the Secondary Server have the same settings.	Set a different IP Address, User Name or Output Folder.	W
10022	205048	The form of the User Name is wrong.	Check the settings.	W
10022	205049	The form of the Password is wrong.	Check the settings.	W
10022	205050	The form of the Output Folder is wrong.	Check the settings.	W

Part code 10121

Table 12-3 Error codes (part code 10121)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
10121	109208	It is restored by the encryption key of the specified file. Are you sure you want to overwrite the encryption key information?	To continue, click [OK]. Otherwise, click [Cancel].	W
10121	109210	Creating encryption keys should be limited to 30 in case of necessity for updating those keys.	To continue, click [OK]. Otherwise, click [Cancel].	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
10121	209021	Are you sure you want to initialize the encryption settings?	To continue, click [OK]. Otherwise, click [Cancel].	W

Part code 10122

Table 12-4 Error codes (part code 10122)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
10122	105194	An error occurred or an interruption request was made while formatting.	If the formatting is not interrupted, select [Refresh All] on the [File] menu to reacquire all information of the storage system, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
10122	105195	An error occurred while preparing the quick format.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
10122	105196	The specified encryption key cannot be deleted because it is not created.	Release the selected encryption key that is not created.	W
10122	105197	The specified encryption key cannot be deleted because it is already used.	Select a different encryption key that is not used.	W
10122	105204	The operation cannot be performed because the program product is not installed or you do not have permission to edit.	Install the program product, or log out and then log back in with permission to edit.	W
10122	105235	There is no parity group available for making or releasing encryption settings.	Verify the settings.	W
10122	105237	Format Type is not selected.	Verify the settings.	W
10122	105239	The encryption settings have not changed.	Verify the settings.	W
10122	105240	The selected parity group is not blocked.	Verify the settings.	W
10122	105276	The encryption cannot be set for the specified parity group because it is for an external volume.	Verify the settings.	W
10122	105461	Completed successfully.	Continue the operation.	i
10122	105462	The key management server is not set.	Set up the key management server.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
10122	105463	Invalid port number.	Verify the settings.	W
10122	105464	Invalid time-out value.	Verify the settings.	W
10122	105465	Invalid retry interval.	Verify the settings.	W
10122	105466	The number of retries is invalid.	Verify the settings.	W
10122	105467	The password cannot be entered.	Verify the settings.	W
10122	105470	The key management server is disabled.	Enable the key management server.	W
10122	105471	There are no encryption keys already created.	Verify the configuration of the encryption keys.	W
10122	105480	The total of the entered values exceeds the maximum.	Set each value so as to have the total to be within the maximum.	W
10122	105481	The value in the Total column was updated because the total of the respective minimum number of characters below exceeded the value in the Total column. • Numeric Characters (0-9) • Uppercase Characters (A-Z) • Lowercase Characters (a-z) • Symbols	Verify the Total column in the password policy table.	W
10122	105482	You have not agreed to the notice for the key generation protection.	Read the notice for the key generation protection, and then check the "I agree" check box if you agree.	W
10122	105490	The setting of the key management server is changed.	Perform Rekey Key Encryption Key after the task is complete.	W
10122	105491	The key encryption key cannot be registered.	Initialize the settings on the Edit Encryption Environmental Settings window, and then apply the setting again.	E
10122	105493	The operation cannot be performed because the encryption environmental settings are initialized.	Edit the policies on the Edit Encryption Environmental Settings window.	W
10122	105494	The specified encryption key cannot be deleted because it is being used.	Release the selected encryption key that is being used.	W
10122	105495	The encryption setting cannot be performed because there are not enough encryption keys available for the setting.	Create encryption keys.	W
10122	105496	There are no certificate encryption keys.	Verify the configuration of the encryption keys.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
10122	105497	An encryption key is not created on the key management server.	Create an encryption key on the key management server.	W
10122	105498	A key encryption key is not created on the key management server.	Create a key encryption key on the key management server.	W
10122	105499	A key encryption key cannot be acquired from the key management server.	Reacquire a key encryption key, and then contact the Hitachi Data Systems Support Center.	W
10122	105500	Reacquisition of a key encryption key is unnecessary.	Acquisition of a key encryption key is unnecessary because it is complete successfully.	W
10122	105501	The edit encryption environmental settings cannot be initialized because there is a parity group being encrypted.	Verify the settings.	W
10122	105502	The backup information of the encryption key does not exist on the key management server.	Verify the backup information on the key management server.	W
10122	105503	The backup information of the encryption key does not exist on the key management server.	Verify the backup information on the key management server.	W
10122	105504	No more encryption keys can be created.	Verify the settings.	W
10122	106081	The re-entered password does not match the one entered previously.	Verify the settings.	W
10122	106082	The operation cannot be performed because a task is in progress.	Wait for a while, and then retry the operation. If this problem persists, close the window, and then verify the task status.	W
10122	106084	The size of the specified file is too large.	Verify the specified file.	W
10122	106088	All LDEVs in a parity group on which encryption is enabled are not blocked.	Block all of the LDEVs in the parity group on which encryption is enabled, and then retry the operation.	W
10122	107001	An internal logic error occurred.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
10122	107002	An internal logic error occurred.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
10122	109029	Be sure to back up after the task is complete.	Click [OK].	W
10122	205196	Quick Format cannot be specified as Format Type because the parity groups with	Select Normal Format or No Format as Format Type. To perform Quick Format on parity groups with the accelerated	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		the accelerated compression enabled are contained.	compression disabled, select the parity groups with the accelerated compression disabled and those with it enabled separately, and then perform the operation respectively.	

Part code 10126

Table 12-5 Error codes (part code 10126)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
10126	105001	The upper limit of encryption key backup is 256.	Delete the unnecessary encryption keys, and then retry the operation.	E
10126	105002	The client certificate file or the password of client certificate file is invalid.	Verify if the client certificate file and its password are correct or not.	E
10126	105003	The root certificate file is invalid.	Verify if the root certificate file is correct or not.	E
10126	105004	A message is returned from the server.	The following message is returned from the server. Result Status : *xxx* Result Reason : *xxx* Result Message : *xxx* For the details of this message, contact the administrator of key management server, or see the key management server manuals.	E
10126	105005	Failed to communicate with the key management server.	Verify the following. • If the key management server is started. • If the SVP server can communicate with the key management server. • If the host name and the port of the key management server is correct. • If the client certificate file and the password of the client certificate file are correct. • If the root certificate is correct.	E
10126	105006	Failed to communicate with the key management server.	Verify the following. • If the key management server is started. • If the SVP server can communicate with the key management server.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			• If the host name and the port of the key management server is correct. • If the client certificate file and the password of the client certificate file are correct. • If the root certificate is correct.	
10126	105007	The specified encryption key information is damaged.	The specified encryption key cannot be used. Specify another backed up encryption key.	E
10126	105008	The key wrapping key information of the specified encryption key is damaged.	The specified encryption key cannot be used. Specify another backed up encryption key.	E
10126	105009	The specified encryption key was not found in the key management server.	Verify the specified encryption key.	E
10126	105010	Failed to delete the specified encryption key from the key management server.	The following message is returned from the server. Result Status : *xxx* Result Reason : *xxx* Result Message : *xxx* For the details of the message, contact the administrator of key management server, or see the key management server manuals. If two or more keys are to be deleted, the message returned from the server may include the information related to another encryption key deletion.	E
10126	105011	The deletion operation of the encryption key stopped because the key wrapping key of the specified encryption key cannot be deleted from the key management server.	The following message is returned from the server. Result Status : *xxx* Result Reason : *xxx* Result Message : *xxx* For the details of the message, contact the administrator of key management server, or see the key management server manuals. If two or more keys are to be deleted, the message returned from the server may include the information related to another encryption key deletion.	E
10126	105012	Failed to delete the specified encryption key from the key management server.	The following message is returned from the server. Result Status : *xxx* Result Reason : *xxx* Result Message : *xxx*	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			For the details of this message, contact the administrator of key management server, or see the key management server manuals.	
10126	105013	Failed to delete the key wrapping key of the specified encryption key from the key management server.	The following message is returned from the server. Result Status : *xxx* Result Reason : *xxx* Result Message : *xxx* For the details of this message, contact the administrator of key management server, or see the key management server manuals.	E
10126	105014	Deleting the specified encryption key has been executed, but the processing result could not be obtained.	Verify the list of keys that are backed up in the key management server.	E
10126	105015	The deletion operation of the encryption key stopped because the processing result could not be obtained when deleting the key wrapping key of the specified encryption key from the key management server.	Verify the list of keys that are backed up in the key management server.	E
10126	105016	The "Setup Key Management Server" is not configured.	Configure the "Setup Key Management Server".	E
10126	105017	The "Setup Key Management Server" is not configured.	Configure the "Setup Key Management Server".	E
10126	105018	The "Setup Key Management Server" is not configured.	Configure the "Setup Key Management Server".	E
10126	105019	The "Setup Key Management Server" is not configured.	Configure the "Setup Key Management Server".	E
10126	105020	The "Key Management Server" is disabled.	Enable the "Key Management Server".	E
10126	105021	A time-out error occurred during communication with the key management server.	Increase the value of Timeout on the Edit Encryption Environmental Settings window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
10126	105022	The connected key management server does not support the required functions.	Update the key management server firmware to the latest.	E
10126	107001	The processing cannot continue due to an internal logic contradiction.	Retry the operation. If the problem persists, close the dialog window, click [Refresh], and then retry the operation. If this problem still persists, call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
10126	107002	The processing cannot continue due to an internal logic contradiction.	Retry the operation. If the problem persists, close the dialog window, click [Refresh], and then retry the operation. If this problem still persists, call the Support Center.	E
10126	107003	The processing cannot continue due to an internal logic contradiction.	Retry the operation. If the problem persists, close the dialog window, click [Refresh], and then retry the operation. If this problem still persists, call the Support Center.	E
10126	107004	The processing cannot continue due to an internal logic contradiction.	Retry the operation. If the problem persists, close the dialog window, click [Refresh], and then retry the operation. If this problem still persists, call the Support Center.	E

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Message (part code group 20nnn)

This chapter includes the error messages with the part code 20020 to 20922.

- Part code 20020
- Part code 20121
- Part code 20122
- Part code 20123
- Part code 20222
- Part code 20305
- Part code 20322
- Part code 20422
- Part code 20520
- Part code 20522
- Part code 20525
- Part code 20624
- Part code 20705
- Part code 20721
- Part code 20722

- Part code 20825
- Part code 20921
- Part code 20922

Part code 20020

Table 13-1 Error codes (part code 20020)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20020	105212	Characters or the number of characters for the user name is not valid.	Enter the user name using 1 to 256 characters with alphanumeric characters and the following symbols: ! # $ % & ' * + - . / = ? @ ^ _ ` { | } ~	W
20020	106043	No more users can be created because the number of registered users has reached the maximum.	Reduce the number of registered users, and then retry the operation.	W
20020	106045	The password cannot be changed because the authentication method of the specified user is not Local.	Change the password on the external authentication server.	W
20020	106051	The number of user groups to which the user belongs has reached the maximum.	Reduce the number of user groups to which the user belongs, and then retry the operation.	W
20020	106061	Characters or the number of characters for the user group name is not valid.	Enter the user group name using 1 to 64 characters with alphanumeric characters, spaces, and the following symbols: ! # $ % & ' ( ) + - . = @ [ ] ^ _ ` { } ~	W
20020	106069	The specified user cannot be removed from the user group because the user will belong to no user group.	Verify the settings.	W
20020	106200	The authentication method is not valid.	Verify the settings.	W
20020	106201	All users in Administrator User Group cannot be disabled.	Enable any other users in Administrator User Group, and then retry the operation.	W
20020	106202	The specified user does not belong to the specified user group.	Verify the settings.	W
20020	106203	The specified user already belongs to the specified user group.	Verify the settings.	W
20020	107000	An error occurred during Storage Navigator processing.	Contact customer support.	E
20020	107001	An error occurred during Storage Navigator processing.	Contact customer support.	E
20020	107002	An error occurred during Storage Navigator processing.	Contact customer support.	E
20020	107003	Decryption failed.	Check if the decryption parameter is correct.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20020	107004	An error occurred during Storage Navigator processing.	Contact customer support.	E
20020	107005	An error occurred during Storage Navigator processing.	Contact customer support.	E
20020	107006	An error occurred during Storage Navigator processing.	Contact customer support.	E
20020	107007	Decryption failed.	Check if the decryption parameter is correct.	E
20020	107008	An error occurred during Storage Navigator processing.	Contact customer support.	E
20020	107009	An error occurred during Storage Navigator processing.	Contact customer support.	E
20020	107010	An error occurred during Storage Navigator processing.	Contact customer support.	E
20020	107011	The parameter is invalid.	Specify a correct value.	E
20020	107012	An error occurred during Storage Navigator processing.	Contact customer support.	E
20020	107013	Failed to get an IP address.	Check the connection environment.	E
20020	107014	An error occurred during Storage Navigator processing.	Contact customer support.	E
20020	107015	An error occurred during Storage Navigator processing.	Contact customer support.	E
20020	107016	An error occurred during Storage Navigator processing.	Contact customer support.	E
20020	107017	A file or a directory of the specified path does not exist, or the access is rejected.	Check the environment of file or directory of the specified path.	E
20020	107018	A file or a directory of the specified path does not exist, or the access is rejected.	Check the environment of file or directory of the specified path.	E
20020	107019	A file or a directory of the specified path does not exist, or the access is rejected.	Check the environment of file or directory of the specified path.	E
20020	107020	A file or a directory of the specified path does not exist, or the access is rejected.	Check the environment of file or directory of the specified path.	E
20020	107021	A file or a directory of the specified path does not exist, or the access is rejected.	Check the environment of file or directory of the specified path.	E
20020	107022	The same path is specified in the output source and the output target.	Set a different path.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20020	107023	A file or a directory of the specified path does not exist, or the access is rejected.	Check the environment of file or directory of the specified path.	E
20020	107024	A file or a directory of the specified path does not exist, or the access is rejected.	Check the environment of file or directory of the specified path.	E
20020	107025	A file or a directory of the specified path does not exist, or the access is rejected.	Check the environment of file or directory of the specified path.	E
20020	107026	A file or a directory of the specified path does not exist, or the access is rejected.	Check the environment of file or directory of the specified path.	E
20020	107027	A file or a directory of the specified path does not exist, or the access is rejected.	Check the environment of file or directory of the specified path.	E
20020	107028	A file or a directory of the specified path does not exist, or the access is rejected.	Check the environment of file or directory of the specified path.	E
20020	107029	A file or a directory of the specified path does not exist, or the access is rejected.	Check the environment of file or directory of the specified path.	E
20020	107030	An error occurred during Storage Navigator processing.	Contact customer support.	E
20020	107031	An error occurred during Storage Navigator processing.	Contact customer support.	E
20020	107032	An error occurred during Storage Navigator processing.	Contact customer support.	E
20020	107033	An error occurred during Storage Navigator processing.	Contact customer support.	E
20020	107034	An error occurred during Storage Navigator processing.	Contact customer support.	E
20020	107035	An error occurred during Storage Navigator processing.	Contact customer support.	E
20020	107036	The capacity of a memory is insufficient to login.	Wait for a while, then retry the operation.	W
20020	107037	The number of sessions per IP address exceeds the maximum.	Log out the unnecessary sessions, then retry the operation.	W
20020	107038	The number of sessions per Tomcat session exceeds the maximum.	Log out the unnecessary sessions, then retry the operation.	W
20020	107039	The number of sessions in the entire system exceeds the maximum.	Log out the unnecessary sessions, then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20020	107040	An error occurred during Storage Navigator processing.	Contact customer support.	E
20020	107041	An error occurred during Storage Navigator processing.	Contact customer support.	E
20020	107042	Failed to start the session due to no user authority.	Confirm whether you are authorized.	E
20020	107043	Failed to save the specific information of user.	Check the environment.	E
20020	107044	Failed to save the specific information of user.	Check the environment.	E
20020	107045	Failed to save the specific information of user.	Check the environment.	E
20020	107046	A network error occurred. The cause might be one of the following. • The SVP is not ready. • An error occurred on the SVP. • A time-out error occurred during communication with the SVP.	Take the following actions: • Verify the IP address. If the IP address is correct, close the browser, wait for a while, and then log in again. • The software version of Storage Navigator might not match that of the destination SVP. Clear the caches of the JRE and the browser, restart the browser, and then retry the operation. • Storage Navigator runs a software after downloading it via the network. If you use a proxy server, an old version of the software remains in the cache of the proxy server, and it might be downloaded and run instead of a new version. If this problem persists, contact your network administrator. If this problem persists, contact customer support.	E
20020	107047	An error occurred during Storage Navigator processing.	Contact customer support.	E
20020	107048	The capacity of a memory is insufficient to handle requests.	Contact customer support.	W
20020	107049	An error occurred during Storage Navigator processing.	Contact customer support.	E
20020	107050	An error occurred during Storage Navigator processing.	Contact customer support.	E
20020	107051	Failed to login.	Specify a correct value.	W
20020	107052	Failed to convert an XML file.	Check if the specified XML file is valid.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20020	107053	The parameter is specified incorrectly.	Specify a correct value.	E
20020	107054	The parameter is specified incorrectly.	Specify a correct value.	E
20020	107055	The number of onetime keys has exceeded the maximum.	Wait for a while, then retry the operation.	E
20020	107056	The specified onetime key already exists.	Retry the operation.	E
20020	107057	The certificate does not exist.	Check the environment.	E
20020	107058	Failed to create a certificate object.	Check the environment.	E
20020	107059	The key store file does not exist.	Check the environment.	E
20020	107060	Failed to get a certificate.	Check the environment.	E
20020	107061	Failed to access the key store file.	Check the environment.	E
20020	107062	Failed to initialize the key store file.	Check the environment.	E
20020	107063	Failed to access the key store file.	Check the environment.	E
20020	107064	Failed to get a certificate.	Check the environment.	E
20020	107065	The key store file does not exist.	Check the environment.	E
20020	107066	Failed to read the key store file.	Check the environment.	E
20020	107067	The specified alias does not exist.	Check the environment.	E
20020	107068	The key store file does not exist.	Check the environment.	E
20020	107069	The specified alias does not exist.	Check the environment.	E
20020	107070	Failed to read the key store file.	Check the environment.	E
20020	107071	Failed to get a certificate.	Check the environment.	E
20020	107072	The key store file does not exist.	Check the environment.	E
20020	107073	The specified alias does not exist.	Check the environment.	E
20020	107074	Failed to access the key store file.	Check the environment.	E
20020	107075	Failed to delete a certificate.	Check the environment.	E
20020	107076	Failed to read a key store object.	Check the environment.	E
20020	107077	Failed to read a key store object.	Check the environment.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20020	107078	Failed to read a key store object.	Check the environment.	E
20020	107079	Failed to read a key store object.	Check the environment.	E
20020	107080	Failed to read a key store object.	Check the environment.	E
20020	107081	Failed to store a key store object.	Check the environment.	E
20020	107082	Failed to store a key store object.	Check the environment.	E
20020	107083	Failed to store a key store object.	Check the environment.	E
20020	107084	Failed to store a key store object.	Check the environment.	E
20020	107085	Failed to store a key store object.	Check the environment.	E
20020	107086	Failed to authenticate the onetime key.	Check the environment.	E
20020	107087	Failed to authenticate the onetime key.	Check the environment.	E
20020	107088	Failed to authenticate the onetime key.	Check the environment.	E
20020	107089	Failed to authenticate the onetime key.	Check the environment.	E
20020	107090	Failed to authenticate the onetime key.	Check the environment.	E
20020	107091	Failed to authenticate the onetime key.	Check the environment.	E
20020	107092	Failed to authenticate the onetime key.	Check the environment.	E
20020	107093	Failed to register a onetime key.	Check the environment.	E
20020	107094	The number of onetime keys has exceeded the maximum.	Wait for a while, then retry the operation.	E
20020	107095	Failed to authenticate the user account.	Check the environment.	E
20020	107096	The specified group ID does not exist.	Check the environment.	E
20020	107097	Failed to store the user information.	Check the environment.	E
20020	107098	The user information of the specified onetime key does not exist.	Check the environment.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20020	107099	Failed to get the user information from the specified onetime key.	Check the environment.	E
20020	107100	The user information of the specified global session ID does not exist.	Check the environment.	E
20020	107101	Failed to get the user information from the specified global session ID.	Check the environment.	E
20020	107102	The user session was interrupted.	Log in again.	E
20020	107105	NAS Unified Firmware Configuration Backup cannot be performed.	Verify the following conditions. • The storage system is in the normal state. • The network connection between the SVP and the storage system is normal. If this problem persists when the conditions are normal, contact customer support.	E
20020	108000	The application failed to start, or it was terminated forcibly.	If the problem persists despite retrying, please call the Support Center.	E
20020	205001	Characters or the number of characters for the role name is not valid.	Enter the role name using 1 to 64 characters with alphanumeric characters, spaces, and the following symbols: ! # $ % & ' ( ) + - . = @ [ ] ^ _ ` { } ~	W
20020	205002	The specified user group does not exist.	Verify the settings.	W
20020	205003	The specified user does not exist.	Verify the settings.	W
20020	205004	The resource group assignment cannot be changed because the specified user group applies to All Resource Groups Assigned.	Specify a user group that does not apply to All Resource Groups Assigned.	W
20020	206001	No more user groups can be registered because the number of registered user groups has reached the maximum.	Reduce the number of registered user groups, and then retry the operation.	W
20020	206002	The same user group name is already registered.	Specify a different user group name.	W
20020	207001	The specified role does not exist.	Verify the information of the specified role.	W
20020	207002	The specified user account cannot be changed because it is a built-in account.	Verify the settings.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20020	207003	The specified user group cannot be changed because it is a built-in group.	Verify the settings.	W
20020	207004	The specified user group cannot be deleted because there will be users that belong to no user group.	Verify the information of the users that belong to the specified user group.	W
20020	207005	The user name or password is not valid.	Verify the user name or password.	W
20020	207006	You do not have permission to change the password.	Verify the user authority.	W
20020	207008	An internal error occurred on the storage system.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
20020	207009	An internal error occurred on the RMI server.	Retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
20020	208001	An error occurred between the RMI server and the storage system.	If this problem persists, contact the Hitachi Data Systems Support Center.	E

Part code 20121

Table 13-2 Error codes (part code 20121)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20121	105001	No table rows are selected.	Select one or more table rows.	W
20121	105002	Two or more table rows are selected.	Select one table row.	W
20121	105003	No table row, or two or more table rows are selected.	Select one table row.	W
20121	105004	Other than the numeric value is input.	Input the numeric value.	W
20121	105005	Become the object of the automatic deletion.	To continue, click [OK]. Otherwise, click [Cancel].	i
20121	105006	Please specify two digits or four digits for a value specified for the data pattern.	Check the settings, then retry the operation.	E
20121	105007	No table row is selected.	Select one table row.	W
20121	106001	There is an error in the input content.	Check the content of the error tool tip, correct the error, then retry the operation.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20121	107021	An internal logic error occurred.	Try again. If this problem persists, call the Support Center.	E
20121	107022	An error occurred during SVP processing.	Try again. If this problem persists, call the Support Center.	E
20121	107023	An internal logic error occurred.	Try again. If this problem persists, call the Support Center.	E
20121	107024	A communication error has occurred.	Log in again. If this problem persists, contact the administrator who manages the network in use. If this problem persists even there is no problem found in the network, please call the Support Center.	E
20121	107025	The user session was interrupted.	Log in again.	E
20121	107026	An internal logic error occurred.	If the same problem persists despite retrying, please call the Support Center.	E
20121	107027	The window cannot be opened.	Wait for a while, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
20121	107090	An internal logic error occurred.	If the same problem persists despite retrying, please call the Support Center.	E
20121	107091	An I/O error occurred during downloading.	If the same problem persists despite retrying, please call the Support Center.	E
20121	107092	A security error occurred during downloading.	If the same problem persists despite retrying, please call the Support Center.	E
20121	107093	An internal logic error occurred.	If the same problem persists despite retrying, please call the Support Center.	E
20121	107094	An I/O error occurred during uploading.	If the same problem persists despite retrying, please call the Support Center.	E
20121	107095	A security error occurred during uploading.	If the same problem persists despite retrying, please call the Support Center.	E
20121	107096	A time-out error occurred on the Flash Player.	If this problem persists, use the [x] button of Web browser or hold down [Alt] key and press [F4] key to once terminate the Storage Navigator main window. If this problem occurs even after restarting the Storage Navigator, call the Support Center.	E
20121	107097	No response from the Flash Player.	Try again. If this problem persists, call the Support Center.	E
20121	107098	No response from the Flash Player.	Try again. If this problem persists, call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20121	107099	The Flash Player memory is not enough.	Wait for a while, and then retry the operation.	E
20121	109001	Are you sure you want to remove the selected row(s)?	To continue, click [OK]. Otherwise, click [Cancel].	W
20121	109002	Do you want to cancel?	To cancel, click [OK].	W
20121	109003	The settings that have been done in the following windows will be discarded or cancelled. Are you sure you want to continue?	To continue, click [OK]. Otherwise, click [Cancel].	W
20121	109004	Do you want to log out?	To log out, click [OK]. Otherwise, click [Cancel].	i
20121	109005	Do you want to apply?	To continue, click [OK]. Otherwise, click [Cancel].	W
20121	109007	Forcibly releasing the system lock might have a significant impact on the operation of the storage system. Resource groups locked not from the SVP are not released. Before releasing the system lock, contact the administrator of the storage system to verify that there is no problem to do it. Are you sure you want to forcibly release the system lock?	To continue, click [OK]. Otherwise, click [Cancel].	W
20121	109096	This download process cannot be canceled.	Click [OK] to continue the download process.	i
20121	209020	Do you want to close this window?	To close the window, click [OK].	i

Part code 20122

Table 13-3 Error codes (part code 20122)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20122	105054	The task cannot be changed to the specified status.	If the problem persists despite retrying, please call the Support Center.	W
20122	105055	The number of registered tasks has reached the maximum.	Wait for a while, then retry the operation. If the problem still persists, close the window, and reduce the unexecuted tasks in the task window, then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20122	105056	The task execution is inhibited.	The task cannot be executed, because the system is being stopped. If this message appears even the system is in operation, please call the Support Center.	W
20122	105059	The task cannot be deleted.	The status of the task might be changed. Close the window, then check the task status.	W
20122	105061	The task cannot be suspended.	The status of the task might be changed. Close the window, then check the task status.	W
20122	105063	The task cannot be restarted.	The status of the task might be changed. Close the window, then check the task status.	W
20122	105065	The task cannot be aborted.	The status of the task might be changed. Close the window, then check the task status.	W
20122	105066	This task cannot be aborted.	Check the settings.	W
20122	105068	The auto delete has already been set to disable.	Check the settings.	W
20122	105069	The auto delete has already been set to enable.	Check the settings.	W
20122	105278	This operation has a possibility to cause conflict of setting items with the task of "In progress" or "Not run". Note the conflict of set items. Do you want to continue?	To continue, click [OK]. Otherwise, click [Cancel].	W
20122	105369	IP address is not input in the form of IPv4.	Input in the form of IPv4.	W
20122	105370	IP address is not input in the form of IPv6.	Input in the form of IPv6.	W
20122	105477	The entered password is outside the setting range.	Set a password within the range shown on the password window.	W
20122	105478	The entered password does not meet the password policy.	Set a password according to the password policy shown on the password window.	W
20122	105479	Writing into the password policy file cannot be performed.	Retry the operation.	W
20122	105489	The entered task name is invalid.	Enter the task name within 32 characters using alphanumeric characters and symbols (excluding \ / : , ; * ? "< > |).	W
20122	106004	An unexpected error occurred.	If the problem persists despite retrying, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20122	106039	An error occurred.	Check the details of the error from the following error code list.	E
20122	106056	An error occurred.	Check the details of the error from the following error code list.	E
20122	106057	An error occurred.	Check the details of the error from the following error code list.	E
20122	106058	An error occurred.	Check the details of the error from the following error code list.	E
20122	106059	An error occurred.	Check the details of the error from the following error code list.	E
20122	106060	An error occurred.	Check the details of the error from the following error code list.	E
20122	106061	An error occurred.	Check the details of the error from the following error code list.	E
20122	106072	The tree node cannot be expanded any further.	Collapse other tree nodes, then retry the operation.	W
20122	106073	Only a host registered in a group is allowed to access a LUN that is defined in the target group. A host that is not registered in any group is not allowed to access any LUN. Do you want to continue this operation?	To continue, click [OK]. Otherwise, click [Cancel].	W
20122	106074	All the hosts connected to the target ports are only allowed to access a LUN that is defined in the group #00. This will lead the possibility that LUNs, which are defined in the group other than #00 being used at present, cannot be recognized, then the file system might be destroyed. Do you want to continue this operation?	To continue, click [OK]. Otherwise, click [Cancel].	W
20122	106075	The configuration does not become effective until the security switch is turned on.	Turn the security switch on.	W
20122	106079	The specified resources cannot be displayed due to either of the following reasons. • Changed configuration • No permission to access the resources	Take either of the following actions. • Go back to the previous window, and then verify the configuration. • Ask the administrator to assign the specified resources.	W
20122	106089	Are you sure to execute "Shred LDEVs" ? This task execution deletes all of the target LDEV	If you do not want to continue, click [Cancel] and go back to Delete LUN	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		data and the data cannot be recovered.	Paths window, then click [Finish] to complete.	
20122	107019	An internal logic error occurred.	If this problem persists, please call the Support Center.	E
20122	108029	Storage Navigator cannot be used because there is no license of HDvM/Storage Navigator.	Verify the state of the installed licenses on the License Keys window. To use Storage Navigator, set the license of HDvM/Storage Navigator to the installed state.	W
20122	108030	There is a license that *xxx* day(s) remain to end.	Check the expiration date of the program product on the license key window. Purchase a new license if you want to continue to use the program product.	W
20122	108031	There is a license that *xxx* day(s) remain to end, or a license whose capacity is insufficient.	Check the expiration date or the license capacity of the program products on the license key window. Purchase new licenses if you want to continue to use those program products.	W
20122	108032	Storage Navigator cannot be used because there is no reference authority of Storage Navigator.	To use Storage Navigator, login again with the user who has the reference authority of Storage Navigator.	W
20122	108033	A time-out error occurred.	Refresh the window, then retry the operation. If the same problem persists despite retrying, please call the Support Center.	E
20122	109001	The processing is terminated normally.	Click [OK], then continue the operation.	i
20122	109002	The processing is not executed.	Click [OK], then continue the operation.	W
20122	109003	The number of tasks with auto delete disabled has reached the maximum. Therefore, the execution of the tasks are inhibited at present.	Open the task window, then set the auto delete to disable for tasks in the following status, which can be deleted without any problem. • Completed status • Failed status	W
20122	109015	The task could not complete execution. because the Storage Navigator stopped.	Check whether the setting has been enabled, then make the setting again.	W
20122	109025	This operation resets your view settings such as table columns and filter conditions that you customized. Are you sure you want to execute "Reset View Settings"?	To continue, click [OK]. Otherwise, click [Cancel].	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20122	205072	There are no resources necessary to perform the specified operation.	Verify the configuration, and then retry the operation.	E
20122	205073	You do not have permission to perform the specified operation.	Log on with permission to perform the operation, and then retry.	E
20122	205074	The program products necessary to perform the specified operation are not installed.	Install the necessary program products.	E
20122	205135	The password is not valid.	Enter the correct password.	E
20122	205147	The user ID or the password is not valid.	Wait until the formatting operation is complete, and then format the DP-VOL associated with the pool in which the pool volume is registered.	E
20122	205148	The user ID or the password with which the task was registered is not valid.	If the pool volume registered in the pool that is associated with the virtual volume (DP-VOL) has been formatted, perform LDEV formatting because the I/O operation of the specified volume cannot be performed.	E
20122	205156	Storage Navigator cannot be used because there is no license of HDvM/Storage Navigator.	Verify the state of the installed licenses on the License Keys window. To use Storage Navigator, set the license of HDvM/Storage Navigator to the installed state.	E
20122	205157	Storage Navigator cannot be used because there is no reference authority of Storage Navigator.	To use Storage Navigator, login again with the user who has the reference authority of Storage Navigator.	E
20122	206520	The password of the user currently logged in will be changed. The operation will be failed after the password changed.	Wait until the task is complete, and then log in using the new password to continue the operation.	i
20122	207001	An error occurred during communication with the storage system.	Verify the following, and then retry the operation: • The connections between the storage system and the management server. • The IP address setting of the storage system. • The controller certificate registered on the management server. If this problem persists, contact customer support.	E
20122	207005	In the process of re-registering tasks in queue due to Storage Navigator restart, a task could not be registered because an	The configuration information has changed. Verify the configuration information, and then retry the setting operation.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		operation target in the task is included in an already registered task.		
20122	208001	In the process of re-registering tasks in queue due to Storage Navigator restart, a task could not be registered because the Storage Navigator software version is changed.	Retry the setting operation.	E
20122	208003	A communication error occurred during processing.	Please retry, after checking network setting.	E

Part code 20123

Table 13-4 Error codes (part code 20123)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20123	107000	An internal logic error occurred.	If the problem persists despite retrying, please call the Support Center.	E
20123	107001	An internal logic error occurred.	If the problem persists despite retrying, please call the Support Center.	E
20123	107002	An internal logic error occurred.	If the problem persists despite retrying, please call the Support Center.	E
20123	107003	An internal logic error occurred.	If the problem persists despite retrying, please call the Support Center.	E
20123	107004	An internal logic error occurred.	If the problem persists despite retrying, please call the Support Center.	E
20123	107005	An internal logic error occurred.	If the problem persists despite retrying, please call the Support Center.	E
20123	107006	An internal logic error occurred.	If the problem persists despite retrying, please call the Support Center.	E
20123	107007	Refresh is being processed.	Wait until the present processing is complete, and then retry the operation.	W
20123	107008	An error occurred while refreshing.	Wait for a while, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
20123	107009	An error occurred while refreshing.	If the problem persists despite retrying, please call the Support Center.	E
20123	107010	An error occurred while refreshing.	If the problem persists despite retrying, please call the Support Center.	E
20123	107011	Failed to get the RMI Lock.	Do the following.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			• This operation cannot be done while another user is changing the configuration. Wait for a while, and then retry the operation. • This operation cannot be done while a task is in progress. Wait for a while, and then retry the operation. If there is a task in waiting status, suspend it by executing [Suspend Tasks] before executing any new tasks.	
20123	107012	Failed to release the RMI Lock.	If the problem persists despite retrying, please call the Support Center.	E
20123	107013	An error occurred while refreshing.	If the problem persists despite retrying, please call the Support Center.	E
20123	107014	An error occurred while refreshing.	If the problem persists despite retrying, please call the Support Center.	E
20123	107015	A network error occurred. It is not possible to connect with the SVP due to one of the following reasons. • The SVP was not ready. • An error occurred in the SVP. • A timeout error occurred while communicating with the SVP.	Log in again. If this problem persists, contact the administrator who manages the network in use. If this problem persists even there is no problem found in the network, please call the Support Center.	E
20123	107016	A network error occurred. It is not possible to connect with the SVP due to one of the following reasons. • The SVP was not ready. • An error occurred in the SVP.	Verify the IP address. If the IP address is correct, close the browser (also close the storage list browser), and then log on again.	E
20123	107017	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
20123	107018	A network error occurred. It is not possible to connect with the SVP because a timeout error occurred while communicating with the SVP.	Log in again.	E
20123	107019	Failed to restore the user account list file.	If this problem persists, please call the Support Center.	E
20123	107020	An unsupported version of JRE is used.	Install a supported version of JRE, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20123	107021	An internal logic error occurred.	Refresh the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
20123	107022	An internal logic error occurred.	Refresh the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
20123	107023	An internal logic error occurred.	Click [Refresh All] on the [File] menu, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E
20123	107024	The content of a task conflicts with a task already in process.	Wait for the tasks in process to finish, verify the configuration, and then retry the operation.	E
20123	107025	The operation failed, because the configuration information was being changed.	Wait for a while, then retry the operation.	W
20123	107026	The operation failed because the storage system performed refreshing internally.	Wait, then retry the refreshing operation.	W
20123	107027	The refreshing operation was not completed because the configuration was changing.	Wait, then retry the refreshing operation.	W
20123	107028	A network error occurred. The cause might be one of the following. • The SVP is not ready. • An error occurred on the SVP. • A time-out error occurred during communication with the SVP.	Take the following actions: • Verify the IP address. If the IP address is correct, close the browser, wait for a while, and then log in again. • The software version of Storage Navigator might not match that of the destination SVP. Clear the caches of the JRE and the browser, restart the browser, and then retry the operation. • Storage Navigator runs a software after downloading it via the network. If you use a proxy server, an old version of the software remains in the cache of the proxy server, and it might be downloaded and run instead of a new version. If this problem persists, contact your network administrator. If this problem persists, contact customer support.	E
20123	108000	An internal logic error occurred.	If the problem persists despite retrying, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20123	108001	An internal logic error occurred.	If the problem persists despite retrying, please call the Support Center.	E
20123	108002	An internal logic error occurred.	If the problem persists despite retrying, please call the Support Center.	E
20123	108003	An internal logic error occurred.	If the problem persists despite retrying, please call the Support Center.	E
20123	108004	An error occurred in the disk storage system. The configuration may be inconsistent.	Click [Refresh All] on the [File] menu, then retry the operation. If the same problem persists despite retrying, please call the Support Center.	E

Part code 20222

Table 13-5 Error codes (part code 20222)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20222	105004	The task for the operation is not selected.	Select one or more table rows.	W
20222	105005	A task which is not in the state of suspend is in the specified task. Or, you have not a permission to operate the task status.	Select another task which is in the state of suspend. Or, check that you have the permission to operate, then retry the operation.	W
20222	105006	A task which is not in the state of waiting is in the specified task. Or, you have not a permission to operate the task status.	Select another task which is in the state of waiting. Or, check that you have the permission to operate, then retry the operation.	W
20222	105007	A task which is being executed is in the specified task. Or, you have not permission to operate the task operations.	Select another task which is in the state of executing. Or, check that you have the permission to operate, then retry the operation.	W
20222	105008	Failed to execute the task operation.	Check that you have the permission to operate, then retry the operation. If the same problem persists despite retrying, please call the Support Center.	W
20222	105206	Failed to restore the confirmation data.	If this problem persists, please call the Support Center.	E
20222	105306	You do not have permission to view the detailed information for the specified task.	Log out, and then log back in with access to perform the specified task or with Storage Administrator (System Resource Management) access.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20222	105307	You do not have permission to view the status of the specified task.	Log out, and then log back in with access to perform the specified task or with Storage Administrator (System Resource Management) access.	W
20222	106040	Detailed information cannot be displayed due to status unknown.	If the same problem persists despite retrying, please call the Support Center.	W
20222	109004	The task (*xxx*) is not performed.	-	i
20222	109005	The task (*xxx*) is in progress.	-	i
20222	109006	The task (*xxx*) is complete.	-	i
20222	109007	An error occurred during the task (*xxx*) processing.	-	E
20222	109008	An error occurred during the task (*xxx*) processing. Verify the details of the error with the error code in the following list.	-	E
20222	109009	The task (*xxx*) is aborted.	-	i
20222	109010	The task (*xxx*) is suspended.	-	i
20222	109011	An error occurred during the task (*xxx*) processing. Due to the error, some settings cannot be applied because the internal processing has been interrupted. Verify all configuration settings of the task, including ones applied normally, and then retry the operation.	-	E
20222	109017	The task (*xxx*) to request a start of processing is complete.	-	i
20222	109021	Check the error details with the error code from the following list.	-	W

Part code 20305

Table 13-6 Error codes (part code 20305)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20305	005013	An error occurred during Storage Navigator processing.	If the same problem persists despite retrying, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20305	005099	An error occurred during Storage Navigator processing.	If the same problem persists despite retrying, please call the Support Center.	E
20305	006011	An error occurred during Storage Navigator processing.	If the same problem persists despite retrying, please call the Support Center.	E
20305	006012	An error occurred during Storage Navigator processing.	If the same problem persists despite retrying, please call the Support Center.	E
20305	006023	An error occurred during Storage Navigator processing.	If the same problem persists despite retrying, please call the Support Center.	E
20305	006036	An error occurred during Storage Navigator processing.	If the same problem persists despite retrying, please call the Support Center.	E
20305	007060	An error occurred during Storage Navigator processing.	If the same problem persists despite retrying, please call the Support Center.	E
20305	007310	An error occurred during Storage Navigator processing.	If the same problem persists despite retrying, please call the Support Center.	E
20305	008000	An error occurred during Storage Navigator processing.	If the same problem persists despite retrying, please call the Support Center.	E
20305	008001	A communication time-out error occurred.	If the same problem persists despite retrying, please call the Support Center.	E
20305	008100	An error occurred while connecting to the storage system.	If the same problem persists despite retrying, please call the Support Center.	E
20305	076500	The selected MP unit is not mounted.	Verify the configuration, and then select a mounted MP unit.	W
20305	076501	The selected MP unit is blocked.	Recover the blocked MP unit, and then retry the operation.	W
20305	078000	The selected MP unit is not mounted.	Verify the configuration, and then select a mounted MP unit.	W
20305	078001	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
20305	078002	An error occurred during Storage Navigator processing.	If this problem persists, contact the Hitachi Data Systems Support Center.	E

Part code 20322

Table 13-7 Error codes (part code 20322)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20322	107001	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E

Part code 20422

Table 13-8 Error codes (part code 20422)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20422	105241	The operation can not be performed due to one of the following reasons: • The Dynamic Tiering function is not enabled. • The shared memory for the Dynamic Tiering function is not installed.	Enable the multi tier pool. Or if you want to use the Dynamic Tiering function, contact the Hitachi Data Systems Support Center.	W
20422	105242	The operation can not be performed due to one of the following reasons: • The Dynamic Tiering function is not enabled. • The shared memory for the Dynamic Tiering function is not installed.	Enable the multi tier pool. Or if you want to use the Dynamic Tiering function, contact the Hitachi Data Systems Support Center.	W
20422	105243	There is no pool information.	Check the status of the pool.	W
20422	105244	There is no V-VOL information.	Check the status of the V-VOL.	W
20422	105247	There is no pool or V-VOL information.	Check the status of the pool or the V-VOL.	W
20422	105486	The operation cannot be performed because the Dynamic Tiering function is not enabled.	Enable the Dynamic Tiering function for the specified pool or the pool to which the specified V-VOL belongs.	W
20422	106076	The specified monitoring period cannot be set.	Set the interval between the start and finish time to more than one hour, then retry the operation.	W
20422	106077	Four or more drive types cannot be added to the specified pool.	Check the support configuration of pools, then retry the operation.	W
20422	106080	A volume of different RAID level cannot be specified in the same drive type.	Check the support configuration of pools, then retry the operation.	W
20422	106110	The current monitoring data will be deleted due to one of the following reasons. Do you want to continue? • The tier management is changed from Auto to Manual. • The monitoring mode is changed	To continue, click [OK]. Otherwise, click [Cancel].	W
20422	107001	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20422	107002	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E

Part code 20520

Table 13-9 Error codes (part code 20520)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20520	107001	Failed to create a report.	Check the environment.	E
20520	107002	Failed to create a report.	Check the environment.	E
20520	107003	Failed to create a report.	Check the environment.	E
20520	107004	Failed to read the log preference.	Check the environment.	E
20520	107005	The parameter is specified incorrectly.	Specify a correct value.	E
20520	107006	Failed to read the preference.	Check the environment.	E
20520	107007	There is no report to be created.	Check the environment.	E
20520	107008	There is no input directory.	Check the environment.	E
20520	107009	The contents of csv file are incorrect.	Check the csv file.	E
20520	107010	Failed to create a report.	If this problem persists, please call the Support Center.	E
20520	107011	Failed to create a report.	Check the environment.	E
20520	107012	Failed to create a report.	Check the environment.	E
20520	107013	Failed to create a report.	Check the environment.	E
20520	107014	Failed to create a report.	Check the environment.	E
20520	107015	Failed to create a report.	Check the environment.	E
20520	107016	Failed to create a report.	Check the environment.	E
20520	107017	Failed to create a report.	Check the environment.	E
20520	107018	Failed to create a report.	Check the environment.	E
20520	107019	Failed to create a report.	Check the environment.	E
20520	107100	Succeeded to create a report file.	Click [OK].	i
20520	107107	Failed to create a report file.	Check the environment.	W
20520	109001	Succeeded to create a report.	Click [OK].	i

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20520	109002	Succeeded to create a report except for a few report files.	Click [OK].	W

Part code 20522

Table 13-10 Error codes (part code 20522)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20522	105268	Failed to delete the report.	The specified report has already been deleted or is in use. Retry the operation. If the same problem occurs again, once switch the dialog window to another, or click [Refresh], then retry. If the same problem persists despite retrying, please call the Support Center.	W
20522	105269	Failed to create a report.	If the problem persists despite retrying, please call the Support Center.	W
20522	105282	A report cannot be created any more because the number of reports that can be created has reached the maximum.	Delete unnecessary reports, then retry the operation.	W
20522	105310	You do not have permission to access the specified report.	Log out, and then log back in with access to the report or with Storage Administrator (Initial Configuration) access.	W

Part code 20525

Table 13-11 Error codes (part code 20525)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20525	107001	The specified report does not exist.	Specify the correct name or ID of the report.	W
20525	107002	You do not have permission to execute the specified command.	Log off and then log back on with the user who has the required permission, and then retry the operation.	W
20525	107003	The specified parameters are incorrect.	Specify the correct parameters.	W
20525	107004	An internal logic error occurred.	If this problem persists, contact the Hitachi Data Systems Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20525	107005	No more reports can be made.	Delete unnecessary reports, and then retry the operation.	W
20525	107006	Failed to get a list of reports.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
20525	107007	The current software version does not support the specified command.	Verify the Storage Navigator software version.	W
20525	107008	The specified function is not available because the necessary program product is not installed.	Install the necessary program product.	W
20525	107009	You do not have permission to perform operations on the specified resources.	Verify the resource groups that are allocated to user groups.	W
20525	107010	An internal logic error occurred.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
20525	107011	You do not need to delete the report because the number of created reports does not reach the maximum.	Verify the number of created reports.	W
20525	107012	There is no created report.	Display the list of reports and verify the status of the reports.	W
20525	107013	The specified report name is too long.	Specify the report name within 32 characters.	W
20525	107014	The specified report name is invalid.	Enter the report name within 32 alphanumeric characters and symbols except the following: \ / : , ; * ? " < > |	W
20525	107015	There is no downloadable report.	Display a list of reports and verify if there is any of reports that you created. When you download a report created by another user, you need to have permission to download it.	W
20525	107016	The specified report cannot be downloaded.	Display a list of reports and verify if the specified report is the one you created or not. When you download a report created by another user, you need to have permission to download it.	W
20525	107017	There is no deletable report.	Display a list of reports and verify if there is any of reports that you created. When you delete a report created by another user, you need to have permission to delete it.	W
20525	107018	The specified report cannot be deleted.	Display a list of reports and verify if the specified report is the one you created or not.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			When you delete a report created by another user, you need to have permission to delete it.	
20525	107019	The specified relocation log does not exist.	Specify a valid relocation log name.	W
20525	107020	There is no relocation log.	Display a list of relocation logs and verify their status.	W
20525	107021	The specified relocation log name exceeds 32 characters.	Specify a relocation log name with 32 characters or less.	W
20525	107022	The specified relocation log name is not valid.	Specify a relocation log name with 32 characters or less not including symbols in the following parentheses (\ / : , ; * ? " < > |).	W
20525	107023	The operation cannot be performed because a relocation log is being added.	Wait for a while, and then retry the operation.	W
20525	107024	The operation cannot be performed because a relocation log is being downloaded.	Wait for a while, and then retry the operation.	W
20525	107025	The operation cannot be performed because a relocation log is being deleted.	Wait for a while, and then retry the operation.	W
20525	107026	No more relocation logs can be added.	Delete an unnecessary relocation log, and then retry the operation.	W
20525	107027	There is no relocation log.	Add a relocation log, and then retry the operation.	W

Part code 20624

Table 13-12 Error codes (part code 20624)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20624	107000	Failed to login.	Specify a correct value.	W
20624	107001	An internal logic error occurred.	Verify the PCB type, and then retry the operation with the correct parameters.	E
20624	107002	Failed to access the system property.	Check the Java security policy.	E
20624	107003	An internal logic error occurred.	If this problem persists, please call the Support Center.	E
20624	107004	An error occurred while connecting to the session control server.	Verify the status of the session control server, and then retry.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20624	107005	An internal logic error occurred.	Verify the PCB type, and then retry the operation with the correct parameters.	E
20624	107006	Login cannot be performed because the load on the SVP is high. Restart the SVP. If this problem persists, contact the Hitachi Data Systems Support Center.	Restart the SVP. If this problem persists, contact the Hitachi Data Systems Support Center.	E
20624	107007	Logout cannot be performed because the load on the SVP is high. Restart the SVP. If this problem persists, contact the Hitachi Data Systems Support Center.	Restart the SVP. If this problem persists, contact the Hitachi Data Systems Support Center.	E

Part code 20705

Table 13-13 Error codes (part code 20705)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20705	002015	An error occurred while communicating with the storage system.	If the same problem persists despite retrying, please call the Support Center.	E
20705	005013	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
20705	005099	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
20705	005827	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
20705	005828	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
20705	006012	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
20705	006022	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
20705	006533	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
20705	006537	The setting process has not been executed because there is no error in this setting, but an error in the others settings.	Check the error factor in the others settings.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20705	008000	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
20705	008102	This function is not supported.	Check whether the DKCMAIN firmware version and the Storage Navigator software version are mismatched.	W
20705	008966	An error occurred on the DKC side.	If this problem persists, please call the Support Center.	E
20705	065740	The configuration changing processes are conflicting at DKC.	Check if the configuration changing process by the Command Control Interface, the Volume Migration, or the Quick Restore is not in operation, and then retry the operation.	W
20705	072124	The specified operation type is not supported.	Specify an operation type that is supported.	W
20705	075101	An error occurred during Storage Navigator processing.	If this problem persists, please call the Support Center.	E
20705	076101	The number of requests exceeds the maximum number that can be processed.	Reduce the number of requests, and then retry the operation.	E
20705	076102	An incorrect ResourceGroupID was specified.	Specify the registered ResourceGroupID, and then retry the operation.	W
20705	076103	The specified ResourceGroupID has already been specified.	Release the duplicated settings, and then retry the operation.	W
20705	076104	The number of characters for resource group name should be from 1 to 32.	Correct the number of characters to be within the range.	W
20705	076105	Invalid characters are used in the specified resource group name. \/:,;*?"<>| and any spaces on the beginning and ending of the name cannot be used.	Delete the characters that cannot be used.	W
20705	076106	The specified resource group name is already registered.	Specify another resource group name.	W
20705	076107	The specified number of resources has reached the upper limit.	Reduce the number of resources to be specified, then retry the operation.	W
20705	076108	The resource to be migrated is not specified.	Select a resource, and then retry the operation.	W
20705	076109	The LDKC, CU, and LDEV are not set within the available range.	Verify the settings of the specified LDKC, CU, and LDEV.	W
20705	076110	The specified resource is already used.	Release the duplicated settings, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20705	076111	The parity group ID is not set within the available range.	Check the setting of the specified parity group ID.	W
20705	076112	The specified parity group is not mounted.	Check the specified parity group ID.	W
20705	076113	The specified resource is already used.	Release the duplicated settings, and then retry the operation.	W
20705	076114	Invalid port number.	Check the setting of the port number.	W
20705	076115	The specified resource is already used.	Release the duplicated settings, and then retry the operation.	W
20705	076116	The host group ID is not set within the available range.	Check the setting of the specified host group ID.	W
20705	076117	The specified resource is already used.	Release the duplicated settings, and then retry the operation.	W
20705	076118	The specified LDEVs cannot be migrated because they are a part of a Pool-VOL.	Specify all LDEVs if you want to migrate LDEVs that belong to a Pool-VOL.	W
20705	076121	The specified LDEVs cannot be migrated because they are a part of a journal group.	Specify all LDEVs if you want to migrate LDEVs that belong to a journal group.	W
20705	076122	The specified parity groups cannot be migrated because they are registered as a part of a RAID Group.	Specify all parity groups if you want to migrate parity groups registered in a RAID Group.	W
20705	076123	Migration of resources that belong to different resource groups cannot be done.	A part of specified resources might be migrated. Verify the configuration of the resource group to which the resources belong, and then retry the operation to migrate the resources that belong to one resource group.	W
20705	076126	The LUSE value of the specified virtual LDEV is invalid.	Check the LUSE setting of the specified virtual LDEV.	W
20705	076127	The specified emulation type cannot be used.	Check the setting of the specified emulation type.	W
20705	077101	Any of the virtual storage system number, resource group number, or resource group name is not valid.	Verify the settings.	W
20705	077102	The specified resource group name has already been specified.	Release the duplicated settings, and then retry the operation.	W
20705	077103	The specified resource group does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20705	077104	A resource group cannot be deleted because resources are included in the specified resource group.	Release all the resources in the specified resource group, then retry the operation.	W
20705	077106	A resource group is not specified or the number of resource groups that can be specified at a time exceeds the maximum.	Adjust the number of resource groups to be within the range of 1 to 1024, and then retry the operation.	W
20705	077108	The resources on which LU paths are set cannot be added to or removed from the resource group whose virtual mode is set to ON.	Select resources on which LU paths are not set.	W
20705	077109	The specified resource cannot be set because the resource belongs to a resource group whose virtual mode is not set to ON.	Select a resource belonging to the resource group whose virtual mode is set to ON.	W
20705	077110	The specified virtual fiber address is invalid.	Check the setting of the specified virtual fibre address.	W
20705	077111	The channel package of the port to which the specified host group belongs is not supported.	Check the setting of the specified port.	W
20705	077112	Two or more resource groups are specified.	Set the resource in the same resource group.	W
20705	077113	The resources on which LU paths are set cannot be added to or removed from the resource group whose virtual mode is set to ON.	Select resources on which LU paths are not set.	W
20705	077114	The specified resource is already used.	Release the duplicated settings, and then retry the operation.	W
20705	077115	The value of SSID is not set within the available range.	Check the value of the specified SSID.	W
20705	077116	The specified Virtual Storage Machine does not exist.	Verify the settings.	W
20705	077117	There is a locked resource in the specified resource group.	Unlock the resource, and then retry the operation.	W
20705	077118	The number of Virtual Storage Machines exceeds the maximum that can be registered.	Delete unnecessary Virtual Storage Machines, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W
20705	077119	The specified model is not supported.	Specify a model that is supported.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20705	077120	The operation cannot be performed because the specified combination is already used by a different Virtual Storage Machine.	Specify a different model or serial number, and then retry the operation.	W
20705	077121	The operation cannot be performed because the specified LDEV IDs include an LDEV ID that belongs to a different virtual storage machine.	Specify LDEV IDs that belong to the same virtual storage machine, and then retry the operation.	W
20705	077122	The device name or the virtual LDEV information is not set for the specified LDEV ID.	Verify the LDEV ID, set the device name or the virtual LDEV information, and then retry the operation.	W
20705	077123	The device name or the virtual LDEV information is set for the specified LDEV ID.	Verify the LDEV ID, delete the device name or the virtual LDEV information, and then retry the operation.	W
20705	077125	The operation cannot be performed because the global storage virtualization function is not enabled.	Enable the global storage virtualization function, and then retry the operation.	W
20705	077126	The operation cannot be performed because the specified LDEV belongs to the Virtual Storage Machine number 0.	Change the Virtual Storage Machine number, and then retry the operation.	W
20705	077127	The operation cannot be performed because the specified LDEV belongs to other than the Virtual Storage Machine number 0.	Change the Virtual Storage Machine number, and then retry the operation.	W
20705	077128	The operation cannot be performed because the LDEV ID and the virtual LDEV ID do not match.	Specify the same virtual LDEV ID as the LDEV ID, and then retry the operation.	W
20705	077129	The operation cannot be performed because the LDEV ID and the virtual LDEV ID match.	Specify a virtual LDEV ID that is different from the LDEV ID, and then retry the operation.	W
20705	077130	The operation cannot be performed because the LDEV ID and the virtual LDEV ID do not match.	Specify the same virtual LDEV ID as the LDEV ID, and then retry the operation.	W
20705	077131	The operation cannot be performed because the specified LDEV is used by a global-active device pair.	Delete the Global Active Device pair, and then retry the operation.	W
20705	077132	The operation cannot be performed because the specified LDEV is used by a Volume Migration pair.	Delete the Volume Migration pair, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20705	077133	The operation cannot be performed because the Virtual Attribute is GAD Reserved.	Set the attribute to Normal, and then retry the operation.	W
20705	077134	The operation cannot be performed because the Virtual Attribute is not Normal.	Set the attribute to Normal, and then retry the operation.	W
20705	077135	The operation cannot be performed because the host I/O operation is performed for the specified LDEV ID.	Wait for a while, and then retry the operation.	W
20705	077136	The operation cannot be performed because an LDEV is assigned to the specified LDEV ID.	Verify the settings.	W
20705	077137	Host groups and LDEVs or iSCSI targets and LDEVs, to which LU paths are set, cannot be migrated to different virtual storage machines.	Release the LU path setting of the selected host groups or iSCSI targets, and then retry the operation.	W
20705	077138	LDEVs, to which device names or virtual LDEV information is set, cannot be migrated between resource groups of different Virtual Storage Machines.	Verify the settings.	W
20705	077139	The operation cannot be performed because the resource lock of Resource Group ID 0 is not set.	Set the resource lock of Resource Group ID 0, and then retry the operation.	W
20705	077144	This function is not available. Resource Partition Manager is required.	Install the necessary program product license key.	W
20705	077146	No more resource groups can be deleted because no resource group remains on the virtual storage machine.	To delete all resource groups on the virtual storage machine, delete the virtual storage machine itself.	W
20705	077147	The operation cannot be performed because the specified LDEV is used by a TrueCopy pair.	Delete the TrueCopy pair, and then retry the operation.	W
20705	077148	The operation cannot be performed because the specified LDEV is used by a Universal Replicator pair.	Delete the Universal Replicator pair, and then retry the operation.	W
20705	077149	The operation cannot be performed because LU paths are set to the specified LDEV ID.	Specify an LDEV ID to which LU paths are not set.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20705	077150	The specified virtual LDEV ID is already used.	Specify a different virtual LDEV ID, and then retry the operation.	W
20705	077151	The operation cannot be performed because the specified LDEV is used as a journal volume.	Release the journal volume setting, and then retry the operation.	W
20705	077152	The specified serial number or the controller ID is invalid.	Verify the settings.	W
20705	077153	Quorum disks are included in the items to be maintained.	Release the quorum disks, and then retry the operation.	W
20705	077154	The operation cannot be performed because the volume with the specified LDEV ID is an LDEV with the ALU attribute.	Delete the volume with the specified LDEV ID, or specify a different LDEV ID.	W
20705	077155	The operation cannot be performed because the volume with the specified LDEV ID is an LDEV with the SLU attribute.	Delete the volume with the specified LDEV ID, or specify a different LDEV ID.	W
20705	077160	Virtual Configuration (Emulation Type, CVS Settings, Number of Concatenated LDEVs, and SSID) cannot be set to the specified LDEVs that belong to the virtual storage machine.	Select Not Set for Virtual Configuration.	W
20705	077161	The S-VOL attribute cannot be assigned to the specified LDEVs that belong to the virtual storage machine.	Verify the specified LDEV settings.	W
20705	078065	The operation cannot be performed because the storage system is in internal process, or the configuration is being changed by a different operation.	Wait for a while, and then retry the operation.	W
20705	208396	The operation cannot be performed, because the following LDEVs do not belong to the same resource group: • Pool volumes of pools for which the deduplication setting is enabled • Deduplication system data volumes that are associated with pools for which the deduplication setting is enabled	Verify the settings, and then retry the operation.	W

Part code 20721

Table 13-14 Error codes (part code 20721)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20721	105001	No table rows are selected.	Select one or more table rows.	W
20721	105003	No table row, or two or more table rows are selected.	Select one table row.	W
20721	105007	No table row is selected.	Select one table row.	W
20721	109001	Are you sure you want to remove the selected row(s)?	To continue, click [OK]. Otherwise, click [Cancel].	W

Part code 20722

Table 13-15 Error codes (part code 20722)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20722	105283	"meta_resource" cannot be specified to the resource group name.	Specify another resource group name.	W
20722	105284	The specified resource group name is already used or reserved.	Specify another resource group name.	W
20722	105285	No more resource groups can be created.	Delete unnecessary resource groups, then retry the operation.	W
20722	105286	No more resource groups can be created.	Delete unnecessary resource groups, then retry the operation.	W
20722	105287	The resource group name has not been changed.	Specify another resource group name.	W
20722	105288	There are no resources that can be added.	Delete unnecessary resources in other resource groups, and then retry the operation.	W
20722	105289	There are no resources that can be added.	Delete unnecessary resources in other resource groups, and then retry the operation.	W
20722	105290	A resource group cannot be deleted because resources are included in the specified resource group.	Release all the resources in the specified resource group, then retry the operation.	W
20722	105291	meta_resource cannot be deleted.	Specify another resource group.	W
20722	105292	meta_resource cannot be edited.	Specify another resource group.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20722	105293	Resources cannot be added to meta_resource.	Specify another resource group.	W
20722	105294	Resources cannot be deleted from meta_resource.	Specify another resource group.	W
20722	105295	An error occurred during the resource addition. Although the resource group was created, the resource was not added.	Perform the resource addition.	W
20722	105303	The specified resource group does not exist in the configuration.	Execute refresh.	E
20722	105311	You cannot delete the resource group that has been assigned to a user group.	Release the resource group that has been assigned to the user group where the "All Resource Groups Assigned" is set to "No", and then retry the operation.	W
20722	105315	You cannot create a resource group because an unregistered resource group has been assigned to the user group.	Release the unregistered resource group that has been assigned to the user group where the "All Resource Groups Assigned" is set to "No", and then retry the operation.	W
20722	106039	An error occurred.	Check the details of the error from the following error code list.	E
20722	106109	The setting process has not been executed because there is no error in this setting, but an error in another setting.	Verify the error factor in another setting and then retry the operation.	W
20722	107001	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
20722	107002	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
20722	107003	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
20722	107004	The processing cannot continue due to an internal logic contradiction.	Retry the operation. If the same problem occurs again, close the windows, refresh it, then retry again. If the same problem persists despite retrying, please call the Support Center.	E
20722	107005	The processing cannot continue due to an internal logic contradiction.	Retry the operation. If the same problem occurs again, close the windows, refresh it, then retry again. If the same problem persists despite retrying, please call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20722	205059	The selected LDEV cannot be deleted because it belongs to a virtual storage machine other than that of meta_resource and a virtual LDEV ID is defined to it.	Release the definition of the virtual LDEV ID of the selected LDEV, and then retry the operation.	W
20722	205061	The selected host group or iSCSI target cannot be deleted because it belongs to a virtual storage machine other than that of meta_resource and an LUN path is set to it.	Delete the LUN path setting of the selected host group or iSCSI target, and then retry the operation.	W
20722	205062	There are no resources that can be added.	Delete unnecessary resources in other resource groups, or set the resource so as to be added to a different virtual storage machine, and then retry the operation.	W
20722	205063	The selected LDEV cannot be deleted because it belongs to a virtual storage machine other than that of meta_resource and a virtual LDEV ID is defined to it.	Release the definition of the virtual LDEV ID of the selected LDEV, and then retry the operation.	W
20722	205064	The selected LDEV cannot be deleted because it belongs to a virtual storage machine other than that of meta_resource and an LUN path is set to it.	Delete the LUN path setting of the selected LDEV, and then retry the operation.	W
20722	205066	The resource groups that belong to different virtual storage machines cannot be deleted at the same time.	Select resource groups that belong to the same virtual storage machine.	W
20722	205067	The resource groups that belong to different virtual storage machines cannot be deleted at the same time.	Select resource groups that belong to the same virtual storage machine.	W
20722	205097	The operation cannot be performed because a virtual LDEV ID is set on the selected LDEV.	Select an LDEV on which no virtual LDEV ID is set, and then retry the operation.	W
20722	205098	The operation cannot be performed because a virtual LDEV ID is set on the selected LDEV.	Select an LDEV on which no virtual LDEV ID is set, and then retry the operation.	W
20722	205099	The operation cannot be performed because the virtual attribute of the selected LDEV is GAD Reserved.	Select an LDEV whose virtual attribute is not GAD Reserved, and then retry the operation.	W
20722	205100	The operation cannot be performed because the virtual	Select an LDEV whose virtual attribute is not GAD Reserved, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		attribute of the selected LDEV is GAD Reserved.		
20722	205101	The operation cannot be performed because the virtual attribute of the selected LDEV is GAD Reserved.	Select an LDEV whose virtual attribute is not GAD Reserved, and then retry the operation.	W
20722	205102	The operation cannot be performed because the virtual attribute of the selected LDEV is not GAD Reserved.	Select an LDEV whose virtual attribute is GAD Reserved, and then retry the operation.	W
20722	205103	The operation cannot be performed because the virtual attribute of the selected LDEV is not GAD Reserved.	Select an LDEV whose virtual attribute is GAD Reserved, and then retry the operation.	W
20722	205104	The operation cannot be performed because the selected LDEV is used by Data Migration.	Select an LDEV that is not used by Data Migration, and then retry the operation.	W
20722	205105	The operation cannot be performed because the selected LDEV is used by Data Migration.	Select an LDEV that is not used by Data Migration, and then retry the operation.	W
20722	205106	The operation cannot be performed because the selected LDEV is used by Data Migration.	Select an LDEV that is not used by Data Migration, and then retry the operation.	W
20722	205107	This function is not available. Resource Partition Manager is required.	Install the required program product.	W
20722	205109	The operation cannot be performed because the selected LDEV is used as an intermediate volume.	Select an LDEV that is not used as an intermediate volume, and then retry the operation.	W
20722	205110	The operation cannot be performed because a LUN path is set to the selected LDEV.	Select an LDEV to which no LUN path is set, and then retry the operation.	W
20722	205111	The operation cannot be performed because the selected LDEV is used as a journal volume.	Select an LDEV that is not used as a journal volume, and then retry the operation.	W
20722	205112	The operation cannot be performed because the selected LDEV is used as a quorum disk.	Select an LDEV that is not used as a quorum disk, and then retry the operation.	W
20722	205113	The operation cannot be performed for the combination of selected LDEVs.	Select LDEVs of the valid combination or change the settings of Virtual ID and Virtual Configuration so as to enable the operation, and then retry the operation.	W
20722	205120	There are (*xxx*) LDEVs on which a virtual LDEV ID cannot be set.	Verify the initial number and the interval setting of the virtual LDEV ID.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20722	205168	The operation cannot be performed because the selected resource group is "NAS_Platform_System_RSG" with resource group ID 1023.	Specify a resource group other than "NAS_Platform_System_RSG" with resource group ID 1023, and then retry the operation.	W
20722	205169	"NAS_Platform_System_RSG" with resource group ID 1023 can be operated only by the service engineer.	-	W
20722	205170	The operation cannot be performed because the selected LDEVs belong to "NAS_Platform_System_RSG" with resource group ID 1023.	Move the selected LDEVs to a different resource group from "NAS_Platform_System_RSG" with resource group ID 1023, and then retry the operation.	W
20722	205171	The operation cannot be performed because the selected resource group is "NAS_Platform_System_RSG" with resource group ID 1023.	Specify a resource group other than "NAS_Platform_System_RSG" with resource group ID 1023, and then retry the operation.	W
20722	205172	"NAS_Platform_System_RSG" with resource group ID 1023 can be operated only by the service engineer.	-	W
20722	205173	The operation cannot be performed because the selected LDEVs belong to "NAS_Platform_System_RSG" with resource group ID 1023.	Move the selected LDEVs to a different resource group from "NAS_Platform_System_RSG" with resource group ID 1023, and then retry the operation.	W
20722	205174	"NAS_Platform_System_RSG" with resource group ID 1023 can be operated only by the service engineer.	-	W
20722	205175	The operation cannot be performed, because the following LDEVs do not belong to the same resource group: • The pool volumes of a pool for which the deduplication setting is enabled • A deduplication system data volume that is associated with a pool for which the deduplication setting is enabled	Verify the settings.	W

Part code 20825

Table 13-16 Error codes (part code 20825)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20825	107001	An internal logic error occurred.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
20825	107002	An internal logic error occurred.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
20825	107003	An internal logic error occurred.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
20825	107004	The specified command is invalid.	Enter the correct command.	W
20825	107005	The user session is not effective.	Log on again.	W
20825	107006	Storage Navigator is busy.	Wait for a while, and then retry the operation.	W
20825	107007	An internal logic error occurred.	If this problem persists, contact the Hitachi Data Systems Support Center.	E
20825	107008	The specified command is invalid.	Enter the correct command.	W
20825	107009	Failed to download the specified file.	If this problem persists, contact the Hitachi Data Systems Support Center.	E

Part code 20921

Table 13-17 Error codes (part code 20921)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20921	105001	No table rows are selected.	Select one or more table rows.	W
20921	105009	The name of the new snapshot group is identical to one of the existing snapshot groups.	Enter a different snapshot group, or select one from the snapshot groups that are already defined.	W
20921	109211	The CLPRs of the primary and secondary volumes are different. Do you want to continue this operation?	To continue, click [OK]. Otherwise, click [Cancel].	W
20921	109212	When you return to the top window, the latest status may not be displayed.	If you want to view the latest status, click the Refresh View button on the top window.	i
20921	109213	Some of the specified pairs do not exist in the configuration. The window only displays the existing pairs.	If you want to view the latest status, close this window and click the Refresh View button on the top window.	i

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20921	205001	The password is invalid.	Verify the password, and then retry the operation.	W
20921	205002	No LDEVs are selected.	Select one or more table rows.	W
20921	205003	No snapshot groups are selected.	Select one or more table rows.	W
20921	205004	Two or more snapshot groups are selected.	Select one table row.	W
20921	209008	Are you sure you want to initialize all of the ShadowImage, Volume Migration, and Thin Image pairs?	To continue, click [OK].	W

Part code 20922

Table 13-18 Error codes (part code 20922)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20922	105223	No table row, or two or more table rows are selected.	Select one table row.	W
20922	105225	No table rows are selected.	Select one or more table rows.	W
20922	105442	This functionality is not available because there is no ShadowImage program product installed.	Install the necessary program product.	W
20922	105472	The form of Snapshot Group is wrong.	Enter a name within 32 characters using alphanumeric characters and the following symbols: , - . / : @ \ _	W
20922	105474	This functionality is not available because there is no Dynamic Provisioning or Thin Image program product installed.	Install the necessary program product.	W
20922	105475	The name of the new snapshot group is identical to one of the existing snapshot groups.	Enter a different snapshot group, or select one from the snapshot groups that are already defined.	W
20922	105488	The specified number of pairs exceeds the maximum that can be operated at a time.	Up to 32,768 pairs can be operated at a time. Retry the operation in several batches.	W
20922	105490	When a pair volume is set as a secondary volume, multiple rows cannot be set at the same time.	Select one each from the Available LDEVs table and the Selected Pairs table, and then click [Set].	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20922	106113	The operation cannot be done because there is no volume available for pair creation.	Verify if there is any volume that can be used to create a pair or not.	W
20922	106114	The operation cannot be performed because the selected pairs have different copy types.	Verify the copy type of the selected pairs, and then retry the operation.	W
20922	106116	A pool is not selected for the selected LDEV.	Select a pool at [Select Pool].	W
20922	106117	The configuration information may have been changed.	Retry the operation. If the same problem occurs again, close the windows, refresh it, then retry again. If the same problem persists despite retrying, please call the Support Center.	W
20922	106118	The input value is incorrect.	Enter a correct value.	W
20922	106119	There is no primary volume that can be used to create a pair.	Verify the configuration of the pair that is created already and the contents of the selected items.	W
20922	106120	The Mirror Unit of a pair that is already created cannot be changed.	Select a pair to be created.	W
20922	106121	No more pairs can be created because the number of created pairs has reached the maximum.	Verify the device configuration of the storage system.	W
20922	106123	The setting cannot be done because too many LDEVs are selected.	Reduce the number of LDEVs, and then retry the operation.	W
20922	106124	The setting cannot be done because the number of pairs shown under the selected row is few at the [Selected Pairs] table.	Reduce the number of LDEVs, and then retry the operation.	W
20922	106126	No LDEV is added to the [Selected LDEVs] table.	Add some LDEVs to the table, and then retry the operation.	W
20922	106127	The number of available secondary volumes is not enough for the number of selected primary volumes.	Verify whether there are volumes that can be used to create a pair in the configuration.	W
20922	106128	The setting cannot be done because the number of selected LDEVs exceeds the number that can be set.	Reduce the number of LDEVs, and then retry the operation.	W
20922	106129	The selected number of rows does not match between [Available LDEVs] table and [Selected Pairs] table.	Reduce the number of LDEVs, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20922	106130	The capacity of the selected LDEV does not match with that of selected pair.	Select an LDEV that has the same capacity with that of selected pair.	W
20922	106132	The pair cannot be set because the secondary volume is already set to the selected pair.	Release the secondary volume setting, and then retry the operation.	W
20922	106133	The selected pair cannot be edited because the L2 pair is already set to the selected pair.	Verify the setting contents of the selected pair.	W
20922	106134	The selected pair cannot be edited because the Mirror Unit is already fixed.	Verify the setting of the selected pair.	W
20922	106135	A pair, whose setting is not completed, remains in the [Selected Pairs] table.	Complete the settings for all the pairs, and then retry the operation.	W
20922	106136	The selected volume cannot be displayed because the setting is not yet completed.	Select a pair where the setting is completed.	W
20922	106137	The selected LDEV can not be set because the L2 configuration of pair is already fixed.	Verify the setting of the selected pair.	W
20922	106141	The operation cannot be performed because the status of the selected pair is incorrect.	Verify the status of the selected pair, and then retry the operation.	W
20922	106142	The Thin Image pair cannot be suspended.	Verify the copy type of the selected pairs, and then retry the operation.	W
20922	106143	The operation cannot be performed because the selected pairs have different copy types.	Verify the copy type of the selected pairs, and then retry the operation.	W
20922	106144	The specified pair cannot be used because the user has no permission to access a resource group to which a primary volume of the specified pair belongs.	Verify the resources allocation for the user who is assigned with the security administrator role.	W
20922	106147	The operation cannot be performed because the status of the selected pair is incorrect.	Verify the status of the selected pair, and then retry the operation.	W
20922	106151	The pool volume of the selected Thin Image pair belongs to a resource group that you do not have permission to access.	Log out, and then log back in with access to the resource group that contains the pool volume of the specified Thin Image.	W
20922	106154	No more pairs can be created because the number of created pairs has reached the maximum.	Verify the device configuration of the storage system.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20922	106155	The operation cannot be done because the status of L2 pair in the selected pair is incorrect.	Verify the status of the selected pair, and then retry. If this problem persists, refresh the window, and then retry.	W
20922	106156	The operation cannot be done because the status of L1 pair in the selected pair is incorrect.	Verify the status of the selected pair, and then retry. If this problem persists, refresh the window, and then retry.	W
20922	106157	The operation cannot be done because the status of a pair that shares a primary volume and is within the selected pairs is incorrect.	Verify the status of the selected pair, and then retry. If this problem persists, refresh the window, and then retry.	W
20922	106158	The operation cannot be done because the status of a pair within the selected pairs and in a cascade configuration is incorrect.	Verify the status of the selected pair, and then retry. If this problem persists, refresh the window, and then retry.	W
20922	106159	The setting cannot be done because the number of pairs to be created exceeds the maximum.	Reduce the number of pairs to be created or verify the device configuration of the storage system.	W
20922	106160	Multiple mirror units in one pair configuration cannot be edited at a time.	Select one table row.	W
20922	106166	No more snapshot groups can be registered because the number of snapshot groups will exceed the maximum.	Select a defined snapshot group from the Existing Snapshot Group.	W
20922	106167	A pair cannot be added to the specified snapshot group because the number of pairs in one snapshot group will exceed the maximum.	Delete pairs in the snapshot group, and then retry the operation. If there is no pairs of snapshot groups that can be deleted, select and set a different snapshot group.	W
20922	106170	The selected consistency group is not in the reserved status.	Verify the reservation status of the selected consistency group, and then retry the operation.	W
20922	106534	The specified pair does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	W
20922	107001	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
20922	107002	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
20922	107003	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20922	107004	The processing cannot continue due to an internal logic contradiction.	Retry the operation. If the same problem occurs again, close the windows, refresh it, then retry again. If the same problem persists despite retrying, please call the Support Center.	E
20922	107005	The processing cannot continue due to an internal logic contradiction.	Retry the operation. If the same problem occurs again, close the windows, refresh it, then retry again. If the same problem persists despite retrying, please call the Support Center.	E
20922	109026	The deleted items cannot be restored. To retry the operation, select the primary volume again in the Select Primary Volumes window. Are you sure you want to delete the selected rows?	To continue, click [OK]. Otherwise, click [Cancel].	W
20922	205022	The Window cannot be displayed because the selected pairs configuration has been changed.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	W
20922	205023	The password is invalid.	Verify the password, and then retry the operation.	W
20922	205082	No LDEVs are added in the [Selected Primary Volumes] table.	Add one or more LDEVs, and then retry the operation.	W
20922	205083	No more snapshot data can be added to the primary volume because the number of snapshot data exceeds the maximum.	Verify the number of the snapshot data.	W
20922	205084	Characters that are not numeric are entered into Number of Snapshot Data per Primary Volume.	Enter numeric characters only.	W
20922	205085	The value entered into Number of Snapshot Data per Primary Volume is outside the specified setting range.	Verify the settings.	W
20922	205087	It is required to enter an initial number if multiple snapshot groups are created.	Enter an initial number.	W
20922	205088	If the number of digits of a snapshot group name increases due to the combination of values specified for Initial Number and Number of Snapshot Data per Primary Volume, the snapshot group name cannot be assigned. If the same snapshot group name is already assigned to a different snapshot group, the	Increase the number of digits of the specified initial number (for example, 0 to 00 or 000), or reduce the specified number of snapshot data per primary volume.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		next snapshot group name in order is assigned.		
20922	205089	The number of the selected primary volumes exceeds the maximum.	Reduce the number of the selected primary volumes, and then retry the operation.	W
20922	205090	Multiple snapshot groups are selected.	Select one snapshot group.	W
20922	205091	The selected LDEV is not a primary volume of a Thin Image pair.	Verify the selected LDEV.	W
20922	205092	No LDEVs are assigned to the secondary volume.	Assign LDEVs.	W
20922	205093	Zero (0) cannot be specified for Number of Snapshot Groups.	Verify the settings.	W
20922	205121	33 or more primary volumes are selected.	Select 32 or less primary volumes, and then retry the operation.	W
20922	205132	The secondary volume of the selected pair cannot be removed because it does not exist.	Select a pair that has a secondary volume, and then retry the operation.	W
20922	205137	If the number of digits of a snapshot group name increases due to the combination of values specified for Initial Number and the number of primary volumes selected in the Available Primary Volumes table, the snapshot group name cannot be assigned. If the same snapshot group name is already assigned to a different snapshot group, the next snapshot group name in order is assigned.	Increase the number of digits of the specified initial number (for example, 0 to 00 or 000), or reduce the number of the selected primary volumes.	W
20922	205138	If the number of digits of a snapshot group name increases, the snapshot group name cannot be assigned. If the same snapshot group name is already assigned to a different snapshot group, the next snapshot group name in order is assigned.	Increase the number of digits of the specified initial number (for example, 0 to 00 or 000).	W
20922	205152	The selected pairs cannot be removed because they contain at least one pair whose secondary volume does not exist.	Select a pair that has a secondary volume on the TI Pairs window, and then retry the operation.	W
20922	205159	The operation cannot be performed because the total number of Thin Image pairs that	Verify the number of Thin Image pairs that share the selected primary volume.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		share the selected primary volume exceeds 32,768.		
20922	205160	The operation cannot be performed because the total number of Thin Image pairs in the selected snapshot group exceeds 32,768.	Verify the number of Thin Image pairs in the selected snapshot group.	W
20922	205161	The operation cannot be performed because the total number of Thin Image pairs that share the selected primary volume exceeds 32,768.	Verify the number of Thin Image pairs that share the selected primary volume.	W
20922	205162	The operation cannot be performed because the total number of Thin Image pairs in the selected snapshot group exceeds 32,768.	Verify the number of Thin Image pairs in the selected snapshot group.	W
20922	205186	Snapshot group names cannot be allocated to all specified snapshot groups because the number of characters for snapshot group names that are automatically generated from the characters entered in Prefix and Initial Number exceeds the maximum that can be used for a snapshot group name.	Verify the setting.	W
20922	206121	The pool volumes registered in the selected pool belong to a resource group that you do not have permission to access.	Log off, and then log back on with access to the resource group containing the pool volumes in the specified pool.	W
20922	206162	There is no available pool.	Verify the pool settings.	W
20922	206163	There is no LDEV that can be set for a primary volume.	Verify the LDEV settings.	W
20922	206164	There is no available snapshot group.	Verify the snapshot group settings.	W
20922	206165	There is no pair to which a secondary volume can be assigned.	Verify the pair settings.	W
20922	206166	There is no pair to which a secondary volume can be assigned.	Verify the pair settings.	W
20922	206167	There is no pair to which a secondary volume can be assigned.	Verify the pair settings.	W
20922	206168	There is no LDEV that can be assigned to a secondary volume.	Verify the LDEV settings.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
20922	206169	The selected LDEV is not a secondary volume of a ShadowImage pair.	Verify the selected LDEV.	W
20922	206296	The operation cannot be performed because the T10 PI settings of the specified secondary volumes differ from those of the primary volumes.	Select secondary volumes with the same T10 PI value as the primary volumes.	W
20922	206508	The specified pool does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	W
20922	207007	Pair information cannot be acquired.	Close the error dialog and wizard windows, click [Refresh], and then retry the operation. If this problem persists, contact the HSSC.	W
20922	209005	There is no LDEV that can be assigned to a secondary volume.	Click [OK].	W
20922	209006	The specified snapshot group name is already used. The next snapshot group name in order will be assigned to the snapshot group.	To continue, click [OK].	W
20922	209008	The data in the selected LDEV will not be recognized from the host. It might be required to unmount and then mount the LDEV from the host to recognize the data again. Do you want to continue this operation?	-	W

14

Message (part code group 21nnn)

This chapter includes the error messages with the part code 21021 to 21440.

- Part code 21021
- Part code 21022
- Part code 21122
- Part code 21322
- Part code 21440

Part code 21021

Table 14-1 Error codes (part code 21021)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
21021	105001	No table rows are selected.	Select one or more table rows.	W
21021	105003	No table row, or two or more table rows are selected.	Select one table row.	W
21021	105007	No table row is selected.	Select one table row.	W
21021	109001	Are you sure you want to remove the selected row(s)?	To continue, click [OK]. Otherwise, click [Cancel].	W
21021	209001	Pairs whose Initial Copy Type is "None" are included. Initial Copy is not performed for the pairs.	To continue, click [OK]. Otherwise, click [Cancel].	W
21021	209002	Some of the specified pairs do not exist in the configuration. The window only displays the existing pairs.	If you want to view the latest status, close this window and click the Refresh View button on the top window.	i
21021	209003	When you return to the top window, the latest status may not be displayed.	If you want to view the latest status, click the Refresh View button on the top window.	i
21021	209004	Through this operation, the volumes on this storage system will change to the SMPL status forcibly, but the statuses of the volumes on the other storage system will not change. Do you want to continue this operation?	To continue, click [OK]. Otherwise, click [Cancel].	W
21021	209005	Copying might not be complete because the specified pair is in the PSUS or PSUE status. Do you want to continue this operation?	To continue, click [OK]. Otherwise, click [Cancel].	W
21021	209008	Journal option information will be initialized if all of the assigned journal volumes are released.	To continue, click [OK]. Otherwise, click [Cancel].	W
21021	209010	Copying might not be complete because the specified pair is suspended. Do you want to continue this operation?	To continue, click [OK]. Otherwise, click [Cancel].	W
21021	209011	Copying might not be complete for pairs in the Suspend status, and the selected pairs will be deleted, depending on their status, with their settings changed as follows. • For the pairs in the Suspend status and whose I/O mode	To continue, click [OK]. Otherwise, click [Cancel].	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		is BLOCK, the Delete Mode setting will change to Force and the Volume Access setting will change to Disabled. • For the pairs in the Copy status, the Delete Mode setting will change to Force and the Volume Access setting for the primary volume and the secondary volume will change to Enable and Disable respectively. • For the pairs not in the Suspend or Copy status, the Delete Mode setting will change to Force and the Volume Access setting will change to Disabled. Do you want to continue this operation to delete the pairs?		
21021	209028	This operation will forcibly delete the selected GAD pairs. The volumes on the local storage system will be forcibly changed to the SMPL status, but the statuses of the volumes on the remote storage system will not be changed. The settings for the pairs in the COPY status will be changed to the following, and then the pairs will be deleted: • Volume Access for the primary volume is enabled. • Volume Access for the secondary volume is disabled. You can forcibly delete a pair only when the I/O mode of both the primary and secondary volumes is Block.If you want to forcibly delete a pair when the I/O mode is not Block, contact the Hitachi Data Systems Support Center. For details, see the online manual. Do you want to continue this operation?	To continue the processing, click OK.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
21021	209031	The setting for remote paths will be discarded. Do you want to continue this operation?	To continue, click [OK].	W

Part code 21022

Table 14-2 Error codes (part code 21022)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
21022	107001	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
21022	107002	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
21022	107003	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E
21022	107004	The processing cannot continue due to an internal logic contradiction.	Retry the operation. If the same problem occurs again, close the windows, refresh it, then retry again. If the same problem persists despite retrying, please call the Support Center.	E
21022	107005	The processing cannot continue due to an internal logic contradiction.	Retry the operation. If the same problem occurs again, close the windows, refresh it, then retry again. If the same problem persists despite retrying, please call the Support Center.	E
21022	205001	A pair cannot be created because any of the following program products is not installed: • TrueCopy • Universal Replicator	Install the necessary program product.	W
21022	205075	This function is not available. Universal Replicator or TrueCopy is required.	Install the necessary program product.	W
21022	205077	This function is not available. Global-active device is required.	Install the necessary program product.	W
21022	205078	A pair cannot be created because TrueCopy is not installed.	Install TrueCopy.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
21022	205079	A pair cannot be created because global-active device is not installed.	Install global-active device.	W
21022	205080	This function is not available. TrueCopy is required.	Install the necessary program product.	W
21022	205094	No more journals can be created because the number of created journals has reached the maximum.	Delete unnecessary journals, and then retry the operation.	W
21022	205095	No more journals can be created because the number of registered journals has reached the maximum.	Delete unnecessary journals, and then retry the operation.	W
21022	205175	The operation cannot be performed because the selected LDEVs belong to "NAS_Platform_System_RSG" with resource group ID 1023.	Move the selected LDEVs to a different resource group from "NAS_Platform_System_RSG" with resource group ID 1023, and then retry the operation.	W
21022	206001	The selected volume cannot be added because its CLPR is different from the CLPR of the added volume.	Select different volumes.	W
21022	206002	The selected volume cannot be added because its resource group is different from the resource group of the added volume.	Select different volumes.	W
21022	206004	The operation cannot be performed because the pair position of the selected pair is incorrect.	Verify the pair position of the selected pair, and then retry the operation.	W
21022	206005	The operation cannot be performed because the pair position of the selected pair is incorrect.	Verify the pair position of the selected pair, and then retry the operation.	W
21022	206006	The operation cannot be performed because the attribute of the selected mirror is incorrect.	Verify the attribute of the selected mirror, and then retry the operation.	W
21022	206007	The operation cannot be performed because the attribute of the selected mirror is incorrect.	Verify the attribute of the selected mirror, and then retry the operation.	W
21022	206013	The operation cannot be performed because the status of the selected pair is incorrect.	Verify the status of the selected pair, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
21022	206014	The operation cannot be performed because the status of the selected pair is incorrect.	Verify the status of the selected pair, and then retry the operation.	W
21022	206015	The operation cannot be performed because the status of the selected mirror is incorrect.	Verify the status of the selected mirror, and then retry the operation.	W
21022	206016	The operation cannot be performed because the status of the selected mirror is incorrect.	Verify the status of the selected mirror, and then retry the operation.	W
21022	206017	The operation cannot be performed because the attribute of the selected journal is incorrect.	Verify the attribute of the selected journal, and then retry the operation.	W
21022	206018	The operation cannot be performed because the attribute of the selected journal is incorrect.	Verify the attribute of the selected journal, and then retry the operation.	W
21022	206020	No more remote connections can be added because the number of remote connections has reached the maximum.	Remove unnecessary remote connections, and then retry the operation.	W
21022	206021	The operation cannot be performed because there is no local port ID available to set.	Verify the type and attribute of the port, and then retry the operation.	W
21022	206022	Remote connections are not set.	Verify the remote connection condition.	W
21022	206023	The status of the port where the LUN is set is incorrect.	Verify the port status or attribute.	W
21022	206024	There is no journal.	Create a journal, and then retry the operation.	W
21022	206025	The operation cannot be done because there is no volume available for pair creation.	Verify if there is any volume that can be used to create a pair or not.	W
21022	206026	No more pairs can be created because the number of created pairs has reached the maximum.	Verify the device configuration of the storage system.	W
21022	206027	No more pairs can be created because the number of created pairs has reached the maximum in the selected journal.	Remove unnecessary pairs from the Selected Pairs table or delete unnecessary pairs with the Delete Pairs menu of Remote Replication, and then retry the operation. If volumes that are not used in a pair are specified, change the master journal.	W
21022	206029	No more pairs can be created because the number of registered pairs has reached the maximum in the selected CTG.	Verify the number of pairs in the specified CTG or select a different CTG.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
21022	206033	Delta cannot be specified as an initial copy type in the selected journal status.	Verify the journal status or select an initial copy type other than Delta.	W
21022	206034	Only Delta can be specified as an initial copy type in the selected journal status.	Verify the journal status or select Delta as an initial copy type.	W
21022	206037	The selected mirror contains pairs with a different remote storage system or a different path group ID.	Perform one of the following operations, and then retry the operation. • If unpaired LDEVs are selected, select the same remote storage system and path group ID, or select a different master journal value or mirror ID. • If paired LDEVs are selected, select the same remote storage system and path group ID.	W
21022	206038	The operation cannot be performed because the remote storage system (RCU) of the pairs is different.	Select pairs with the same remote storage system set (RCU).	W
21022	206040	No more remote path can be removed from the selected remote connection because the number of remote paths set to the remote connection is the same as the minimum number of paths.	Add a remote path or reduce the minimum number of paths, and then retry the operation.	W
21022	206041	The ports that are registered to the selected remote connection belong to a resource group that you do not have permission to access.	Log off, and then log back on with access to the resource group containing the local ports of the selected remote connection.	W
21022	206045	The specified volume is used by a TrueCopy pair.	If you want to delete the pair, use the Delete Pairs function of remote replication.	W
21022	206046	The specified volume is used by a Universal Replicator pair.	If you want to delete the pair, use the Delete Pairs function of remote replication.	W
21022	206047	There is no volume that can be set as a journal volume.	Verify whether there is a volume that can be set as a journal volume, and then retry the operation.	W
21022	206048	Journals cannot be created because there is no free journal ID.	Remove unnecessary journals, and then retry the operation.	W
21022	206049	Volumes cannot be added to or removed from the selected journal.	Verify the journal status.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
21022	206050	The operation cannot be performed because the status of the selected mirror is incorrect.	Verify the status of the selected mirror, and then retry the operation.	W
21022	206051	Volumes cannot be removed from the selected journal and there is no volume that can be set as a journal volume.	If you want to remove a journal volume, verify the journal status. If you want to add a journal volume, verify whether there is a volume that can be set as a journal volume, and then retry the operation.	W
21022	206052	The journal volume of the selected journal belongs to a resource group that you do not have permission to access.	Log off, and then log back on with access to the resource group containing the journal volume of the selected journal.	W
21022	206055	No more remote path can be added to the selected remote connection because the number of remote paths has reached the maximum.	Remove unnecessary remote paths, and then retry the operation.	W
21022	206057	There is no volume that can be set as a journal volume.	Verify whether there is a volume that can be set as a journal volume, and then retry the operation.	W
21022	206058	No more remote path can be added to the specified connection because the number of remote paths has reached the maximum.	Remove unnecessary remote paths, and then retry the operation.	W
21022	206059	No more remote path can be removed from the selected remote connection because the number of remote paths set to the remote connection is the same as the minimum number of paths.	Add a remote path or reduce the minimum number of paths, and then retry the operation.	W
21022	206063	The combination of the selected parameters is not allowed.	Select parameters to have a valid combination.	W
21022	206064	No remote command device is assigned to the selected mirror.	Verify the selected mirror, and then retry the operation.	W
21022	206065	No more pairs can be created because the number of created pairs has reached the maximum.	Verify the device configuration of the storage system.	W
21022	206067	The operation cannot be performed because the attribute of the selected mirror is incorrect.	Verify the attribute of the selected mirror, and then retry the operation.	W
21022	206070	The operation cannot be performed because the selected journal has a mirror in invalid status.	Verify the status of the mirror belonging to the selected journal, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
21022	206071	The operation cannot be performed because there is no remote command device to set.	Create a remote command device for assignment, and then retry the operation.	W
21022	206074	The operation cannot be performed because the status of the mirror in the selected journal is incorrect.	Verify the status of the mirror in the selected journal, and then retry the operation.	W
21022	206075	The selected volumes contain volumes that cannot be removed.	Select only removable volumes.	W
21022	206076	There is no change of the journal volume.	Verify the setting.	W
21022	206077	No more volumes can be added because the number of journal volumes has reached the maximum.	Verify the number of journal volumes.	W
21022	206078	The journal creation failed.	Verify the settings by the Task Properties window or the audit log file, and then retry the operation.	W
21022	206079	An error occurred during the journal creation. Although the journal was created, some journal volumes were not registered.	Verify the settings by the Task Properties window or the audit log file, and then retry the operation.	W
21022	206080	The combination of the specified local port ID and remote port ID is already used.	Select a different combination of port IDs, and then retry the operation.	W
21022	206082	The operation cannot be performed because the selected remote connection already exists.	Change any of the model name, serial number, and path group ID, and then retry the operation.	W
21022	206083	The operation cannot be performed because the attribute of the selected journal is "initial".	Verify the attribute of the selected journal, and then retry the operation.	W
21022	206085	The number of specified pairs exceeds the maximum.	Reduce the number of selected pairs to 256 or less.	W
21022	206115	The ports that are registered to the remote connection used by the selected pair belong to a resource group that you do not have permission to access.	Log off, and then log back on with access to the resource group containing the local ports of the remote connection used by the selected pair.	W
21022	206116	The ports that are registered to the remote connection used by a pair in the selected mirror belong to a resource group that you do not have permission to access.	Log off, and then log back on with access to the resource group containing the local ports of the remote connection used by the pair in the selected mirror. Or select [Force] for the Delete Mode, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
21022	206117	The journal volumes that are registered to the journal of the selected mirror belong to a resource group that you do not have permission to access.	Log off, and then log back on with access to the resource group containing journal volumes of the journal to which the selected mirror belongs.	W
21022	206118	The pair volumes that are registered to the selected journal belong to a resource group that you do not have permission to access.	Log off, and then log back on with access to the resource group containing pair volumes of the selected journal.	W
21022	206119	The pair volumes that are registered to the journal of the selected mirror belong to a resource group that you do not have permission to access.	Log off, and then log back on with access to the resource group containing pair volumes of the journal to which the selected mirror belongs.	W
21022	206120	The journal volumes that are registered to the selected journal belong to a resource group that you do not have permission to access.	Log off, and then log back on with access to the resource group containing journal volumes of the selected journal.	W
21022	206121	The pool volumes registered in the selected pool belong to a resource group that you do not have permission to access.	Log off, and then log back on with access to the resource group containing the pool volumes in the specified pool.	W
21022	206122	The remote command device that is assigned to the selected mirror belongs to a resource group that you do not have permission to access.	Log off, and then log back on with access to the resource group containing the remote command device assigned to the selected mirror.	W
21022	206123	The setting process has not been executed because there is no error in this setting, but an error in another setting.	Verify the error factor in another setting and then retry the operation.	W
21022	206124	The value of Blocked Path SIM Monitoring must be larger than that of Blocked Path Monitoring.	Verify the values of the specified Blocked Path Monitoring and Blocked Path SIM Monitoring.	W
21022	206142	No more remote paths can be removed from the selected remote connection because the number of remote paths set to the remote connection is less than the minimum number of paths.	Add remote paths, and then retry the operation.	W
21022	206145	The option of the selected remote connection cannot be edited because the number of remote paths set to the remote connection is less than the minimum number of paths.	Add remote paths, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
21022	206146	No more remote paths can be removed from the selected remote connection because the number of remote paths set to the remote connection is less than the minimum number of paths.	Add remote paths, and then retry the operation.	W
21022	206149	The option of the selected remote connection cannot be edited because the number of remote paths set to the remote connection is less than the minimum number of paths.	Add remote paths, and then retry the operation.	W
21022	206150	The ports that are registered to the remote connection used by the selected pair belong to a resource group that you do not have permission to access.	Log off, and then log back on with access to the resource group containing the local ports of the remote connection used by the selected pair. Or select [Force] for the Delete Mode, and then retry the operation.	W
21022	206152	A quorum disk cannot be added because there is no free quorum disk ID.	Release unnecessary quorum disks, and then retry the operation.	W
21022	206153	The operation cannot be performed because there is no volume available to add a quorum disk.	Create a volume to add a quorum disk, and then retry the operation.	W
21022	206154	There is no available Remote Connection.	Verify the remote connection condition.	W
21022	206155	The quorum disk that is registered to the selected pair belongs to a resource group that you do not have permission to access.	Log off, and then log back on with access to the resource group containing the quorum disk of the selected pair. Or select [Force] for the Delete Mode, and then retry the operation.	W
21022	206156	The specified LDEV is used by a global-active device pair.	If you want to delete the pair, use the Delete Pairs function of remote replication.	W
21022	206157	The specified volume cannot be deleted because the emulation type is not OPEN-V.	If you want to delete volumes, specify the ones whose emulation type is OPEN-V.	W
21022	206158	The operation cannot be performed because there is no available quorum disk.	Add a quorum disk, and then retry the operation.	W
21022	206159	The operation cannot be performed because there is no quorum disk on which the remote storage system registered as the remote connection is set.	Add a quorum disk on which an available remote storage system is set, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
21022	206160	The operation cannot be performed because the combination of the status and I/O mode of the selected pair is not valid.	Select a combination of a status and an I/O mode so as to enable the Resync Pairs operation, and then retry the operation.	W
21022	206161	The operation cannot be performed because the combination of the status and I/O mode of the selected pair is not valid.	Select a combination of a status and an I/O mode so as to enable the Resync Pairs operation, and then retry the operation.	W
21022	206244	The operation cannot be performed because there is no pair in the selected consistency group.	Select a different consistency group, and then retry the operation.	W
21022	206245	The operation cannot be performed because there is no pair in the selected consistency group.	Select a different consistency group, and then retry the operation.	W
21022	206246	The operation cannot be performed because a consistency group that cannot be suspended is selected.	Select a consistency group whose Status is Resynchronizing, PAIR, or COPY, and then retry the operation.	W
21022	206247	The operation cannot be performed because a consistency group that cannot be suspended is selected.	Select a consistency group whose Status is Resynchronizing, PAIR, or COPY, and then retry the operation.	W
21022	206248	The operation cannot be performed because the consistency group that contains a pair whose volumes belong to a resource group that you do not have permission to access is selected.	Retry the operation with permission to access the resource group containing the pair volumes registered in the selected consistency group, or ask the administrator for access permission.	W
21022	206249	The operation cannot be performed because a consistency group in which a pair that cannot be suspended is registered is selected.	Change the status of the pair in the selected consistency group to the following, and then retry the operation: • PAIR or COPY if the pair position is Primary. • PAIR if the pair position is Secondary.	W
21022	206252	The selected LDEVs cannot be added because the virtual storage machines of the selected LDEVs and consistency group do not match.	Select LDEVs that belong to the same virtual storage machine or select [Not Assign] for CTG ID, and then retry the operation.	W
21022	206253	The selected LDEVs cannot be added because the virtual storage machines of the selected	Select a consistency group of the same virtual storage machine as the selected LDEVs, or select [Not Assign] for CTG ID, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		LDEVs and consistency group do not match.		
21022	206254	The selected LDEVs cannot be added because the number of registered pairs in the consistency group exceeds the maximum.	Verify the number of pairs in the consistency group or select a different CTG ID, and then retry the operation.	W
21022	206255	The operation cannot be performed because a consistency group that cannot be resynchronized is selected.	Select a consistency group whose Status is Suspending, PSUS, PSUE, or SSWS, and then retry the operation.	W
21022	206256	The operation cannot be performed because a consistency group that cannot be resynchronized is selected.	Select a consistency group whose Status is Suspending, PSUS, PSUE, or SSWS, and then retry the operation.	W
21022	206257	The pair cannot be resynchronized with the pair status and the I/O mode registered in the selected consistency group.	Set the status of two items for all pairs registered in the selected consistency group to the following values, and then retry the operation: • Pair status to PSUS, PSUE, or SSWS • I/O mode to Local	W
21022	206280	The IP address and TCP port number of the registered remote path will be overwritten. Do you want to continue this operation?	To continue, click [OK].	W
21022	206281	The performance of the remote connection might be affected because different types of ports coexist. Do you want to continue this operation?	To continue, click [OK].	W
21022	206282	The specified remote storage system does not support iSCSI ports.	Click [OK].	W
21022	206286	No more pairs can be created because the number of created pairs has reached the maximum in the selected mirror.	Remove unnecessary pairs from the Selected Pairs table or delete unnecessary pairs with the Delete Pairs menu of Remote Replication, and then retry the operation.	W
21022	206287	The resync operation cannot be performed because the selected pairs have the same primary volume or the mirrors of the specified pairs have the same primary volume.	Verify the primary volumes of the specified pairs, and then retry the operation.	W
21022	206288	The resync operation cannot be performed because the selected mirrors contain pairs that have the same primary volume.	Verify the primary volumes of the pairs in the selected mirror, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
21022	206289	The selected LDEVs cannot be added because the journal ID or the mirror ID does not match.	Match the journal ID and the mirror ID of the selected LDEVs, and then retry the operation.	W
21022	206291	The selected paired LDEVs cannot be added because the mirror ID of the LDEVs is the same as the mirror ID in Mirror Selection.	Select a mirror ID different from the mirror ID of the paired LDEVs, and then retry the operation.	W
21022	206292	A delta resync pair is being created in the multi-target configuration. If the operation is properly complete, the volumes specified as primary volumes change to secondary volumes and the journals specified as master journals change to restore journals.	-	i
21022	206293	The operation cannot be performed because remote command devices are assigned to the selected mirrors.	Release the remote command devices, and then retry the operation.	W
21022	206294	The current DKCMAIN firmware version does not support the setting for Read Response Guaranteed Time When Quorum Disk Blocked.	Update the DKCMAIN firmware on the local storage system to a version that supports the setting for Read Response Guaranteed Time When Quorum Disk Blocked.	W
21022	206501	The selected remote connection does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	W
21022	206502	The specified pair does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	W
21022	206503	The specified mirror does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	W
21022	206504	The specified journal does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	W
21022	206505	The LDEV assigned to the selected journal does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	W
21022	206506	The specified LDEV does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	W
21022	206507	The specified journal does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
21022	206508	The specified pool does not exist in the configuration.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	W
21022	206511	The specified quorum disk does not exist in the configuration.	Click the refresh button to have the latest information displayed on the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	W

Part code 21122

Table 14-3 Error codes (part code 21122)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
21122	207001	The processing cannot continue due to an internal logic contradiction.	Refresh the window, and then retry the operation. If this problem persists, call the Support Center.	E

Part code 21322

Table 14-4 Error codes (part code 21322)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
21322	205097	Parity groups cannot be added because one or more of the specified items are not valid.	Verify and correct the specified items, and then retry the operation.	W
21322	205098	Parity groups cannot be combined because the number of the specified parity groups is not valid.	Select two parity groups if the RAID level is 1 (2D + 2D), or two or four parity groups if the RAID level is 5 (7D + 1P), and then retry the operation.	W
21322	205099	Parity groups cannot be added because one or more of the specified items are not valid.	Verify and correct the specified items, and then retry the operation.	W
21322	205100	Parity groups cannot be combined because the selected RAID level does not support combining parity groups.	Select a RAID level that supports combining parity groups, and then retry the operation.	W
21322	205130	The specified parity groups cannot be edited because they are for external volumes.	Verify the setting of the parity groups.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
21322	205131	The specified parity group cannot be deleted because it is for an external volume.	Verify the settings.	W
21322	205155	The specified parity group does not exist in the configuration.	Select a different parity group.	E
21322	205178	The operation cannot be performed because the LDEVs that belong to the selected parity group belong to "NAS_Platform_System_RSG" with the resource group ID 1023.	Move the LDEVs that belong to the selected parity group to a different resource group from "NAS_Platform_System_RSG" with the resource group ID 1023, and then retry the operation.	W
21322	205197	Compression might not work because the used rate of the pool capacity is 90% or greater.	To continue, click [OK].	W
21322	205210	The parity group with the encryption and the accelerated compression enabled cannot be created.	Verify the settings.	W
21322	206170	Parity groups cannot be added because there are not enough parity group IDs.	Change the initial parity group ID or reduce the number of parity groups, and then retry the operation.	W
21322	206171	Parity groups cannot be added because the number of drives is not enough.	Verify the settings, and then retry the operation.	W
21322	206172	Parity groups cannot be combined because parity groups of different RAID levels coexist.	Select parity groups of the same RAID level.	W
21322	206173	Parity groups cannot be combined because parity groups of different drive types coexist.	Select parity groups of the same drive type.	W
21322	206174	Parity groups cannot be combined because parity groups of different encryption settings coexist.	Select parity groups of the same encryption setting.	W
21322	206175	Parity groups cannot be combined because parity groups of different copy back modes coexist.	Select parity groups of the same copy back mode.	W
21322	206176	The setting cannot be changed because there are not enough parity group IDs to create the specified parity groups.	Change the initial parity group ID or reduce the number of parity groups, and then retry the operation.	W
21322	206177	The status of the selected drive is not Normal.	Select a drive whose status is Normal.	W
21322	206178	The specified number of spare drives exceeds the maximum	Reduce the number of the specified spare drives.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		number of the spare drives on the storage system.		
21322	206182	The specified parity groups cannot be deleted because you do not have permission to access a resource group to which the parity group belongs.	Log out, and then log back in with access to the resource group containing the specified parity group.	W
21322	206183	The specified parity group cannot be deleted because a LUN path is set to it.	Release the LUN path setting, and then retry the operation.	W
21322	206184	The specified parity group cannot be deleted because it contains a pool volume.	Delete the pool volume, and then retry the operation.	W
21322	206185	The specified parity group cannot be deleted because it contains a journal volume.	Delete the journal volume, and then retry the operation.	W
21322	206188	The specified parity group cannot be deleted because it contains a volume that is set as a remote command device.	Remove the remote command device, and then retry the operation.	W
21322	206190	The specified parity group cannot be deleted because it contains an external volume that is mapped for the online data migration.	Specify a different parity group, and then retry the operation.	W
21322	206191	The specified parity group cannot be deleted because you do not have permission to access a resource group to which a volume in the parity group belongs.	Log out, and then log back in with access to the resource group to which a volume in the parity group belongs.	W
21322	206193	A drive other than the spare or free drive is specified.	Specify a spare or free drive, and then retry the operation.	W
21322	206194	The current storage system does not support the specified operation.	Verify the storage system, and then retry the operation.	W
21322	206195	Parity groups cannot be combined because the number of the specified parity groups is not valid.	Select two parity groups if the RAID level is 1 (2D + 2D), or two or four parity groups if the RAID level is 5 (7D + 1P), and then retry the operation.	W
21322	206286	The specified parity groups cannot be concatenated because different accelerated compression settings coexist.	Select parity groups with the same accelerated compression setting.	W
21322	207009	An internal logic contradiction occurred.	Refresh the window, and then retry the operation. If this problem persists, contact the Hitachi Data Systems Support Center.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
21322	209022	Are you sure you want to combine the parity groups?	To continue, click [OK].	W

Part code 21440

Table 14-5 Error codes (part code 21440)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
21440	205503	The configuration file format for SMI-S is not valid.	Verify that the specified file is the configuration file for SMI-S. If this problem persists, contact customer support.	W
21440	205504	The user ID or the password is not valid.	Enter the correct user ID or password.	W
21440	205505	An error occurred during the listener information acquisition.	Contact customer support.	E
21440	205506	No listeners are subscribed to the provider.	Have some listeners subscribed to the provider, and then retry the operation.	W
21440	205507	The artificial indication cannot be sent to some listeners.	If this problem persists, contact customer support.	E
21440	207504	A time-out error occurred.	If this problem persists, contact customer support.	E
21440	207505	An internal error occurred.	Contact customer support.	E
21440	209501	The artificial indication has been sent to listeners.	Verify that all listeners receive the indication.	i

15

Message (part code group 30nnn)

This chapter includes the error messages with the part code 30062 to 30863.

- Part code 30062
- Part code 30162
- Part code 30262
- Part code 30662
- Part code 30761
- Part code 30762
- Part code 30863

Part code 30062

Table 15-1 Error codes (part code 30062)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30062	203201	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30062	203202	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30062	203203	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30062	203204	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30062	203205	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30062	203207	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30062	203401	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30062	204206	The storage system is busy.	Wait for a while, and then retry the operation. If this problem persists, contact customer support.	W

Part code 30162

Table 15-2 Error codes (part code 30162)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30162	203101	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30162	203102	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30162	203103	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30162	203301	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30162	203302	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30162	203401	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30162	203402	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30162	203403	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30162	203404	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30162	203405	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30162	203601	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30162	204501	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30162	205030	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E

Part code 30262

Table 15-3 Error codes (part code 30262)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30262	200001	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30262	200002	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30262	200003	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30262	200004	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30262	200005	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30262	200006	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30262	200007	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30262	200008	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30262	200009	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30262	200010	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E

Part code 30662

Table 15-4 Error codes (part code 30662)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30662	200091	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30662	200094	The selected user does not exist.	Click the refresh button to have the latest information displayed on the window, and then retry the operation.	E
30662	203010	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30662	203050	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30662	204046	No more users can be created because the number of users that can be created has reached the maximum.	Delete unnecessary users, and then retry the operation.	E
30662	205055	An internal error occurred on the storage system.	Perform the following procedure to fix the problem: • Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. • If an error or blockage occurred in a CFM, restore the CFM. • Connect to Maintenance Utility on the other controller board, and then retry the operation. • If this problem persists, contact customer support provided in the manual.	E
30662	205056	Maintenance Utility cannot be started.	Close the web browser window, and then restart Maintenance Utility.	E
30662	205057	The session is disconnected.	Log in again, and then retry the operation.	W
30662	205058	The user cannot be added with the local authentication.	Select External for Authentication, and then retry the operation.	W
30662	205065	The selected user does not exist.	Click the refresh button to have the latest information displayed on the window, and then retry the operation.	E
30662	205066	The selected user name is already added.	Verify the user name.	E
30662	205067	The following operations cannot be performed on built-in users. • Deleting built-in users	To delete a user, select one other than built-in users, and then retry the operation. To change the password of a built-in user, retry the operation	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		• Changing authentication methods • Changing user groups	without changing the settings for the authentication method and user group.	
30662	205068	The specified user cannot be disabled, externally authenticated, or deleted.	Verify that other users with Authentication set to Local than the specified one exist in the dministrator User Group, and then retry the operation.	E
30662	205069	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30662	205077	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30662	205078	The current password is not valid.	Enter the correct password.	E

Part code 30761

Table 15-5 Error codes (part code 30761)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30761	200019	The password is not valid.	Enter the correct password.	E
30761	200020	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30761	203019	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E

Part code 30762

Table 15-6 Error codes (part code 30762)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	202015	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	202019	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	202031	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	202350	The current firmware version of the DKCMAIN does not support this function.	Contact customer support.	E
30762	202369	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202375	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202376	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202378	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202380	The operation cannot be performed because downloading of the unified hypervisor firmware is not complete.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the CFM status and alert information. If an error or a blockage occurred in the CFM, restore it, and then retry the operation. With no error or blockage in the CFM, update the DKCMAIN and unified hypervisor firmware to the latest versions, and then retry the operation. If this problem persists, contact customer support.	E
30762	202381	The operation cannot be performed because downloading of the unified hypervisor firmware is not complete.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the CFM status and alert information. If an error or a blockage occurred in the CFM, restore it, and then retry the operation. With no error or blockage in the CFM, update the DKCMAIN and unified hypervisor firmware to the latest versions, and then retry the operation. If this problem persists, contact customer support.	E
30762	202382	The operation cannot be performed because the unified hypervisor startup is not complete.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a part, restore the part, and then retry the operation. Because high cache write pending may affect the startup processing, reducing the load on the cache is recommended. If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	202383	The operation cannot be performed because the unified hypervisor startup is not complete.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a part, restore the part, and then retry the operation. Because high cache write pending may affect the startup processing, reducing the load on the cache is recommended. If this problem persists, contact customer support.	E
30762	202385	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202386	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202387	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202394	The operation cannot be performed because the NAS unified firmware startup process is not complete.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a part, restore the part, and then retry the operation. Because high cache write pending may affect the startup processing, reducing the load on the cache is recommended. If this problem persists, contact customer support.	E
30762	202395	The operation cannot be performed because the unified hypervisor startup is not complete.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a part, restore the part, and then retry the operation. Because high cache write pending may affect the startup processing, reducing the load on the cache is recommended. If this problem persists, contact customer support.	E
30762	202398	The operation cannot be performed because the unified hypervisor cannot be stopped.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a part, restore the part, and then retry the operation.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			Because high cache write pending may affect the startup processing, reducing the load on the cache is recommended. If this problem persists, contact customer support.	
30762	202399	The operation cannot be performed because the NAS unified firmware cannot be stopped.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a part, restore the part, and then retry the operation. Because high cache write pending may affect the startup processing, reducing the load on the cache is recommended. If this problem persists, contact customer support.	E
30762	202400	The operation cannot be performed because the NAS unified firmware cannot be stopped.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a part, restore the part, and then retry the operation. Because high cache write pending may affect the startup processing, reducing the load on the cache is recommended. If this problem persists, contact customer support.	E
30762	202401	The operation cannot be performed because the NAS unified firmware cannot be stopped.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a part, restore the part, and then retry the operation. Because high cache write pending may affect the startup processing, reducing the load on the cache is recommended. If this problem persists, contact customer support.	E
30762	202402	The operation cannot be performed because the NAS unified firmware cannot be stopped.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a part, restore the part, and then retry the operation. Because high cache write pending may affect the startup processing, reducing the load on the cache is recommended.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			If this problem persists, contact customer support.	
30762	202403	The operation cannot be performed because the NAS unified firmware cannot be stopped.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a part, restore the part, and then retry the operation. Because high cache write pending may affect the startup processing, reducing the load on the cache is recommended. If this problem persists, contact customer support.	E
30762	202404	The operation cannot be performed because the NAS unified firmware cannot be stopped.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a part, restore the part, and then retry the operation. Because high cache write pending may affect the startup processing, reducing the load on the cache is recommended. If this problem persists, contact customer support.	E
30762	202408	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202411	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202414	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202415	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202416	The operation cannot be performed because the unified hypervisor cannot be stopped.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a part, restore the part, and then retry the operation. Because high cache write pending may affect the startup processing, reducing the load on the cache is recommended. If this problem persists, contact customer support.	E
30762	202418	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	202419	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202420	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202421	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202424	An internal error occurred on the storage system.	Install NAS unified firmware specific deal	E
30762	202425	An internal error occurred on the storage system.	Install NAS unified firmware specific deal	E
30762	202427	An internal error occurred on the storage system.	Install NAS unified firmware specific deal	E
30762	202430	An internal error occurred on the storage system.	Install NAS unified firmware specific deal	E
30762	202431	An internal error occurred on the storage system.	Install NAS unified firmware specific deal	E
30762	202435	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202436	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202437	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202438	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202439	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202440	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202442	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202443	The configuration information cannot be updated.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part, restore the part, and then retry the operation. If this problem persists, contact customer support.	E
30762	202448	The configuration information cannot be updated.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part, restore the	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			part, and then retry the operation. If this problem persists, contact customer support.	
30762	202452	The channel board (NAS module) cannot be detected.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part, restore the part. If this problem persists, contact customer support.	E
30762	202453	The recovery processing cannot be performed because the type of the installed part does not match the specified one.	Verify that the correct part is installed. If the part is incorrect, install a correct one, and then retry the operation. If the part is correct, click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a different part, restore the part first, and then retry the operation.	E
30762	202457	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202458	The operation cannot be performed due to a failure on the channel board (NAS module).	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part, restore the part, and then retry the operation. If this problem persists, contact customer support.	E
30762	202459	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202461	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202462	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202463	The configuration information cannot be updated.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part, restore the part, and then retry the operation. If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	202464	The configuration information cannot be updated.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part, restore the part, and then retry the operation. If this problem persists, contact customer support.	E
30762	202468	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202469	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202470	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202471	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202473	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202475	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202477	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202479	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202480	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202482	The combination of the selected DKCMAIN and unified hypervisor firmware versions is not valid.	Install the DKCMAIN and unified hypervisor firmware from the provided media.	E
30762	202483	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202484	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202485	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202487	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202488	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202489	An error occurred in the internal processing for the unified hypervisor.	If Reset Unified Hypervisor has been performed, retry the operation. If it is not the case, reset the unified hypervisor that is stopped or in the	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			stopping process, and then retry the operation. If this problem persists, contact customer support.	
30762	202490	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202492	An error occurred in the internal processing for the unified hypervisor.	If Reset Unified Hypervisor has been performed, retry the operation. If it is not the case, reset the unified hypervisor that is stopped or in the stopping process, and then retry the operation. If this problem persists, contact customer support.	E
30762	202493	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202495	An internal error occurred on the storage system.	Perform Reset Unified Hypervisor on the controller board, and then retry the operation.	E
30762	202498	An internal error occurred on the storage system.	Perform Reset Unified Hypervisor on the controller board, and then retry the operation.	E
30762	202499	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202501	An internal error occurred on the storage system.	Perform Reset Unified Hypervisor on the controller board, and then retry the operation.	E
30762	202502	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202504	An internal error occurred on the storage system.	Perform Reset Unified Hypervisor on the controller board, and then retry the operation.	E
30762	202507	An internal error occurred on the storage system.	Perform Reset Unified Hypervisor on the controller board, and then retry the operation.	E
30762	202508	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202510	An internal error occurred on the storage system.	Perform Reset Unified Hypervisor on the controller board, and then retry the operation.	E
30762	202511	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202513	An internal error occurred on the storage system.	Perform Reset Unified Hypervisor on the controller board, and then retry the operation.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	202519	An internal error occurred on the storage system.	Perform Reset Unified Hypervisor on the controller board, and then retry the operation.	E
30762	202520	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202522	An internal error occurred on the storage system.	Perform Reset Unified Hypervisor on the controller board, and then retry the operation.	E
30762	202525	An internal error occurred on the storage system.	Perform Reset Unified Hypervisor on the controller board, and then retry the operation.	E
30762	202526	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202528	An internal error occurred on the storage system.	Perform Reset Unified Hypervisor on the controller board, and then retry the operation.	E
30762	202529	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202531	An internal error occurred on the storage system.	Perform Reset Unified Hypervisor on the controller board, and then retry the operation.	E
30762	202534	An internal error occurred on the storage system.	Perform Reset Unified Hypervisor on the controller board, and then retry the operation.	E
30762	202535	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202537	An internal error occurred on the storage system.	Perform Reset Unified Hypervisor on the controller board, and then retry the operation.	E
30762	202538	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202540	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202543	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202544	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202545	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202546	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202547	The configuration information cannot be updated.	Click the refresh button to have the latest information displayed on the	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part, restore the part, and then retry the operation. If this problem persists, contact customer support.	
30762	202548	The configuration information cannot be updated.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part, restore the part, and then retry the operation. If this problem persists, contact customer support.	E
30762	202549	The configuration information cannot be updated.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part, restore the part, and then retry the operation. If this problem persists, contact customer support.	E
30762	202550	The configuration information cannot be updated.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part, restore the part, and then retry the operation. If this problem persists, contact customer support.	E
30762	202551	The configuration information cannot be updated.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part, restore the part, and then retry the operation. If this problem persists, contact customer support.	E
30762	202564	The operation cannot be performed because the NAS unified firmware on the controller board in the maintenance process does not work.	If Reset Unified Hypervisor has been performed, retry the operation. If it is not the case, reset the unified hypervisor that is stopped or in the stopping process, and then retry the operation. If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	202565	The operation cannot be performed because the NAS unified firmware is being installed.	Wait until the NAS unified firmware installation is complete, and then retry the operation.	E
30762	202566	The storage system is busy.	Wait for a few minutes, and then retry the operation. If this problem persists, contact customer support.	E
30762	202567	The operation cannot be performed because the unified hypervisor failure information is being collected.	Wait for a few minutes, and then retry the operation. If this problem persists, contact customer support.	E
30762	202581	The operation cannot be performed because the hypervisor network module is being reset.	Wait until the hypervisor network module is in the active status, and then retry the operation. If this problem persists, contact customer support.	E
30762	202582	An internal error occurred on the storage system.	Install NAS unified firmware specific deal	E
30762	202583	The operation cannot be performed because the unified hypervisor on the controller board in the maintenance process is not in the valid status.	Install NAS unified firmware specific deal	E
30762	202590	An internal error occurred on the storage system.	Install NAS unified firmware specific deal	E
30762	202591	For NAS unified firmware is closed, you can not operate.	Install NAS unified firmware specific deal	E
30762	202592	The storage system is busy.	Install NAS unified firmware specific deal	E
30762	202593	Because you are collecting the failure information of unified hypervisor, it can not be operated.	Install NAS unified firmware specific deal	E
30762	202594	The operation cannot be performed because the hypervisor network module is being reset.	Install NAS unified firmware specific deal	E
30762	202595	Because in NAS unified firmware installation, can not be operated.	Install NAS unified firmware specific deal	E
30762	202604	The operation cannot be performed because the hypervisor network module is being reset.	Wait until the hypervisor network module status becomes Active, and then retry the operation.	E
30762	202605	The operation cannot be performed because the network settings are being changed.	Wait for a while, and then retry the operation.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	202615	The operation cannot be performed because the NAS unified firmware on the controller board in the maintenance process does not work.	Perform Reset Unified Hypervisor on the controller board, and then retry the operation.	E
30762	202616	The operation cannot be performed because the NAS unified firmware is being installed.	Wait until the NAS unified firmware installation is complete, and then retry the operation.	E
30762	202617	The storage system is busy.	Wait for a few minutes, and then retry the operation. If this problem persists, contact customer support.	E
30762	202618	The operation cannot be performed because the unified hypervisor failure information is being collected.	Wait for a few minutes, and then retry the operation. If this problem persists, contact customer support.	E
30762	202633	The operation cannot be performed because the NAS unified firmware is being installed.	Wait until the NAS unified firmware installation is complete, and then retry the operation.	E
30762	202634	The storage system is busy.	Wait for a few minutes, and then retry the operation. If this problem persists, contact customer support.	E
30762	202635	The operation cannot be performed because the unified hypervisor failure information is being collected.	Wait for a few minutes, and then retry the operation. If this problem persists, contact customer support.	E
30762	202636	The operation cannot be performed because the hypervisor network module is being reset.	Wait until the hypervisor network module status becomes Active, and then retry the operation.	E
30762	202647	The operation cannot be performed because the unified hypervisor on the controller board in the maintenance process is not in the valid status.	Perform Reset Unified Hypervisor on the controller board, and then retry the operation.	E
30762	202648	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202654	The operation cannot be performed because the hypervisor network module is being reset.	Wait until the hypervisor network module status becomes Active, and then retry the operation.	E
30762	202655	The operation cannot be performed because Edit unified hypervisor maintenance mode is in process.	Retry the operation. If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	202656	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	202674	The current firmware version of the DKCMAIN does not support this function. The storage system firmware might not have been updated.	Verify the firmware version of the DKCMAIN, and then update the storage system firmware using the latest version.	E
30762	203001	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	203002	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	203003	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	203004	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	203005	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	203006	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	203007	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	203008	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	203009	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	203076	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	203078	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	203126	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	203151	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	203153	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	203155	The firmware of the GUM is being updated.	Wait for a while, and then retry the operation.	W
30762	203352	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	203353	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	203658	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	203659	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	203660	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	203675	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	203676	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	203678	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	204002	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	204003	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	204028	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	204030	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	204092	The user session is not valid.	Log in again and then retry the operation.	W
30762	204093	The user session is not valid.	Log in again and then retry the operation.	W
30762	204099	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	204102	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	204114	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	204115	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	204116	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	204117	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	204118	An error occurred during communication with the mail server. The alert notification settings might not be valid, or a communication error might occur.	Verify the settings on the Set Up Alert Notifications window, and then retry the operation. If this problem persists, contact customer support.	W
30762	204119	Invalid characters are entered into Mail Address or Mail Server.	Verify the settings, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	204120	Mail Address or Mail Server exceeds 255 characters.	Enter the setting using from 1 to 255 characters.	W
30762	204121	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	204122	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	204123	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	204124	The same e-mail address already exists.	Remove the same e-mail address setting, and then retry the operation.	W
30762	204125	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	204148	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	204151	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	204152	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	204310	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	204313	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	204314	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	204315	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	204358	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	204359	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	204720	The operation cannot be performed because the system dump is being downloaded or audit logs stored in the DKC are being exported.	Wait until the ongoing processing is complete, and then retry the operation.	E
30762	204721	The operation cannot be performed because the system dump is being downloaded or audit logs stored in the DKC are being exported.	Wait until the ongoing processing is complete, and then retry the operation.	E
30762	204748	Audit logs cannot be exported because an internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		The exported audit log file is not complete.		
30762	204749	Audit logs cannot be exported because an internal error occurred on the storage system. The exported audit log file is not complete.	Retry the operation. If this problem persists, contact customer support.	E
30762	204757	Exporting audit logs is canceled.	-	E
30762	204758	Audit logs are generated in the DKC too often to be exported.	Wait until the operations from a host or the maintenance operations are complete, and then retry the operation.	E
30762	204760	An internal error occurred on the storage system.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a CFM, replace the CFM. If this problem persists, contact customer support.	E
30762	204768	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	204769	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	204770	An error occurred during communication with the mail server. The alert notification settings might not be valid, or a communication error might occur.	Verify the settings on the Set Up Alert Notifications window, and then retry the operation. If this problem persists, contact customer support.	W
30762	204771	The email address or the specific customer code is not valid.	Verify the settings, and then retry the operation.	E
30762	204772	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	204773	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	204774	An internal error occurred on the storage system.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a CFM, replace the CFM. If this problem persists, contact customer support.	E
30762	204775	The email address is not valid.	Verify the settings, and then retry the operation.	E
30762	204776	The specific customer code is not valid.	Verify the settings, and then retry the operation.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	205007	The specified web server certificate file or password is not correct.	Select the correct web server certificate file, or enter the correct password. If the valid web server certificate file and password are specified, contact customer support.	E
30762	206010	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	207002	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207004	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207005	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207006	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207008	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207009	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207010	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207011	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207012	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207013	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207014	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207016	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207017	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207018	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207020	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207021	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207022	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	207023	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207024	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207025	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207026	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207027	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207032	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207077	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207079	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207080	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207081	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207082	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207083	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207084	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207085	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207086	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207087	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207088	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207089	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207090	The specified file is not valid.	Verify whether a license key file is selected. If one file is selected, contact customer support.	E
30762	207091	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	207100	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207101	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207103	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207104	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207105	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207106	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207107	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207108	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207109	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207110	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207111	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207112	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207113	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207127	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207128	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207129	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207130	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207131	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207132	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207133	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207134	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	207135	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207136	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207137	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207138	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207139	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207140	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207141	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207142	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207149	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207150	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	207354	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	208001	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	208029	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	208033	The storage system status is not valid.	If this problem persists, contact customer support.	E
30762	208034	The supported program product does not exist.	If this problem persists, contact customer support.	E
30762	208035	The license key cannot be installed because the history of the use of the temporary key remains.	Purchase the official license to use this software.	E
30762	208036	To install/remove this program product, you must install/ remove a related program product first. Program Product Name >>>>> Prerequisite ---------- Universal Replicator	Install/enable or remove/disable the related program product first.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		>>>>> TrueCopy Server Priority Manager >>>>> Performance Monitor Volume Migration >>>>> Performance Monitor Remote Replication Extended >>>>> Universal Replicator Dynamic Tiering >>>>> Dynamic Provisioning Thin Image >>>>> Dynamic Provisioning active flash >>>>> Dynamic Tiering dedupe and compression >>>>> Dynamic Provisioning		
30762	208037	The program product cannot be installed because it is a pre-install program product.	If this problem persists, contact customer support.	E
30762	208038	The program product is already installed.	Verify the settings.	E
30762	208039	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	208040	The specified program product ID is not valid.	If this problem persists, contact customer support.	E
30762	208041	The license key code is not valid because of the following: • Invalid license key code characters • Invalid number of license key code characters • Invalid license key code issue order	Contact customer support to reissue the license key code.	E
30762	208042	The serial number is not valid.	Verify and correct the storage system serial number.	E
30762	208043	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	208044	The current firmware version of the DKCMAIN does not support this program product.	Take notes of the DKCMAIN firmware version, and then contact customer support.	E
30762	208045	A later hardware version is required for this program product.	Contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	208046	To use this program product, it is required to allocate additional shared memory and then enable the program product.	Allocate additional shared memory, and then enable the program product. Add cache memory if necessary.	E
30762	208047	To remove this program product, it is required to change the configuration.	If this problem persists, contact customer support.	E
30762	208048	This program product cannot be removed or disabled because it is in use.	Stop using this program product.	E
30762	208049	To remove or disable this program product, it is required to remove or disable a different program product first.	Remove or disable the related program product first.	E
30762	208050	To remove or disable this program product, it is required to remove or disable a different program product first.	Remove or disable the related program product first.	E
30762	208051	A different DKC type is required for this program product.	If this problem persists, contact customer support.	E
30762	208052	The operation for the program product cannot be performed.	If this problem persists, contact customer support.	E
30762	208054	Data Retention Utility cannot be removed because the S-VOL Disable setting or the reserved volume setting remains.	Release the S-VOL Disable setting or the reserved volume setting.	E
30762	208055	The specified program product is not supported.	If this problem persists, contact customer support.	E
30762	208056	The model ID of the license key code is not valid.	Contact customer support to reissue the license key code.	E
30762	208057	The shorter extended days than the trial days are specified.	Verify the installation status of the program product.	E
30762	208058	The program product cannot be enabled because there is not enough licensed capacity.	Increase the licensed capacity.	E
30762	208060	Not enough licensed capacity. The program product is installed but it will be disabled unless the licensed capacity is increased during the valid period.	Increase the licensed capacity.	W
30762	208061	The program product has been removed because the term license is expired.	Purchase the license key of the program product to continue to use.	E
30762	208062	The status of the specified license is already changed.	Verify the license status, and then retry the operation.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	208065	The specified program product is already removed.	Verify the license status, and then retry the operation.	E
30762	208066	The specified operation cannot be performed because the license key type is not valid.	Verify the license key type.	E
30762	208067	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	208068	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	208069	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	208070	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	208071	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	208072	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	208073	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	208074	The configuration information cannot be obtained.	If this problem persists, contact customer support.	E
30762	208075	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	208094	The user session is not valid.	Log in again.	W
30762	208095	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	208096	The operation cannot be performed because a different user operation is in progress.	Wait for a while, and then retry the operation.	E
30762	208097	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	208098	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	208156	The operation cannot be performed because the installation of drives or LDEVs is not complete.	Contact customer support.	E
30762	208157	The cache memory configuration differs between CTL1 and CTL2.	Set the same cache memory size for CTL1 and CTL2.	W
30762	208158	LDEV formatting or drive copy is running.	Wait until the LDEV formatting or drive copy is complete, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	208159	There is a drive that is being copied.	Wait until the copying is complete, and then retry the operation.	W
30762	208160	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208161	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208162	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208163	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208164	The operation cannot be performed because the parity consistency check on LDEVs is in process.	Wait until the parity consistency check is complete, and then retry the operation.	W
30762	208168	If the selected drive is blocked, the data in the LDEVs will be destroyed.	To continue the operation, contact customer support.	W
30762	208169	Performing this operation might cause system down or data loss.	To continue the operation, contact customer support.	W
30762	208170	Performing this operation might cause system down or data loss.	To continue the operation, contact customer support.	W
30762	208171	Performing this operation might cause system down or data loss.	To continue the operation, contact customer support.	W
30762	208172	Performing this operation might cause system down or data loss.	To continue the operation, contact customer support.	W
30762	208174	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208175	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208176	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	208177	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208178	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208179	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208180	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208181	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208182	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208184	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208185	A key encryption key has not been acquired.	Acquire a key encryption key, and then retry the operation.	E
30762	208186	The specified operation cannot be performed because available encryption keys are not enough.	Create encryption keys, and then retry the operation.	E
30762	208187	The operation cannot be performed because the encryption environmental settings are not in the initial state.	Initialize the encryption environmental settings, and then retry the operation.	E
30762	208188	The operation cannot be performed because the encryption environmental settings are not in the initial state.	Initialize the encryption environmental settings, and then retry the operation.	E
30762	208189	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	208190	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208191	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208192	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208193	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208194	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208195	A drive whose usage is not Free is selected.	Cancel the selection for the drive whose usage is not Free, and then retry the operation.	W
30762	208196	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208204	Remote paths of TrueCopy, Universal Replicator, or global-active device are set for ports on the specified CHB.	Perform one of the following operations for all remote paths that are set for ports on the specified CHB, and then retry the operation: • If possible, delete all of the paths. • If the paths cannot be deleted, set the remote paths for ports on CHBs other than the specified CHB.	W
30762	208205	Remote paths of TrueCopy, Universal Replicator, or global-active device are set for ports on the specified CHB.	Perform one of the following operations for all remote paths that are set for ports on the specified CHB, and then retry the operation: • If possible, delete all of the paths. • If the paths cannot be deleted, set the remote paths for ports on CHBs other than the specified CHB.	W
30762	208206	Remote replication is running.	Delete the pair. When Quick Split is in progress, suspend the pair, and then delete it.	W
30762	208207	The one and only normal remote path of TrueCopy or Universal	Set a remote path on a port of a different channel board.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		Replicator is set on the port of the selected channel board.	Or, suspend the Universal Replicator pair, or verify the fence level of the TrueCopy pair and perform either of the following: • If the fence level is Data or Status, delete the pair. • If the fence level is Never, suspend the pair.	
30762	208208	The one and only normal remote path used by a TrueCopy or Universal Replicator pair is set on the port of the selected channel board or a channel board in the selected controller board.	Take one of the following actions for all remote paths set on the port of the selected channel board or a channel board in the selected controller board, and then retry the operation: • Delete all remote paths if possible. • Set all remote paths on a port of a different channel board or a channel board in a different controller board if the paths cannot be deleted.	W
30762	208209	The one and only normal remote path used by a TrueCopy or Universal Replicator pair is set on the port of the selected channel board or a channel board in the selected controller board.	Take one of the following actions for all remote paths set on the port of the selected channel board or a channel board in the selected controller board, and then retry the operation: • Delete all remote paths if possible. • Set all remote paths on a port of a different channel board or a channel board in a different controller board if the paths cannot be deleted.	W
30762	208213	Remote replication is running.	Wait until remote replication is complete, or delete or suspend TrueCopy pairs or Universal Replicator pairs on the storage system on the primary site.	W
30762	208219	Pairs of TrueCopy, Universal Replicator, or global-active device exist.	Delete all pairs of TrueCopy, Universal Replicator, or global-active device.	W
30762	208226	Remote paths are set for ports on the specified CHB.	To remove the CHB, delete all remote paths that are set for ports on the CHB, and then retry the operation. To replace the CHB (type change), delete the remote paths that are set for ports that will no longer exist after the replacement, and then retry the operation.	E
30762	208229	Universal Replicator is used on the storage system.	Delete all journal groups.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	208232	The selected drive contains an LDEV of a ShadowImage pair or a Thin Image pair.	Delete the pair. When Quick Split is in progress, suspend the pair, and then delete it.	W
30762	208234	The selected drive contains an LDEV of a ShadowImage pair.	Delete the pair. When Quick Split is in progress, suspend the pair, and then delete it.	W
30762	208247	The selected drive contains an LDEV of a Volume Migration pair.	Delete the pair.	W
30762	208249	The selected drive contains an LDEV of a Volume Migration pair.	Delete the pair.	W
30762	208250	The specified shared memory function is being used by ShadowImage, Volume Migration, or Thin Image.	Delete all of the pairs of ShadowImage, Volume Migration, or Thin Image and all of the Thin Image pools.	W
30762	208259	There is an external volume that is connected by using the specified part.	Delete the external volume, and then retry the operation.	W
30762	208260	The last path of the external volume is set on the port of the selected channel board.	Add an alternate path to the external volume, or restore a blocked path.	W
30762	208266	The operation cannot be performed because powering off the storage system is in process.	After the power-off process is complete, power on the storage system, and then retry the operation. If the power-off process takes much time to complete, verify the error logs on the Information window on the maintenance PC to solve the problem.	W
30762	208271	The shared memory that is being used cannot be removed.	Delete all of the pairs, the DP-VOLs, and the pools. If System Option Mode 937 is ON, set it to OFF.	W
30762	208283	The specified shared memory function cannot be removed because it is being used.	Delete all pools. If System Option Mode 937 is ON, change it to OFF.	W
30762	208288	The specified shared memory function cannot be removed because it is being used.	Contact customer support.	W
30762	208290	The internal configuration is changing.	Wait for a while, and then retry the operation.	W
30762	208294	There is too much write pending data in the cache memory, and this might have an impact on the I/O operation.	Lower the load of the cache memory, and then retry the operation. To perform the operation when the load cannot be lowered, contact customer support.	W
30762	208296	The encryption key information is not valid.	Restore the encryption key from a backup file.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	208297	The encryption key information is not valid.	Restore the encryption key from a backup file.	E
30762	208298	The operation cannot be performed because the cache processing is in process.	Wait for a while, and then retry the operation.	W
30762	208299	The operation cannot be performed because the cache processing is in process.	Wait for a while, and then retry the operation.	W
30762	208300	The operation cannot be performed because the cache processing is in process.	Wait for a while, and then retry the operation.	W
30762	208301	The operation cannot be performed because a different maintenance operation is in process.	Wait for a while, and then retry the operation.	W
30762	208302	The operation cannot be performed because a different maintenance operation is in process.	Wait for a while, and then retry the operation.	W
30762	208303	The operation cannot be performed because a different maintenance operation is in process.	Wait for a while, and then retry the operation.	W
30762	208305	A LU path is set to the selected channel board.	Release the LU path setting, and then retry the operation.	E
30762	208306	The minimum cache size cannot be reserved with the shared memory function to be added.	See the manual to verify the minimum cache size.	E
30762	208307	Before blocking the selected drive, it is required to restore the LDEVs.	Restore the LDEVs.	E
30762	208308	The operation cannot be performed because PDEV Erase is in process.	Wait until PDEV Erase is complete or interrupt PDEV Erase, and then retry the operation.	E
30762	208309	The operation cannot be performed for the selected drive.	Select a drive that applies to one of the following, or click the update button and then verify the drive status. • The target drive in Correction copy • The source drive in Dynamic sparing • The source drive in Copy back	E
30762	208311	Some drives cannot be installed.	Verify and take notes of the status and the alert on the Maintenance Utility main window, and then contact customer support.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	208312	Pinned slots exist.	Restore the pinned slots, and then retry the operation.	E
30762	208316	There is not enough charge capacity of the battery.	Retry the operation after the battery charge of CTL different from a chosen backup module will be more than 50%.	W
30762	208317	The specified part cannot be installed.	Verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the operation. If no error or blockage occurs, there is a possibility that combination of the firmware versions of DKCMAIN and the disk board (DKB) is not valid. In this case, update the firmware of DKCMAIN and DKB. If this problem persists, contact customer support.	E
30762	208318	The specified part cannot be installed, because the type of the inserted part differs from the type of the part selected on the window, or because some other error occurred.	Verify the type of the inserted parts. When the correct parts are inserted, verify the status of parts and alert information. If errors or blockages occurred in parts not for maintenance, restore the parts first, and then verify that the added parts are displayed on the window. If they are not displayed, retry the operation with the same parts. When the type is different, verify that the added parts are displayed on the window. If they are not displayed, retry the operation using parts with the correct type. If the parts are displayed, take one of the following actions. • The wrong type of parts is selected on the window. Remove the added parts, and then retry the operation with the same parts. • Parts with the wrong type are inserted. Replace the parts using the ones with the same type selected on the window.	E
30762	208319	The specified part cannot be removed, because encryption keys cannot be backed up internally, or because some other error occurred.	Take the following actions: • For removal of the encryption disk board, back up the encryption keys to a location outside the storage system. • Verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first,	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			and then verify that the removed part does not exist on the window. If it exists, retry the removal with the same part.	
30762	208320	Blocking the specified part cannot be performed.	Verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the operation. If this problem persists, contact customer support.	E
30762	208321	Restoring the specified part cannot be performed.	Verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the operation. If this problem persists, contact customer support.	E
30762	208322	Blocking the specified part cannot be performed.	Verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the operation. If this problem persists, contact customer support.	E
30762	208323	The specified part cannot be restored, because the type of the inserted part differs from the type of the part selected on the window, or because some other error occurred.	Verify the type of the inserted part. When the correct part is inserted, retry the operation. If this problem persists, contact customer support.	E
30762	208324	The specified part cannot be installed.	Verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the operation. If no error or blockage occurs, there is a possibility that the combination of the firmware versions of DKCMAIN and channel boards is not valid. On the Firmware window of Maintenance Utility, check if the firmware version that supports the type of channel boards to be added is installed, and then perform one of the following actions. • If the firmware for the channel boards is not installed, install the firmware by using the same media of the firmware for DKCMAIN, and then retry the operation. • If the firmware for the channel boards is installed, update the firmware by using the same media	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			of the firmware for DKCMAIN, and then retry the operation. If this problem persists, contact customer support.	
30762	208325	The specified part cannot be installed, because the type of the inserted part differs from the type of the part selected on the window, or because some other error occurred.	Verify the type of the inserted parts. When the correct parts are inserted, verify the status of parts and alert information. If errors or blockages occurred in parts not for maintenance, restore the parts first, and then verify that the added parts are displayed on the window. If they are not displayed, retry the operation with the same parts. When the type is different, verify that the added parts are displayed on the window. If they are not displayed, retry the operation using parts with the correct type. If the parts are displayed, take one of the following actions. • The wrong type of parts is selected on the window. Remove the added parts, and then retry the operation with the same parts. • Parts with the wrong type are inserted. Replace the parts using the ones with the same type selected on the window.	E
30762	208326	Removing the specified part cannot be performed.	Verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then verify that the removed part does not exist on the window. If it exists, retry the removal with the same part.	E
30762	208327	Blocking the specified part cannot be performed.	Verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the operation. If this problem persists, contact customer support.	E
30762	208328	Restoring the specified part cannot be performed.	Verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the operation. If this problem persists, contact customer support.	E
30762	208329	Remote paths are set to this storage system.	Delete all remote paths, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	208330	Blocking the specified part cannot be performed.	Verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the operation. If this problem persists, contact customer support.	E
30762	208331	The specified part cannot be restored, because the type of the inserted part differs from the type of the part selected on the window, or because some other error occurred.	Verify the type of the inserted part. When the correct part is inserted, verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the operation with the same part.	E
30762	208332	Blocking the specified part cannot be performed.	Verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the operation. If this problem persists, contact customer support.	E
30762	208333	The specified part cannot be restored, because the type of the inserted part differs from the type of the part selected on the window, or because some other error occurred.	Verify the type of the inserted part. When the correct part is inserted, verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the operation with the same part.	E
30762	208334	Blocking the specified part cannot be performed.	Verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the operation. If this problem persists, contact customer support.	E
30762	208335	The specified part cannot be restored, because the type of the inserted part differs from the type of the part selected on the window, or because some other error occurred.	Verify the type of the inserted part. When the correct part is inserted, verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the operation with the same part.	E
30762	208336	Installing the specified part cannot be performed.	Verify the type of the inserted part. When the correct part is inserted, verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the operation with the same part.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	208337	Removing the specified part cannot be performed.	Verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then verify that the removed part does not exist on the window. If it exists, retry the removal with the same part.	E
30762	208338	Blocking the specified part cannot be performed.	Verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the operation. If this problem persists, contact customer support.	E
30762	208339	Restoring the specified part cannot be performed.	Verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the operation. If this problem persists, contact customer support.	E
30762	208340	Installing the drive box cannot be performed.	Verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the installation. If installing multiple drive boxes, do one at a time. If this problem persists after operations above, replace the two ENCs of the drive box that cannot be installed.	E
30762	208341	Removing the specified part cannot be performed.	Verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the operation. If this problem persists, contact customer support.	E
30762	208342	Blocking the specified part cannot be performed.	Verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the operation. If this problem persists, contact customer support.	E
30762	208343	Restoring the specified part cannot be performed.	Verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the operation. If this problem persists, contact customer support.	E
30762	208344	Blocking the specified part cannot be performed.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the operation. If this problem persists, contact customer support.	
30762	208345	Blocking the specified part cannot be performed.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the operation. If this problem persists, contact customer support.	E
30762	208346	Stopping the copy operation cannot be performed.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the operation. If this problem persists, contact customer support.	E
30762	208347	A new drive cannot detected.	Verify that the drive is inserted correctly, and then retry the operation. If this problem persists, contact customer support.	E
30762	208348	Installing the specified part cannot be performed.	Verify the type of the inserted part. When the correct part is inserted, verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the operation with the same part.	E
30762	208349	Removing the specified part cannot be performed.	Verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then verify that the removed part does not exist on the window. If it exists, retry the removal with the same part.	E
30762	208354	The operation cannot be performed because the MP unit is being restored or powering off the storage system is in process.	Wait for a while, and then retry the operation. If the maintenance is in process, wait until the processing is complete and then retry the operation.	W
30762	208361	An iSCSI target is set on the port of the selected channel board.	Remove the iSCSI target set on the port of the selected channel board, and then retry the operation.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	208362	Quorum disks exist.	Remove all quorum disks, and then retry the operation.	E
30762	208363	Remote replication of a global-active device pair is running.	Wait until the remote replication is complete, or suspend or delete the global-active device pair, and then retry the operation.	E
30762	208364	The one and only normal remote path used by a global-active device pair is set on the port of the selected channel board or a channel board in the selected controller board.	Take one of the following actions for all remote paths set on the port of the selected channel board or a channel board in the selected controller board, and then retry the operation: • Delete all remote paths if possible. • Set all remote paths on a port of a different channel board or a channel board in a different controller board if the paths cannot be deleted.	E
30762	208365	The one and only normal remote path used by a global-active device pair is set on the port of the selected channel board or a channel board in the selected controller board.	If the global-active device pair is being deleted, wait until it is complete. In other cases, take one of the following actions for all remote paths set on the port of the selected channel board or a channel board in the selected controller board, and then retry the operation: • Delete all remote paths if possible. • Set all remote paths on a port of a different channel board or a channel board in a different controller board if the paths cannot be deleted.	E
30762	208366	Remote replication of a global-active device pair is running.	Wait until the remote replication is complete, or suspend or delete the global-active device pair, and then retry the operation.	E
30762	208367	Global-active device pairs exist.	Delete all global-active device pairs, and then retry the operation.	E
30762	208370	The processing cannot be performed due to a failure on the controller board in the maintenance operation.	Reset the unified hypervisor on the controller board, and then retry the operation. If this problem persists, click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part, restore the part, and then retry the operation.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	208371	The operation cannot be performed due to a failure of the unified hypervisor on the controller board in the maintenance operation.	Reset the unified hypervisor on the controller board, and then retry the operation. If this problem persists, click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part, restore the part, and then retry the operation.	E
30762	208372	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208373	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208374	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208377	The operation cannot be performed because the channel board (NAS module) is blocked.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part, restore the part, and then retry the operation. If this problem persists, contact customer support.	E
30762	208379	The operation cannot be performed due to a failure on the channel board (NAS module).	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part, restore the part, and then retry the operation. If this problem persists, contact customer support.	E
30762	208384	The operation cannot be performed because the unified hypervisor startup is not complete.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a part, restore the part, and then retry the operation. Because high cache write pending may affect the startup processing, reducing the load on the cache is recommended. If this problem persists, contact customer support.	E
30762	208388	An internal error occurred on the storage system.	Perform Reset Unified Hypervisor on the controller board again.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	208389	The operation cannot be performed because starting of the unified hypervisor on the controller board in the maintenance operation is not complete.	Reset the unified hypervisor on the controller board, and then retry the operation. If this problem persists, contact customer support.	E
30762	208390	The operation cannot be performed because the NAS unified firmware startup process is not complete.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a part, restore the part, and then retry the operation. Because high cache write pending may affect the startup processing, reducing the load on the cache is recommended. If this problem persists, contact customer support.	E
30762	208391	The operation cannot be performed because the NAS unified firmware startup process is not complete.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a part, restore the part, and then retry the operation. Because high cache write pending may affect the startup processing, reducing the load on the cache is recommended. If this problem persists, contact customer support.	E
30762	208392	The operation cannot be performed because the NAS unified firmware startup process is not complete.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a part, restore the part, and then retry the operation. Because high cache write pending may affect the startup processing, reducing the load on the cache is recommended. If this problem persists, contact customer support.	E
30762	208393	The operation cannot be performed because the NAS unified firmware startup process is not complete.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a part, restore the part, and then retry the operation.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			Because high cache write pending may affect the startup processing, reducing the load on the cache is recommended. If this problem persists, contact customer support.	
30762	208396	For NAS unified firmware is not installed correctly, it failed operation.	Install NAS unified firmware specific deal	E
30762	208397	The operation cannot be performed because starting of the unified hypervisor is not complete.	Retry the operation. If this problem persists, contact customer support.	E
30762	208405	The operation cannot be performed because the NAS unified firmware cannot be stopped.	Retry the operation. If this problem persists, contact customer support.	E
30762	208406	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208407	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208409	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208410	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208412	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208413	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208417	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208422	NAS unified firmware it failed to ready to begin the installation.	Install NAS unified firmware specific deal	E
30762	208423	An internal error occurred on the storage system.	Install NAS unified firmware specific deal	E
30762	208426	An internal error occurred on the storage system.	Install NAS unified firmware specific deal	E
30762	208428	An internal error occurred on the storage system.	Install NAS unified firmware specific deal	E
30762	208429	An internal error occurred on the storage system.	Install NAS unified firmware specific deal	E
30762	208432	NAS unified firmware it failed to install.	Install NAS unified firmware specific deal	E
30762	208433	NAS unified firmware it failed to install.	Install NAS unified firmware specific deal	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	208434	NAS unified firmware it failed to install.	Install NAS unified firmware specific deal	E
30762	208441	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208444	The configuration information cannot be updated.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part, restore the part, and then retry the operation. If this problem persists, contact customer support.	E
30762	208445	The configuration information cannot be updated.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part, restore the part, and then retry the operation. If this problem persists, contact customer support.	E
30762	208446	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208447	The configuration information cannot be updated.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part, restore the part, and then retry the operation. If this problem persists, contact customer support.	E
30762	208449	The configuration information cannot be updated.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part, restore the part, and then retry the operation. If this problem persists, contact customer support.	E
30762	208450	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208451	An internal logic contradiction occurred.	Contact customer support.	E
30762	208454	The channel board (NAS module) is not replaced.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			information. When an error or a blockage occurred in a part, restore the part, and then retry the operation. If this problem persists, contact customer support.	
30762	208455	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208456	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208460	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208465	The configuration information cannot be updated.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part, restore the part, and then retry the operation. If this problem persists, contact customer support.	E
30762	208466	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208467	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208472	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208474	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208476	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208478	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208481	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208486	An internal error occurred on the storage system.	If Reset Unified Hypervisor has been performed, retry the operation. If it is not the case, reset the unified hypervisor that is stopped or in the stopping process, and then retry the operation. If this problem persists, contact customer support.	E
30762	208491	An error occurred in the internal processing for the unified hypervisor.	If Reset Unified Hypervisor has been performed, retry the operation. If it is not the case, reset the unified hypervisor that is stopped or in the	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			stopping process, and then retry the operation. If this problem persists, contact customer support.	
30762	208494	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208496	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208497	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208500	An internal error occurred on the storage system.	Perform Reset Unified Hypervisor on the controller board, and then retry the operation.	E
30762	208503	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208505	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208506	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208509	An internal error occurred on the storage system.	Perform Reset Unified Hypervisor on the controller board, and then retry the operation.	E
30762	208512	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208514	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208515	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208516	An internal error occurred on the storage system.	Perform Reset Unified Hypervisor on the controller board, and then retry the operation.	E
30762	208517	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208518	An internal error occurred on the storage system.	Perform Reset Unified Hypervisor on the controller board, and then retry the operation.	E
30762	208521	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208523	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208524	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	208527	An internal error occurred on the storage system.	Perform Reset Unified Hypervisor on the controller board, and then retry the operation.	E
30762	208530	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208532	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208533	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208536	An internal error occurred on the storage system.	Perform Reset Unified Hypervisor on the controller board, and then retry the operation.	E
30762	208539	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208541	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208542	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208552	The configuration information cannot be updated.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part, restore the part, and then retry the operation. If this problem persists, contact customer support.	E
30762	208553	The configuration information cannot be updated.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part, restore the part, and then retry the operation. If this problem persists, contact customer support.	E
30762	208554	The configuration information cannot be updated.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part, restore the part, and then retry the operation. If this problem persists, contact customer support.	E
30762	208555	The configuration information cannot be updated.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			information. When an error or a blockage occurred in a part, restore the part, and then retry the operation. If this problem persists, contact customer support.	
30762	208556	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208557	The operation cannot be performed because the unified hypervisor on the controller board in the maintenance process is not in the valid status.	If Reset Unified Hypervisor has been performed, retry the operation. If it is not the case, reset the unified hypervisor that is stopped or in the stopping process, and then retry the operation. If this problem persists, contact customer support.	E
30762	208558	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208559	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208560	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208561	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208562	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208563	The operation cannot be performed because the NAS unified firmware on the controller board in the maintenance process is not in the valid status.	Reset the unified hypervisor on the controller board, and then retry the operation. If this problem persists, contact customer support.	E
30762	208568	The operation cannot be performed because the hypervisor network module is being reset.	Wait until the hypervisor network module status becomes Active, and then retry the operation.	E
30762	208569	The operation cannot be performed because the NAS unified firmware status is not valid.	Retry the operation. If this problem persists, contact customer support.	E
30762	208570	The NAS unified firmware is busy.	Wait for a while, and then retry the operation.	E
30762	208571	An internal error occurred in the NAS unified firmware.	Retry the operation. If this problem persists, contact customer support.	E
30762	208572	An internal error occurred in the NAS unified firmware.	Retry the operation. If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	208573	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208574	The operation cannot be performed because the unified hypervisor status is not valid.	Retry the operation. If this problem persists, contact customer support.	E
30762	208575	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208576	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208577	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208578	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208579	The storage system is busy.	Wait for a few minutes, and then retry the operation. If this problem persists, contact customer support.	E
30762	208580	The operation cannot be performed because the unified hypervisor failure information is being collected.	Wait for a few minutes, and then retry the operation. If this problem persists, contact customer support.	E
30762	208584	An internal error occurred on the storage system.	Install NAS unified firmware specific deal	E
30762	208585	An internal error occurred on the storage system.	Install NAS unified firmware specific deal	E
30762	208586	An internal error occurred on the storage system.	Install NAS unified firmware specific deal	E
30762	208587	An internal error occurred on the storage system.	Install NAS unified firmware specific deal	E
30762	208588	An internal error occurred on the storage system.	Install NAS unified firmware specific deal	E
30762	208589	An internal error occurred on the storage system.	Install NAS unified firmware specific deal	E
30762	208596	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208597	The operation cannot be performed because the unified hypervisor status is not valid.	Perform Reset Unified Hypervisor on the setting target controller board, and then retry the operation.	E
30762	208598	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208599	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208600	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	208601	The operation cannot be performed because the NAS unified firmware is being installed.	Wait until the NAS unified firmware installation is complete, and then retry the operation.	E
30762	208602	The storage system is busy.	Wait for a few minutes, and then retry the operation. If this problem persists, contact customer support.	E
30762	208603	The operation cannot be performed because the unified hypervisor failure information is being collected.	Wait for a few minutes, and then retry the operation. If this problem persists, contact customer support.	E
30762	208606	The network settings cannot be changed.	Retry the operation. If this problem persists, contact customer support.	E
30762	208607	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208608	The operation cannot be performed because the unified hypervisor on the controller board in the maintenance process is not in the valid status.	Perform Reset Unified Hypervisor on the controller board, and then retry the operation.	E
30762	208609	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208610	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208611	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208612	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208613	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208614	The operation cannot be performed because the NAS unified firmware on the controller board in the maintenance process is not in the valid status.	Perform Reset NAS Unified Firmware on the controller board, and then retry the operation.	E
30762	208619	The operation cannot be performed because the hypervisor network module is being reset.	Wait until the hypervisor network module status becomes Active, and then retry the operation.	E
30762	208620	The operation cannot be performed because the network settings are being changed.	Wait for a while, and then retry the operation.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	208621	The operation cannot be performed because the NAS unified firmware status is not valid.	Retry the operation. If this problem persists, contact customer support.	E
30762	208622	The NAS unified firmware is busy.	Wait for a while, and then retry the operation.	E
30762	208623	An internal error occurred in the NAS unified firmware.	Retry the operation. If this problem persists, contact customer support.	E
30762	208624	An internal error occurred in the NAS unified firmware.	Retry the operation. If this problem persists, contact customer support.	E
30762	208625	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208626	The operation cannot be performed because the unified hypervisor on the controller board in the maintenance process is not in the valid status.	Perform Reset Unified Hypervisor on the controller board, and then retry the operation.	E
30762	208627	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208628	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208629	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208630	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208631	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208632	The operation cannot be performed because the NAS unified firmware on the controller board in the maintenance process does not work.	Perform Reset Unified Hypervisor on the controller board, and then retry the operation.	E
30762	208637	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208638	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208639	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208640	The operation cannot be performed because the unified hypervisor on the controller board in the maintenance	Perform Reset Unified Hypervisor on the controller board, and then retry the operation.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		process is not in the valid status.		
30762	208641	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208642	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208643	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208644	The storage system is busy.	Wait for a few minutes, and then retry the operation. If this problem persists, contact customer support.	E
30762	208645	The operation cannot be performed because the unified hypervisor failure information is being collected.	Wait for a few minutes, and then retry the operation. If this problem persists, contact customer support.	E
30762	208646	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208649	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208650	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208651	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208652	The storage system is busy.	Wait for a few minutes, and then retry the operation. If this problem persists, contact customer support.	E
30762	208653	The operation cannot be performed because the unified hypervisor failure information is being collected.	Wait for a few minutes, and then retry the operation. If this problem persists, contact customer support.	E
30762	208657	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208662	The specified operation cannot be performed.	If this problem persists, contact customer support.	E
30762	208663	The processing cannot be performed due to an error or a blockage on the unified hypervisor.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, verify the status and alert information of the unified hypervisor, and then restore it to the normal status.	E
30762	208664	The specified operation cannot be performed because the size of the installed cache memory is not large enough.	Verify the installed cache size.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	208665	The specified operation cannot be performed because a channel board (NAS module) is not installed.	Install the channel board (NAS module), and then retry the operation.	E
30762	208666	The operation cannot be performed because the unified hypervisor is being started or stopped.	Wait until the unified hypervisor is completely started or stopped, and then retry the operation.	E
30762	208667	The operation cannot be performed because the unified hypervisor is being started or stopped.	Wait until the unified hypervisor is completely started or stopped, and then retry the operation.	E
30762	208668	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208669	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208670	The operation cannot be performed because the NAS unified firmware is being started or stopped.	Wait until the NAS unified firmware is completely started or stopped, and then retry the operation.	E
30762	208671	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208679	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208680	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208681	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208682	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	208683	The operation cannot be performed due to a failure on PCIe channel board (*xxx*) or any part connected to PCIe channel board (*xxx*).	A failure might occur on any of the following items. 1 PCIe channel board (*xxx*) and PCIe cables connected to the PCIe channel board 2 Switch package	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			3 PCIe-cable connecting package 4 Controller board Replace one item at a time in numerical order above, and then retry the operation. If the operation cannot be performed again, replace the next item and then retry the operation. If the problem persists after all items are replaced, contact customer support.	
30762	208684	The operation cannot be performed due to a failure on the channel board box.	A failure might occur on any of the following items. 1 Switch package 2 PCIe-cable connecting package 3 PCIe channel boards and PCIe cables connected to the PCIe channel boards 4 Controller board Replace one item at a time in numerical order above, and then retry the operation. If the operation cannot be performed again, replace the next item and then retry the operation. If the problem persists after all items are replaced, contact customer support.	E
30762	208685	The operation cannot be performed because PCIe cables are not properly connected to the channel board box.	Verify that PCIe channel board (*xxx*) is connected to the PCIe-cable connecting package in the correct location number, and then retry the operation.	E
30762	208686	The operation cannot be performed because PCIe cables are not properly connected to the channel board box.	Verify that the target PCIe channel boards and PCIe-cable connecting packages are connected by PCIe cables, and then retry the operation.	E
30762	208687	The operation cannot be performed because PCIe cables are not properly connected to the channel board box.	Verify that the target PCIe channel boards and PCIe-cable connecting packages are connected by PCIe cables, and then retry the operation.	E
30762	208688	The operation cannot be performed because PCIe cables are not properly connected to the channel board box.	Verify that the target PCIe channel boards and PCIe-cable connecting packages are connected by PCIe cables, and then retry the operation.	E
30762	208689	The operation cannot be performed because PCIe cables are not properly connected to the channel board box.	Verify that the target PCIe channel boards and PCIe-cable connecting packages are connected by PCIe cables, and then retry the operation.	E
30762	208690	The operation cannot be performed because PCIe channel boards are not replaced.	Replace the PCIe channel boards, and then retry the operation.	E
30762	208691	The operation cannot be performed because the PCIe-	Replace the PCIe-cable connecting package, and then retry the operation.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		cable connecting package is not replaced.		
30762	208692	The operation cannot be performed because the switch package is not replaced.	Replace the switch package, and then retry the operation.	E
30762	208693	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	208694	The specified operation cannot be performed because no PCIe channel boards are installed.	Install PCIe channel boards, and then retry the operation.	E
30762	208695	The specified operation cannot be performed because no PCIe channel boards are installed.	Install PCIe channel boards, and then retry the operation.	E
30762	208696	The operation cannot be performed because the channel board box is not connected.	Verify that the target PCIe channel boards and PCIe-cable connecting packages are connected by PCIe cables, and then retry the operation.	E
30762	208697	No channel board box can be detected.	Verify the channel board box about the following: • The power is on. • Switch packages are installed. • PCIe-cable connecting packages are installed. • The PCIe channel boards and the PCIe-cable connecting packages are connected by PCIe cables. If this problem persists, contact customer support.	E
30762	208698	The operation cannot be performed due to a failure on switch package (*xxx*).	Replace switch package (*xxx*), and then retry the operation.	E
30762	208699	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	208700	The operation cannot be performed due to a failure on the channel board box.	A failure might occur on any of the following items. 1 PCIe channel board and PCIe cables connected to the PCIe channel board 2 Switch package 3 PCIe-cable connecting package 4 Controller board Replace one item at a time in numerical order above, and then retry the operation. If the operation cannot be performed again, replace the next item and then retry the operation.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			If the problem persists after all items are replaced, contact customer support.	
30762	208701	The operation cannot be performed because PCIe cables are not properly connected to the channel board box.	Verify that the target PCIe channel board and PCIe-cable connecting package are connected by the PCIe cable, and then retry the operation.	E
30762	208702	The operation cannot be performed because PCIe cables are not properly connected to the channel board box.	Verify that the target PCIe channel board and PCIe-cable connecting package are connected by the PCIe cable, and then retry the operation.	E
30762	208703	The operation cannot be performed because PCIe cables are not properly connected to the channel board box.	Verify that the target PCIe channel board and PCIe-cable connecting package are connected by the PCIe cable, and then retry the operation.	E
30762	208704	The operation cannot be performed because PCIe cables are not properly connected to the channel board box.	Verify that the target PCIe channel board and PCIe-cable connecting package are connected by the PCIe cable, and then retry the operation.	E
30762	208705	The operation cannot be performed because PCIe cables are not properly connected to the channel board box.	Verify that the target PCIe channel board and PCIe-cable connecting package are connected by the PCIe cable, and then retry the operation.	E
30762	208706	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	208707	The specified operation cannot be performed because no PCIe channel boards are installed.	Install a PCIe channel board, and then retry the operation.	E
30762	208708	The specified operation cannot be performed because no PCIe channel boards are installed.	Install a PCIe channel board, and then retry the operation.	E
30762	208709	The operation cannot be performed because the PCIe channel board is not replaced.	Replace the PCIe channel board, and then retry the operation.	E
30762	208715	Some failed parts or blocked parts exist.	The switch package connected to the part for maintenance is blocked. Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208716	Some failed parts or blocked parts exist.	The PCIe channel board connected to the part for maintenance is blocked. Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208718	The maintenance operation is stopped because powering off the storage system is started.	Wait until the storage system is powered on, and then retry the	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			operation. If this problem persists, contact customer support.	
30762	208719	The maintenance operation is stopped because powering off the storage system is started.	Wait until the storage system is powered on, and then retry the operation. If this problem persists, contact customer support.	E
30762	208727	The operation cannot be performed because the unified hypervisor is stopped or in the stopping process.	If Reset Unified Hypervisor has been performed, retry the operation. If it is not the case, reset the unified hypervisor that is stopped or in the stopping process, and then retry the operation. If this problem persists, contact customer support.	E
30762	208728	The operation cannot be performed because the unified hypervisor is stopped or in the stopping process.	Reset the unified hypervisor, and then retry the operation. If this problem persists, contact customer support.	E
30762	208729	The operation cannot be performed because the unified hypervisor is stopped or in the stopping process.	Reset the unified hypervisor, and then retry the operation. If this problem persists, contact customer support.	E
30762	208730	The operation cannot be performed because the unified hypervisor is stopped or in the stopping process.	Reset the unified hypervisor, and then retry the operation. If this problem persists, contact customer support.	E
30762	208731	The operation cannot be performed because the unified hypervisor is stopped or in the stopping process.	Reset the unified hypervisor. If this problem persists, contact customer support.	E
30762	208732	The operation cannot be performed because the unified hypervisor is stopped or in the stopping process.	Reset the unified hypervisor, and then retry the operation. If this problem persists, contact customer support.	E
30762	208733	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208734	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208735	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208736	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208737	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208738	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	208739	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208740	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208741	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208742	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
30762	208750	Errors are detected.	Click the error codes in the error list to verify the details, and then take the necessary actions.	E
30762	208751	The NAS unified firmware cannot be installed because the license keys of the required program products are not installed or the licenses have expired.	Take one of the following actions to fix the problem, and then retry the operation: • Install the license keys for Open Volume Management and Resource Partition Manager, and then enable the licenses. • Extend the expiration dates of the license keys for Open Volume Management and Resource Partition Manager, and then enable the licenses. If this problem persists, contact customer support.	W
30762	208752	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208753	Some failed parts or blocked parts exist.	Verify the status and the alert on the Maintenance Utility main window, and then restore the failed parts or blocked parts.	W
30762	208754	A resource group for the NAS unified firmware is set.	Delete the set resource group of the NAS unified firmware, and then retry the operation.	W
30762	208755	LUs are already set on the NAS platform (system LU) ports.	Delete the path definitions set on the NAS platform (system LU) ports, and then retry the operation.	W
30762	208759	The operation cannot be performed due to a failure on the controller board in the maintenance process.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part, restore the part, and then retry the operation. If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	208761	No channel board box can be detected.	Verify that the PCIe-cable connecting packages of the channel board box and the PCIe channel boards are properly connected by PCIe cables, and then retry the operation. If this problem persists, contact customer support.	E
30762	208762	The NAS unified firmware cannot be installed, because LDEVs for the system LU cannot be created.	During the NAS unified firmware installation, two LDEVs are automatically added for the system LU. Delete some LDEVs whose LDEV IDs are in the range from <maximum-number-of-volumes - 1024> to <maximum-number-of-volumes> so that two or more new LDEVs can be created, and then retry the operation. If this problem persists, contact customer support.	E
30762	208763	NAS_Platform_firmware_RSG is already defined as a resource group name.	Delete the resource group named NAS_Platform_System_RSG, and then retry the operation. If this problem persists, contact customer support.	E
30762	208764	Paths to LDEVs are set on the ports of NAS platforms (user LUs).	Release all paths to LDEVs set on the ports of NAS platforms (user LUs), and then retry the operation. If this problem persists, contact customer support.	E
30762	208765	NAS platforms (system LUs) are blocked.	Restore the blocked NAS platforms (system LUs), and then retry the operation. If this problem persists, contact customer support.	E
30762	208766	The NAS unified firmware cannot be installed because the DKCMAIN firmware update is not complete.	Replace the DKCMAIN firmware using the media whose version is that of before the firmware change, and then retry the operation. If this problem persists, contact customer support.	E
30762	208767	Restoring the specified part cannot be performed.	Verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the operation. If this problem persists, contact customer support.	E
30762	208777	Blocking the specified part cannot be performed.	Verify the status of parts and alert information. When an error or a blockage occurred in a part not for	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			maintenance, restore the part first, and then retry the operation. If no error or blockage occurs, there is a possibility that the combination of the firmware versions of DKCMAIN and channel boards is not valid. On the Firmware window of Maintenance Utility, check if the firmware version that supports the type of channel boards to be replaced is installed, and then perform one of the following actions. • If the firmware for the channel boards is not installed, install the firmware by using the same media of the firmware for DKCMAIN, and then retry the operation. • If the firmware for the channel boards is installed, update the firmware by using the same media of the firmware for DKCMAIN, and then retry the operation. If this problem persists, contact customer support.	
30762	208778	The specified part cannot be restored, because the type of the inserted part differs from the type of the new part displayed on the window, or because some other errors occurred.	Verify the type of the inserted part. When the correct part is inserted, verify the status of parts and alert information. When errors or blockages occurred in parts not for maintenance, restore the parts first, and then perform replacement with the same part. When the type is different, replace it using a part with the correct type. If this problem persists, contact customer support.	E
30762	208779	The new CHB to be used after replacement does not support the Fibre Channel authentication (FC-SP) of the currently installed CHB.	Disable the Fibre Channel authentication (FC-SP) for the currently installed CHB, and then retry the operation.	E
30762	208780	The new CHB to be used after replacement does not support the SFP data transfer rate of the currently installed CHB.	In the Small Form-factor Pluggable window, verify the SFP data transfer rate of the selected CHB.Change the SFP data transfer rate of the currently installed CHB first. Replace all SFP modules whose data transfer rate is 32 Gbps with SFP modules of 16 Gbps, and then retry the operation.	E
30762	208781	The T10 PI mode set on the ports of the selected CHB is not the same.	Set the same T10 PI mode for all ports on the selected CHB, and then retry the operation.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	208782	LU paths are set for the selected CHB.	Clear the LU paths setting, and then retry the operation.	E
30762	208783	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30762	208784	The LUs that were added to the specified ports are reserved.	Cancel the reservation, and then retry the operation.	E
30762	208785	An I/O processing is running on the LUs that were added to the specified ports.	Stop the I/O processing, and then retry the operation.	E
30762	208786	External storage systems are connected by using the specified part.	Disconnect external storage systems that are connected by using the specified part, and then retry the operation.	E
30762	208787	Remote paths are connected by using the specified part.	Delete remote paths that are connected by using the specified part, and then retry the operation.	E
30762	208788	The shared memory cannot be removed because it is used in the V-VOL management area.	Delete all Thin Image pairs, and then delete all Dynamic Provisioning volumes and pools.	W
30762	208789	Blocking the specified part cannot be performed.	Verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the operation. If this problem persists, contact customer support.	E
30762	208790	Restoring the specified part cannot be performed.	Verify the status of parts and alert information. When an error or a blockage occurred in a part not for maintenance, restore the part first, and then retry the operation. If this problem persists, contact customer support.	E
30762	208791	An internal time-out error occurred on the storage system.	Wait for a while, and then retry the operation. If this problem persists, contact customer support.	E
30762	208792	The NAS unified firmware cannot be installed because the combination of the DKCMAIN and unified hypervisor firmware versions is not valid.	Update all firmware on the storage system to the latest, and then install the NAS unified firmware again. If this problem persists, contact customer support.	E
30762	208793	The NAS unified firmware cannot be installed because an error occurred while reading data from the CFM.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part, restore the part, and then install the NAS unified firmware again. If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30762	208794	The operation cannot be performed, because the storage system is being started in the auto define configuration mode.	Wait for a while, and then retry the operation. If this problem persists, contact customer support.	W

Part code 30863

Table 15-7 Error codes (part code 30863)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30863	200001	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200002	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200003	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200004	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200005	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200006	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200007	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200008	The storage system is busy.	Wait for a while, and then retry the operation. If this problem persists, contact customer support.	W
30863	200009	The current firmware version of the DKCMAIN does not support this function.	Contact customer support.	E
30863	200010	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200011	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200012	The communication in the storage system cannot be performed.	Verify the status of the storage system. When the status is normal, wait for a while, and then retry the operation. If this problem persists, contact customer support.	E
30863	200013	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30863	200014	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200015	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200016	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200017	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200018	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200019	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200020	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200021	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200022	The communication in the storage system cannot be performed.	Verify the status of the storage system. When the status is normal, wait for a while, and then retry the operation. If this problem persists, contact customer support.	E
30863	200023	The communication in the storage system cannot be performed.	Verify the status of the storage system. When the status is normal, wait for a while, and then retry the operation. If this problem persists, contact customer support.	E
30863	200024	The communication in the storage system cannot be performed.	Verify the status of the storage system. When the status is normal, wait for a while, and then retry the operation. If this problem persists, contact customer support.	E
30863	200025	The communication in the storage system cannot be performed.	Verify the status of the storage system. When the status is normal, wait for a while, and then retry the operation. If this problem persists, contact customer support.	E
30863	200026	The communication in the storage system cannot be performed.	Verify the status of the storage system. When the status is normal, wait for a while, and then retry the operation. If this problem persists, contact customer support.	E
30863	200027	The communication in the storage system cannot be performed.	Verify the status of the storage system. When the status is normal, wait for a while, and then retry the operation. If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30863	200028	The communication in the storage system cannot be performed.	Verify the status of the storage system. When the status is normal, wait for a while, and then retry the operation. If this problem persists, contact customer support.	E
30863	200029	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200030	A time-out error occurred during the processing in the storage system.	If this problem persists, contact customer support.	E
30863	200031	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200032	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200040	The communication in the storage system cannot be performed.	Verify the status of the storage system. When the status is normal, wait for a while, and then retry the operation. If this problem persists, contact customer support.	E
30863	200045	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200046	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200047	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200048	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200049	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200050	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200051	The communication in the storage system cannot be performed.	Verify the status of the storage system. When the status is normal, wait for a while, and then retry the operation. If this problem persists, contact customer support.	E
30863	200052	The communication in the storage system cannot be performed.	Verify the status of the storage system. When the status is normal, wait for a while, and then retry the operation. If this problem persists, contact customer support.	E
30863	200053	An internal communication error occurred on the storage system.	Verify the status of the storage system. When the status is normal, wait for a while, and then retry the operation. If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
30863	200054	An internal communication error occurred on the storage system.	Verify the status of the storage system. When the status is normal, wait for a while, and then retry the operation. If this problem persists, contact customer support.	E
30863	200055	An internal communication error occurred on the storage system.	Verify the status of the storage system. When the status is normal, wait for a while, and then retry the operation. If this problem persists, contact customer support.	E
30863	200056	An internal communication error occurred on the storage system.	Verify the status of the storage system. When the status is normal, wait for a while, and then retry the operation. If this problem persists, contact customer support.	E
30863	200057	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200058	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200059	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200060	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200061	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200062	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200063	An internal communication error occurred on the storage system.	Verify the status of the storage system. When the status is normal, wait for a while, and then retry the operation. If this problem persists, contact customer support.	E
30863	200064	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200065	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	200066	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
30863	204798	The system lock cannot be released when the maintenance work is complete.	Perform Force Release System Lock to release the system lock so that the maintenance work can be completed. If this problem persists, contact customer support.	E

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Message (part code group 31nnn)

This chapter includes the error messages with the part code 31162 to 31962.

- Part code 31162
- Part code 31262
- Part code 31462
- Part code 31662
- Part code 31862
- Part code 31962

Part code 31162

Table 16-1 Error codes (part code 31162)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
31162	200001	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31162	200005	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31162	200010	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E

Part code 31262

Table 16-2 Error codes (part code 31262)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
31262	000210	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31262	000211	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31262	000212	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31262	000213	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31262	000214	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31262	000215	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31262	000216	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31262	000310	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31262	000311	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31262	000312	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31262	000313	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31262	000314	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
31262	000315	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31262	000316	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31262	000317	The specified SVP connection certificate file or the password is not valid.	Select the correct SVP connection certificate file or enter the correct password. If the valid certificate file and password are specified, contact customer support.	E
31262	000318	The specified SVP connection certificate file or the password is not valid.	Select the correct SVP connection certificate file or enter the correct password. If the valid certificate file and password are specified, contact customer support.	E
31262	000502	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31262	000503	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E

Part code 31462

Table 16-3 Error codes (part code 31462)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
31462	203021	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31462	203022	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31462	203023	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31462	203201	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31462	203202	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31462	203204	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31462	203205	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31462	203206	An internal error occurred on the storage system.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			occurred in a CFM, replace the CFM. If this problem persists, contact customer support.	
31462	203207	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31462	203208	An internal error occurred on the storage system.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a CFM, replace the CFM. If this problem persists, contact customer support.	E
31462	203209	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31462	204010	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31462	204011	A test SNMP trap cannot be sent.	Take the following actions, and then retry the operation: • Install SNMP Agent. • If the license of SNMP Agent is disabled, enable the license. • Select Enable for SNMP Agent on the Set Up Alert Notifications window.	E
31462	204012	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31462	204203	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E

Part code 31662

Table 16-4 Error codes (part code 31662)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
31662	200020	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31662	200021	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31662	200022	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31662	200023	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
31662	200024	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31662	200025	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31662	200026	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E

Part code 31862

Table 16-5 Error codes (part code 31862)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
31862	200001	The IPv4 address same as the specified exists on the maintenance port or in the internal network.	Verify the settings of the IPv4 address, maintenance port, and internal network.	E
31862	200002	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31862	200003	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31862	200004	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31862	200005	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31862	200006	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31862	200007	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31862	200008	An internal communication error occurred on the storage system.	If this problem persists, contact customer support.	E
31862	200010	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31862	200011	An error occurred in network settings for the controller board to which Maintenance Utility is connected.	If this problem persists, contact customer support.	E
31862	200012	An error occurred in network settings for the controller board to which Maintenance Utility is not connected.	If this problem persists, contact customer support.	E
31862	200013	An error occurred in network settings for the controller board	If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		to which Maintenance Utility is connected.		
31862	200014	An error occurred in network settings for the controller board to which Maintenance Utility is not connected.	If this problem persists, contact customer support.	E
31862	200015	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31862	200020	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31862	200021	An error occurred during setup of the system date & time of the controller board to which Maintenance Utility is connected.	Retry the operation. To use an NTP server, verify the status of the NTP server beforehand. If this problem persists, contact customer support.	E
31862	200022	An error occurred during setup of the system date & time of the other controller board to which Maintenance Utility is not connected.	Retry the operation. To use an NTP server, verify the status of the NTP server beforehand. If this problem persists, contact customer support.	E
31862	200023	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31862	200024	An error occurred during setup of the system date & time.	Verify alerts on the Maintenance Utility main window, and then contact customer support.	E
31862	200025	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31862	200026	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31862	200027	The storage system is busy.	Wait for a while, and then retry the operation. If this problem persists, contact customer support.	W
31862	200028	The specified time is not valid because it does not exist due to daylight saving time adjustment.	Verify the setting.	E
31862	200030	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
31862	200040	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
31862	200052	An error occurred in Select Login Window on the controller board to which Maintenance Utility is connected.	Retry the operation. If this problem persists, contact customer support.	E
31862	200053	An error occurred in Select Login Window on the controller board to which Maintenance Utility is not connected.	Retry the operation. If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
31862	200060	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
31862	200062	An error occurred in Edit Login Message on the controller board to which Maintenance Utility is connected.	Retry the operation. If this problem persists, contact customer support.	E
31862	200063	An error occurred in Edit Login Message for the controller board to which Maintenance Utility is not connected.	Retry the operation. If this problem persists, contact customer support.	E

Part code 31962

Table 16-6 Error codes (part code 31962)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
31962	200001	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31962	200002	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31962	200004	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31962	200007	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31962	200008	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
31962	200010	An internal error occurred on the storage system.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a CFM, replace the CFM. If this problem persists, contact customer support.	E
31962	200012	An internal error occurred on the storage system.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a CFM, replace the CFM. If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
31962	200013	GUM on the controller board to which Maintenance Utility is connected cannot be rebooted.	If this problem persists, contact customer support.	E
31962	200014	GUM on the controller board to which Maintenance Utility is not connected cannot be rebooted.	If this problem persists, contact customer support.	E
31962	200015	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E

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Message (part code group 32nnn)

This chapter includes the error messages with the part code 32061 to 32961.

- Part code 32061
- Part code 32261
- Part code 32361
- Part code 32461
- Part code 32561
- Part code 32661
- Part code 32761
- Part code 32861
- Part code 32961

Part code 32061

Table 17-1 Error codes (part code 32061)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
32061	203003	An internal logic contradiction occurred.	Contact customer support.	E
32061	203004	An internal logic contradiction occurred.	Contact customer support.	E
32061	203007	The user information cannot be collected.	If this problem persists, contact customer support.	E
32061	203008	The system information cannot be collected.	If this problem persists, contact customer support.	E
32061	203009	The hardware information cannot be collected.	If this problem persists, contact customer support.	E
32061	203012	An internal logic contradiction occurred.	Contact customer support.	E
32061	203013	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
32061	203015	The login message cannot be collected.	If this problem persists, contact customer support.	E
32061	203021	An internal logic contradiction occurred.	Contact customer support.	E
32061	203036	The cipher suite cannot be obtained.	Contact customer support.	E
32061	203037	The system parameters cannot be obtained.	Contact customer support.	E
32061	203039	An internal logic contradiction occurred.	Contact customer support.	E
32061	203067	An internal logic contradiction occurred.	Contact customer support.	E
32061	203999	An internal error occurred on the storage system.	Contact customer support.	E
32061	204001	A time-out error occurred during communication with the web server.	Wait for a while, and then retry the operation. If this problem persists, contact customer support.	E
32061	204002	The web server is in the abnormal HTTP status.	Take the following actions, and then retry the operation: • Verify that the network is working properly. • Log in to the Maintenance Utility again. If this problem persists, contact customer support.	E
32061	205005	The session is disconnected.	Log in again.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
32061	205006	Some entries are not valid.	Enter the correct user name or password.	E
32061	205014	The login message is too long.	Enter the login message within 2048 characters.	E
32061	205016	No system parameters for editing are selected.	Select one or more system parameters.	E
32061	205022	Cipher Suite is not selected.	Select Cipher Suite, and then retry the operation.	E
32061	205023	Check box is not selected.	Select check box, and then retry the operation.	E
32061	205024	Some entries are not valid.	Check the contents, and retry.	E
32061	205025	Some entries are not valid.	Check the contents, and retry.	E
32061	205040	Some entries are not valid.	Verify the entries, and then retry the operation.	E
32061	205041	The password entered is incorrect.	Enter the correct password.	E
32061	205064	No window cannot be displayed because permission to display any window is not assigned to you.	Ask the administrator to provide permission.	E
32061	205065	You do not have permission to display the specified window.	Ask the administrator to provide permission.	E
32061	205068	The system dump will be downloaded.	To continue, click [OK].	W
32061	207011	An internal logic contradiction occurred.	If this problem persists, contact customer support.	E
32061	207017	The current UPS mode cannot be collected.	If this problem persists, contact customer support.	E
32061	207018	An internal logic contradiction occurred.	Contact customer support.	E
32061	207019	An internal logic contradiction occurred.	Contact customer support.	E
32061	207020	The NAS unified firmware removal is canceled due to an internal error.	Contact customer support.	E
32061	207999	An unexpected error occurred on the client side.	If this problem persists, contact customer support.	E
32061	208063	Only viewing the storage system status and the setting information is available because *xxx* is in process. Maintenance operations and storage system settings cannot be performed	Wait for a while, click the refresh button, verify that [System Locked] has changed to [System Unlocked], and then perform the maintenance operations or storage system settings.	i

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		until the ongoing operation is complete.		
32061	208066	The hardware information cannot be collected.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then retry the operation. If this problem persists, contact customer support.	E
32061	208999	An internal error occurred on the storage system.	Contact customer support.	E
32061	209010	You are logged out.	Close the web browser.	i
32061	209020	By performing this operation, GUM will be restarted. Do you want to continue the operation?	To continue, click [OK].	W
32061	209026	Edit Login Message was completed.	Click [Close].	i
32061	209027	Editing the system parameters is complete.	Click [Close].	i
32061	209028	Edit UPS Mode was completed.	Click [Close].	i
32061	209029	Force Release System Lock was completed.	Click [Close].	i
32061	209030	Powering on the storage system is started. Wait for a while, and then log in again.	Click [Close].	i
32061	209031	Powering off the storage system is started. Wait for a while, and then log in again.	Click [Close].	i
32061	209032	Rebooting the GUM is started. Wait for a while, and then log in again.	Click [Close].	i
32061	209033	Select Cipher Suite was completed.	Click [Close].	i
32061	209034	Updating the certificate file is complete and GUM will restart. Wait for a while, and then log in again.	Click [Close].	i
32061	209035	The initial settings are complete.	Click [Close].	i
32061	209038	Forcibly releasing the system lock might have a significant impact on the operation of the storage system. Before releasing the system lock, contact the administrator of the storage system to verify that there is no problem to do it. Are you sure	To release the system lock, click [OK].	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		you want to forcibly release the system lock?		
32061	209042	When starting a storage system in safe mode, make sure to follow the procedure described in the manual. Performing this operation might cause a serious failure such as system down or data loss.	To start the storage system in safe mode, click [OK].	W
32061	209043	The storage system was started in safe mode.	Click [Close].	i
32061	209044	Update Certificate Files were completed.	Click [Close].	i
32061	209062	The initial settings are complete and GUM will restart. Wait for a while, and then log in again.	Click [Close].	i
32061	209063	Removing the NAS unified firmware might have a significant impact on the operation of the storage system. Before removing the firmware, contact the administrator of the storage system to verify that there is no problem to do it. The following two conditions are required for removal: • The NAS unified firmware of CTL1/CTL2 is stopped. • The paths of the NAS platform (User LU) port are released. Do you want to remove the NAS unified firmware?	Click [OK] to remove the firmware.	W
32061	209064	The NAS unified firmware has been removed.	Perform Reboot GUM.	i

Part code 32261

Table 17-2 Error codes (part code 32261)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
32261	202000	The unified hypervisor maintenance mode cannot be set.	Verify the details of the error from the following error code list.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
32261	202001	The unified hypervisor maintenance mode information cannot be collected.	Contact customer support.	E
32261	205001	Cache Flash Memory is not selected.	Select Cache Flash Memory, and then retry the operation.	E
32261	205004	Channel Board is not selected.	Select Channel Board, and then retry the operation.	E
32261	205005	Channel Board type is not selected.	Select Channel Board type, and then retry the operation.	E
32261	205012	Disk Board is not selected.	Select Disk Board, and then retry the operation.	E
32261	205013	Disk Board type is not selected.	Select Disk Board type, and then retry the operation.	E
32261	205016	Disk Board type is not selected.	Select Disk Board type, and then retry the operation.	E
32261	205018	LAN Board is not selected.	Select LAN Board, and then retry the operation.	E
32261	205034	No more cache memory can be added because the maximum amount of cache memory is already installed.	Verify the configuration.	E
32261	205035	Replacing cache memory (type change) cannot be performed in the current configuration.	See the manual to verify the configuration that is valid for this operation.	E
32261	205039	No shared memory functions are added.	Select shared memory functions to be added.	E
32261	205040	It is required to install cache memory on the CTL1 first.	Connect with the CTL2, and then install cache memory on the CTL1.	E
32261	205041	No parts are selected.	Select parts, and then retry the operation.	E
32261	205044	Shared memory function to remove is not deselected.	Deselect 1 or more Shared Memory Function.	E
32261	205045	No PCIe channel board is selected.	Select a PCIe channel board, and then retry the operation.	E
32261	205046	No switch package is selected.	Select a switch package, and then retry the operation.	E
32261	205047	No PCIe-cable connecting package is selected.	Select a PCIe-cable connecting package, and then retry the operation.	E
32261	205048	The specified channel board box cannot be removed because a channel board exists in the channel board box.	Remove all existing channel boards, and then retry the operation.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
32261	205049	No PCIe channel board for connection is selected.	Select a PCIe channel board, and then retry the operation. If the PCIe channel board is not displayed, slots to install PCIe channel boards are not enough for the selected expansion mode. Change the expansion mode value or empty slots to install PCIe channel boards, and then retry the operation.	E
32261	205050	No converged storage connection module is selected.	Select a converged storage connection module, and then retry the operation.	E
32261	205051	No host path is selected.	Select a host path, and then retry the operation.	E
32261	205052	The selected converged storage connection module cannot be replaced because no channel board is installed in it.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, verify that the channel board is installed, and then retry the operation.	E
32261	205053	The selected converged storage connection module cannot be restored because the status is Normal.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, verify that the status of the converged storage connection module is not Normal, and then retry the operation. If the status is Normal, block the converged storage connection module, and then retry the operation.	E
32261	205054	The selected host path cannot be restored because the status is Normal.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, verify that the status of the host path is not Normal, and then retry the operation. If the status is Normal, block the host path, and then retry the operation.	E
32261	205055	No PCIe channel board for connection is selected.	Select a PCIe channel board, and then retry the operation. If the PCIe channel board is not displayed, slots to install PCIe channel boards are not enough for the selected expansion mode. Change the expansion mode value or empty slots to install PCIe channel boards, and then retry the operation.	E
32261	205063	The disk boards cannot be installed because the types of installed disk boards are not the same.	Replace disk boards by changing types so that all disk board types can be the same, and then install the disk boards again.	E
32261	205064	Replace Controller Board (Type Change) cannot be performed because the encryption environment setting is not in the initial state.	Initialize the encryption environment setting, and then retry the operation.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
32261	205109	The selected CHB does not support this operation.	See the manual to verify the CHB that can be replaced (type change).	E
32261	205110	The CHB cannot be replaced (type change), because the new CHB to be used after replacement does not support the current SFP data transfer rate.	In the Small Form-factor Pluggable window, verify the SFP data transfer rate of the selected CHB.Change the SFP data transfer rate of the currently installed CHB first. Replace all SFP modules whose data transfer rate is 32 Gbps with SFP modules of 16 Gbps, and then retry the operation.	E
32261	205408	The unified hypervisor maintenance mode is not selected.	Select a unified hypervisor maintenance mode value.	E
32261	207002	An internal logic contradiction occurred.	Contact customer support.	E
32261	207003	An internal logic contradiction occurred.	Contact customer support.	E
32261	207006	An internal logic contradiction occurred.	Contact customer support.	E
32261	207007	An internal logic contradiction occurred.	Contact customer support.	E
32261	207009	An internal logic contradiction occurred.	Contact customer support.	E
32261	207010	An internal logic contradiction occurred.	Contact customer support.	E
32261	207011	An internal logic contradiction occurred.	Contact customer support.	E
32261	207014	An internal logic contradiction occurred.	Contact customer support.	E
32261	207015	An internal logic contradiction occurred.	Contact customer support.	E
32261	207017	An internal logic contradiction occurred.	Contact customer support.	E
32261	207019	An internal logic contradiction occurred.	Contact customer support.	E
32261	207020	An internal logic contradiction occurred.	Contact customer support.	E
32261	207021	An internal logic contradiction occurred.	Contact customer support.	E
32261	207022	An internal logic contradiction occurred.	Contact customer support.	E
32261	209008	A channel board is blocked forcibly. Do you want to continue?	Enter a password, when you continue processing.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
32261	209020	Replace Cache Flash Memory was completed.	Click [Close].	i
32261	209021	Change SFP Type was completed.	Click [Close].	i
32261	209022	Install Channel Board was completed.	Click [Close].	i
32261	209023	The channel board is ready to be removed.	Follow the procedure provided in the manual to remove *xxx*. After the removal is complete, click [Close].	i
32261	209024	Replace Channel Board was completed.	Click [Close].	i
32261	209025	Install Cache Memories were completed.	Click [Close].	i
32261	209026	Install Shared Memories were completed.	Click [Close].	i
32261	209027	Remove Shared Memories were completed.	Click [Close].	i
32261	209028	Replace Controller Board was completed.	Click [Close].	i
32261	209029	Install Disk Board was completed.	Click [Close].	i
32261	209030	The disk board is ready to be removed.	Follow the procedure provided in the manual to remove *xxx*. After the removal is complete, click [Close].	i
32261	209031	Replace Disk Board was completed.	Click [Close].	i
32261	209032	Replace LAN Board was completed.	Click [Close].	i
32261	209033	Reset HUB was completed.	Click [Close].	i
32261	209036	Replacing the cache memory is complete.	Click [Close].	i
32261	209037	Replacing the fan is complete.	Click [Close].	i
32261	209038	Replacing the cache memory (type change) is complete.	Click [Close].	i
32261	209039	Blocking the backup module is complete.	Click [Close].	i
32261	209040	Blocking the backup module is complete.	Click [Close].	i
32261	209043	CTL Status of the selected controller board is Normal. Blocking the controller board may have a significant impact	To continue, click [OK].	i

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		on the operation of the storage system. Are you sure you want to continue this operation?		
32261	209045	Disk board types are not the same.	Replace disk boards by changing types so that all disk board types can be the same.	W
32261	209046	Replacing the DKB (type change) of *xxx* is complete.	Click [Close].	i
32261	209047	Replacing the DKB (type change) of *xxx* is complete.	Click [OK].	i
32261	209048	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W
32261	209049	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W
32261	209050	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	
32261	209051	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W
32261	209052	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
32261	209053	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W
32261	209054	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W
32261	209055	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			status is normal and all of the settings are applied.	
32261	209056	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W
32261	209057	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W
32261	209058	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			• If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	
32261	209059	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W
32261	209060	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W
32261	209061	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			• If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	
32261	209062	The unified hypervisor of *xxx* will be reset. This operation might cause a serious failure such as system down or data loss. Make sure to follow the procedure described in the manual.	To reset, click [Reset].	W
32261	209063	The hypervisor network module of *xxx* will be reset. This operation might cause a serious failure such as system down or data loss. Make sure to follow the procedure described in the manual.	To reset, click [Reset].	W
32261	209064	The firmware information must be manually restored because CFM redundancy is lost due to blocked CFMs in the storage system.	Replace all blocked CFMs, and then update the firmware online.	W
32261	209065	The unified hypervisor of *xxx* has been reset.	Click [Close].	i
32261	209066	The hypervisor network module of *xxx* has been reset.	Click [Close].	i
32261	209067	The NAS unified firmware of *xxx* has been reset.	Click [Close].	i
32261	209068	The unified hypervisor maintenance mode has been set.	Click [Close].	i
32261	209069	The channel board is ready to be removed.	Remove *xxx* by following the procedure described in the manual, remove the battery for the NAS module, BAT-F10/F20, and then click [Close].	i
32261	209070	The channel board box has been installed.	Click [Close].	i
32261	209071	The channel board box is ready to be removed.	Remove the *xxx* and then the channel board box by following the procedure described in the manual. When the removal is complete, click [Close].	i
32261	209072	The PCIe channel board has been replaced.	Click [Close].	i

Part Code	Error Number	Error Message	Recommended Action	Severity Level
32261	209073	The switch package has been replaced.	Click [Close].	i
32261	209074	The PCIe-cable connecting package has been replaced.	Click [Close].	i
32261	209075	The NAS unified firmware of *xxx* will be reset. This operation might cause a serious failure such as system down or data loss. Make sure to follow the procedure described in the manual.	To reset, click [Reset].	W
32261	209076	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W
32261	209077	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W
32261	209078	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	
32261	209079	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W
32261	209080	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
32261	209081	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W
32261	209082	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W
32261	209083	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			status is normal and all of the settings are applied.	
32261	209084	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W
32261	209085	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W
32261	209086	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			• If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	
32261	209096	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W
32261	209097	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W
32261	209098	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			• If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	
32261	209099	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W
32261	209100	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W
32261	209101	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	
32261	209102	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W
32261	209103	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W
32261	209104	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while,	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	
32261	209105	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W
32261	209106	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W
32261	209107	Controller board types are not the same.	Replace controller boards by changing types so that all controller board types can be the same.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
32261	209108	The encryption environment setting is applied.	Wait until the maintenance operation is complete, and then back up the encryption keys to a location outside the storage system.	W
32261	209111	Replacing *xxx* (type change) is complete.	Click [Close].	i
32261	209112	Replacing *xxx* (type change) is complete.	Click [OK].	i
32261	209113	Types of CHBs installed on *xxx* are different.	Perform Replace Channel Board (Type Change) to have the CHB type match each other.	W
32261	209114	Change SFP Type is complete.	Click [Close].	i
32261	209115	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W
32261	209116	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
32261	209117	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W
32261	209118	A communication time-out error occurred during processing, but the processing still continues.	Log in to the Maintenance Utility again, and then verify the system lock status. If the status is System Locked, the processing is still running. When the processing finishes, the status changes to System Unlocked. Wait for a while, and then click the refresh button. If the status has changed to System Unlocked, perform one of the following operations. • If the problem occurred during the blocking operation, retry the operation. • If the problem occurred during the restoring, installing, or removing operation, verify that the hardware status is normal and all of the settings are applied.	W

Part code 32361

Table 17-3 Error codes (part code 32361)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
32361	203012	An internal logic contradiction occurred.	Contact customer support.	E
32361	205002	Drive is not selected.	Select Drive, and then retry the operation.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
32361	205003	Two or more Drives are selected.	Select one Drive, and then retry the operation.	E
32361	205005	ENC is not selected.	Select ENC, and then retry the operation.	E
32361	205014	The selected drive is not being copied.	Click [Close].	E
32361	207004	An internal logic contradiction occurred.	Contact customer support.	E
32361	207006	An internal logic contradiction occurred.	Contact customer support.	E
32361	209001	Do you execute sparing from a drive to a reserve disk?	Click [yes], when you perform sparing.	W
32361	209007	Block Drives were completed.	Click [Close].	i
32361	209008	Install Drives were completed.	Click [Close].	i
32361	209009	The copy process has been stopped.	Click [Close].	i
32361	209010	Remove Drives were completed.	Click [Close].	i
32361	209011	Replace ENC was completed.	Click [Close].	i
32361	209012	Any of the selected drives has not been removed.	Remove the selected drives, and then click [OK]. To forcibly turn off the LEDs of the selected drives, click [Cancel]. If this message is displayed again after removing all of the selected drives, contact customer support.	W
32361	209013	LEDs of the selected drives will be turned off forcibly.	Verify that all of the selected drives are removed, and then click [OK].	W

Part code 32461

Table 17-4 Error codes (part code 32461)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
32461	205002	Some entries are not valid.	Check the contents, and retry.	E
32461	205003	User is not selected.	Select User, and then retry the operation.	E
32461	205004	The built-in user cannot be deleted.	Select other than an Built-in user, and then retry the operation.	E
32461	205009	The External user cannot be edited.	Select other than an External user, and then retry the operation.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
32461	205010	Some entries are not valid.	Check the contents, and retry.	E
32461	205011	User is not selected.	Select User, and then retry the operation.	E
32461	205012	Two or more Users are selected.	Select one User, and then retry the operation.	E
32461	205019	The number of selected user groups is not valid.	Select 1 to 8 user groups.	E
32461	205020	A login user cannot remove his or her own user account.	Select a different user account, and then retry the operation.	E
32461	207001	An internal logic contradiction occurred.	If this problem persists, contact customer support.	E
32461	207005	An internal logic contradiction occurred.	Retry the operation. If this problem persists, contact customer support.	E
32461	207006	An internal logic contradiction occurred.	Retry the operation. If this problem persists, contact customer support.	E
32461	207007	An internal logic contradiction occurred.	Retry the operation. If this problem persists, contact customer support.	E
32461	207008	An internal logic contradiction occurred.	Retry the operation. If this problem persists, contact customer support.	E
32461	207018	An internal logic contradiction occurred.	Contact customer support.	E
32461	209013	Create User was completed.	Click [Close].	i
32461	209014	Delete Users were completed.	Click [Close].	i
32461	209015	Edit User was completed.	Click [Close].	i
32461	209016	Backup of the user account information is complete.	Click [Close].	i
32461	209017	Restoration of the user account information is complete.	Click [Close].	i
32461	209021	This user account is used by your service engineer for maintenance. If the password is changed, the service engineer must be informed of the new password. Do you want to continue this operation?	To continue, click [OK].	W
32461	209022	This user account is used by your service engineer for maintenance. If the user information is edited, the service engineer must be informed of the new information. Do you want to continue this operation?	To continue, click [OK].	W

Part code 32561

Table 17-5 Error codes (part code 32561)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
32561	203101	The processing cannot continue due to an internal logic contradiction.	If this problem persists, contact customer support.	E
32561	203201	The processing cannot continue due to an internal logic contradiction.	If this problem persists, contact customer support.	E
32561	203202	The client certificate file of the primary server cannot be uploaded on the [Syslog] tab.	If this problem persists, contact customer support.	E
32561	203203	The root certificate file of the primary server cannot be uploaded on the [Syslog] tab.	If this problem persists, contact customer support.	E
32561	203204	The client certificate file of the secondary server cannot be uploaded on the [Syslog] tab.	If this problem persists, contact customer support.	E
32561	203205	The root certificate file of the secondary server cannot be uploaded on the [Syslog] tab.	If this problem persists, contact customer support.	E
32561	205001	Some entries are not valid.	Verify the tooltip, correct the entries, and then retry the operation.	E
32561	205002	No table rows are selected.	Select one or more table rows.	W
32561	205003	The radio button for Notification Alert is not selected.	Select the radio button, and then retry the operation.	W
32561	205004	No table row, or two or more table rows are selected.	Select one table row.	W
32561	205005	Are you sure you want to remove the selected rows?	To remove the rows, click [OK].	W
32561	205101	Some entries are not valid on the [Email] tab.	Verify the tooltip, correct the entries, and then retry the operation.	E
32561	205102	No more e-mail addresses can be registered because the number of registered e-mail addresses has reached the maximum.	Reduce the number of registered e-mail addresses, and then retry the operation.	W
32561	205103	The radio button for Email Notice (Enable/Disable) is not selected on the [Email] tab.	Select the radio button, and then retry the operation.	W
32561	205104	No e-mail addresses are registered to Mail Address (To) on the [Email] tab.	Register e-mail addresses so that at least one e-mail address appears on the [Registered Addresses] table.	W
32561	205105	The radio button for SMTP Authentication (Enable/Disable)	Select the radio button, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		is not selected on the [Email] tab.		
32561	205106	The radio button for Mail Server is not selected on the [Email] tab.	Select the radio button, and then retry the operation.	W
32561	205107	The information for the service engineer is set, and any changes in the following items must be notified to the service engineer. Do you want to continue this operation? • Email Address (From) • Mail Server Settings • SMTP Authentication	To continue, click [OK].	W
32561	205201	Some entries are not valid on the [Syslog] tab.	Verify the tooltip, correct the entries, and then retry the operation.	E
32561	205202	The radio button for Transfer Protocol is not selected on the [Syslog] tab.	Select the radio button, and then retry the operation.	W
32561	205203	The radio button for Primary Server (Enable/Disable) is not selected on the [Syslog] tab.	Select the radio button, and then retry the operation.	W
32561	205204	The radio button for Syslog Server of Primary Server is not selected on the [Syslog] tab.	Select the radio button, and then retry the operation.	W
32561	205205	The radio button for Secondary Server (Enable/Disable) is not selected on the [Syslog] tab.	Select the radio button, and then retry the operation.	W
32561	205206	The radio button for Syslog Server of Secondary Server is not selected on the [Syslog] tab.	Select the radio button, and then retry the operation.	W
32561	205207	The primary server and the secondary server have the same setting on the [Syslog] tab.	Specify a different IP address or port number.	W
32561	205208	The radio button for Retry (Enable/Disable) is not selected on the [Syslog] tab.	Select the radio button, and then retry the operation.	W
32561	205209	The client certificate of the primary server is not set on the [Syslog] tab.	Verify the setting.	E
32561	205210	The root certificate of the primary server is not set on the [Syslog] tab.	Verify the setting.	E
32561	205211	The client certificate of the secondary server is not set on the [Syslog] tab.	Verify the setting.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
32561	205212	The root certificate of the secondary server is not set on the [Syslog] tab.	Verify the setting.	E
32561	205301	Some entries are not valid on the [SNMP] tab.	Verify the tooltip, correct the entries, and then retry the operation.	E
32561	205303	The radio button for SNMP Agent (Enable/Disable) is not selected on the [SNMP] tab.	Select the radio button, and then retry the operation.	W
32561	205304	No more trap destinations can be added because the number of trap destinations that are added has reached the maximum.	Change the added trap destination. Alternatively, delete unnecessary trap destinations, and then retry the operation.	W
32561	205305	No more user names can be added because the number of user names that are added has reached the maximum.	Change the added user name. Alternatively, delete unnecessary user names, and then retry the operation.	W
32561	205401	The entered e-mail address is already used.	Enter a different e-mail address.	W
32561	205402	The entered community is already used.	Enter a different community.	W
32561	205403	The entered IP address is already used.	Enter a different IP address.	W
32561	205404	No more communities can be added because the number of communities that are added has reached the maximum.	Change the added community. Alternatively, delete unnecessary communities, and then retry the operation.	W
32561	205406	The entered user name is already added in the request authentication settings.	Enter a user name that is not used.	W
32561	205407	The specified IP address is the same as the one that is already added or is ready to be added.	Verify the setting.	W
32561	207001	An error occurred.	Verify the details of the error from the following error code list.	E
32561	207002	The processing cannot continue due to an internal logic contradiction.	If this problem persists, contact customer support.	E
32561	207114	An unexpected error occurred on the client side.	Wait for a while, log in again, and then retry the operation. If this problem persists, contact customer support.	E
32561	207115	An unexpected error occurred on the client side.	Click [Cancel]. Wait for a while, log in again, and then retry the operation. If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
32561	209000	The Alert Notifications setting is complete.	Click [OK].	i
32561	209001	A test e-mail has been sent.	Verify that the test e-mail was delivered to the specified destination.	i
32561	209002	A test e-mail has been sent.	Verify that the test e-mail was delivered to the specified destination.	i
32561	209101	A test message has been sent.	Verify that the test message was delivered to the specified destination.	i
32561	209201	A test trap has been sent.	Verify that the test trap was delivered to the specified destination.	i

Part code 32661

Table 17-6 Error codes (part code 32661)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
32661	205000	No program products are selected.	Select one or more program products.	E
32661	205001	The specified program product is not installed.	Verify the license status.	E
32661	205002	The specified program product cannot be enabled because the status is not Installed (Disabled).	Verify the license status.	E
32661	205003	The specified program product cannot be disabled because the license key type is not Term.	Verify the license key type.	E
32661	205004	The specified program product cannot be disabled because the status is not Installed.	Verify the license status.	E
32661	205005	No key code.	Enter the key code.	E
32661	205006	The license key file is not selected.	Select a license key file.	E
32661	205007	The number of characters for the key code is not valid.	Enter the key code with 75 characters.	E
32661	205008	Invalid characters are used in the key code.	Enter alphanumeric characters only.	E
32661	205009	The license key file name exceeds 200 characters.	Move the license key file to an upper hierarchy so as to have the file name be within 200 characters, and then retry the operation.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
32661	205010	The license key file cannot be uploaded.	If this problem persists, contact customer support.	E
32661	206000	The license information cannot be obtained.	If this problem persists, contact customer support.	E
32661	206001	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
32661	206002	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
32661	206003	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
32661	206004	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
32661	207001	An error occurred.	Verify the details of the error from the following error code list.	E
32661	209000	The installation is complete.	Click [OK].	i
32661	209001	The license removal is complete.	Click [OK].	i
32661	209002	The license is enabled.	Click [OK].	i
32661	209003	The license is disabled.	Click [OK].	i

Part code 32761

Table 17-7 Error codes (part code 32761)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
32761	205001	Some entries are not valid.	Check the contents, and retry.	E
32761	209002	Set up Date & Time was completed.	Click [Close].	i

Part code 32861

Table 17-8 Error codes (part code 32861)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
32861	200000	The login window setting has been changed.	Click [Close].	i

Part Code	Error Number	Error Message	Recommended Action	Severity Level
32861	204000	The window displayed by default cannot be set.	Wait for a while, and then retry the operation. If this problem persists, contact customer support.	E
32861	204001	The same network address is set for the maintenance port and the internal network.	Set different network addresses for the maintenance port and the internal network address, and then retry the operation.	W
32861	205002	Some entries are not valid.	Verify the entries, and then retry the operation.	E
32861	205003	Some entries are not valid.	Check the contents, and retry.	E
32861	206000	The window displayed by default is not selected.	Verify the setting.	E
32861	207001	An internal logic contradiction occurred.	Contact customer support.	E
32861	209004	Setting up the network permission is complete and GUM will restart. Wait for a while, and then log in again.	Click [Close].	i
32861	209005	Setting up the network is complete and GUM will restart. Wait for a while, and then log in again.	Click [Close].	i
32861	209006	The network settings are complete.	Click [Close].	i
32861	209007	An error occurred during setup of the network permission .	Verify the details of the error from the following error code list.	E
32861	209008	Rebooting the GUM is started. Wait for a while, and then log in again.	Click [Close].	i

Part code 32961

Table 17-9 Error codes (part code 32961)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
32961	203014	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
32961	205001	The number of new Drive Boxes are not selected.	Select the number of new Drive Boxes, and then retry the operation.	E
32961	205002	Drive Box type is not selected.	Select Drive Box type, and then retry the operation.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
32961	205003	Drive Box is not selected.	Select Drive Box, and then retry the operation.	E
32961	205008	There is no drive box that can be removed.	Click [Close].	E
32961	205010	Some entries are not valid.	Verify the entries, and then retry the operation.	E
32961	205011	No more drive boxes can be added because the number of drive boxes exceeds the maximum that can be installed.	Verify the settings, and then retry the operation.	E
32961	205079	Locations where DFB2 cannot be installed are specified.	Verify the types of drive boxes that can be installed in each of the locations referring to the manual, and then retry the operation.	W
32961	208016	Installing the drive box cannot be performed due to one of the following reasons. • *xxx* is not properly connected. • The type of *xxx* does not match the one selected on the window.	Verify the following, and then retry the operation. • *xxx* is correctly connected to *xxx*. • The type of *xxx* is the same as the one selected on the window. If this problem persists, contact customer support.	E
32961	208017	*xxx* cannot be detected.	Verify the following items: • *xxx* is correctly connected to *xxx*. • No error or blockage occurs in *xxx*. If there is no problem, replace the following parts, and then retry the operation. • *xxx* • *xxx* • The cable connected *xxx* and *xxx* If this problem persists, contact customer support.	E
32961	209004	Install Drive Boxes were completed.	Click [Close].	i
32961	209005	Remove Drive Boxes were completed.	Click [Close].	i
32961	209006	Turn on Locate LEDs were completed.	Click [Close].	i
32961	209007	Turn off Locate LEDs were completed.	Click [Close].	i
32961	209009	The system information settings are complete.	Click [Close].	i
32961	209012	Do you reset the duration of use for the air filter?	To reset the duration, click [OK].	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		Replacing an air filter is notified when machine uptime reaches one year from resetting the duration.		
32961	209013	Resetting the duration of use for the air filter is complete.	Click [Close].	i
32961	209015	Editing of the setting for the air filter replacement notice is complete.	Click [Close].	i

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Message (part code group 33nnn)

This chapter includes the error messages with the part code 33061 to 33462.

- Part code 33061
- Part code 33161
- Part code 33361
- Part code 33462

Part code 33061

Table 18-1 Error codes (part code 33061)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
33061	203101	The processing cannot continue due to an internal logic contradiction.	If this problem persists, contact customer support.	E
33061	203102	The audit log file cannot be exported.	If this problem persists, contact customer support.	E
33061	203201	The processing cannot continue due to an internal logic contradiction.	If this problem persists, contact customer support.	E
33061	203202	The client certificate file of the primary server cannot be uploaded.	If this problem persists, contact customer support.	E
33061	203203	The root certificate file of the primary server cannot be uploaded.	If this problem persists, contact customer support.	E
33061	203204	The client certificate file of the secondary server cannot be uploaded.	If this problem persists, contact customer support.	E
33061	203205	The root certificate file of the secondary server cannot be uploaded.	If this problem persists, contact customer support.	E
33061	205201	Some entries are not valid.	Verify the tooltip, correct the entries, and then retry the operation.	E
33061	205202	The radio button for Transfer Protocol is not selected.	Select the radio button, and then retry the operation.	E
33061	205203	The radio button for Primary Server (Enable/Disable) is not selected.	Select the radio button, and then retry the operation.	E
33061	205204	The radio button for Syslog Server of Primary Server is not selected.	Select the radio button, and then retry the operation.	E
33061	205205	The radio button for Secondary Server (Enable/Disable) is not selected.	Select the radio button, and then retry the operation.	E
33061	205206	The radio button for Syslog Server of Secondary Server is not selected.	Select the radio button, and then retry the operation.	E
33061	205207	The primary server and the secondary server have the same setting.	Specify a different IP address or port number.	E
33061	205208	The radio button for Retry (Enable/Disable) is not selected.	Select the radio button, and then retry the operation.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
33061	205209	The radio button for Output Detailed Information (Enable/ Disable) is not selected.	Select the radio button, and then retry the operation.	E
33061	205210	The client certificate of the primary server is not set.	Verify the setting.	E
33061	205211	The root certificate of the primary server is not set.	Verify the setting.	E
33061	205212	The client certificate of the secondary server is not set.	Verify the setting.	E
33061	205213	The root certificate of the secondary server is not set.	Verify the setting.	E
33061	209101	A test message has been sent.	Verify that the syslog server received the test message.	i
33061	209201	The setting of the audit log syslog server is complete.	Click [OK].	i

Part code 33161

Table 18-2 Error codes (part code 33161)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
33161	200002	The alert information cannot be obtained.	Verify the configuration of the storage system.	i
33161	200003	The alert information from the GUM cannot be obtained.	Verify the configuration of the storage system.	i
33161	203001	There is no data to be displayed.	Click [Close].	i
33161	203002	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
33161	203003	The storage system is busy.	Wait for a while, and then retry the operation. If this problem persists, contact customer support.	W
33161	203101	The processing cannot continue due to an internal logic contradiction.	If this problem persists, contact customer support.	E
33161	207002	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
33161	207101	The processing cannot continue due to an internal logic contradiction.	If this problem persists, contact customer support.	E

Part code 33361

Table 18-3 Error codes (part code 33361)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
33361	003400	The firmware renewal carried out last time succeeded.	Please click [OK]. When doing a firmware renewal newly, please put a firmware renewal into effect.	i
33361	005011	The processing cannot continue because a logic contradiction occurred during firmware information collection.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	W
33361	005021	A communication error occurred while uploading NASFWCF.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	W
33361	005022	An error occurred while uploading NASFWCF.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	W
33361	005023	The processing cannot continue because a logic contradiction occurred while uploading NASFWCF.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	W
33361	005024	A communication error occurred during the NASFWCF upload. The NASFW cannot be updated.	Click [OK]. To update firmware other than NASFW, continue the update operation. To update firmware including NASFW, cancel the update operation, wait for five minutes or longer, and then retry the operation. If this problem persists, contact customer support.	W
33361	005025	An error occurred during the NASFWCF upload.	Click [OK].	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
		The NASFW cannot be updated.	To update firmware other than NASFW, continue the update operation. To update firmware including NASFW, cancel the update operation, wait for five minutes or longer, and then retry the operation. If this problem persists, contact customer support.	
33361	005031	A communication error occurred while checking for the NASFWCF version.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	W
33361	005032	The NASFWCF version check cannot be performed.	Click [OK], and then click the close button on the Update Firmware window. After that, fix the error described in the NAS error message, and then retry the operation. For information on how to fix the error, contact customer support provided in the manual. *xxx*	W
33361	005033	NASFWCF cannot be updated with the combination of the specified firmware versions.	Click [OK], and then click the close button on the Update Firmware window. Verify that the firmware version to install on the storage system supports NAS, and then retry the operation. If this problem persists, contact customer support provided in the manual.	W
33361	005034	A communication error occurred while the NASFW version is verified. The NASFW cannot be updated.	Click [OK]. To update firmware other than NASFW, continue the update operation. To update firmware including NASFW, cancel the update operation, wait for five minutes or longer, and then retry the operation. If this problem persists, contact customer support.	W
33361	005035	The NASFW version cannot be verified. The NASFW cannot be updated.	Click [OK]. To update firmware other than NASFW, continue the update operation. To update firmware including NASFW, cancel the update operation, wait for five minutes or longer, and then retry the operation.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			If this problem persists, contact customer support.	
33361	005036	The NASFW cannot be updated with the specified firmware combination.	Click [OK]. To update firmware other than NASFW, continue the update operation. To update firmware including NASFW, cancel the update operation, wait for five minutes or longer, and then retry the operation. If this problem persists, contact customer support.	W
33361	005037	The NASFWCF version check cannot be performed.	Click [OK]. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	W
33361	005041	A communication error occurred while uploading NASFWCF.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	W
33361	005042	An error occurred while uploading NASFW.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	W
33361	005051	A communication error occurred while updating NASFW.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	W
33361	005052	An error occurred while updating NASFW.	Click [OK], and then click the close button on the Update Firmware window. After that, fix the error described in the NAS error message, and then retry the operation. For information on how to fix the error, contact customer support provided in the manual. *xxx*	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
33361	005053	An error occurred while updating NASFW.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	W
33361	005061	A communication error occurred while checking for NASFW update progress.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	W
33361	005062	An error occurred while checking for NASFW update progress.	Click [OK], and then click the close button on the Update Firmware window. After that, fix the error described in the NAS error message, and then retry the operation. For information on how to fix the error, contact customer support provided in the manual. *xxx*	W
33361	005063	An error occurred while checking for NASFW update progress.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	W
33361	005071	A communication error occurred while processing the NASFW update.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	W
33361	005072	An error occurred while applying the NASFW update.	Click [OK], and then click the close button on the Update Firmware window. After that, fix the error described in the NAS error message, and then retry the operation. For information on how to fix the error, contact customer support provided in the manual. *xxx*	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
33361	005073	An error occurred while applying the NASFW update.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	W
33361	009802	The firmware update is available only for GUM because the DKC status is not Ready.	To update firmware other than the GUM firmware, click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a part, restore the part. After that, verify that the DKC status is Ready, and then retry the operation.	W
33361	009803	The firmware update is available only for GUM because communication with DKC is not available.	To update firmware other than the GUM firmware, click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a part, restore the part, and then retry the operation. There is no error or blockage in any part, verify the firmware update setting, and then retry the operation.	W
33361	009804	The firmware update is not available because the DKC status is not Ready.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a part, restore the part. After that, verify that the DKC status is Ready, and then retry the operation.	W
33361	009805	The firmware update is complete.	Click [OK], and then click the close button on the Update Firmware window.	i
33361	009806	The firmware update cannot be completed.	Click [OK]. Connect to GUM on controller board 1 and that on controller board 2 respectively, and then perform Reboot GUM. If the problem persists, contact customer support provided in the manual.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
33361	009807	The online help window cannot be opened.	Fix the problem with the browser, verify that the browser starts up, and then retry the operation.	E
33361	200101	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	200102	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	200197	A time-out error occurred.	Click [OK], and then click the close button on the Update Firmware window. Log in to Maintenance Utility again, and then retry the operation.	E
33361	200201	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	200202	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	200203	The processing cannot continue due to an internal logical contradiction.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	200398	The processing cannot continue due to an internal logical contradiction.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			If this problem persists, contact customer support provided in the manual.	
33361	200399	The processing cannot continue due to an internal logical contradiction.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	200401	The media file is in the invalid format.	Select files.	E
33361	200402	The media file is in the invalid format.	Select files.	E
33361	200403	The media file is in the invalid format.	Select files.	E
33361	200404	The media file is in the invalid format.	Select files.	E
33361	200405	The media file is in the invalid format.	Select files.	E
33361	200406	No files are selected.	Select files.	W
33361	200499	The media file is in the invalid format.	Select files.	E
33361	200501	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	200502	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	200503	The processing cannot continue due to an internal logical contradiction.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
33361	201001	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201002	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201003	The processing cannot continue due to an internal logical contradiction.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201101	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201102	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201103	The processing cannot continue due to an internal logical contradiction.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201201	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			If this problem persists, contact customer support provided in the manual.	
33361	201202	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201203	The processing cannot continue due to an internal logical contradiction.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201301	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201302	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201303	An error occurred while uploading the firmware.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201304	The firmware cannot be updated because the version will be downgraded.	Click [OK]. Fix the error referring to the function codes and names shown on the window, and then retry the operation.	W
33361	201305	An error occurred while uploading the firmware.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			If this problem persists, contact customer support provided in the manual.	
33361	201400	The firmware update is complete.	Click [OK], and then click the close button on the Update Firmware window. To enable the update, close the Firmware window.	i
33361	201401	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201402	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201403	The firmware upload is complete, but an error occurred during the firmware update.	Click [OK], click the close button on the Update Firmware window, and then perform the following procedure. Check the network configuration of the maintenance PC, SVP, and storage system. If a relay server, such as a proxy server, is connected to the network , temporarily use a different network not through the relay server, and then retry the operation. If it is not the case, click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts. When a part is blocked, restore the part, and then retry the operation. When no part is blocked, select DKCMAIN, CHB, and DKB, and then update the firmware. If the update firmware version is the same as the current one, the upload processing is skipped.	E
33361	201404	The firmware cannot be updated because the processor usage rate exceeds *xxx*%.	Click [OK], and then click the close button on the Update Firmware window.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			Reduce I/O to lower the processor usage rate, and then retry the operation. If the problem persists, contact customer support provided in the manual.	
33361	201501	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201502	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201503	The processing cannot continue due to an internal logical contradiction.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201504	GUM is rebooted. The online firmware update continues.	Click [OK]. Wait for about five minutes, connect to GUM, select [Firmware] under Administration. On the Firmware window, verify the firmware update settings. If it is not possible to connect to the GUM, verify the network and the storage system because an error might occur in the network or the storage system.	i
33361	201505	GUM is rebooted. The online firmware update continues.	Click [OK].	i
33361	201601	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
33361	201602	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201603	The firmware upload is complete, but an error occurred during the firmware update.	Click [OK], click the close button on the Update Firmware window, and then perform the following procedure. Check the network configuration of the maintenance PC, SVP, and storage system. If a relay server, such as a proxy server, is connected to the network , temporarily use a different network not through the relay server, and then retry the operation. If it is not the case, click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts. When a part is blocked, restore the part, and then retry the operation. When no part is blocked, select DKCMAIN, CHB, and DKB, and then update the firmware. If the update firmware version is the same as the current one, the upload processing is skipped.	E
33361	201604	An error occurred while updating the firmware.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201701	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201702	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			If this problem persists, contact customer support provided in the manual.	
33361	201703	An error occurred while updating the firmware.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201704	An error occurred while updating the firmware.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201801	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201802	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201803	An error occurred while updating the firmware.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201804	An error occurred while updating the firmware.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201900	The firmware update is complete.	Click [OK], and then click the close button on the Update Firmware window.	i

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			To enable the update, close the Firmware window.	
33361	201901	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201902	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201903	An error occurred while updating the firmware.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201904	An error occurred while updating the firmware.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	201905	An error occurred while updating the firmware.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	202001	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	202002	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	
33361	202003	The processing cannot continue due to an internal logical contradiction.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	202004	To implement the firmware update, it is necessary to reboot the GUM forcibly.	Click [OK], and then click the close button on the Update Firmware window. Click [System Management] under Menu, and then click [Reboot GUM] to reboot the GUM.	W
33361	202101	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	202102	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	202103	The processing cannot continue due to an internal logical contradiction.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	202201	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
33361	202202	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	202203	The processing cannot continue due to an internal logical contradiction.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	202301	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	202302	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	202303	The processing cannot continue due to an internal logical contradiction.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	202401	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	202402	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			If this problem persists, contact customer support provided in the manual.	
33361	202403	The processing cannot continue due to an internal logical contradiction.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	202501	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	202502	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	202503	The processing cannot continue due to an internal logical contradiction.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	202601	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	202602	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
33361	202603	The processing cannot continue due to an internal logical contradiction.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	202605	A time-out error occurred on the GUM.	Click [OK], and then click the close button on the Update Firmware window. Click [System Management] under Menu, and then click [Reboot GUM] to reboot the GUM.	E
33361	202606	A time-out error occurred on the GUM.	Click [OK], and then click the close button on the Update Firmware window. Click [System Management] under Menu, and then click [Reboot GUM] to reboot the GUM.	E
33361	202607	A time-out error occurred on the GUM.	Click [OK], and then click the close button on the Update Firmware window. Click [System Management] under Menu, and then click [Reboot GUM] to reboot the GUM.	E
33361	202701	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	202702	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	202703	The processing cannot continue due to an internal logical contradiction.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	202801	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			If this problem persists, contact customer support provided in the manual.	
33361	202802	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	202803	The processing cannot continue due to an internal logical contradiction.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	202901	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	202902	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	202903	The processing cannot continue due to an internal logical contradiction.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	203000	Firmware renewal was completed and reboot.	Click [OK]. Wait for about five minutes, connect to GUM, select [Firmware] under Administration. On the Firmware window, verify the firmware update settings. If it is not possible to connect to the GUM, verify the network and the storage system	i

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			because an error might occur in the network or the storage system.	
33361	203001	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	203002	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	203003	The processing cannot continue due to an internal logical contradiction.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	203101	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	203102	The firmware cannot be updated because communication with DKC is not available.	Click [OK], and then click the close button on the Update Firmware window. Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a part, restore the part, and then retry the operation. If there is no error or blockage in any part, verify the firmware update setting, and then retry the operation.	W
33361	203103	The firmware update cannot be completed.	Click [OK], and then click the close button on the Update Firmware window. Log in to Maintenance Utility again, and then retry the operation.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
33361	203104	The user session is not valid.	Click [OK], and then click the close button on the Update Firmware window. Log in to Maintenance Utility again, and then retry the operation.	W
33361	203105	An error occurred on the server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	203106	An error occurred on the storage system.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	203107	An error occurred on the server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	203108	The user session is not valid.	Click [OK], and then click the close button on the Update Firmware window. Log in to Maintenance Utility again, and then retry the operation.	W
33361	203109	An error occurred on the storage system.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	203110	The operation cannot be performed because an operation by a different user is in progress.	Click [OK], and then click the close button on the Update Firmware window. Wait for a while, and then retry the operation.	W
33361	203111	An error occurred on the storage system.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			If this problem persists, contact customer support provided in the manual.	
33361	203112	An error occurred on the storage system.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	203113	An error occurred on the server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	203114	An error occurred on the server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	203115	An error occurred on the server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	203201	The system lock cannot be released.	Click [OK], and then click the close button on the Update Firmware window. Perform the following procedure. • Connect to GUM on controller board 1 and that on controller board 2 respectively, and then perform Reboot GUM. • Perform Force Release System Lock to unlock the system.	W
33361	203202	The system lock cannot be released.	Click [OK], and then click the close button on the Update Firmware window. Perform the following procedure. • Connect to GUM on controller board 1 and that on controller board 2 respectively, and then perform Reboot GUM.	W

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			• Perform Force Release System Lock to unlock the system.	
33361	203203	The system lock cannot be released.	Click [OK], and then click the close button on the Update Firmware window. Perform the following procedure. • Connect to GUM on controller board 1 and that on controller board 2 respectively, and then perform Reboot GUM. • Perform Force Release System Lock to unlock the system.	W
33361	203501	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	203502	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	203503	The firmware update files cannot be verified.	Click [OK], and then click the close button on the Update Firmware window. Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts. When a part is blocked, restore the blocked part, and then retry the operation.	E
33361	203601	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	203602	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			If this problem persists, contact customer support provided in the manual.	
33361	203603	An error occurred while uploading the firmware.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	203604	The processing cannot continue due to an internal logical contradiction.	Please call the Technical Support Division.	E
33361	203701	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	203702	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	203703	The processing cannot continue due to an internal logical contradiction.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	203801	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	203802	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			If this problem persists, contact customer support provided in the manual.	
33361	203803	The processing cannot continue due to an internal logical contradiction.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	205101	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	205102	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	205103	The processing cannot continue due to an internal logical contradiction.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	205201	A time-out error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	205202	An error occurred during communication with the web server.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
33361	205203	The processing cannot continue due to an internal logical contradiction.	Click [OK], and then click the close button on the Update Firmware window. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E
33361	205301	A time-out error occurred during communication with the web server. The NASFW cannot be updated.	Click [OK]. To update firmware other than NASFW, continue the update operation. To update firmware including NASFW, cancel the update operation, wait for five minutes or longer, and then retry the operation. If this problem persists, contact customer support.	W
33361	205302	An HTTP error occurred on the web server. The NASFW cannot be updated.	Click [OK]. To update firmware other than NASFW, continue the update operation. To update firmware including NASFW, cancel the update operation, wait for five minutes or longer, and then retry the operation. If this problem persists, contact customer support.	W
33361	205303	The processing cannot continue due to an error. The NASFW cannot be updated.	Click [OK]. To update firmware other than NASFW, continue the update operation. To update firmware including NASFW, cancel the update operation, wait for five minutes or longer, and then retry the operation. If this problem persists, contact customer support.	W
33361	208000	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
33361	208001	The firmware cannot be changed to the version that does not support the accelerated compression because the storage system contains parity groups with the accelerated compression enabled.	Perform one of the following: • Specify a firmware version that supports the accelerated compression, and then make the update. • Disable the accelerated compression on all parity groups, and then change the firmware to a version that does not support the accelerated compression.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
33361	208002	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
33361	209120	The combination of the selected DKCMAIN and DKB firmware versions is not valid.	Select the DKCMAIN and DKB firmware, and then retry the operation.	E
33361	209121	The combination of the selected DKCMAIN and CHB(FC16G) firmware versions is not valid.	Select the DKCMAIN and CHB(FC16G) firmware, and then retry the operation.	E
33361	209122	The combination of the selected DKCMAIN and CHB(iSCSI) firmware versions is not valid.	Select the DKCMAIN and CHB(iSCSI) firmware, and then retry the operation.	E
33361	209123	The combination of the selected DKCMAIN and CHB(FC32G) firmware versions is not valid.	Select the DKCMAIN and CHB(FC32G) firmware, and then retry the operation.	E
33361	209999	The processing cannot continue due to an internal logical contradiction.	Click [OK]. Wait for five minutes or longer, and then update the firmware again. If this problem persists, contact customer support provided in the manual.	E

Part code 33462

Table 18-4 Error codes (part code 33462)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
33462	200001	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
33462	200003	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
33462	200005	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
33462	200006	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
33462	200065	The firmware upload is complete, but an error occurred during the firmware update.	Click [OK], click the close button on the Update Firmware window, and then perform the following procedure. Check the network configuration of the maintenance PC, SVP, and storage system. If a relay server, such as a proxy server, is connected to the network ,	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			temporarily use a different network not through the relay server, and then retry the operation. If it is not the case, click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts. When a part is blocked, restore the part, and then retry the operation. When no part is blocked, select DKCMAIN, CHB, and DKB, and then update the firmware. If the update firmware version is the same as the current one, the upload processing is skipped.	
33462	200201	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
33462	200202	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
33462	200203	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E

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Message (part code group 34nnn)

This chapter includes the error messages with the part code 34062.

- Part code 34062

Part code 34062

Table 19-1 Error codes (part code 34062)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
34062	203101	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
34062	203102	The storage system is busy.	Wait for a while, and then retry the operation. If this problem persists, contact customer support.	W
34062	203103	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
34062	203104	The client certificate file of the primary server or the password is not valid.	Specify the correct client certificate file or password. If the valid client certificate file and password are specified, contact customer support.	E
34062	203105	The root certificate file of the primary server is not valid.	Select the correct root certificate file. If the valid root certificate file is selected, contact customer support.	E
34062	203106	The client certificate file of the secondary server or the password is not valid.	Specify the correct client certificate file or password. If the valid client certificate file and password are specified, contact customer support.	E
34062	203107	The root certificate file of the secondary server is not valid.	Select the correct root certificate file. If the valid root certificate file is selected, contact customer support.	E
34062	203201	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
34062	203202	The storage system is busy.	Wait for a while, and then retry the operation. If this problem persists, contact customer support.	W
34062	203203	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
34062	203301	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
34062	203302	The storage system is busy.	Wait for a while, and then retry the operation. If this problem persists, contact customer support.	W
34062	203303	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
34062	203401	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
34062	203402	The storage system is busy.	Wait for a while, and then retry the operation. If this problem persists, contact customer support.	W
34062	203403	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
34062	203501	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
34062	203502	The storage system is busy.	Wait for a while, and then retry the operation. If this problem persists, contact customer support.	W
34062	203503	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
34062	203504	The client certificate file or the password of the primary server on the [Syslog] tab is not valid.	Specify the correct client certificate file or password. If the valid client certificate file and password are specified, contact customer support.	E
34062	203505	The root certificate file of the primary server on the [Syslog] tab is not valid.	Select the correct root certificate file. If the valid root certificate file is selected, contact customer support.	E
34062	203506	The client certificate file or the password of the secondary server on the [Syslog] tab is not valid.	Specify the correct client certificate file or password. If the valid client certificate file and password are specified, contact customer support.	E
34062	203507	The root certificate file of the secondary server on the [Syslog] tab is not valid.	Select the correct root certificate file. If the valid root certificate file is selected, contact customer support.	E
34062	203601	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
34062	203602	The storage system is busy.	Wait for a while, and then retry the operation. If this problem persists, contact customer support.	W
34062	203603	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
34062	203701	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E
34062	203702	The storage system is busy.	Wait for a while, and then retry the operation. If this problem persists, contact customer support.	W
34062	203703	An internal error occurred on the storage system.	If this problem persists, contact customer support.	E

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Message (part code group 35nnn)

This chapter includes the error messages with the part code 35162 to 35261.

- Part code 35162
- Part code 35261

Part code 35162

Table 20-1 Error codes (part code 35162)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
35162	200001	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
35162	200002	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
35162	200003	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
35162	200004	An error occurred in Edit UPnP Setting on the controller board to which Maintenance Utility is connected.	Retry the operation. If this problem persists, contact customer support.	E
35162	200005	An error occurred in Edit UPnP Setting on the controller board to which Maintenance Utility is not connected.	Retry the operation. If this problem persists, contact customer support.	E

Part code 35261

Table 20-2 Error codes (part code 35261)

Part Code	Error Number	Error Message	Recommended Action	Severity Level
35261	201000	A time-out error occurred during communication with the web server.	Wait for a while, and then retry the operation. If this problem persists, contact customer support.	E
35261	201001	An HTTP error occurred on the web server.	Wait for a while, and then retry the operation. If this problem persists, contact customer support.	E
35261	202000	An error occurred while preparing the installation of the NAS unified firmware.	Wait for a while, and then retry the operation. If this problem persists, contact customer support.	E
35261	202001	An error occurred while preparing the installation of the NAS unified firmware.	Wait for a while, and then log in again.	E
35261	202002	A session time-out error occurred.	Log in again, and then retry the operation.	E
35261	202003	The NAS unified firmware cannot be installed.	Perform the recovery procedure for when the NAS unified firmware cannot be installed in the manual, and then install the NAS unified firmware again. If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
35261	202004	The NAS unified firmware cannot be configured.	Perform the procedure "Non volatilization power-off and restarting" in the manual to power off and on the storage system, and then turn on the main switch.	E
35261	202005	The NAS unified firmware cannot be configured.	Perform the procedure "Non volatilization power-off and restarting" in the manual to power off and on the storage system, and then turn on the main switch.	E
35261	202006	The NAS unified firmware cannot be installed.	Perform the procedure "Non volatilization power-off and restarting" in the manual to power off and on the storage system, and then turn on the main switch. After that, delete all LDEVs in the parity group specified for installation, remove the NAS unified firmware, and then install the firmware again. If this problem persists, contact customer support.	E
35261	202007	A time-out error occurred during installation of the NAS unified firmware.	Verify corrective actions for the error code in the maintenance manual. If this problem persists, contact customer support.	E
35261	202008	A time-out error occurred during installation of the NAS unified firmware.	Follow the procedure in the manual to delete all LDEVs in the parity group specified for installation, and then remove the NAS unified firmware. After the removal, install the firmware again. If this problem persists, contact customer support.	E
35261	202009	A time-out error occurred during installation of the NAS unified firmware.	Perform the procedure "Non volatilization power-off and restarting" in the manual to power off and on the storage system, turn on the main switch, and then install the firmware again. If this problem persists, contact customer support.	E
35261	202010	A time-out error occurred during installation of the NAS unified firmware.	Perform the procedure "Non volatilization power-off and restarting" in the manual to power off and on the storage system, turn on the main switch, and then install the firmware again. If this problem persists, contact customer support.	E
35261	202011	The NAS unified firmware cannot be installed.	Perform the recovery procedure for when the NAS unified firmware cannot be installed in the manual, and then install the NAS unified firmware again. If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
35261	202012	An internal error occurred on the storage system.	Contact customer support.	E
35261	202013	The NAS unified firmware cannot be installed because the combination of the DKCMAIN and unified hypervisor firmware versions is not valid.	Perform the recovery procedure for when the NAS unified firmware cannot be installed in the manual, update all firmware on the storage system to the latest, and then install the NAS unified firmware again. If this problem persists, contact customer support.	E
35261	202014	The NAS unified firmware cannot be installed because the NAS platform (system LU) is blocked.	Perform the recovery procedure for when the NAS unified firmware cannot be installed in the manual. Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a part, restore the part, and then install the NAS unified firmware again. If this problem persists, contact customer support.	E
35261	202015	The NAS unified firmware cannot be installed because the NAS module has an failure or is blocked.	Perform the recovery procedure for when the NAS unified firmware cannot be installed in the manual. Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a part, restore the part, and then install the NAS unified firmware again. If this problem persists, contact customer support.	E
35261	202016	The NAS unified firmware cannot be installed because an error occurred while reading data from the CFM.	Perform the recovery procedure for when the NAS unified firmware cannot be installed in the manual. Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. When an error or a blockage occurred in a part, restore the part, and then install the NAS unified firmware again. With no error or blockage in any part, update all firmware on the storage system to the latest version, and then install the NAS unified firmware again. If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
35261	202017	An internal error occurred on the storage system. The unified hypervisor cannot be initialized.	Contact customer support.	E
35261	202018	An internal error occurred on the storage system. The unified hypervisor status is not valid.	Contact customer support.	E
35261	202019	The NAS unified firmware cannot be installed because a timeout error occurred during the unified hypervisor startup.	Contact customer support.	E
35261	202020	An internal error occurred on the storage system. The NAS platform status is not valid.	Contact customer support.	E
35261	202021	An internal error occurred on the storage system. More specifically, a timeout error occurred during the NAS platform startup.	Contact customer support.	E
35261	202022	The NAS unified firmware cannot be installed because the unified hypervisor is in the abnormal state.	Perform the recovery procedure for when the NAS unified firmware cannot be installed in the manual, and then install the NAS unified firmware again. If this problem persists, contact customer support.	E
35261	202023	The NAS unified firmware cannot be installed because a timeout error occurred while reading NASFWINST.	Perform the recovery procedure for when the NAS unified firmware cannot be installed in the manual, and then install the NAS unified firmware again. If this problem persists, contact customer support.	E
35261	202024	The NAS unified firmware cannot be installed because NASFWINST ended abnormally or a timeout error occurred.	Perform the recovery procedure for when the NAS unified firmware cannot be installed in the manual, and then install the NAS unified firmware again. If this problem persists, contact customer support.	E
35261	202025	The NAS unified firmware cannot be installed because a timeout error occurred during the internal processing.	Perform the recovery procedure for when the NAS unified firmware cannot be installed in the manual, and then install the NAS unified firmware again. If this problem persists, contact customer support.	E
35261	202026	The NAS unified firmware cannot be installed because the dump data of the unified hypervisor is being collected.	Perform the recovery procedure for when the NAS unified firmware cannot be installed in the manual, and then install the NAS unified firmware again. If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
35261	202027	The NAS unified firmware cannot be installed because the hypervisor network module is being reset.	Perform the recovery procedure for when the NAS unified firmware cannot be installed in the manual, and then install the NAS unified firmware again. If this problem persists, contact customer support.	E
35261	202028	The NAS unified firmware cannot be installed because NASFWINST is being started.	Perform the recovery procedure for when the NAS unified firmware cannot be installed in the manual, and then install the NAS unified firmware again. If this problem persists, contact customer support.	E
35261	202029	The NAS unified firmware cannot be installed because the unified hypervisor is not started.	Reset the unified hypervisor, and then retry the operation. If this problem persists, contact customer support.	E
35261	202030	The NAS unified firmware cannot be installed because the unified hypervisor is in the abnormal state.	Reset the unified hypervisor, and then retry the operation. If this problem persists, contact customer support.	E
35261	202031	The NAS unified firmware cannot be installed because a timeout error occurred while reading NASFWINST.	Reset the unified hypervisor, and then retry the operation. If this problem persists, contact customer support.	E
35261	202032	The NAS unified firmware cannot be installed because NASFWINST ended abnormally or a timeout error occurred.	Reset the unified hypervisor, and then retry the operation. If this problem persists, contact customer support.	E
35261	202034	The NAS unified firmware cannot be installed because the combination of the DKCMAIN and unified hypervisor firmware versions is not valid.	Update all firmware on the storage system to the latest, and then install the NAS unified firmware again. If this problem persists, contact customer support.	E
35261	202035	The NAS unified firmware cannot be installed because a timeout error occurred during the internal processing.	Retry the operation. If this problem persists, contact customer support.	E
35261	202036	The NAS unified firmware cannot be installed because the unified hypervisor is in the abnormal state.	Retry the operation. If this problem persists, contact customer support.	E
35261	202037	The NAS unified firmware cannot be installed because the unified hypervisor is in the abnormal state.	Wait for a while, and then retry the operation. If this problem persists, contact customer support.	E
35261	202038	The NAS unified firmware cannot be installed because the dump data of the unified hypervisor is being collected.	Wait for a while, and then retry the operation. If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
35261	202039	The NAS unified firmware cannot be installed because the hypervisor network module is being reset.	Wait for a while, and then retry the operation. If this problem persists, contact customer support.	E
35261	202040	The NAS unified firmware cannot be installed because NASFWINST is being started.	Wait for a while, and then retry the operation. If this problem persists, contact customer support.	E
35261	202041	The NAS unified firmware cannot be installed.	Perform the recovery procedure for when the NAS unified firmware cannot be installed in the manual, and then install the NAS unified firmware again. If this problem persists, contact customer support.	E
35261	202042	The NAS unified firmware cannot be installed because an error occurred while reading data from the CFM.	Perform the recovery procedure for when the NAS unified firmware cannot be installed in the manual. Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a part, restore the part, and then install the NAS unified firmware again. If this problem persists, contact customer support.	E
35261	202043	The NAS unified firmware cannot be installed because NASFWINST cannot be started.	Perform the recovery procedure for when the NAS unified firmware cannot be installed in the manual, and then install the NAS unified firmware again. If this problem persists, contact customer support.	E
35261	202044	The NAS unified firmware cannot be installed.	Perform the recovery procedure for when the NAS unified firmware cannot be installed in the manual, and then install the NAS unified firmware again. If this problem persists, contact customer support.	E
35261	202045	The NAS unified firmware cannot be installed.	Perform the recovery procedure for when the NAS unified firmware cannot be installed in the manual, and then install the NAS unified firmware again. If this problem persists, contact customer support.	E
35261	202046	The NAS unified firmware cannot be installed.	Perform the recovery procedure for when the NAS unified firmware cannot be installed in the manual, and then install the NAS unified firmware again. If this problem persists, contact customer support.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
35261	202047	The NAS unified firmware cannot be installed.	Perform the recovery procedure for when the NAS unified firmware cannot be installed in the manual, and then install the NAS unified firmware again. If this problem persists, contact customer support.	E
35261	202048	The NAS unified firmware cannot be installed.	Perform the recovery procedure for when the NAS unified firmware cannot be installed in the manual, and then install the NAS unified firmware again. If this problem persists, contact customer support.	E
35261	202049	The NAS unified firmware cannot be installed.	Perform the recovery procedure for when the NAS unified firmware cannot be installed in the manual, and then install the NAS unified firmware again. If this problem persists, contact customer support.	E
35261	202050	The NAS unified firmware has been installed, but an error occurred during the startup process.	Click the refresh button to have the latest information displayed on the Maintenance Utility main window, and then verify the status of parts and alert information. If an error or a blockage occurred in a part, restore the part. Because high cache write pending may affect the startup processing, reducing the load on the cache is recommended. If this problem persists, contact customer support.	E
35261	204000	A global IP address is currently set for the internal network. To install the NAS unified firmware, a private IP address needs to be set to the internal network.	Set a private IP address for the internal network on the Set Up Network Settings window of Maintenance Utility, and then retry the operation.	W
35261	204001	An internal error occurred on the storage system.	Retry the operation. If this problem persists, contact customer support.	E
35261	204360	Maintenance for the PC is not connected.	Verify the connection between the maintenance PC and the storage system and the IP address setting on the LAN port for maintenance.	E
35261	205000	The format of the selected NAS unified firmware file is not valid.	Verify that the selected file is the NAS unified firmware file.	W
35261	205001	No NAS unified firmware file is selected.	Select an NAS unified firmware file.	W
35261	206000	The selected NAS unified firmware file cannot be copied.	Verify the setting of the IIS-FTP server on the maintenance PC.	E
35261	206001	The selected NAS unified firmware file cannot be copied.	Reserve *xxx* or more space on C Drive, and then retry the operation.	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
35261	206002	A time-out error occurred while the NAS unified firmware file is being copied.	Wait for a while, and then retry the operation. If this problem persists, contact customer support.	E
35261	206003	Do not stop Java because the NAS unified firmware is being installed.	Wait until the installation is complete.	i
35261	206004	The NAS unified firmware cannot be installed.	Connect the maintenance PC to the maintenance LAN port on CTL1, and then retry the operation.	E
35261	206005	A session time-out error occurred.	Perform Reboot GUM.	E
35261	206006	The online help window cannot be opened.	Fix the problem with the browser, verify that the browser starts up, and then retry the operation.	E
35261	206007	The NAS unified firmware cannot be installed because the licenses of the required program products are not enabled.	Enable the licenses for Open Volume Management and Resource Partition Manager, and then retry the operation. If this problem persists, contact customer support.	E
35261	206008	The NAS unified firmware cannot be installed, because the available parity groups or pools do not exist.	Create parity groups or pools with 500 GB or greater space, and then retry the operation. For requirements of available parity groups and pools, see the manual. If this problem persists, contact customer support provided in the manual.	E
35261	206009	The NAS unified firmware cannot be installed because the required firmware is not installed.	Install the firmware of Unified Hypervisor and NASFWINST from the media, and then retry the operation. If this problem persists, contact customer support.	E
35261	206010	The selected firmware version does not match the firmware version installed on *xxx* .	Select the same firmware version as the installed one, and then retry the operation. If this problem persists, contact customer support.	W
35261	206011	The operation cannot be performed because the firmware version installed on *xxx* is unknown.	Contact customer support.	W
35261	207000	An unexpected error occurred on the client side.	Wait for a while, and then retry the operation. If this problem persists, contact customer support.	E
35261	208000	The operation cannot be performed because a different user operation is in progress.	Wait for a while, and then retry the operation.	E
35261	208001	The NAS unified firmware cannot be installed.	Contact the administrator of the storage system to verify that performing Force Release System Lock does not cause	E

Part Code	Error Number	Error Message	Recommended Action	Severity Level
			any problems, perform Force Release System Lock, and then retry the operation.	
35261	209000	The NAS unified firmware has been installed. GUM is restarting.	Wait for a while, and then log in.	i
35261	209001	The NAS unified firmware will be installed on CTL*xxx* again.	To continue, click [OK].	i
35261	209002	The NAS unified firmware has been installed.	Wait for a while, and then log in.	i
35261	209003	Re-installing the NAS unified firmware needs target nodes to be removed from the NAS cluster.	To verify the configuration of the NAS cluster and nodes, click [Cancel] and use NAS Manager. To continue, click [OK].	W
35261	209004	If the NAS unified firmware is installed on the selected pool, the used pool capacity will exceed the warning threshold.	To change the installation destination, click [Cancel], and then select a pool again. To continue, click [OK].	W
35261	209005	If the NAS unified firmware is installed on the selected pool, the used pool capacity will exceed the depletion threshold.	To change the installation destination, click [Cancel], and then select a pool again. To continue, click [OK].	W
35261	209006	The current DKCMAIN firmware version does not support the firmware installation on a pool. Only the installation on a parity group can be performed.	To install the firmware on a pool, update the DKCMAIN firmware, and then retry the operation.	W

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