HITACHI
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Hitachi Freedom Storage™
Lightning 9900™
Remote Console Error Codes

Trademarks

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Preface

This *Hitachi Freedom Storage ™ Lightning 9900 ™ Remote Console Error Codes* provides a comprehensive list of the error codes for the 9900 Remote Console.

This user's guide assumes that:

- the user has a background in data processing and understands direct-access storage device (DASD) subsystems and their basic functions,

- the user is familiar with the Hitachi Freedom Storage™ Lightning 9900™ array subsystem, and

- the user is familiar with the Windows 95®, Windows 98®, or Windows NT® operating systems.

For further information on the Hitachi Freedom 9900 subsystem, please refer to the *Hitachi Freedom Storage ™ Lightning 9900 ™ User and Reference Guide* (MK-90RD008-0), or contact your Hitachi Data Systems account team. The Hitachi Data Systems worldwide web site (http://www.hds.com) also provides information on the 9900 subsystem and its features and functions.

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

Note: The use of the Hitachi Freedom Storage™ Lightning 9900™ remote console, the RMCMAIN software product and any optional functions is governed by the terms of the applicable license and other agreement(s) with Hitachi Data Systems.

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Table 1.1   Error Codes

Error Number	Error Message	Recommended Action
2001	Please retry operation. (Error Code = %04x)	Remote Console requires retry operation for HRC and HODM. Retry the operation.
2002	Logical Path between the MCU and the RCU is not active.	Logical Path does not exist between MCU and RCU. Check the path status on RCU Status screen, and reestablish the paths with Edit Path.
2003	The pair status of the M-VOL is not valid.	The pair status is not a permissible status for this operation. Renew and check the HRC & HODM screen. If the M-VOL status permits the operation, retry the operation.
2004	Invalid serial number or SSID of RCU, or RCU is not permissible type for Remote Copy operation.	Invalid serial number or SSID for this operation. Either the RCU is not a proper machine type for HRC or the RCU's controller is not the proper type for HODM. Check the serial number and SSID of the RCU, and set the correct value.
2005	The specified RCU or SSID has some Remote Copy volume pairs.	Delete RCU is rejected because there are pairs established in the RCU. Delete the pairs that apply to that RCU and then retry the delete RCU operation.
2006	An internal error occurred.	An internal error has occurred. Please call the Hitachi Data Systems Technical Support center.
2007	NVS status of MCU is not active.	The MCU NVS status specified by the host is not active. Set the NVS to "on" for the MCU, using any attached host, then retry the operation.
2008	NVS status of RCU is not active.	The RCU NVS status specified by the host is not active. Set the NVS to "on" for the MCU, using any attached host, then retry the operation.
2009	The logical paths between MCU and RCU are not established.	Check the path status between the MCU and the RCU.
2010	Pinned track exist on the M-VOL.	Check the status of the M-VOL tracks, and clear the pinned tracks.
2011	Pinned track exist on the R-VOL	Check the status of the R-VOL tracks, and clear the pinned tracks.
2012	The specified M-VOL is not in permissible condition of Remote Copy.	The M-VOL is not available for the requested operation, because of one or more of the following: 1. The volume is blocked. 2. The volume is under maintenance. 3. The volume is copying data (correction copy or drive copy). 4. The volume is correction access condition. Check the logical device status of the specified M-VOL. If the M-VOL is either under maintenance or is copying data, retry the operation after the process is completed.
2013	The R-VOL is already used by other system. (Error Code = %04x	The specified R-VOL is already in use. Examples include: 1. The R-VOL is already being used by Dual Copy. 2. The R-VOL is already being used by HRC or HORC. 3. The R-VOL is already being used by pprc or HRC. 4. The R-VOL is already being used by Concurrent Copy. 5. The R-VOL is reserved. 6. The R-VOL already being used by HMRCF. Check the R-VOL status of the RCU from either the Host or the SVP.
2014	Remote Copy is not supported under the Device emulation type of the M-VOL. (Error Code = %04x)	The emulation type of the M-VOL does not support HRC. If you want to use HRC, please call the Hitachi Data Systems Technical Support center.
2015	Specified volume is not part of Remote Copy pair.	The specified volume is not part of a remote copy pair. Please check the volume.

Error Number	Error Message	Recommended Action
2016	Remote Copy is not supported under the Controller emulation type of the MCU.	The emulation type of the MCU does not support HRC. If you want to use HRC, please call the Hitachi Data Systems Technical Support center.
2017	Suspend (Pairsplit-r) operation is not valid for R-VOL. (Error Code = %04x)	Suspend mode is not valid for the R-VOL. Check the volume and retry.
2018	Invalid R-VOL.	Please check the R-VOL status.
2019	Time out error has occurred.	Retry the operation. If you get the same message again, reboot the PC. If necessary, please call the Hitachi Data Systems Technical Support center.
2020	Invalid parameter.	Please check the value of the specified parameter and retry.
2021	Microcode does not support this function.	The level of the DKCMAIN microprogram does not support this function. If you want to use this function, please call the Hitachi Data Systems Technical Support Center.
2023	Communication busy. Please retry later.	Repeat the operation.
2024	There is no CU.	Please check the CPU display.
2025	There is a same path.	The path you defined already exists. Please verify the path number and retry the operation.
2026	The number of paths exceeded the upper limit.	The number of specified paths has exceeded the maximum limit. Please verify the specified path number.
2027	The path does not exist.	The specified path does not exist, please verify the path and retry the operation.
2029	The CHA does not support Remote Copy.	The CHA does not support HRC or HODM.
2030	There are other blocked parts.	The Remote Console has detected a blockage in the connected controller that affects HRC operations. Please call the Hitachi Data Systems Technical Support Center.
2031	Maintenance object devices included Remote Copy volumes. You should delete the Remote Copy volume pair.	The SVP has detected that the remote copy volumes are under maintenance. Please select [OK] to stop the operation and delete the HRC/HODM volume pair.
2034	Maintenance object devices include Remote Copy volumes. You should delete the Remote Copy volume pair using SVP operation on MCU.	The SVP has detected that the remote copy volumes are under maintenance. Please select [OK] to stop the operation and delete the HRC/HODM volume pair using the SVP operation on the MCU.
2035	You should suspend the Remote Copy volume pair using SVP operation on MCU. Do you want to stop this process?	The SVP should be used for this process. Select [Yes], to stop the process on the Remote Console, then continue the operation on the SVP. Select [No] to allow the Remote Console to continue the process.
2036	You should delete or suspend the Remote Copy volume pair using SVP operation on MCU. Do you want to stop this process?	The SVP should be used for this process. Select [Yes], to stop the process on the Remote Console, then continue the operation on the SVP. Select [No] to allow the Remote Console to continue the process.
2039	The number of paths is invalid. (Error Code = %04x).	The specified number of paths is not within the acceptable path range (0 – 4). Please verify the number of paths and retry the operation.
2040	Specified port of MCU is not RCP.	Check the configuration of the LCP/RCP, then either specify the correct Port or change the port to RCP.

Error Number	Error Message	Recommended Action
2041	Invalid Destination Link Address.	The specified logical address must be either 00 or 01. Check the logical address and retry the operation.
2042	The specified logical path already exists.	The specified Link address and port are already used. Check all existing logical path address, and specify other Link address or RCP port.
2043	Invalid serial number, SSID or Link Address of RCU.	Check serial number, SSID and Link Address of RCU, and set the correct value.
2044	Too many RCUs. (Allowed Four RCUs) (Error Code = %04x)	A maximum of four RCUs are permitted, and that many already exist.
2045	Path establishing is not complete. (Error Code = %04x)	Check the path connections between the MCU and the RCU, then retry the operation.
2046	Path establishing is failed. (Error Code = %04x)	Check the path connections between the MCU and the RCU, then retry the operation.
2047	The Edit Path operation was rejected because the specified path is the last path of some Remote Copy pair.	Add another path, or delete all pairs on the RCU. Then retry the operation.
2048	Pending data exist on the port. (Error Code = %04x)	Add another path, or delete all pairs on the RCU. Then retry the operation.
2049	A port exchange error occurred.	The Remote Console detected a port exchange error. Please contact the Hitachi Data Systems Technical Support Center.
2050	Logical paths exist on the port. (Error Code = %04x)	The Remote Console detected a logical path (S/390) on the port. Please delete the path(s) and retry the operation.
2051	Unknown Error Code. (Error Code = %04x)	The Remote Console detected an unknown error code. Please call the Hitachi Data Systems Technical Support center.
2052	Are you sure you want to delete the RCU?	This message confirms your request to delete the RCU. Select [OK] to delete the RCU or select [Cancel] to stop the operation.
2053	Are you sure you want to delete the path?	This message confirms your request to delete the specified path. Select [OK] to delete the path or select [Cancel] to end the operation.
2054	Are you sure you want to delete the volume pair?	This message confirms your request to delete the volume pair. Select [OK] to delete the volume pair or select [Cancel] to stop the operation.
2055	Are you sure you want to suspend the volume pair?	This message confirms your request to suspend the volume pair. Select [OK] to suspend the volume pair or select [Cancel] to stop the operation.
2056	Are you sure you want to erase data on the R-VOL?	This message confirms your request to erase data on the R-VOL. Select [OK] to erase the data or select [Cancel] to stop the operation.
2057	Are you sure you want to exchange LCP/RCP ports? Please confirm the concerned channel paths are varied off-line.	This message confirms your request to switch ports. The corresponding paths should be varied offline. Select [OK] to continue the operation, or select [Cancel] to stop the operation.
2058	Exchange the channel cable connections.	The channel cable connections need to be exchanged. Please call the Hitachi Data Systems Technical Support center.
2059	Remote data copy in progress. Please wait for copy end or you should delete or suspend the Remote Copy volume pair. Do you want to stop this process?	Remote Copy is in the process of copying data. Select [Yes] if you want to stop the process and delete or suspend the pair. Select [No] if you want to wait until the copy process is completed.

Error Number	Error Message	Recommended Action
2060	The Remote Copy volume pair must be suspended. No maintenance operations are possible during Remote initial copy. Do you want to stop this process?	Select [Yes] if you want the Remote Console to suspend the volume pair and stop the initial copy process. Select [No] if you want the Remote Console to continue the process.
2061	Operation is rejected because of maintenance in progress.	This operation was rejected because the connected 9900 was in maintenance mode. Verify that the 9900 is available to the Remote Console. If the problem persists, please call the Hitachi Data Systems Technical Support Center.
2062	No more volume pair waiting for copy. (Error Code = %04x)	Please check the pair status and retry.
2063	A communication error occurred between the Console and the SVP. (Error Code = %04x)	A communication error has occurred. Verify that the Remote Console is properly connected to the 9900 internal LAN and the SVP. If the problem persists, please call the Hitachi Data Systems Technical Support Center.
2064	Are you sure you want to exchange RCP/LCP ports? The concerned paths should be deleted before the operation.	A communication error has occurred. Verify that the Remote Console is properly connected to the 9900 internal LAN. If the problem persists, please call the Hitachi Data Systems Technical Support Center.
2065	Invalid port type. (Error Code = %04x)	Please check the port status and retry.
2066	Timer setting error has occurred. Wait for 30 seconds, then press [OK].	A timer setting error occurred. Wait for 30 seconds, and then select [OK].
2068	Specified number of Path is less than the Minimum Paths on RCU Option screen. (Error Code = %04x)	The specified number of paths is less than the minimum number of paths specified on the RCU Option panel.
2069	Currently running microprogram version does not support the specified operation.	The version of the microcode on the 9900 subsystem does not support the specified function or operation. Please contact the Hitachi Data Systems Technical Support Center.
2070	Specified M-VOL may be online from HOST. (Error Code = %04x)	HODM cannot start because the volume is online. Please vary the path offline and retry.
2071	R-VOL status change failed after M-VOL status change. Confirm R-VOL status.	Confirm the R-VOL status.
2072	HODM volume pair cannot be terminated because migration copy is in progress and the specified volume may be online from HOST. (Error Code = %04x)	HODM could not be started. Check the status of the volume, because the specified volume may be online, or migration copy may be in progress.
2079	Remote data copy in progress. Please wait for copy end or you should delete or suspend the Remote Copy volume pair using SVP operation on MCU. Do you want to stop this process?	You should either wait until HRC/HODM is finished copying or delete or suspend the HRC/HODM pair from the MCU and retry the operation. Select [Yes] to stop the process.
2080	Specified R-VOL is still online from HOST. (Error Code = %04x)	Please check if the input number of R-VOL is correct. If not, enter the correct R-VOL number. If the number is correct, please vary the specified path offline.

Error Number	Error Message	Recommended Action
2081	A connection error occurred between Remote Console and Subsystem.	The Remote Console could not connect to the 9900. Verify that the Remote Console is properly connected to the 9900 internal LAN. If the problem persists, please call the Hitachi Data Systems Technical Support Center.
2083	Can't execute specified function while Remote Copy monitoring is active. If you want to execute the function, please stop the monitoring function at first and retry again.	If you want to execute the function, please stop the Remote Copy monitoring function then retry.
2084	The specified number of Path is less than the Minimum number of Paths on RCU Option screen. (Error Code = %04x)	The number of paths is less than the minimum number specified on the RCU Option screen. Check the number of paths, establish the minimum number of paths, and retry the operation.
2085	The specified number of Path is less than the Minimum number of Paths on RCU Option screen as a result of communication error between MCU and RCU. (Error Code = %04x)	A communication error occurred between the MCU and the RCU. Check the path status on RCU Status screen, and reestablish the paths with Edit Path.
2086	The path could not be deleted due to communication error between MCU and RCU.	Either a communication error occurred between the MCU and the RCU, or the CHA has become blocked. Please contact the Hitachi Data Systems Technical Support Center.
2087	Parameter specified by Remote Copy operation is invalid.	The parameter specified by HRC operation is invalid. For example, the R-VOL that is specified could already be in use as the R-VOL of another HRC pair.
2088	Parameter specified by HODM operation is invalid.	Parameter specified by HODM operation is invalid. (For example, the R-VOL that is specified may be already used as the R-VOL of another HODM pair.) Please check the status of the volumes and retry the operation.
2089	The pair status of the R-VOL is not valid.	Check the pair status for HRC and HODM. If the requested R-VOL status is permissible, please retry the operation.
2090	HODM is not supported under the Controller emulation type of the MCU.	HODM is not supported under the Controller emulation type of the RCU. Please contact the Hitachi Data Systems Technical Support Center.
2091	Remote Copy is not supported under the Controller type of the RCU.	HRC is not supported under the Controller emulation type of the RCU. Please contact the Hitachi Data Systems Technical Support Center.
2092	HODM is not supported under the Controller type of the RCU.	HODM is not supported under the Controller emulation type of the RCU. Please contact the Hitachi Data Systems Technical Support Center.
2093	Invalid serial number or SSID of MCU.	Check the serial number or SSID of MCU, then retry with correct parameter.
2094	Invalid serial number or SSID of RCU.	Check the serial number or SSID of RCU, then retry with correct parameter.
2095	Subsystem Cache status of MCU is not active.	Check the Subsystem Cache status of the MCU from the host. If it is off, set it on and retry. If it cannot be set on, please contact the Hitachi Data Systems Technical Support Center.
2096	One side of Cache on MCU is blocked.	Please contact the Hitachi Data Systems Technical Support Center.
2097	Unexpected error occurred on MCU.	Please contact the Hitachi Data Systems Technical Support Center.

Error Number	Error Message	Recommended Action
2098	Subsystem Cache status of RCU is not active.	Please contact the Hitachi Data Systems Technical Support Center.
2099	Track Format of M-VOL and R-VOL do not match.	Check the track formats of the specified M-VOL and R-VOL.
2100	Combinations of the device emulation of M-VOL with R-VOL are not supported.	Check the Device type of the specified M-VOL and R-VOL.
2101	Device Cache status of R-VOL is not active.	Check the Device Cache status of R-VOL from host. If it is off, set it on and retry. If it cannot be set on, please contact the Hitachi Data Systems Technical Support Center.
2102	DFW status of R-VOL is not active.	Check the DFW status of R-VOL from the host. If it is off, set it on and retry. If it cannot be set on, please contact the Hitachi Data Systems Technical Support Center.
2103	The Specified R-VOL is not usable.	The specified R-VOL is not usable because of one or the following reasons: 1. The specified volume has not been installed. 2. The specified volume is defined as a Command Device for RAID manager.
2104	HODM is not supported under the Device emulation type of the M-VOL.	The device emulation type of the specified M-VOL does not support HODM. Please contact the Hitachi Data Systems Technical Support Center.
2105	Remote Copy is not supported under the Device emulation type of the R-VOL.	Remote Copy is not supported under the Device emulation type of the R-VOL. Please contact the Hitachi Data Systems Technical Support Center.
2106	HODM is not supported under the Device emulation type of the R-VOL.	The device emulation type of the specified R-VOL does not support HODM. Please contact the Hitachi Data Systems Technical Support Center.
2107	The RCU is still in HODM condition.	The RCU containing the R-VOL specified in the "ADD HODM PAIR " command is being used as the RCU for HODM. Verify the status of the RCU, if necessary delete the RCU, then retry the operation.
2108	The RCU is still in HODM condition.	The RCU containing the R-VOL specified "ADD HRC PAIR " command is being used as the RCU for HODM. Verify the status of the RCU.
2109	A connection error occurred between Remote Control and Controller.	The Remote Console could not connect to the 9900. Verify that the Remote Console is properly connected to the 9900 internal LAN. If the problem persists, please call the Hitachi Data Systems Technical Support Center.
2110	Please confirm the specified R-VOLs are varied off-line.	Verify that the specified R-VOLs are offline.
2115	There are no more paths than the Minimum Paths on RCU option screen.	A communication error has occurred between the MCU and the RCU, so that the number of paths is less than the minimum number of paths on specified on the RCU option screen. Check the path status on RCU Status screen, and reestablish the paths with Edit Path.
2116	Specified volume is not part of Remote Copy pair (Not in Duplex Avail, Pending Duplex, Suspend Duplex state). (Error Code = %04x)	The specified volume is not part of a Remote Copy pair. Please check the volume.
2117	WARNING: Destination volume of specified volume pair may contain some inconsistency because volume copy is not completed yet. Full volume initialization is required before re-using it.	The destination volume of the specified pair has not finished its copy function. Please note the volume pair that are displayed and finish this operation. Then re-initialize the specified volume(s), because there may be some inconsistencies.

Error Number	Error Message	Recommended Action
2120	The Cache on MCU is automatically recovering now. Please wait a few minutes then retry again. (Error Code = %04x)	Select [OK] to acknowledge the message, then retry the operation after the cache has recovered.
2121	R-VOL option change operation failed so that only M-VOL option was modified, because RCU side did not support a fence level displaying function. (Error Code = %04x)	The R-VOL option change operation failed (only the M-VOL option was modified), because the RCU side does not support the display fence level function.
2122	Pair option change operation failed because communication error has occurred or R-VOL status is invalid. (Error Code = %04x)	The pair option change operation failed, either because a communication error occurred or because the R-VOL status is not valid. Please verify the status.
2123	Pair option change was refused because M-VOL is suspended. (Error Code = %04x)	Resume the pair for the M-VOL, then retry the operation.
2124	Do you want to continue?	Remote Console detected some error when a set of pairs was entered/deleted/recovered/changed options. Select [Yes] if you want the Remote Console to continue the operation. Select [No] if you don't want to continue the operation.
2125	Multiplatform feature has been already installed in MCU. (Error Code = %x)	The multiplatform feature has already been installed in the MCU. Please verify the configuration of the MCU.
2126	Multiplatform feature has been already installed in RCU. (Error Code = %x)	The multiplatform feature has already been installed in the RCU. Please verify the configuration of the RCU.
2127	Multiplatform feature has been already installed in subsystem. (Error Code = %x)	The multiplatform feature has already been installed in the subsystem. Please verify the configuration of the subsystem.
2128	Warning!! Through this operation, M-VOL status will be changed to Simplex mode forcibly, but R-VOL status will not be changed. If you do this operation, please change the R-VOL status to Simplex mode.	The Remote Console detected that the pair that was forced delete was HRC and the mode was other than Simplex, so the M-VOL status will be changed to Simplex, but the R-VOL status will not be changed. Please select [OK], then change the R-VOL to Simplex.
2129	Warning!! Through this operation, M-VOL status will be changed to Simplex mode even if the M-VOL is online to the host.	Remote Console detected the pair which was forced delete was HODM and the status was other than waiting erase. Please check if the pair mode can be changed to simplex, then select [OK] to continue.
2130	Illegal microprogram version was included. Please execute microprograms exchange.	The Remote Console detected that the connected DKC had an invalid version of the microcode. Please contact the Hitachi Data Systems Technical Support Center.
2131	In this microprogram version, you can not define both Remote Copy and SCSI configuration simultaneously. Please define either Remote Copy or SCSI configuration.	This version of the microcode does not support simultaneous configuration of both Remote Copy and SCSI. Please define each configuration separately.
2133	Valid RCP port does not exist.	Select [OK] to stop this process, then check the port.

Error Number	Error Message	Recommended Action
2134	Specified volumes contain some R-VOLs. You can change parameters for only M-VOLs, not for R-VOLs. (Error Code = %04x)	When you change the parameters against suspend pair, the specified volume contains some R-VOLs, and the Remote Console cannot change parameters for the R-VOLs. Select [OK], and the Remote Console will change the parameters for the M-VOLs only.
2135	Please confirm you already shutdown concerned connecting SCSI host(s) or switched to the alternate SCSI channel path(s). Do you want to continue this process?	You should either shut down the affected connecting SCSI host(s) or switch to the alternate SCSI channel path(s). Confirm the shutdown, then select [Yes] to continue the process. Select [No] if shutdown has not occurred, or if you want to switch SCSI channel paths.
2136	Multiplatform feature has been already installed in MCU.	The HRC and HODM functions cannot be used with the multiplatform feature. If you want to use HRC or HODM, deinstall the multiplatform function from the target MCU.
2137	Multiplatform feature has been already installed in RCU.	The HRC and HODM functions cannot be used with the multiplatform feature. If you want to use HRC or HODM, deinstall the multiplatform function from the target RCU.
2138	Not enough memory. Please exit other applications and retry.	The Remote Console detected a lack of memory. Please exit all other applications and restart the Remote Console software.
2139	This controller needs maintenance.	The Remote Console detected blocked components in the controller. Select [OK] to acknowledge the message, then contact the Hitachi Data Systems Technical Support Center.
2140	The SCSI path definition was completed.	The Remote Console finished the path definition operation. Select [OK], reboot the host, and verify the connectivity.
2142	Failed to restore the port.	The Remote Console failed to restore the port. Select [OK] to end the operation and please call the Hitachi Data Systems Technical Support Center.
2143	This controller is not equipped with an SCSI device.	The Remote Console detected that the specified controller does not have a SCSI device installed. Please call the Hitachi Data Systems Technical Support Center.
2144	It is possible that host I/O of following ports does not stop. Please shutdown concerned connecting SCSI host(s) or change ports one by one. PORT#:%s %s = CL1-x,x,x,x (x = A - H), CL2-x,x,x,x (x = A - H)	The Remote Console detected host I/O. Please select [OK] to stop the process, then either shut down the connected SCSI host(s), or change the ports and retry the operation.
2145	The following ports could not be changed. Please check those ports status by STATUS.	The Remote Console could not change the port. Select [OK] to stop the operation and verify that the host I/O of the selected port has terminated. Please call the Hitachi Data Systems Technical Support Center to verify the target port status and contents of setting data.
2156	Subsystem configuration data was not changed.	The program could not change the data because it detected an error in the subsystem. Please call the Hitachi Data Systems Technical Support Center.
2157	The following ports could not be changed. Please check those ports. Port#:%s	Please select [OK] to finish this process, then retry the operation for those ports that were not changed. If the error persists, contact the Hitachi Data Systems Technical Support Center.
2158	The SCSI path(s) could not be changed.	The program could not change the SCSI path(s). If the error persists, contact the Hitachi Data Systems Technical Support Center.
2159	The number of minimum paths is more than the number of normal paths. (Error Code = %x)	If the error code is 100c, please set the minimum paths after adding the normal path(s). If the error code is 400c, please delete the paths after adding them, or delete the paths after decreasing the number of minimum paths.
2160	Invalid Logical Addresses are specified. (Error Code = %x)	1. If you are adding RCUs, specify the same Logical Address. 2. If you are editing paths, specify the same Logical Address as the existing paths. (Refer to the Edit Path Screen.)

Error Number	Error Message	Recommended Action
2161	The existing logical addresses are not equal. (Error Code = %x)	The logical addresses of all existing paths are not the same. Delete the RCU, then re-add it, using the same logical address as other existing paths.
2163	The target controller is being maintained now. After maintaining, please retry again.	For example, ONLINE program, INSTALL program, or DIAG program may be running. Select [OK] to stop the process. Retry the operation after maintenance is completed.
2164	The target controller does not support this function.	Please contact the Hitachi Data Systems Technical Support Center.
2165	WARNING!! If you continue this operation without stopping I/O, you may lose your data.	Verify that the SCSI host has been shutdown and the host I/O has been terminated. Make sure that the specified operation is the desired function. If the subsystem encounters an error during this operation you could lose data. Select [OK] to continue this operation.
2166	The M-VOL is already used by other system. (Error Code = %04x)	The M-VOL is already being used by another system. Possibilities include: 1. The M-VOL is already used by HRC. 2. The M-VOL is already used by HMRCF. Check the M-VOL status of the MCU from the host or the SVP.
2167	As the result of this operation, you will not be able to re-start Erase R-VOL operation.	If you want to continue the operation, even though you will not be able to restart the Erase R-VOL function, select [OK]. If not, select [Cancel].
2168	As the result of this operation, you will not be able to re-start Erase R-VOL operation. To delete the pair forcibly, please try again with 'Force' option.	If you want to continue the operation, even though you will not be able to restart the Erase R-VOL function, select [OK]. If not, select [Cancel], then delete the pair using the 'Force' option.
2169	Invalid parameter.	The specified parameter value was invalid. Please call the Hitachi Data Systems Technical Support Center.
2170	Are you sure you want to deinstall the function?	This operation will deinstall the specified function. Select [OK] to deinstall the specified function or select [Cancel] to end the operation.
2171	This function is not supported.	This function is not supported. If you want to install the function, please call the Hitachi Data Systems Technical Support Center.
2172	This option needs special FD. Please insert the FD.	This option needs a special floppy disk. If you have the special disk, please insert it and select [OK]. If you do not have the disk, select [Cancel] to end the operation.
2173	Invalid FD.	The floppy disk is not usable. Verify that the floppy is not write-protected.
2174	Combination of the controller type of MCU with RCU is not supported. (Error Code = %04x)	Check the controller type of the specified MCU and RCU, then call the Hitachi Data Systems Technical Support Center.
2175	An internal error occurred.	An internal error has occurred, or the system has run out of memory. Terminate other applications, and retry the operation. If the problem persists reboot the remote console PC.
2176	A file I/O error occurred. (File = %s).	A file I/O error has occurred. Retry the operation. If the problem persists, reboot the remote console PC.
2177	There are too many products to list all of them.	There are too many remote console products to list all of the information. Please retry, and if necessary reboot the remote console PC. If the error persists, re-install all remote console program products.
2178	There are no products.	There are no Remote Console products. Re-install the desired program products. If the problem persists, reboot the remote console PC.

Error Number	Error Message	Recommended Action
2180	File I/O error has occurred.	Please verify that the floppy disk is not write-protected.
2181	Warning !! Initial copy mode 'None' is selected for some volume pairs. Are you sure that the M-VOL and the R-VOL of these pairs are already synchronized?	Some of the volume pairs have an initial copy mode of 'None' selected. Verify that the M-VOL and the R-VOL of these pairs are already synchronized
2183	Configuration file read error has occurred.	An error has occurred in reading the configuration from the Remote Console file. If the error persists, reboot the remote console PC.
2184	The unused FD is inserted though the option is installed in this controller. If you select [OK] with checking 'ON' in the next window, the FD will be used only for this controller.	The remote console detected that this disk has never been used and that the desired option is already installed in this controller. Selecting [OK] will write information on this disk so that it will only work with this controller.
2185	Please remove the special FD.	Please remove the special floppy disk from the remote console PC, and select [OK].
2186	Too many ECC groups which you selected!	Too many ECC groups have been selected. Check the number of ECC groups, then re-try the operation.
2189	Please enter number of cylinders.	Enter the number of cylinders and retry the operation.
2190	Too many logical devices.	Too many logical devices have been selected. Check the number of logical devices and retry the operation.
2192	Too many logical devices (CVS).	Too many logical devices have been selected. Check the number of logical devices and retry the operation.
2193	Invalid number of cylinders.	An invalid number of cylinders have been entered. Check the number of cylinders and retry the operation.
2194	This configuration violates the coexistence rule of LDEV emulation type.	An illegal logical device allocation was detected. Check the logical device allocation and retry the operation.
2195	This logical device ID is already used.	The specified logical device ID is already in use. Please check the logical device ID and retry the operation.
2196	Please enter logical device ID.	Verify the logical device ID and enter the correct ID.
2197	This logical device ID is already used.	The specified logical device ID is already in use. Please check the logical device ID and retry the operation.
2198	Invalid SSID.	An invalid SSID was detected. Verify the SSID, and retry the operation.
2199	SSID already used.	The specified SSID is already in use. Verify the SSID, and retry the operation.
2200	Capacity of Shared memory that you entered is lower than minimum capacity.	Re-enter the correct amount of shared memory.
2201	This name is already defined. Please enter another name	The specified name has already been defined. Verify the desired name and retry the operation.
2202	This controller is already defined.	The specified serial number has already been defined. Verify the serial number and retry the operation.
2204	Please confirm that system configuration of SCSI host returned the original condition.	Check the configuration of the SCSI host.

Error Number	Error Message	Recommended Action
2205	Backup file for SCSI path information already exists. Do you replace existing file?	Select [Yes] if you want to replace the existing backup file for SCSI path information with a new one. Select [No] to cancel the operation.
2206	Controller is not ready.	The controller that you selected is not ready to execute Remote Console functions.
2209	Backup file for SCSI path information was made.	The SCSI path backup is complete.
2210	Are you sure you want to restore SCSI I/F Configuration with backup files?	This operation will restore SCSI path information using a backup file.
2211	This will make a backup file for SCSI path information.	This operation will create a backup file for SCSI path information.
2212	Without making a backup file for SCSI path information, do you delete selected SCSI path definition?	If you want to delete the selected SCSI path definition without making a backup file for SCSI path information, select [Yes]. Otherwise, select [No] to create a backup file.
2213	A port was not selected. Select a port(s).	A port was not selected. Select a port and retry the operation.
2214	A mode was not selected. Select a mode.	A mode was not selected. Select a mode and retry the operation.
2215	Please select [Backup] button for making a backup file.	Select the [Backup] button to create a backup file for SCSI path information.
2218	Please reboot the PC and do the same operation again. If you could not do the same operation, please call the Hitachi Data Systems Technical Support Center.	Reboot the PC and retry the operation. If the problem persists, please call the Hitachi Data Systems Technical Support Center.
2219	No available configuration. Please check CONFIG files or CONFIG version.	The configuration is not available. Please check your configuration files and verify the version.
2220	You have installed maximum number of logical devices.	No more logical devices may be installed.
2221	No enough free logical device ID. Please enter another logical device ID.	Enter a different logical device ID.
2222	No enough free SSID. Please enter another SSID.	An incorrect SSID has been entered. Please check the SSIDs on your worksheet and re-enter.
2223	Please select DCR type.	No DCR type has been selected. Please select a DCR type and retry the operation.
2224	Invalid parameter.	An invalid DCR parameter has been entered. Verify all DCR parameters and retry the operation.
2225	There is no enough DCR area.	There is insufficient DCR space. Verify the DCR parameters and retry the DCR operation.
2226	A different DCR type is already used in this area.	The DCR area entered is already used for another DCR area. Verify the DCR area that was specified, then retry the operation.
2227	Remote Copy operation was rejected.	ALL channel adapters are not active for HRC & HODM. Please contact the Hitachi Data Systems Technical Support Center.

Error Number	Error Message	Recommended Action
2228	Operation was rejected by controller.	The controller rejected the specified operation. Please retry the operation.
2231	Logical error has occurred.	A logical error has occurred.
2233	DKC emulation type is inconsistent with DKU emulation type.	Please verify the emulation types, and if necessary contact the Hitachi Data Systems Technical Support Center.
2234	Enter correct number (%u-%u).	Enter the correct number.
2235	Enter correct address (%u-%u).	Enter the correct address
2247	The number of cylinders exceeds the maximum.	Verify the number of cylinders and retry the operation.
2248	The number of volumes exceeds the maximum.	Verify the number of volumes and retry the operation.
2255	Are you sure you want to delete the volume pair?	Select [Yes] to delete the volume pair, or [No] to cancel.
2256	Are you sure you want to suspend the volume pair?	Select [Yes] to suspend the volume pair, or [No] to cancel.
2257	Are you sure you want to split the volume pair?	Select [Yes] to split the volume pair, or [No] to cancel.
2258	Are you sure you want to resynchronize the volume pair?	Select [Yes] to resynchronize the volume pair, or [No] to cancel.
2259	You can not change the emulation type to 3390-3R. In the next window, unavailable logical device group will be indicated. Please check the current configuration in this subsystem.	Emulation type 3390-3R cannot be in the same logical device group with other emulation types. If you want to change the emulation type, you have to de-install the logical device, which will erase the both the logical device and its data. Contact the Hitachi Data Systems Technical Support Center.
2260	3390-3 and 3390-3R can not exist in the same subsystem. Please change the emulation type to either 3390-3 or 3390-3R.	Emulation type 3390-3R cannot be in the same subsystem as type 3390-3. All logical devices in the subsystem must be changed to either 3390-3 or 3390-3R. Contact the Hitachi Data Systems Technical Support Center.
2261	Are you sure you want to delete the specified SSIDs?	Verify that you want to delete the specified SSID and select [OK] to delete the SSID, or [Cancel] to cancel the operation.
2262	SCSI paths for making passive paths don't exist in this port.	Passive paths can only be made to SCSI paths that have an even SCSI ID. Set the passive SCSI paths to ports that have even SCSI IDs.
2263	Some invalid modes exist (MODE xx). Modify these modes correctly.	One or more specified modes are invalid. Verify the desired host mode(s) and reset the modes on the Set Mode panel.
2264	Passive path already exists.	The specified passive path already exists.
2265	Select a SCSI path for the Cluster-1.	The selected SCSI path is defined for Cluster-2. Please select a SCSI path for Cluster-1 and select the Passive Path Copy button.
2266	Some modes are not pair between Cluster-1 and Cluster-2 . Please modify these modes.	Please access the Set Mode panel, and modify the modes so that there is a pair between Cluster 1 and Cluster 2.
2267	Specified RCU or SSID may be deleted by HOST. Please close the current window, then try again.	The host may not delete the specified RCU or SSID. Close the current window and retry the operation.

Error Number	Error Message	Recommended Action
2268	Exclusive task (Install, Diagnosis, Replace, etc.) is already running on SVP. Please try this operation after finishing the task.	The SVP is occupied with a task, and may not share applications. Once the task is completed, retry the operation.
2269	Too many SSIDs. (Only four SSIDs are allowed.)	The maximum number of SSIDs (four) has been entered. Verify that the SSIDs are valid, delete one or more, then retry the operation.
2270	There is no consecutive free space for installing the CV.	There are not enough consecutive cylinders available to install a customized volume of the specified size. Please verify the number of available consecutive volumes, and retry the operation using a smaller cylinder count.
2271	Are you sure you want to add the volume pair?	[Yes] will add the volume pair. [No] will cancel the operation.
2272	No value in %s area. Please input a value.	Please input a value in the specified area.
2273	Invalid %s No. Please input a valid %s No. (01-FF).	Please input a number in the specified area.
2274	Invalid character in %s area. Please input a valid value.	Please input a valid character in the specified area.
2275	This Entry No, already exists. Please input another Entry No.	The specified entry number already exists. Please retry with another entry number.
2276	Internal error (%2.2X).	Error code: 01: Motive parameter error. 02: Making patch data list-box failed. 03: Memory allocate error. 04: Internal parameter error. Error Code: 01: Please enter the valid parameter. (pathedit -l or pathedit -n) 02-04: Please retry the operation.
2283	Are you sure you want to cancel this function?	Select [Yes] to cancel the function.
2284	You can not install shared memory module more. Please change shared memory module type.	If you are defining the configuration, change share memory (SM) module type to 64 MB. If you are installing, cancel once, change shared memory Module to 64 MB, then reinstall.
2286	A pre-check error occurred. Do you want to stop processing?	The Remote Console detected an execution error. Select [Yes] to stop the process, then follow the on screen instructions.
2287	Subsystem is now under P/S off process.	This operation was rejected, because the power supply to the subsystem is off.
2288	Configuration set up job is now running at subsystem processor. Please retry again.	This operation was rejected because DKC subsystem was busy with configuration setup. Please retry after a few minutes.
2289	Data may be lost or channel pass to the host CPU may be lost due to this operation.	This operation may cause lost data or lost channel access to the host if there are other blockages. Please contact the Hitachi Data Systems Technical Support Center.
2290	Data in the logical device will be lost due to this operation.	This operation may cause lost data if there are other blockages. Please contact the Hitachi Data Systems Technical Support Center.

Error Number	Error Message	Recommended Action
2291	You should not restore logical devices, because data will be lost due to this operation.	This operation was rejected, because data will be lost. Please contact the Hitachi Data Systems Technical Support Center.
2293	Too many SCSI paths are defined. (The number of paths should not exceed %d).	Too many SCSI paths have been defined. Verify the SCSI path information and change the parameters on the Set SCSI Path Parameter panel.
2294	Too many LDEV IDs are defined. Please adjust LDEV IDs.	Too many LDEV IDs have been defined. Verify the LDEV ID information and retry the operation.
2295	%s. Please input a valid address.	The input address is invalid. Possible reasons include: 1. If no value, the address was not entered. 2. If invalid character, the address is not hexadecimal. 3. If invalid value, the address is not on the address table.
2296	Are you sure you want to complete SCSI path configuration?	Select [OK] to complete the SCSI path configuration, or select [Cancel] to terminate the path configuration.
2297	Do you want to cancel SCSI path configuration?	Select [OK] to terminate the path configuration, or select [Cancel] to cancel the operation.
2298	The parameters are already defined (%s). Please check the definitions in the Set SCSI Path Parameter panel.	The requested setting already exists. Either multiple SCSI paths will be defined between 1 port and 1 LDEV (error listed as PORT, LDEV ID) or a SCSI path will have multiple LDEVs (error listed as PORT, SCSI ID LUN). Please adjust the necessary parameters on the Set SCSI Path Parameter panel.
2299	The selected numbers do not match; SCSI ID * LUN : %d CU-LDEV ID: %d Select the correct number of parameters..	The number of combinations of SCSI IDs and LUNs is not equal to the number of selected CU-LDEV IDs. Verify the parameters and retry the operation.
2300	Some SCSI paths to the physical device are abnormal. Please check the diagnosis Log of Information.	Check the error log to determine which SCSI paths are invalid.
2339	Cannot open a file by 'Memo' command. Error Code = %04X	The "Memo" command should open a file with "Write application", but the "write" command cannot be completed. Please make sure that file 'Write.exe' exists in the Windows commands directory (C:\windows\command)
2340	Invalid command line parameter. Error Code = %04X	There is an invalid parameter in the script monitor. Please reboot the remote console PC and retry the operation. If the problem persists, re-install the program.
2341	File I/O error (%s). Error Code = %04X	The program could not open the specified file. Please reboot the remote console PC and retry the operation. If the problem persists, re-install the program.
2342	Too long line. Line = %04d Error Code = %04X	There are more than 240 number of characters in one line. Please check the line (line number is displayed) and modify it by separating into two lines, then retry the operation.
2343	Illegal 'If' and 'EndIf' pair. Line = %04d. Error Code = %04X	The "If" and "Endif" sentences do not correspond. Please check the line (line number is displayed) and modify them.
2344	'End' is required. Line = %04d. Error Code = %04X	Add an "End" statement at the end of this script.
2345	'Start' is required. Line = %04d. Error Code = %04X	Add a "Start" statement at the beginning of this script.
2346	Illegal word is found. Line = %04d. Error Code = %04X	There is an illegal word in this script. Please check the line (line number is displayed). If the first item is a either a macro or a defined variable, modify it.

Error Number	Error Message	Recommended Action
2347	List type variable is unexpected. Line = %04d. Error Code = %04X	There is an unexpected list type variable in this script. Please check the line (line number is displayed). If the list type variable is available modify it.
2348	Illegal quotation. Line = %04d. Error Code = %04X	There is no quotation mark at the end of the strings.
2349	Required value is not found. Line = %04d. Error Code = %04X	The actual value is not specified in the right side of the equation.
2350	Illegal '(' and ')' pair. Line = %04d. Error Code = %04X	The pair of items separated by (' and ') do not correspond. Check the line (line number is displayed), and modify the pair.
2351	Syntax error. Line = %04d. Error Code = %04X	Syntax error was detected. The error codes below indicate the type of error: (1) 220b/2303: Illegal words (2) 27xx: parameter error (3) 29xx: macro error (4) 2axx: comma is used illegally.
2352	Illegal expression. Line = %04d. Error Code = %04X	There is an invalid expression in the "If" statement.
2353	Illegal parameter. Line = %04d. Error Code = %04X	Illegal parameter was detected. The error code indicates the type of illegal parameter.
2354	Unknown parameter. Line = %04d. Error Code = %04X	The word with the first character '$' is an undefined parameter. Please check the parameter and modify it.
2355	Unknown identifier. Line = %04d. Error Code = %04X	The word which begins with the character '_' is an undefined identifier. Please check the line and modify it.
2356	Same parameter appears again. Line = %04d. Error Code = %04X	The same parameters are defined in one line.
2357	Required parameter is not found. Line = %04d. Error Code = %04X	A necessary parameter is not described in this line.
2358	Value type mismatch. Line = %04d. Error Code = %04X	The program could not transfer the value from the right side of the equation to the left side. This message will be displayed as the following reasons: The data type or kind is not matched. The illegal value was defined in the right side. The value is constant but not available (Over the limit).
2359	Internal error. Error Code = %04X	Please reboot the remote console PC and retry the operation. If the problem persists, re-install this program.
2360	Mismatch script type. Error Code = %04X	The type of script that is set in the Start macro does not correspond to the type of script that is set in the execution environment file. Please check the script types.
2361	Mismatch controller name. Error Code = %04X	The controller names defined in the Start macro and execution environment file are not same.
2362	Parameter value error (%s) Error Code = %04X	There is an illegal parameter in the function macro.
2363	The selected numbers do not match; SCSI ID * LUN : %d CU-LDEV ID: %d Select the correct number of parameters..	Multiple SCSI IDs are defined to one Fibre channel port. The SCSI ID for Fibre channel port is defined as F. Change the SCSI paths for Fibre channel port on Set SCSI Path Parameter panel.

Error Number	Error Message	Recommended Action
2364	Please reboot PC and reset SVP.	Reboot the PC.
2379	Please confirm you have already shutdown concerned connecting SCSI host(s) or switched to the alternate SCSI channel path(s). Do you want to continue this process?	Verify that you have shutdown the SCSI host or switched to an alternate SCSI path, then select [OK] to continue.
2380	The host I/O of the following ports cannot be stopped. Shut down the corresponding connected SCSI host(s) or change the ports one by one. PORT#:%s.	The Remote Console detected an error. Either shut down the specified SCSI host or switch to another port and retry the operation.
2381	Initiate process has failed.	Retry the operation.
2382	SCSI I/F Configuration finished.	The SCSI I/F configuration has been completed.
2383	SCSI I/F Configuration has failed.	The Remote Console could not execute the SCSI I/F Configuration. Select [OK] to terminate the operation.
2384	Can't continue this process because no PCB to replace.	(This message will be displayed in the SVP)
2385	An error occurred. Do you want to stop processing?	An error has occurred. Select [Yes] to end this operation or select [No] to continue the operation.
2393	Confirm that you have already shut down the corresponding connected SCSI host(s) or switched to the alternate SCSI channel path(s). Do you want to continue processing?	Verify that you have either already shut down the specified SCSI host(s) or switched to an alternate SCSI path(s), then select [Yes] to continue the operation or select [No] to terminate the operation.
2409	Do you want to gather statistical information from DKC now ? (This process may take up to 5 minutes).	If you want to gather statistical information, select OK. If not, select Cancel.
2418	File access error has occurred.	Please press [OK], then reboot Remote Console and retry the operation.
2419	This file already exists. Replace existing file? Do you want to overwrite to existing file?	Select [Yes] if you want to save to and overwrite the existing file. Select [No] to terminate the file save operation.
2420	Not changed emulation type.	Check the emulation type of the selected controller, then contact the Hitachi Data Systems Technical Support Center.
2421	HORC is not supported under the controller type of the RCU.	This controller type does not support HORC operations.
2422	One side of Cache on RCU is blocked.	There is an invalid Cache status on the RCU. Check the status, and recover the cache, then retry the operation.
2430	Are you sure you want to change the CVS configuration?	Select [OK] if you want to change the volume size configuration, or select [Cancel] to cancel the operation.
2431	This process has completed.	No action necessary.
2441	HODM function is not installed in specified controller.	The HODM option must be installed in the specified MCU before a HODM pair can be created.

Error Number	Error Message	Recommended Action
2442	HRC function is not installed in specified controller.	The HRC option must be installed in the MCU and RCU before an HRC volume pair can be created.
2451	An error occurred in the Windows system.	A Windows error has occurred. Select [OK] to continue.
2452	Change Configuration was failed.	The change configuration operation failed. Select [OK] to continue.
2453	Change Configuration was completed.	The change configuration operation was completed.
2454	Failed to read the configuration.	Reading Configuration has failed. Select [OK] to continue.
2457	Refer Configuration was failed.	The View Configuration operation failed. Select [OK] to continue.
2458	Refer Configuration was completed.	The View Configuration operation was completed. Select [OK] to continue.
2464	Confirm that you have already varied off the concerned channel paths. Also confirm that you have already shut down the corresponding connected SCSI host(s) or switched to the alternate SCSI channel path(s). Do you want to continue processing?	Verify that you have already varied the specified channel paths, and that you have either shut down the specified SCSI host or switched to an alternate SCSI path. Select [Yes] to continue the operation or select [No] to terminate the operation.
2465	Cache size is different between cluster-1 and cluster-2. Please redefine configuration by cache installation (de-installation).	(This message will be displayed in the SVP)
2466	Remote Copy operation in CU could not be executed because information of all entry devices in CU are deleted by this operation.	Remote Copy operation could not be completed. The information on all entry devices in the CU will be deleted by this operation. Select [OK] to acknowledge the message, then check the CU and delete any unnecessary devices.
2467	Operation was rejected by DKU.	Select [OK] to acknowledge the message.
2468	Shared memory size is different between cluster-1 and cluster-2. cluster-1 : SMM = %d MB Size = %d MB cluster-2 : SMM = %d MB Size = %d MB	(This message will be displayed in the SVP)
2469	Cache memory size is different between cluster-1 and cluster-2. cluster-1 : CMG = %d MB Size = %d MB cluster-2 : CMG = %d MB Size = %d MB	(This message will be displayed in the SVP)
2470	Are you installing DKU? Yes : Installation of DKU. No : De-installation of DKU.	(This message will be displayed in the SVP)
2471	Please format all blocked Logical Devices.	(This message will be displayed in the SVP)

Error Number	Error Message	Recommended Action
2472	""Load Configuration information from FD"" is completed. Please vary online the connected channel paths. Please check status with MAINTENANCE and log with INFORMATION. Please execute DKU path INLINE.	(This message will be displayed in the SVP)
2473	Proceed the following sequences by order. Step 1. Recover blocked Physical Devices, if any. Step 2. Exchange DKU microprogram. (Select ""NO"" at [ONL0732W] message, and input password.) Step 3. Format Logical Devices.	(This message will be displayed in the SVP)
2474	Please confirm all the Physical Devices have been restored.	(This message will be displayed in the SVP)
2475	Are you sure you want to execute INLINE CUDG for Cache Memory?	(This message will be displayed in the SVP)
2476	Destaging process has failed.	(This message will be displayed in the SVP)
2477	There are some logical devices which were failed the LDEV format.	(This message will be displayed in the SVP)
2478	It cannot be set, because the specified CU number is different. Specify the same CU number.	Verify that the CU number is the same, then retry the operation.
2479	It cannot be set, because the specified LDEV number is not sequential. Specify the sequential LDEV number.	Verify the LDEV number is the next number in sequential order, then retry the operation.
2480	It cannot be set, because the LU number is defined. Retry after releasing the LU.	Release the LU and retry the operation.
2481	It cannot be set, because the SCSI paths are defined. Retry after releasing the SCSI paths.	The SCSI paths are still defined. Select [OK], release the SCSI paths, then retry the operation.
2482	It cannot set because Emulation type is different. Please, set in the same Emulation type.	Select [OK] to acknowledge the message, then set the same emulation type and retry the operation.
2483	Maintenance object included the HMRCF pair. You should delete pair.	Delete the HMRCF pair, then retry the operation.
2484	Maintenance object included the reserved volume for HMRCF. You should remove the reserved volume.	Remove the volume that is reserved for HMRCF and retry the operation.
2485	Maintenance object included the HMRCF pair. You should delete pair and remove the reserved volume.	Delete the HMRCF pair, remove the volume that is reserved for HMRCF, then retry the operation.

Error Number	Error Message	Recommended Action
2486	HMRCF data copy in progress. Please wait for end of copy or you should stop copy. Do you want to stop this process?	Select [Yes] if you want to stop the HMRCF data copy. Select [No] if you want to wait until the copy process is complete.
2487	HMRCF data copy in progress. Please wait for end of copy or you should stop copy.	HMRCF data copy is in progress. Either stop the process or wait until it is complete.
2488	Maintenance object included the HMRCF pair. You should suspend the HMRCF volume pair.	A maintenance object included the HMRCF pair. Suspend the HMRCF volume pair and retry the operation.
2489	Maintenance object included the HMRCF pair. You should split the HMRCF volume pair.	A maintenance object included the HMRCF pair. Split the HMRCF volume pair and retry the operation.
2490	Maintenance object included the HMRCF pair. You should resynchronize the HMRCF volume pair.	A maintenance object included the HMRCF pair. Resynchronize the HMRCF volume pair and retry the operation.
2491	A last DRR which support HMRCF/HOMRCF/HIHSM is included. This operation will be impossible to support the HMRCF/HOMRCF/HIHSM.	The version of the DKA card does not support HMRCF, HOMRCF, or HIHSM. Please contact the Hitachi Data Systems Technical Support Center
2492	Maintenance object included the volume which is running backup. You should stop the backup server.	A maintenance object included the volume that is running backup. Either wait for the backup to be completed, or stop the backup server and retry.
2493	Maintenance object included the HMRCF pair which was required from the host. You should change volume to the simplex.	A Maintenance object included the HMRCF pair that was required from the host. Change the volume to simplex.
2494	CU:LDEV ID 3:FF is a reserved device. SCSI path can't be defined.	The SCSI path can't be defined, because CU:LDEV ID 3:FF is a reserved device. In SVP versions 51-34-xx and earlier, a SCSI path can't be defined to this logical device. In SVP versions 51-35-xx and later, you can define SCSI path to this logical device, but you must first set a Command Device.
2495	The following ports could not be changed. Please check those port status by MAINTENANCE. PORT#:%s	Check the port status and retry the operation.
2496	The OPEN Volume(s) could not be changed. Please check those OPEN Volume(s) statuses by MAINTENANCE.	Check the OPEN Volume(s) status and retry the operation.
2497	CU registration data is illegal.	Please reboot Remote Console by using backup CU list.
2498	Memory lock error has occurred.	The Remote Console has locked up. Reboot the Remote Console and retry the operation.
2499	The CU List cannot be saved.	The CU List cannot be saved. Verify that the hard drive of the Remote Console is functioning properly.

Error Number	Error Message	Recommended Action
2500	No SCSI path is defined for the command device. Define the SCSI path(s) for the command device.	The SCSI path is not mapped to the command device. Reset the SCSI path to map to the command device
2501	The option cache PCB is mounted. Please de-Install it.	Deinstall the option cache PCB.
2502	It is short of SM capacity along with the change. Please de-Install CM capacity in the present SM capacity that a CM capacity change is possible.	There is insufficient SM capacity for this operation. Deinstall enough CM to accommodate the capacity change.
2503	It is not the new PCB. Please replace it for the New PCB.	Replace the PCB with a new one.
2504	The mainframe volume cannot be installed or deinstalled, because the CHA (for mainframe) is not equipped in the subsystem.	The 9900 is not configured to support S/390 volumes. If you want to use S/390 volumes, please call the Hitachi Data Systems Technical Support Center.
2505	The open volume cannot be installed or deinstalled, because the CHA (for open system) is not equipped in the subsystem.	The 9900 is not configured to support open-systems volumes. If you want to use open-systems volumes, please call the Hitachi Data Systems Technical Support Center.
2506	Please confirm you have already varied off all channel paths. Please cancel WDCP pair. Do you want to continue this process?	Verify that you have already varied off all channel paths and WDCP pair, then retry the operation.
2507	Replacement of the ""%s"" may cause fatal damage to subsystem. Please replace failure parts at first.	(This message will be displayed in the SVP). Please select OK, then contact the Hitachi Data Systems Technical Support Center.
2508	Reading information is failed.	(This message will be displayed in the SVP)
2509	This function was canceled by SVP.	(This message will be displayed in the SVP)
2510	Reduce the number of choice Pair.	Please reduce the number of choice Pair, then retry the operation.
2511	Failed to start the CVS processing.	The CVS process failed during startup. Verify the CVS parameters and retry the operation.
2512	Failed to start the CVS processing.	The CVS configuration update failed. Verify the CVS configuration and retry the operation.
2513	Reading information is failed. If you want to continue, confirm PSs are in normal. Do you want to continue?	(This message will be displayed in the SVP)
2514	The CVS settings were not changed. Do you want to execute?	The CVS settings were not changed. Select [OK] to continue without making CVS changes.
2516	The selected device(s) will be deinstalled. Are you sure you want to deinstall the selected device(s)?	Verify that you want to deinstall the specified devices. Select [Yes] to deinstall the devices or select [No] to terminate the operation.
2517	Failed to change the DCR configuration.	The request to change the DCR configuration has failed. Please reboot the remote console PC and retry the operation.

Error Number	Error Message	Recommended Action
2518	Failed to read the DCR configuration.	The request to read the DCR configuration has failed. Please reboot the remote console PC and retry the operation.
2519	An attempt to change the DCR configuration was rejected.	The request to change the DCR configuration has failed. Cache may be blocked. Please contact the Hitachi Data Systems Technical Support Center.
2520	Same type already use this area.	The DCR area which you entered already being used for DCR. Verify the DCR configuration and enter the correct DCR area.
2522	Are you sure you want to delete the selected user?	Verify that you want to delete the selected user, then select [OK] to continue the operation or select [Cancel] to terminate the operation.
2523	Are you sure you want to delete the selected controller?	Verify that you want to delete the selected controller, then select [OK] to continue the operation or select [Cancel] to terminate the operation.
2524	Depending on the kind of OS of the host computer, the number of cylinders is invalid. Are you sure you confirm the number which has no problem on this system?	If the number that is indicated is valid for your operating system, select [Yes] to continue. If the number is invalid, select [No] to cancel.
2525	Are you sure you want to delete the selected patch data?	Select [Yes] to delete the patch data, or [No] to cancel.
2526	Turn off the breaker. (CB102 on AC BOX-1)	Turn off the indicated breaker.
2527	Turn off the breaker. (AC BOX-2)	Turn off the indicated breaker.
2528	Please de-install AC BOX-2, and turn on the breaker. (CB102 on AC BOX-1)	Deinstall the indicated box, and turn on the breaker.
2529	Please install AC BOX-2, and turn on the breaker. (AC BOX-2)	Install the indicated box, and turn on the breaker.
2530	Pre-Check error has occurred. Please try again.	When the existing configuration was checked there was an error or an invalid configuration. Please contact the Hitachi Data Systems Technical Support Center.
2531	The logical devices are not blockade.	Specify only the blocked logical device, and retry.
2532	The logical devices are not normal.	Specify only the normal logical device, and retry the action.
2533	The logical devices are not equip.	Refer to the Maintenance manual.
2534	The Shared memory Type is different between cluster-1 and cluster-2.	Change cluster 1 and cluster 2 to the same shared memory type.
2535	Operation Terminated, Redundancy is lost and blocking this part stops subsystem functionality.	Blocking this part will cause loss in redundancy and/or functionality. Check the maintenance log, and either recover the problem or continue the maintenance depending on the case.
2536	It cannot execute because there are some PCB which dose not support Archival Function.	This level of microcode does not support the archival function. Please contact the Hitachi Data Systems Technical Support Center.
2537	The M-VOL is defined as the expansion volume.	Please recheck the volume.

Error Number	Error Message	Recommended Action
2538	The R-VOL is defined as the expansion volume.	Please recheck the volume.
2540	An open VOL that consists of multiple LDEVs requires the SCSI path definition.	Verify the number of combined LDEVs of each open VOL on the LU Expansion Define panel and redefine the SCSI path(s).
2541	MRCF failed in the status acquisition. Please retry later.	Retry the operation.
2542	Can't read tuning parameters. Please execute this process again after exchanging threshold information.	Exchange the threshold information, then retry the operation.
2543	This operation can't be done. HORC volume pair is created.	Operation not possible.
2544	There is no end of patch data. Please set an end of patch data (Ctl = 0x40).	Please set Ctl = 0x40 to an end of patch data.
2546	An inserted PCB has wrong micro version, so it does not admit to the system. Please confirm maintenance procedure.	Verify the microcode level in the PCB is incorrect.
2547	There is no DKC Replacement data in the FD.	Insert the correct FD, then retry the operation.
2548	The disk is write protected. Remove the write protection.	The inserted disk is write protected. Either replace the disk or remove the disk's write protection feature.
2549	Maintenance of the unit may cause fatal damage to subsystem. Do you want to stop this process?	Select [Yes] to stop the process.
2550	It cannot execute because LU is defined.	Your selected services are defined as "open VOL", which can't be maintained from this screen. Retry from the maintenance screen.
2551	The size of History Log files are too large. Please delete them later.	The history log files are too large. If you need these files please back them up and then delete them from this subsystem. The history log files (hist-sum.log and hist-dtl.log) are in the histlog directory under the Remote Console directory.
2552	This function cannot be executed. Please confirm subsystem configuration.	Verify the subsystem configuration.
2553	The logical path of SCSI remains. This definition cannot be transferred. Do you want to continue this process?	Select [Yes] to delete the SCSI path and continue with the operation, then redefine the SCSI path after it is completed. Select [No] to discontinue the process.
2554	If the logical path of HRC/HODM remains, that configuration cannot be transferred. Do you want to continue this process ?	Select [Yes] to delete the HRC/HODM path and continue with the operation, then redefine the HRC/HODM path after it is completed. Select [No] to discontinue the process.
2557	HORC pair volume is selected. Command Device can't be set.	A command device can't be set on a HORC pair volume. Select another volume or delete the HORC pair.

Error Number	Error Message	Recommended Action
2558	An invalid emulation type for command device was selected. The command device cannot be defined.	The selected emulation type for the specified command device is not valid. Please select a different emulation type and retry the operation.
2559	A selected volume includes HORC pair. SCSI path(s) can't be added.	The selected volume includes a HORC pair volume, so you can't add SCSI paths. Either delete the HORC pair or deselect the volume.
2560	HORC pair volume is selected. Are you sure you want to add SCSI path(s)?	Select [Yes] to add SCSI path(s) to the selected HORC pair volume, or select [No] to cancel.
2561	HORC pair volume is selected. And the last SCSI path to this volume will be deleted. Are you sure you want to delete SCSI path(s).	Select [Yes] to delete the last SCSI path to the selected HORC pair volume, or select [No] to cancel.
2562	HORC pair volume is selected. Are you sure you want to delete SCSI path(s)?	Select [Yes] to delete the SCSI path to the selected HORC pair volume, or select [No] to cancel.
2563	Reduce the number of choice Volume.	Reduce the number of volumes, then retry the operation.
2564	Please confirm you have already varied off the corresponding volume. If the volume is off, select OK.	Verify that you have varied the specified volume offline, then select [OK] to continue the operation.
2565	Installation data of option product in the Configuration table will be initialized by this operation table. After finishing this procedure, please set the product installation again.	Reinstall the option product after you complete the "Define & Install" operation.
2566	SM size is different between cluster-1 and cluster-2. Please redefine configuration by SM installation (de-installation).	Redefine the configuration so that the SM sizes are the same between Cluster 1 and Cluster 2.
2567	This subsystem is installed MRCF program product, but inserted PCB does not support MRCF. So, it does not admit to the system.	The version of the PCB does not support MRCF. If you are replacing the DKA, retry the operation with PCB WP102B. If you are installing the DKA, deinstall the indicated PCB, then retry with PCB WP102B.
2568	Error has occurred at INLINE CUDG.	Select [OK] to continue recovering the Cluster. After the recovery is complete, follow the instructions that were displayed during the recovery (either INLINE CUDG was running or DIAG LOG).
2578	Combination of the specified expansion volume is not valid.	The combination of the specified volumes for LU expansion is not valid. Verify the parameters and retry the operation.
2579	Parameter specified by Remote Copy operation for expansion volume is not valid.	Parameter specified by Remote Copy operation for expansion volume is not valid. For example, specified Port /ID/LUN of the R-VOL is not valid. Check the Port /ID/LUN is the RCU. Please establish the correct parameter and retry the operation.
2580	The specified RCU doesn't support the Remote Copy for the expansion volume.	The Controller type or the microprogram version of the specified RCU doesn't support Remote Copy for the expansion volume.

Error Number	Error Message	Recommended Action
2581	The specified expansion volume (Port/ID/LUN) isn't defined in the RCU.	Verify the port ID and LUN ID of the expansion volume in the RCU.
2582	The pair status of the specified expansion volume is not valid.	The pair status does not permit this operation. Verify the pair status, and if the operation is permitted retry.
2591	Verifying the logical devices. No maintenance can be performed now.	Wait until the logical devices are verified.
2592	When SCSI paths are defined to Open VOLs composed of multiple LDEVs, the number of them and LDEVs is limited respectively less than or equal %d per port (%s).	Please check the number of Open VOLs and LDEVs per port, and verify that it is less than the number specified in the error message.
2595	File open error has occurred. (Error Code = %04x)	Reboot the PC. If the error cannot be recovered, replace the PC.
2596	File write error has occurred. (Error Code = %04x)	Reboot the PC. If the error cannot be recovered, replace the PC.
2597	File read error has occurred. (Error Code = %04x)	Reboot the PC. If the error cannot be recovered, replace the PC.
2598	Memory Allocate error has occurred. (Error Code = %04x)	Reboot the PC. If the error cannot be recovered, replace the PC.
2599	Memory lock error has occurred. (Error Code = %04x)	Reboot the PC. If the error cannot be recovered, replace the PC.
2600	Select file not found. (Error Code = %04x)	Reboot the PC. If the error cannot be recovered, replace the PC.
2601	Time out error has occurred. (Error Code = %04x)	A time out error occurred. Verify the 9900 internal LAN connection and retry the operation.
2602	DDE connection error has occurred. (Error Code = %04x)	Reboot the PC. If the error cannot be recovered, replace the PC.
2603	DDE initialization error has occurred. (Error Code = %04x)	Reboot the PC. If the error cannot be recovered, replace the PC.
2604	DDE transaction error has occurred. (Error Code = %04x)	Reboot the PC. If the error cannot be recovered, replace the PC.
2605	Internal error has occurred. (Error Code = %04x)	Gather the dump, and reboot the PC.
2606	Communication busy. Please retry later. (Error Code = %04x)	Please wait for a moment and retry.
2607	Windows error has occurred. (Error Code = %04x)	A Windows error occurred. Select [OK] to continue.
2608	Sequence error has occurred. (Error Code = %04x)	Please reboot the PC and retry.
2609	Unknown error code. (Error Code = %04x)	Gather the dump, and reboot the PC.
2610	You can't change this program product for some reason (%s) .	The program product can not be changed. Please call the Hitachi Data Systems Technical Support Center.

Error Number	Error Message	Recommended Action
2611	This program product needs another DKC type (%s).	The program product is not supported by this DKC type. Please contact the Hitachi Data Systems Technical Support Center
2612	Before you installing or deinstalling this program product (%s), you should deinstall other program product.	Deinstallation of this program product requires deinstallation of another program product. Deinstall the specified program product first then retry the operation.
2613	This program product is already used, you cannot deinstall this program.	The specified program product is in use. Terminate all functions for the specified program product and retry the deinstallation.
2614	This program product remains in the configuration (%s). You should change the configuration before deinstalling this program.	Deinstallation of this program product requires that you change the subsystem configuration. Please call the Hitachi Data Systems Technical Support Center.
2615	This program product requires a different configuration (including hardware equipment) (%s).	The specified program product requires that you change the subsystem configuration. Please call the Hitachi Data Systems Technical Support Center.
2616	This program product needs a later version of the microcode (%s).	The microcode level on the subsystem does not support this program product. Please contact the Hitachi Data Systems Technical Support Center.
2617	This program product needs a later version of the hardware (%s).	The hardware in the subsystem does not support this program product. Please contact the Hitachi Data Systems Technical Support Center.
2618	4 RCUs are already registered. Some RCUs are used by another type of Remote Copy.	4 RCUs are already registered, which is the maximum allowed.
2619	There is no valid volumes.	Check the volume type on SVP screen, and then try again.
2620	Please confirm that system configuration returned the original condition. Then, press [OK].	Verify the system configuration, then select [OK].
2621	Switch the SCSI channel path that is connected to the cluster-2, to an alternate path. Then, select OK.	Switch the cluster 2 SCSI path connection to an alternate path, then select [OK] to continue.
2622	Switch the SCSI channel path that is connected to the cluster-1, to an alternate path. Then, select OK.	Switch the cluster 1 SCSI path connection to an alternate path, then select [OK] to continue.
2623	Confirm that you have already shut down all the connected SCSI hosts. Do you want to continue processing?	Verify that you have shut down all connecting SCSI hosts, then select [Yes] to continue or select [No] to terminate the operation.
2624	Please confirm you have already varied off all channel paths. Do you want to continue this process?	Verify that you have varied offline all channel paths, and shut down all connecting hosts, then select [Yes] to continue the operation or select [No] to terminate the operation.
2626	Confirm that you have already varied off all the channel paths. Confirm that you have already shut down all the connected SCSI hosts. Do you want to continue processing?	Verify that you have varied all channel paths offline and shut down all connecting hosts, then select [Yes] to continue the operation or select [No] to terminate the operation.
2627	Archival function is not installed in specified controller(s).	Install Archival function in the MCU and the RCU, then retry the operation.

Error Number	Error Message	Recommended Action
2628	Keylock data from Remote Console are rejected. Because your setting data are not corresponding to the panel key setting. Please renew the key data and set again.	Verify that your data matches the key setting, then select [OK] to finish procedure.
2629	In case of "WITHOUT SHUTDOWN" and if you delete LUN(s) for Command Device, please stop RAID manager. In case of WITHOUT SHUTDOWN" and if you delete other LUN(s), you don't need stop it. Other case, you should stop RAID manager.	If you are deleting Command Device LUNs without shutdown, stop RAID Manager. In other cases, you don't need to stop RAID Manager.
2630	HORC function is not installed in specified controller(s).	Install HORC in the MCU and the RCU, then retry the operation.
2635	Illegal Routine ID!	Select [OK], then enter the correct routine ID.
2638	This is not the special FD. Please check it and insert correct FD.	Verify that this is the correct floppy disk, then retry the operation. If it is the correct floppy disk, the disk may be corrupt. Please contact the Hitachi Data Systems Technical Support Center.
2639	The kind of special FD is different ! Please check it and insert correct FD.	Verify that this is the correct type of floppy disk, then retry the operation. If the disk type is correct, the disk may be corrupt. Please contact the Hitachi Data Systems Technical Support Center.
2640	This FD is already used, therefore you cannot install the program. Check the FD and insert a correct FD (%s).	The special floppy disk has already been used. Verify the floppy disk and reinsert the correct floppy disk. Select [OK] to retry the operation or select [Cancel] to terminate the operation.
2641	This FD has not been used, therefore you cannot deinstall the program. Check the FD and insert a correct FD (%s).	You may only deinstall using the same disk that you used to install. Verify that this is the correct floppy disk and retry the operation.
2642	This FD is already used by another DKC. Please check it and insert correct FD (%s) .	The special floppy disk has already been used. Verify that you have the correct floppy disk, then select [OK] to retry the operation or select [Cancel] to terminate the operation.
2643	This FD may be write protected. Please check it and release the protection.	Verify that the special floppy disk is not write protected, then retry the operation.
2645	Some HMRCF Pairs are Split Pending. These pairs will be suspended by OFFLINE FC. Do you want to stop this process?	Select [Yes] if you want to end the Pair Split process. Select [No], to wait until the Pair Split process is completed.
2646	Force reset was finished.	Force reset for the specified port(s) was finished normally.
2647	Force reset was failed.	Force reset for the specified port(s) failed. Check the LAN, the file system or the remaining system resources, then retry the operation.
2648	Pinned track does not exist.	No action necessary.
2649	To deinstall this program product (%s), you should deinstall another program product (%s) first.	To de-install this program product you must first de-install any related program products that require it. For example if you are trying to deinstall HRC, first verify that HRCA is de-installed.

Error Number	Error Message	Recommended Action
2650	To install this program product (%s), you should install another program product (%s) first.	Installation of the specified program product requires the installation of another program product (for example, LUN Security requires LUN Manager). First install the required program product, then retry the operation.
2651	The selected SCSI path is defined for the command device, and the last SCSI path to this device will be deleted. If you want to delete the SCSI path, reset the command device first.	The selected SCSI path is a command device path. If you want to delete this path, first specify another command device path.
2652	The specified expansion volume (Port/ID/LUN) of the RCU is not usable.	The specified expansion volume (Port/ID/LUN) of the RCU is not usable. For example, 1. The specified expansion volume of the RCU is blocked. 2. The specified expansion volume of the RCU is in CC=3 condition. 3. The specified expansion volume of the RCU requires intervention. 4. The specified RCU doesn't support Remote Copy for the expansion volume.
2653	Specified M-VOL is still online from other HOST.	Please vary the concerned path offline from the other host, and then retry the operation.
2654	Registration of Mnemonic file will be erased. Do you want to continue.	Select [Yes] to erase the registration of the Mnemonic file, or select [No] to cancel.
2655	Registration of Mnemonic file will be changed. Do you want to continue.	Select [Yes] to change the registration of the Mnemonic file, or select [No] to cancel.
2656	The Mnemonic List cannot be saved.	No action required.
2657	Windows error has occurred.	A Windows error has occurred. Reboot the Remote Console. If the problem persists, reinstall the Remote Console software.
2658	Logical error has occurred.	A logical error has occurred. Reboot the Remote Console. If the problem persists, reinstall the Remote Console software.
2659	If you want to continue processing, you should shut down all the connected SCSI hosts. Select OK after shutting down the hosts.	Shutdown all connected SCSI hosts, then select [OK] to continue the operation.
2660	If you continue this process, you have to switch to the alternate SCSI channel path. Do you want to continue this process?	Select [Yes] if you want to switch to the alternate SCSI channel path and continue the process.
2662	DKC busy, please retry later.	Retry the operation after a few minutes.
2663	Failed to renew information about the configuration. Check the subsystem status.	The renewal process has failed. Verify that the status subsystem is normal. If the problem persists, please call the Hitachi Data Systems Technical Support Center.
2664	Error has occurred. Do you stop this process?	An error has occurred. Select [OK] to stop the operation.
2665	No HDD is over the rate.	There is no hard disk drive with an error rate that exceeds the specified rate.
2666	No ORM Log is existing on this ID.	There is no ORM Log information for the selected error ID.
2667	Are you sure you want to reset Threshold Counter of all ID?	Press [OK] to reset the counters.

Error Number	Error Message	Recommended Action
2668	Are you sure you want to alter the threshold value of the HDD you selected?	Press [OK] to alter the threshold value of the selected hard disk drive.
2669	Rate must be from 0 to 100(%%).	Select an error rate from 0 to 100(%).
2670	Select HDD(s).	Select one or more hard disk drives from the list, then select [OK].
2671	Enter correct threshold value.	Press [OK], then correct the threshold value.
2672	Allocating local memory object failed.	Reboot the PC, and retry the operation.
2673	File opening failed.	Reboot the PC and retry the operation.
2674	Any processor are not selected.	Select a processor and select [OK].
2676	The version of special FD is different ! Please check it and insert correct FD (%s)	Verify that the version of the floppy disk is correct and retry the operation. If the problem persists, please call the Hitachi Data Systems Technical Support Center.
2680	Verifying the logical devices. No maintenance can be performed now. Do you want to stop this process?	Select [Yes] to cancel the verification process, or select [No] to continue the process.
2682	The DKC serial number is invalid. Enter a correct DKC serial number (from 1 to 65535).	Verify the IP address and retry the operation.
2683	DCR available size is too large. Please check CACHE/DCR size configuration.	Verify the cache and DCR size configuration. If the problem persists, either install more cache memory, or reduce the size of the DCR.
2684	SCSI path is defined to volume 3:FF. But this volume is not Command Device. If you want to define SCSI path to the volume, please set Command Device to it.	The SCSI path is defined to volume 3:FF, which is not mapped to the Command Device. If you want to define the SCSI path to the volume, please map the volume to the Command Device. If you do not want to map the Command Device to this volume, please delete all SCSI paths defined to the volume.
2685	A connection error occurred between Remote Control and controller. (Controller:%s)	Verify the LAN connection and retry the operation.
2686	An internal error occurred in the Remote Console. (Controller:%s)	Select [OK] to stop the specified operation. If the problem persists, reboot the Remote Console.
2687	The target controller is being maintained now. After maintaining, please retry again.(Controller:%s)	Select [OK] to acknowledge the message, then retry the operation after maintenance of the selected controller is complete.
2688	Are you sure you want to output pair status into a snapshot file? (Warning: Snapshot file will be overwritten.)	If you want to output pair status into a snapshot file, press "Yes" button. If not, press "No" button to abort.
2689	Snapshot has failed.	Press "OK" button, then try again.
2690	Snapshot is done.	No action necessary.
2691	Please insert config FD in FDD.	Insert a formatted floppy disk into the floppy disk drive.

Error Number	Error Message	Recommended Action
2692	Do you want to stop the file transfer process?	Select [Yes] if you want to stop the file transfer process, or [No] if you want it to continue.
2693	DCR limit size is to large. Please check Cache configuration.	Check for proper amount of cache installed. If there is not enough cache, then lower the DCR size.
2694	The R-VOL should not be HMRCF/HOMRCF T-VOL, Reserve VOL, nor HMRCF/HOMRCF Reverse Copy status. (Error Code = %04x)	Check the status of the specified R-VOL from the host or the SVP.
2695	The M-VOL should have HMRCF/HOMRCF Split pair (PSUS) status when defined as T-VOL, not be Reserve VOL, and not be HMRCF/HOMRCF Reverse Copy status. (Error Code = %04x)	Check the status of the specified M-VOL from the host or the SVP.
2696	The M-VOL should be HMRCF/HOMRCF T-VOL of the pair established with one S-VOL to one T-VOL. (Error Code = %04x)	Check the status of the specified M-VOL from the host or the SVP.
2697	SCSI channel path is defined for the target volume. Delete the defined SCSI path first.	The target volume is connected to a SCSI port. Delete the connected SCSI Path, change the target volume, and retry the operation.
2698	The MCU is already used by HMRCF/HOMRCF. (Error Code = %04x)	The Add Pair operation failed because the MCU is already being used by HMRCF/HOMRCF. Verify the status of the MCU and retry the operation.
2699	Invalid configuration file was read. Please stop this operation and reboot SVP.	Select [OK], then reboot the SVP. Open the Maintenance screen, select the proper configuration, and then close it, so the correct configuration file is read.
2700	There is no statistical information in the SVP. Select ""Switch"" button and execute gathering statistical information from DKC.	Select [OK] to acknowledge the message, then select [Switch] and check that that [ON] is selected in the data gathering screen. Complete the HIHSM function, retry, and then wait for the SVP to begin gathering statistical information from the DKC.
2701	Please insert a DOS formatted FD (No.%d).	Insert a formatted floppy disk into the floppy disk drive.
2702	This subsystem needs the CL Additional Power Supply. Please install CL Additional Power Supply.	If 3 or more channel options are installed, additional power supplies are required.
2703	This subsystem needs the CL Additional Power Supply. Please de-install the channel options before de-install the CL Additional Power Supply.	Deinstall the channel options, deinstall the CL, then install the CL additional power supply.
2704	Backup is failed.	Open the install dialogue, select [Copy config Files], then open the copy config files dialogue and select [Create Configuration Backup].
2705	The Keylock List cannot be saved.	Check the hard disk drive of the Remote console
2706	Registration of Keylock file will be eared. Do you want to continue?	Select [Yes] if you want to continue, which will erase the registration of the keylock file. Select [No] to cancel.

Error Number	Error Message	Recommended Action
2707	Registration of Keylock file will be changed. Do you want to continue?	Select [Yes] if you want to continue, which will change the registration of the keylock file. Select [No] to cancel.
2708	An MS-DOS error occurred.	Reboot the Remote Console. If the problem persists, reinstall the Remote Console software.
2709	The Open Keylock List cannot be saved.	Check hard disk drive in the remote console PC.
2710	Selected device is not ready, or adapted file is not exists.	Select [OK] to acknowledge the message, then either prepare the selected device or copy files to specified directory, and retry the operation.
2711	The operation was rejected because of the state of FREEZE.	1. If this was a path operation retry after the problem has been fixed. 2. If this was a pair operation, retry after the paths have been recovered. Two means of recovering paths are as follows: (a) Execute ESTPATH from the host console, or (b) First delete the path(s) from the SVP, then retry adding them.
2712	Please confirm you have already unmounted the concerned Volume. If [OK], please press [OK].	Verify that the specified volume has been unmounted. If you are using Windows NT, shut down the system. If not, select [OK].
2713	Do you want to make backup files for SCSI I/F Configuration?	Select [Yes] if you want to create backup files for SCSI I/F Configuration. Select [No] if you don't want to make backup files.
2714	Keylock definition file read error has occurred.	Select [OK] to acknowledge the message, then verify the condition of the keylock definition file.
2715	Keylock definition file access error has occurred (Open error).	Select [OK] to acknowledge the message, then verify that the Keylock definition file exists in the directory (C:\Rmtcnsl\com).
2716	Mnemonic definition file read error has occurred.	Selecting [OK] to acknowledge the message, then verify the condition of the Mnemonic definition file.
2717	Mnemonic definition file access error has occurred (Open error).	Select [OK] to acknowledge the message, then verify that the Mnemonic definition file exists in the directory (C:\Rmtcnsl\com).
2718	CU definition file access error has occurred.	Select [OK] to acknowledge the message, then verify that the file C:\Rmtcnsl\com exists.
2719	Binary data file access error has occurred (Open error).	Restart the main application and select the Disk key button. (You do not need select 'Key Open' or 'Key Close'.)
2720	Binary data file read error has occurred.	Restart the main application and select the Disk key button. (You do not need select 'Key Open' or 'Key Close'.)
2721	Binary data file write error has occurred.	Verify your disk capacity. The binary data file size is about 16 kB.
2722	Keylock data file access error has occurred (Open error).	Select [OK] to acknowledge the message, then verify that the Keylock definition file exists in the directory (C:\Rmtcnsl\com).
2723	Mnemonic data file access error has occurred (Open error).	Select [OK] to acknowledge the message, then verify that the Mnemonic definition file exists in the directory (C:\Rmtcnsl\com).
2724	Invalid configuration data is generated. Please reboot PC, and open Maintenance window. After close Maintenance window, please define configuration again.	Reboot the PC, then open Maintenance window and verify the correct configuration data from DKC. Close the Maintenance Window, then redefine the configuration.
2725	Are you sure you want to execute data setting to all CUs?	Select [OK] if you want to copy the data settings to all the CUs in the subsystem. .

Error Number	Error Message	Recommended Action
2726	Making backup files for SCSI path information was %s.	Retry the operation.
2727	Communication error has occurred when reading the Configuration data from DKC. Reboot the SVP. Do you want to stop this process ?	Select [Yes] to stop the process, then reboot the SVP and retry. If the same error occurs, use the FD Copy function to copy the configuration and call the Hitachi Data Systems Technical Support Center.
2728	Communication error has occurred when checking the Remote Copy status. Reboot the SVP. Do you want to stop this process ?	Select [Yes] to stop the process, then reboot the SVP and retry. If the same error occurs, use the FD Copy function to copy the configuration and call the Hitachi Data Systems Technical Support Center.
2729	Communication error has occurred when checking the HMRCF/HOMRCF status. Reboot the SVP. Do you want to stop this process?	Select [Yes] to stop the process, then reboot the SVP and retry. If the same error occurs, use the FD Copy function to copy the configuration and call the Hitachi Data Systems Technical Support Center.
2730	Communication error has occurred when checking the PIN data. Reboot the SVP. Do you want to stop this process ?	Select [Yes] to stop the process, then reboot the SVP and retry. If the same error occurs, use the FD Copy function to copy the configuration and call the Hitachi Data Systems Technical Support Center.
2731	Communication error has occurred when checking the S-SVP status. Reboot the SVP. Do you want to stop this process?	Select [Yes] to stop the process, then reboot the SVP and retry. If the same error occurs, replace the S-SVP.
2732	Do you want to add SCSI path WITHOUT SHUTDOWN?	Verify that you want to add the SCSI path online and select [Yes] to continue.
2733	There is no change in configuration data.	No action necessary, unless you want to change the configuration data and retry the operation.
2734	SCSI path(s) can't be added. Host Mode of the selected port is not for ""WITHOUT SHUTDOWN"" mode.	SCSI path(s) can not be added, because the host mode of the selected port does not support online path addition. Verify the port's host mode setting, and either retry the operation or add the SCSI path(s) offline.
2735	Are you sure you want to delete the C/T group?	Select [Yes] if you want to delete specified C/T group. If not, select [No].
2736	C/T group is not active.	The add pair operation failed because the C/T Group is not active. Add the C/T group, then retry the operation.
2737	Too many RCUs in this C/T Group. (Error Code = %04x)	The add pair operation failed because there are too many RCUs in this C/T group. If the timer type is System, then 4 RCU have already been added. If the timer type is Local or None, then 1 RCU has already been added.
2738	Copy mode can not be changed.	The resume pair operation failed. The volume and the copy mode must be either both asynchronous or both synchronous. Verify that the status of the volume and the copy mode match, then retry the operation.
2739	C/T Group is not active in the RCU.	The resume pair operation failed, because there is no R-VOL in the C/T Group. Verify the status of the C/T group in the MCU/RCU. If an M-VOL exists, delete it and retry the add pair operation.
2740	C/T Group Option can not be changed unless deleting all asynchronous pairs in the group.	If you want to change the C/T group option (timer type or time out), either delete all asynchronous pairs in the group, or verify the status of the RCU C/T Group option and set the same option as the MCU.

Error Number	Error Message	Recommended Action
2741	Too many MCUs in this C/T Group. (Error Code = %04x)	The add pair operation failed because there are too many MCUs in this C/T group. If the timer type is System, then 4 MCUs have already been added. If the timer type is Local or None, then 1 MCU has already been added.
2742	Please retry Add pair/Resume pair operation a few minutes later.	The add/resume pair operation failed, because the either the specified volume or another volume in the same group is being changed to simplex or suspend status. Retry the operation after the status change is completed.
2743	HRC Asynchronous function is not installed in specified RCU.	Install HRC Asynchronous in the RCU and retry the operation.
2744	This version does not support multi C/T Groups in the RCU.	This microcode version does not support multiple C/T groups in the RCU. Verify the status and retry.
2745	This version does not support intermix of HRC Asynchronous pair and Sync/Semi-Sync pairs in the DKC(s).	This microcode version does not support both HRC Asynchronous pairs and Synchronous/Semi-Synchronous pairs in the same DKC. Verify the status of the copy mode in the MCU and the RCU then retry the operation.
2746	Specified M-VOL is an HMRCF/HOMRCF volume. This version does not support it.	This microcode version does not support HMRCF, and the specified M-VOL is an HMRCF volume. Verify the status of the M-VOL and retry.
2747	Specified R-VOL is an HMRCF/HOMRCF volume. This version does not support it.	This microcode version does not support HMRCF, and the specified R-VOL is an HMRCF volume. Verify the status of the R-VOL and retry.
2748	Suspend (Pairsplit-r) operation failed because specified volume or other volume in the same group is not in permissible status. (Error Code = %04x)	The operation failed, because of one of the following reasons: 1. The specified volume is SIMPLEX. 2. There is no DUPLEX or DUPLEX-PENDING volume in the group. 3. Either the specified volume or another volume in the same group are SUSPENDED. Verify the status, and retry the operation.
2749	Suspend (Pairsplit-r) operation failed because specified volume or other volume in the same group is in status transition. (Error Code = %04x)	The operation failed, because of one of the following reasons: 1. The specified volume or another volume in the same group are DELETING. 2. The specified volume or another volume in the same group are SUSPENDING. Wait for the change in status to be completed, then retry the operation.
2750	Delete pair (Pairsplit-S) operation failed because M-VOL is in Simplex (SMPL) status. (Error Code = %04x)	The operation failed, because of one of the following reasons: 1. The specified volume is SIMPLEX. 2. There is no DUPLEX or DUPLEX-PENDING or SUSPEND volume in the group. Verify the status, and retry the operation.
2751	Delete (Pairsplit-S) operation failed because specified volume or other volume in the same group is in status transition. (Error Code = %04x)	The operation failed, because of one of the following reasons: 1. The specified volume or another volume in the same group are DELETING. 2. The specified volume or another volume in the same group are SUSPENDING. Wait for the change in status to be completed, then retry the operation.
2752	Delete pair (Pairsplit-S) operation failed because Consistency Time of C/T Group is not determined by SEQCHK. (Error Code = %04x)	The operation failed, because the status of the C/T Group is SEQCHK. Retry the operation with either the VOLUME or the GROUP option.
2753	Some volumes were not deleted by the Delete pair (Pairsplit-S) operation. (Error Code = %04x)	The operation failed for one or more of the volumes, because either the pair status of the volume is SEQCHK or the consistency time of the volume does not match the consistency time of the C/T group. Verify the status of the failed volumes. If necessary, retry the Delete Pair operation with the VOLUME or the GROUP option.

Error Number	Error Message	Recommended Action
2754	All volumes were not deleted by the Delete pair (Pairsplit-S) operation. (Error Code = %04x)	The operation failed for all of the volumes, because either the pair status of the volume is SEQCHK or the consistency time of the volume does not match the consistency time of the C/T group. Verify the status of the failed volumes. If necessary, retry the Delete Pair operation with the VOLUME or the GROUP option.
2755	Duplicate C/T Group# (A C/T Group has been already active in MCU).	The operation failed because a duplicate C/T Group is already active in the MCU). Verify the status of the C/T group and retry the operation.
2756	C/T Group is not active.	Verify that the C/T group is active in the MCU.
2757	C/T Group Option can not be changed unless all asynchronous pairs in the group are suspended or deleted. (Error Code = %04x)	GROUP OPTION operation failed because the specified group has asynchronous pair. Renew and check the Remote Copy screen.
2758	HRC Asynchronous function is not installed in specified MCU.	Install HRC Asynchronous in the MCU and retry the operation.
2759	This version does not support multi C/T Groups in the MCU.	This microcode version does not support multiple C/T Groups in the MCU. Verify the status and retry the operation.
2760	At least one asynchronous pair is active in this group.	Verify that there are no asynchronous pairs active in this group, and retry the operation.
2761	Please retry Delete Group operation a few minutes later.	Retry the operation after the pair status has been changed to SIMPLEX.
2762	%s pair volume exists. Restoring process can't be executed.	The operation is not permitted because there is either a HORC or HOMRCF pair.
2763	Restoring process can't be executed. %s configuration of backup doesn't correspond with the current subsystem configuration.	Change the configuration of the PCB or logical device in the backup to match the current configuration of the subsystem, then retry the operation.
2764	<Important CAUTION> This operation will change the SCSI I/F configuration while online to the host.	Select [OK] if you want to define a SCSI I/F configuration while you are online to the open-systems host. Select [Cancel] to cancel.
2765	<Important CAUTION> If you want to continue this operation, you should confirm the OS of the connected SCSI hosts. Otherwise the file system will be SERIOUSLY DAMAGED.	Before you continue the selected operation, verify that the operating system of the open systems host is configured for online LUN addition, or serious, unrecoverable damage could result. If you want to continue the operation select [OK]. If you want to exit the operation select [Cancel].
2766	<Important CAUTION> If you need shutdown of the connected SCSI hosts, terminate this procedure by [Cancel] button and select INSTALL-CHANGE CONFIGURATION-SCSI I/F CONFIGURATION menu.	If you need to shut down the connected SCSI host(s), select [Cancel] to terminate this procedure, then select the INSTALL-CHANGE CONFIGURATION-SCSI I/F CONFIGURATION menu. Select [OK] to continue the operation.
2767	<Important CAUTION> Are you sure you want to define SCSI I/F configuration WITHOUT SHUTDOWN of the connected SCSI hosts?	Select [OK] to continue the operation without shutting down the connected SCSI host(s). Select [Cancel] to terminate the operation.

Error Number	Error Message	Recommended Action
2768	If you want to add OPEN CVS volume, specify more than 35 Mbytes. (35 MB or more).	The number of specified MB is too low. If you want to add an open CVS volume, enter 35 or more for the number of MB.
2769	Please retry Add pair (Paircreate)/Resume Pair (Pairresync) operation a few minutes later. (Error Code = %04x)	ADD/RESUME PAIR operation failed. Specified volume or other volume in the same group being changed to SIMPLEX/SUSPEND status in RCU. A few minutes later, please renew and check the HRC screen and if specified volume is permissible status please retry the operation.
2770	The DKU emulation type of this normal volume will be defined to %s. Are you sure you want to define with this DKU emulation type?	This operation will define the emulation type of this DKU as displayed. Verify that the displayed emulation type of the DKU is acceptable (compatible with the emulation type of the other DKU), then either select [Yes] to continue, or select [No] to cancel, then change the emulation type.
2771	The DKU emulation type will CHANGE TO %s. Are you sure you want to change?	This operation will define the emulation type of this DKU as displayed. Select [Yes] to continue, or select [No] to cancel.
2772	SCSI path(s) will be added to the port(s) that has no SCSI path definition. Do you want to add the path(s)? [Yes]: The Host Mode of the corresponding port must be changed. [No: This operation will be canceled.]	This operation will add SCSI paths to the specified port. If you want to add the SCSI paths, the host mode of the selected port must be changed. Select [Yes] to continue the operation, or select [No] to cancel the operation and change the host mode.
2773	Host Mode of the selected port(s) can't be changed. If you want to change Host Mode of the concerned port(s), please select %s menu.	If you want to change Host Mode of the affected port(s), select the specified menu, in order to define the path(s) offline.
2774	3390-3 and 33903R can not exist in the same subsystem. Please choice the emulation type to either 3390-3 or 3390-3R.	Change the DKU emulation type to either all 3390-3 or all 3390-3R, or call the Hitachi Data Systems Technical Support Center for assistance.
2775	3390-3 and 33903R can not coexist. Please solve DKU emulation type coexistence problem with DKU emulation type change function.	Change the DKU emulation type to either all 3390-3 or all 3390-3R, or call the Hitachi Data Systems Technical Support Center for assistance.
2776	3390-3 and 33903R can not coexist. Please call your maintenance support center to solve DKU emulation type coexistence problem.	Change the DKU emulation type to either all 3390-3 or all 3390-3R, or call the Hitachi Data Systems Technical Support Center for assistance.
2777	A SCSI path is added to the port that has no SCSI path definition. Set the Host Mode of the corresponding port again.	Set the host mode to the specified port, then retry the operation.
2778	Invalid %s exists. Please modify it.	Modify the invalid fibre information

Error Number	Error Message	Recommended Action
2779	<Important CAUTION> If you need shutdown of the connected SCSI hosts, terminate this procedure by [Cancel] button and select %s menu.	Select [OK] to continue the operation without shut down of the connected SCSI host(s). Select [Cancel] if you need to terminate the operation and shut down the host(s).
2780	Please select of the Pair Mode from the Display Filter before pair operation.	Select a pair mode before initiating a pair operation.
2781	It will take %s minutes to finish this process usually (maximum %d minutes). Do you want to continue?	The times shown are the standard and maximum times to finish this process. Select [OK] to continue.
2782	Are you sure you want to %s %s?	Select [Yes] to confirm the choice shown in the error message. Select [No] to change it.
2783	Failed to group the selected WWN. The selected %s have a different LUN security information.	The selected items have different LUN Security information. Verify the LUN security information and retry the operation.
2784	The maximum number of %s groups is %d per port.	The selected number of WWN groups per port exceeds the specified maximum. Verify the number and retry the operation.
2785	Are you sure you want to change the selected WWN or nickname?	Select [OK] to change the WWN or nickname, or select [Cancel] to exit the operation.
2786	The entered %s already exists.	The selected WWN or nickname already exists. Please enter a different WWN or nickname and retry the operation.
2787	Are you sure you want to delete the selected WWN? If you select [Yes] LUN security information of the WWN well be deleted.	Select [Yes] to delete the selected WWN and its associated LUN security setting. To exit the operation without deleting the WWN, select No.
2788	Error response from DKC.	Retry the operation.
2789	The maximum number of WWNs per port is 15.	If you want to add a new WWN to a port that already has the maximum number defined, you must delete an existing WWN.
2790	The entered WWNs were registered.	Select [OK] to continue.
2791	%s contains a number which is not hexadecimal.	Enter a valid WWN (not hexadecimal) and retry the operation.
2792	%s contains an invalid character string.	Re-enter the nickname using valid characters and retry the operation.
2793	The Remote Copy volume pair may be suspended. No maintenance operations are possible during Remote initial copy. Are you sure you want to continue this process ?	Select [Yes] to continue the process, which may suspend the remote Copy volume pair. Select [No] to stop the process and wait until the remote initial copy is completed.
2794	%s of selected port(s) can't be changed. If you want to change it of the concerned port(s), please select %s menu.	If you want to change the specified condition (Host Mode, Fibre port address or Fibre port topology), select the one of the following: 1. On the SVP: INSTALL-CHANGE CONFIGURATION-SCSI I/F CONFIGURATION. 2. On the Remote Console: PATH-DEFINE(OFFLINE).

Error Number	Error Message	Recommended Action
2795	%s can't be set or reset. The selected %s has SCSI path(s) using now.	The selected volume has SCSI path(s) currently in use, so the command device can't be set or reset.
2796	It is possible that host I/O of concerned LUN may not stop or concerned LUN may be reserved. Please stop host I/O of it or release the reserve.	Before continuing, either stop the host I/O of the concerned LU or release the reserve.
2797	CONFIG is inconsistent with option product. Please install CONFIG of version %d-xx-xx/10 by INSTALL-COPY CONFIG FILES-INITIAL INFORMATION FILES menu.	Install the specified configuration, so that it is consistent with the program product, using the INSTALL-COPY CONFIG FILES-INSTALL INFORMATION FILES menu.
2798	The number of selected LDEVs exceeds maximum value (%d).	Select a number of LDEVs that is less than the specified maximum value.
2799	Delete pair(Pairsplit-S) operation with C/T option failed because some R-VOLs in the group are in Duplex(PAIR) or Pending(COPY) status. \n(Error Code = %04x)	Delete Pair operation with C/T option failed. The pair status of the R-VOL is not permissible status for the operation. There is some DUPLEX or DUPLEX-PENDING volume(s) in the group. Renew and check the Remote Copy screen. If an R-VOL is in permissible status, please retry operation.
2805	The R-VOL is already used by HIHSM.	Verify the status of the specified R-VOL.
2806	The M-VOL is already used by HIHSM.	Verify the status of the specified M-VOL.
2807	The controller is busy now. Please retry a little later.	Retry the operation after several seconds.
2808	The option product (HIHSM) is not Installed.	Install HIHSM before retrying the operation.
2809	The controller received an invalid command.	Refresh the HIHSM screen, then retry the operation. If the problem persists, please call the Hitachi Data Systems Technical Support Center.
2810	There is no allocable reserved volume.	There is no allocated reserved volume.
2811	Track formats do not match.	Verify that the track format of the selected volumes match, then retry the operation.
2812	The numbers of cylinders do not match.	Verify that the number of cylinders of the selected volumes match, then retry the operation.
2813	The volume types do not match.	Verify that the volume type of the selected volumes match, then retry the operation.
2814	The number of volume pairs exceeds the maximum.	Either cancel the volume pair or wait for the migration to finish, then retry the operation.
2815	The controller detected the blockade location.	The controller detected a blockage. Please call the Hitachi Data Systems Technical Support Center.
2816	A data transfer failure was detected.	The controller detected a data transfer failure. Please call the Hitachi Data Systems Technical Support Center.
2817	The target volume(s) is not equipped.	The target volume(s) is/are not installed. Refresh the HIHSM screen, and retry. If the problem persists, please call the Hitachi Data Systems Technical Support Center.

Error Number	Error Message	Recommended Action
2818	The target volume(s) cannot be used.	The target volume(s) can not be used. Refresh the HIHSM screen, and retry. If the problem persists, please call the Hitachi Data Systems Technical Support Center.
2819	The target volume(s) is already reserved.	The target volume(s) is/are already reserved.
2820	The target volume(s) is already reserved.	The target volume(s) is/are being used by HMRCF or HOMRCF. Refresh the HIHSM screen and retry. If the problem persists, please call the Hitachi Data Systems Technical Support Center.
2821	The target volume(s) is already used by HIHSM.	The target volume(s) is/are being used by HIHSM. Refresh the HIHSM screen, and retry. If the problem persists, please call the Hitachi Data Systems Technical Support Center.
2822	The target volume is not a reserved volume.	The target volume is not a Reserved Volume. Refresh the HIHSM screen and retry. If the problem persists, please call the Hitachi Data Systems Technical Support Center.
2823	The number of volumes exceeds the maximum.	The number of volumes is over the maximum. Refresh the HIHSM screen, and retry. If the problem persists, please call the Hitachi Data Systems Technical Support Center.
2824	The RAID level of the target volume is not supported.	Verify the DKCMAIN microprogram version, then call the Hitachi Data Systems Technical Support Center.
2825	The target volume(s) has already been reserved.	The target volume(s) have already been set the as reserved. Refresh the HIHSM screen, and retry. If the problem persists, please call the Hitachi Data Systems Technical Support Center.
2826	The number of pairs in the target volume(s) exceeds the maximum.	Either wait for the migration to the finish the migration or cancel it, then retry the operation.
2827	The specified volume is not the source volume.	The target volume is not the source volume. Refresh the HIHSM screen, and retry. If the problem persists, please call the Hitachi Data Systems Technical Support Center.
2828	The specified volume is already the source volume.	The target volume has already set the Source volume. Refresh the HIHSM screen and retry. If the problem persists, please call the Hitachi Data Systems Technical Support Center.
2829	The R-VOL is reserved, or the RCU or the path between MCU-RCU is heavy load condition.	Verify the status of the specified R-VOL. If the device is not reserved, retry the operation.
2830	The target volume(s) has already used by HODM.	The target volume(s) is/are already being used by HODM. Refresh the HIHSM screen, and retry. If the problem persists, please call the Hitachi Data Systems Technical Support Center.
2831	The target volume(s) has already used by Remote Copy.	The target volume(s) is/are already being used by Remote Copy. Refresh the HIHSM screen, and retry. If the problem persists, please call the Hitachi Data Systems Technical Support Center.
2832	The target volume(s) has already used by HOST or Remote Copy.	The target volume(s) is/are already being used by host or Remote Copy. Refresh the HIHSM screen, and retry. If the problem persists, please call the Hitachi Data Systems Technical Support Center.
2833	Reverse copy and Quick restore cannot be executed, because these functions are not supported for L2-pair.	Please select only L1-pair and execute the Reverse copy and Quick restore operations.
2834	Failed to gather data. (Error Code = %04x)	Please retry or check the support status.
2835	Prioritized Port Control could not be used. (Error Code = %04x)	Install the PP of the Prioritized Port Control.

Error Number	Error Message	Recommended Action
2836	Maintenance object included the HIHSM pair. You should delete pair and reset reserve.	If you want to perform maintenance on the selected object(s), delete the HIHSM pair and reset the reserve.
2837	The target volume(s) is not supported by HIHSM.	The target Volume or the pair is not supported by HIHSM. Refresh the HIHSM screen, and retry. If the problem persists, please call the Hitachi Data Systems Technical Support Center.
2838	The target volume is being formatted.	Target volume is being formatted.
2839	The target volume(s) is a command device.	The target volume(s) is Command Device. Please select another Volume(s).
2840	The selected source volume and destination volume are the same volume.	Refresh the HIHSM screen, and retry the operation. If the problem persists, please call the Hitachi Data Systems Technical Support Center.
2841	All Fibre paths to the physical device are abnormal. Please check the Diagnosis Log of Information.	Select [OK], then check the Diagnosis Log.
2842	Some Fibre paths to the physical device are abnormal. Please check the Diagnosis Log of Information.	Select [OK], then check the Diagnosis Log.
2843	Do you want to restore the DKA and normal Fibre path?	Select [Yes] to restore the DKA and normal Fibre path, which will block the abnormal Fibre path. Otherwise, select [No].
2844	Are you sure you want to replace the FSW? If you sure you select [Yes], blocking of the DKP will be unavoidable.	Select [Yes] to replace the FSW, which will block the DKP. Otherwise, select [No].
2845	Do you want to restore the DKP now?	Select [Yes] to restore the DKP. Otherwise, select [No].
2846	Please replace the FSW which connected by same Fibre Interface cable, and then select [OK]. (%s)	Replace the specified FSW (connected by the same fibre interface cable), and then select [OK].
2847	Please replace the FSW, and then select [OK]. (%s)	Please replace the FSW, and then select [OK].
2848	Please select replacement parts. If you want to replace the parts, please select the corresponding parts.	Select the part(s) to be replaced by checking the corresponding button(s).
2849	CSW Path test error has occurred.	Check the status/log and recover from the error.
2850	CSW blockade error has occurred.	Check the status/log and recover from the error.
2851	CSW restore error has occurred.	Check the status/log and recover from the error.
2852	Failed to get information from hihsmatm.ini. Please generate parameter file by [Initialize] button.	Select the initialize button to generate a parameter file.

Error Number	Error Message	Recommended Action
2853	Failed to get information from hihsmpln.ini. Please generate parameter file by [Initialize] button.	Select the initialize button to generate a parameter file.
2854	Failed to get information from hihsmfpg.ini. Please generate parameter file by [Initialize] button.	Select the initialize button to generate a parameter file.
2855	Failed to get information from hihsmcls.ini. Please generate parameter file by [Initialize] button.	Select the initialize button to generate a parameter file.
2856	Failed to get information from hihsmpgr.ini. \replace generate parameter file by [Initialize] button.	Select the initialize button to generate a parameter file.
2857	Failed to get information from hihsmldv.ini. \replace generate parameter file by [Initialize] button.	Select the initialize button to generate a parameter file.
2858	Failed to get configuration information. \r	Select the refresh button on the HIHSM Main panel.
2859	Failed to write to hihsmpln.ini.	Check the hard disk drive.
2860	Failed to write to hihsmpgr.ini.	Check the hard disk drive.
2861	Failed to write to hihsmldv.ini.	Check the hard disk drive.
2862	Invalid data from hihsmatm.ini.	Select the initialize button to generate a parameter file.
2863	Invalid data from hihsmpln.ini.	Select the initialize button to generate a parameter file.
2864	Invalid data from hihsmcls.ini.	Select the initialize button to generate a parameter file.
2865	Invalid data from hihsmpgr.ini.	Select the initialize button to generate a parameter file.
2866	Invalid data from hihsmldv.ini.	Select the initialize button to generate a parameter file.
2867	Invalid configuration information.	Select the refresh button on the HIHSM Main panel.
2868	Invalid reserve volume information.	Select the refresh button on the HIHSM Main panel.
2869	No enough valid HIHSM data exist in the specified term. \replace check following items. \r(1)Auto Workload Check [Data term] \r(2)HIHSIM data term.	Check the following: (1) Auto Workload Check [Data term] (2) HIHSIM data term.
2870	Cannot make proper migration plan by this function. \replace check following items. \r(1)Reserve volume location. \r(2)Auto migration Max disk utilization.	Check the following: (1) Reserve volume location. (2) Auto migration maximum disk utilization.

Error Number	Error Message	Recommended Action
2871	Memory allocation error occurred.	Reboot the PC.
2872	Internal error occurred.	Retry the operation. If the problem persists, reboot the PC.
2873	Specified volume as reserve volume has DCR setting.	Cancel the DCR setting.
2874	Specified volume as migration source volume has DCR setting.	Cancel the DCR setting.
2875	Specified volume as migration destination volume has DCR setting.	Cancel the DCR setting.
2876	Change the Reserved attribute of a device that is currently assigned a path in LUN Management could lead to data corruption.	This LDEV has already been assigned a path in LUN Manager. Please remove all paths to the LDEV before changing volume attributes.
2877	Are you sure you want to set the maximum disk utilization?	Select [OK if you want to set maximum disk utilization. If not, select [Cancel].
2878	Target volume is LUSE volume. Cannot change to reserve volume.	Please select another volume.
2879	ADDPAIR operation failed because intermixture of HRC Asynchronous pairs and HORC Asynchronous pairs is not allowed in the same CT Group.	The operation failed because HRC asynchronous pairs can't be mixed with HORC asynchronous pairs. Verify the status, then retry the operation.
2880	Preset Suspension is effective in the CT Group. (Error Code = %04x)	Cancel the preset suspension in the C/T group, then retry the operation.
2881	Preset Suspension is effective in the CT Group. (Error Code = %04x)	Cancel the preset suspension in the C/T group, then retry the operation.
2882	Preset Suspension is effective in the CT Group. (Error Code = %04x)	Cancel the preset suspension in the C/T group, then retry the operation.
2883	HORC Asynchronous function is not installed in specified MCU. (Error Code = %04x)	Install the HORC Asynchronous function in the MCU, then retry the operation.
2884	HORC Asynchronous function is not installed in specified RCU. (Error Code = %04x)	Install the HORC Asynchronous function in the RCU, then retry the operation.
2885	Invalid Timer Type option. (Error Code = %04x)	Specify "Local" or "None" for the timer type on the HORC panel, then retry the operation.
2886	PK or Parts information was changed. Are you sure you want to rewrite PK or Parts information?	Select [Yes] if you want to overwrite the PK or parts information with the changes.
2887	I/O Error occurred on the R-VOL. (Error Code = %04x)	Check the SSB LOG, record the error number, and call the Hitachi Data Systems Technical Support Center.

Error Number	Error Message	Recommended Action
2888	The specified R-VOL is not recognizable from the connection port. (Error Code = %04x)	Verify the configuration of the specified R-VOL.
2889	The specified R-VOL is not permissible condition of Remote Copy. (Error Code = %04x)	The remote copy operation failed, because R-VOL has one of the following conditions: 1. The volume is blocked. 2. The volume is under maintenance. 3. The volume is copying data (correction copy or drive copy) 4. The volume is in the correction access condition.
2890	The specified R-VOL is Intervention required condition. (Error Code = %04x)	Check the status of the specified R-VOL.
2891	System error has occurred. %s	Select [OK], then reboot the PC.
2892	Failed to open a read file. File = %s	Select [OK], then retry the operation.
2893	Failed to open a write file. Check if the ""C"" drive has some free space.	Select [OK], and then verify that the "C" drive has some free space.
2894	Failed to read a file. File = %s.	Select [OK], and then verify that the "C" drive has some free space.
2895	Failed to write to a file. Please check if the ""C"" drive has some free space.	Select [OK], and then verify that the "C" drive has some free space.
2896	Failed to create the directory. Directory = %s	Select [OK], and then verify that the "C" drive has some free space.
2897	Failed to install the Remote Console program.	Select [OK], then reinstall the Remote Console program.
2898	Failed to deinstall the Remote Console program.	Select [OK], then retry the de-installation of the Remote Console program.
2899	Are you sure you want to install your Remote Console program forcibly?	Select [Yes] to install the Remote Console program forcibly, or select [No] to stop processing.
2900	Are you sure you want to de-install the Remote Console program?	Select [Yes] to de-install the Remote Console program, or select [No] to stop processing.
2901	Cancel button was selected. Are you sure you want to cancel the copy?	Select [Yes] to cancel the copy operation, or select [No] to continue.
2902	Please insert the Setup media #%d into the drive. And select ""OK"" button.	Insert the specified setup medium into the drive and select [OK] to continue, or select Cancel to abort the process.
2903	The Setup media of the Remote Console was invalid. Please insert Setup media #%d into the drive. And select ""OK"" button.	Insert the specified setup medium into the drive and select [OK] to continue, or select Cancel to abort the process.
2904	Remote Console installation was complete.	Select [OK] to acknowledge the message.

Error Number	Error Message	Recommended Action
2905	Remote Console de-installation was complete.	Select [OK] to acknowledge the message.
2906	Remote Console Installer execution error(id = %d) has occurred.	Select [OK] to acknowledge the message, then retry.
2907	A system error occurred. %s.	Select [OK] to acknowledge the message, then reboot the PC.
2908	Are you sure you want to download the Remote Console programs from the connected SVP?	Select [Yes] to start downloading the Remote Console program, or select [No] to stop processing.
2909	This function is not supported.	Select [OK], and call the Hitachi Data Systems Technical Support Center.
2910	Your Remote Console should execute version up, but SVP does not have an appropriate version of Remote Console. Please call your technical support center.	Please call the Hitachi Data Systems Technical Support Center to get the appropriate version.
2911	No version information file exists. Please check the setup media.	Verify that you have the proper setup media, then select [OK] to continue, or select [Cancel] to stop the process.
2912	The version of the Remote Console is invalid. Please check the setup media.	Verify that you have the proper setup media, then select [OK] to continue, or select [Cancel] to stop the process.
2913	No version information file exists.	Select [OK], then reinstall the Remote Console program.
2914	The version information file is invalid.	Select [OK], then reinstall the Remote Console program.
2915	This FD has "read-only" file(s). FD Copy will be terminated.	Verify that the inserted floppy disk is not "read only", then retry the operation.
2916	%s was canceled.	Select [OK] to acknowledge the message.
2917	File access error has occurred.	Reboot the PC. If the error cannot be recovered, replace the PC.
2918	FD Copy was %s.	Select [OK] to acknowledge the message.
2919	Async Option (Current Pending Update Data Rate) can not be changed. Because HORC C/T group is active. (Error Code %04x)	Delete all of the HORC C/T groups, then retry the operation.
2920	There is no statistic data.	If you need statistic data, turn on the appropriate information gathering software, then wait at least 30 minutes.
2921	Do you want to make plans ?	Select [OK] to make a plan.
2922	Making plan is Normal End.	Select [OK], and continue the operation.
2923	Are you want to cancel all plans ?	Select [OK] to delete all plans.

Error Number	Error Message	Recommended Action
2924	Deleting all plans was failed.	Select [OK], reboot the PC, and then retry the operation.
2925	Do you want to cancel selected and following plan(s) ?	Select [OK] to delete selected and following plans.
2926	Setting plan was failed.	Select [OK], reboot the PC, and then retry the operation.
2927	Deleting plan was failed.	Select [OK], reboot the PC, and then retry the operation.
2928	Do you want to make default setting ?	Select [OK] to make the default settings.
2929	Failed to make the default settings. (Information could not be obtained.)	Close the HIHSM panel and retry the operation.
2930	Failed to make the default settings. (File could not be opened.)	Select [OK], reboot the PC, and then retry the operation.
2931	Failed to make the default settings.	Select [OK], reboot the PC, and then retry the operation.
2932	Making default setting is Normal End.	Select [OK] to continue processing.
2933	Are you sure you erase history log?	Select [OK] to delete the history log.
2934	Failed to set the fixed group.	Select [OK], reboot the PC, and then retry the operation.
2935	Data could not be saved.	Select [OK], reboot the PC, and then retry the operation.
2936	Failed to open the compressed file.	Select [OK], reboot the PC, and then retry the operation.
2937	Do you want to move data file to FD ?	Select [OK], reboot the PC, and then retry the operation.
2938	Moving data file is started. Set 1st FD.	Insert the FD and select [OK].
2939	The file A:\\ARTLOG.LZH already exists. Do you overwrite?	Select [OK] to overwrite the ARTLOG.LZH file.
2940	Do you want to load the data to HD ?	Select [OK] to start loading the data to the hard disk drive.
2941	Data loading ended normally.	Select [OK] to continue processing.
2942	Data Loading ended abnormally.	Select [OK], reboot the PC, and then retry the operation.
2943	Failed to open the file.	Select [OK], reboot the PC, and then retry the operation.

Error Number	Error Message	Recommended Action
2944	SVP-SSVP communication restore error has occurred.	Isolate the problem using one or more of the following: 1. Reboot the SVP. 2. Reset the SSVP. 3. Check the RS232C cable. 4. Replace the SVP. 5. Replace the SSVP.
2945	EPO SW is not connected with DKC-PANEL. Please check connection. Then press [OK].	Check the connection with the DKC-PANEL.
2946	EPO SW is not connected with DKC-PANEL.	Check the connection with the DKC-PANEL.
2947	After checking EPO SW three times, the error status is not changed.	Select [OK] to continue processing, and then replace the corresponding part again.
2948	The DKC Panel INH number was checked three times, but the error status was not changed	Isolate and resolve the problem using one or more of the following: 1. Reboot the SVP. 2. Reset the SSVP. 3. Check the RS232C cable. 4. Replace the DKCMN. 5. Replace the SSVP/HUB.
2949	Environment monitor system may have problem. Please check connection between DKCMN PCB and back board.	Check the cable connection between the DKCMN and the backboard.
2950	Information of DKCMN1 and 2 are not same. Please check DKCMN PCB.	Replace the DKCMN PCB.
2951	Please check following. 1. The BREAKER BOX and AC BOX are turned on. 2. Turn the LED TEST/CHK RST switch to CHK RST on DKC-PANEL. 3. LEDs of PSs are lit on. Select Retry to recover.	The SVP detected some failure in the electric power system. Please follow the displayed message, and then retry the operation.
2952	Please perform the following operation. 1. Switch %s in Cluster-%d to DISABLE. 2. Switch %s in Cluster-%d to ENABLE. 3. Turn the LED TEST/CHK RST switch on DKC-PANEL to CHK RST. 4. Select OK.	1. Set the switch of the specified PSs in the cluster to DISABLE. 2. Set the switches in 1 to ENABLE. 3. Push up the CHK RST switch. 4. Select OK.
2953	Please return REMOTE/LOCAL switch on DKC-PANEL as before. Then press [OK].	Reset the Remote/Local switch on the DKC panel to its original position, then select [OK].
2954	Please switch REMOTE/LOCAL switch on DKC-PANEL to the LOCAL position. Then press [OK].	Reset the Remote/Local switch on the DKC panel to the local position, then select [OK].

Error Number	Error Message	Recommended Action
2955	DKCMN PCB LED OFF error has occurred.	Isolate and resolve the problem using one or more of the following: 1. Reboot the SVP. 2. Re-Install the SVP. 3. Replace the SVP.
2956	DKCMN PCB LED ON error has occurred.	Isolate and resolve the problem using one or more of the following: 1. Reboot the SVP. 2. Reinstall the SVP. 3. Replace the SVP.
2957	REMOTE/LOCAL switch is not LOCAL. Please check it. If you want to abort the replacement of the PCI CON, press Cancel.	If you want to continue, change the remote/local switch to local, then select [OK]. If you want to stop processing, select [Cancel].
2958	16V power on error has occurred.	Reset the SSVP, reboot the SVP, and retry the operation. If the error persists, replace the SUBPS.
2959	Please check following. 1. The AC BOX is turned on. 2. Turn the LED TEST/CHK RST switch to CHK RST on DKC-PANEL. 3. LED of PSs are lit on. Select Retry to recover.	Verify that all of the following conditions exist, then select [Retry]: 1. The AC BOX is turned on. 2. The CHK RST/IND TEST switch on the DKC panel has CHK RST selected. 3. The LED of PSs are lit.
2960	Write count of SSVP micro program exceeds warranted value (%d). Do you want to continue?	If you want to download the SSVP micro program, select [Yes].
2961	Please detach %s jumper plug. Then press [OK].	Please detach the specified jumper, then select [OK].
2962	Please attach %s jumper plug. Then press [OK].	Please attach the specified jumper, then select [OK].
2963	The %s jumper plug is not detached. Please detach it. Then press [OK].	Please detach the specified jumper, then select [OK].
2964	The SVP PS ON/OFF INH jumper was checked three times, but the error status was not changed.	Isolate and resolve the problem using one or more of the following: 1. Reboot the SVP. 2. Reset the SSVP. 3. Check the RS232C cable. 4. Replace the RS CON. 5. Replace the SSVP/HUB.
2965	The %s jumper plug is not attached. If you want to abort the replacement of the %s, press Cancel.	Please attach the specified jumper, then select [OK].
2966	The REMOTE/LOCAL switch of %s is wrong position. Please set %s position. Then press [OK].	Please set the REMOTE/LOCAL switch to the specified position, then select [OK].
2967	Is the REMOTE/LOCAL switch of %s LOCAL position?	If the switch is LOCAL position, select [Yes]. If the switch is REMOTE position, select [No].
2968	After checking the REMOTE/LOCAL switch of the %s three times, the error status is not changed.	Select [OK] to acknowledge the message, then replace the specified part.

Error Number	Error Message	Recommended Action
2969	The version of SSVP micro program in SSVP and SVP are same. So micro program is not downloaded.	Select [OK].
2970	Can't read SSVP micro program version from SSVP.	Isolate and resolve the problem using one or more of the following: 1. Reboot the SVP. 2. Reset the SSVP. 3. Check the RS232C cable 4. Replace the SVP. 5. Replace the SSVP/HUB.
2971	Can't read SSVP micro program version from SVP HD.	Isolate and resolve the problem using one or more of the following: 1. Reboot the SVP. 2. Re-Install the SVP. 3. Replace the SVP.
2972	RESTART switch, REMOTE MAINTENANCE switch and the environment check will be disabled. SVP-SSVP communication will be blocked. Do you want to replace the ""%s?""	Select [Yes] to start the replacement. During the replacement, the following conditions will occur: 1. The restart switch will be disabled. 2. The Remote Maintenance switch will be disabled. 3. The environment check will be disabled. 4. SVP-SSVP communication will be blocked. Select [No] to stop processing.
2973	DKC-SVP communication will be blocked. Do you want to replace the ""%s?""	Select [Yes] to start the replacement (during the replacement, communication between the 9900 and SVP will be blocked).
2974	Are you sure you want to change HDD Configuration?	Select [Yes] to change the HDD Configuration.
2975	RMSV(CLIENT) is selected on Remote Console Server. Please change the mode to ""Not used"" or RMSV(SERVER), because RMSV(CLIENT) of Remote Console Server and SNMP Agent can't be used together.	Select [OK], then change the mode to either [Not used] or [RMSV(SERVER)].
2976	You have to select a mode.	Select [OK] and then select a mode.
2977	At least one asynchronous pair is active in this group. (Error Code = %04x)	Renew and check the HRC/HORC screen.
2978	This password is invalid. Please call the Hitachi Data Systems Technical Support Center to get valid password.	Either type in a valid password, or contact the Hitachi Data Systems Technical Support Center.
2979	The data for the selected term does not exist.	Set a term that can display the selected usage rate.
2980	SIMs of Remote Copy are cleared.	Select [OK] to continue.
2981	Are you sure you want to clear SIMs of Remote Copy?	Select [OK] if you want to clear the Remote Copy SIMs.

Error Number	Error Message	Recommended Action
2982	Port type exchange operation is rejected because the host(s) is(are) processing the port type exchange. (Error Code = %04x)	Check the port status, and retry the operation once the port type has been exchanged.
2983	Are you sure you want to download SSVP micro program?	Select [Yes] if you want to download the SSVP microprogram. Select [No] if you don't want to download.
2984	Are you sure you want to execute CSW Path test?	Select [Yes] if you want to execute CSW path test. Select [No] if you want to skip the CSW Path test.
2985	In the case of High Speed Fibre PCB, SCSI path(s) can't be defined to 1st and 2nd port on the same time.	Define the high speed fibre SCSI paths to the first port one, and then to the second port.
2986	Invalid %s will be defined for High Speed Fibre PCB. Please change the %s to be performed on High Speed Fibre PCB.	Change the configuration so that it can be used by High Speed Fibre PCB mode.
2987	The select PCB is not defined valid %s for High Speed mode. At first, please define %s to be performed on High Speed mode and send it to DKC, before changing the PCB mode.	First define the SCSI path, Host Mode, Fibre Address and Topology to be performed for high-speed mode, then send that information to the DKC, before changing the PCB mode.
2988	PCB Mode is now being changed. Please cancel this application and start it again.	Cancel this application and restart it.
2989	Please switch %s to DISABLE. Then press [OK].	Change the specified DKCMN switch to DISABLE, then select [OK].
2990	Please switch %s to ENABLE. Then press [OK].	Change the specified DKCMN switch to ENABLE, then select [OK].
2991	DKA restore error has occurred. (PDEV Spin up)	Check the Status/log and recover the problem.
2992	Installation was finished. Wait until power is down. (PS-ON LED at DKC-PANEL is off.)	Wait until power is down.
2993	The PCB mode set in the Subsystem is neither Standard nor High Speed. You cannot perform any operation but setting the PCB mode. Please change the PCB mode to either Standard or High Speed. Then perform the desired operation.	Change the PCB mode to either Standard or High Speed.
2994	Communication error has occurred. Please cancel this application and start it again.	Cancel this application and restart it.
2995	Illegal combination (%s and %s). Line = %04d. Error Code = %04x.	Check and modify the specified line number(s) and modify according to the error message.
2996	$CTG not found. Line = %04d. Error Code = %04x.	Check and modify the specified line number(s) and modify according to the error message.

Error Number	Error Message	Recommended Action
2997	Are you sure you want to execute new installation?	Select [Yes] if you want to execute the new installation. Select [No] to cancel the installation.
2998	Communication error has occurred when checking the CVS status. Reboot the SVP. Do you want to stop this process?	If [Yes], Reboot the SVP, but same error has occurred, gather the dump used the FD Copy function. If [No], SVP will continue the process, but you must be careful to operate.
2999	The concerned channel paths are varied on-line of select LDEV. Do you want to stop this process? <Path Group ID> %s	Select [Yes] if you want to stop the process and vary the specified channel paths off-line (recommended). Select [No] to continue the process.
3000	WARNING: Delete Range "Group" or "C/T" is specified. Confirm all pairs in the group are synchronized. If some volumes are not synchronized, full volume initializations are required before re-using them.	Note which volume pairs are not synchronized in the group. Once the operation is completed, re-initialize those volumes before using them.
3001	The LED of the FSW(%s) could not turn on.	Please select [OK].
2998	Communication error has occurred when checking the CVS status. Reboot the SVP. Do you want to stop this process?	If [Yes] , Reboot the SVP, but same error has occurred, gather the dump used the FD Copy function. If [No}, SVP will continue the process, but you must be careful to operate.
2999	The concerned channel paths are varied on-line of select LDEV. Do you want to stop this process? <Path Group ID> %s	If [Yes], Please confirm the concerned channel paths are varied off-line. If [No], SVP will continue the process.
3000	WARNING: Delete Range "Group" or "C/T" is specified. Confirm all pairs in the group are synchronized. If some volumes are not synchronized, full volume initializations are required before re-using them.	Please note the volume pairs that are not synchronized in the group. After the operation, initialize the volumes that may have illegal contents.
3014	The replacement of ""RCU CONN"" is done. And the OP panels are restored (parallel and serial channels).	Select [OK].
3015	The replacement of %s is done. And the OP panel is restored (parallel and serial channels).	Select [OK].
3016	The replacement of %s is done. The concerned channel path(s) are available. Please vary the path(s) on. And the OP panel is restored (parallel and serial channels).	Select [OK].
3017	Reading serial channel control mode error has occurred.	Confirm the Status/log and recover the problem.

Error Number	Error Message	Recommended Action
3018	""%s"" will be blocked during replacement (parallel and serial channels). Do you want to replace the ""%s?""	If you want to start replacement, select [Yes].
3019	Too many devices are specified.	The number of devices you specified on the volume list of the HORC screen exceeds the upper limit. Decrease the number of devices which you specify on the volume list of the HORC screen.
3020	LDEV Security definition was completed.	Please select [OK] to stop this process. Then confirm that the controller functions properly.
3021	LDEV Security definition was failed.	Please select [OK] to stop this process.
3022	This controller is not equipped with a serial port.	Select [OK] to stop this process and check the controller to equip serial ports.
3023	If you varied offline the concerned host, you can continue setting LDEV Security Configuration. Are you sure you want to continue setting?	If you want to continue this process, select [YES]. If you want to stop, select [NO].
3024	The deleting volume is the target volume of LDEV Security. \Naples delete the LDEV Security setting of the concerned volume at first.	Delete the LDEV Security setting of the concerned volume at first.
3025	%s could not be changed.	No difference between the configuration set by this operation and the original configuration was found. This shows that no change has been made in this operation. Please select [OK].
3026	Retry the same operation after you complete the LDEV Security activated by other application.	Retry the same operation after you complete the LDEV Security activated by other application.
3027	LDEV security configuration of the selected host(s) will be cleared. (All equipped devices will be able to be accessed from the host(s). Are you sure you want to continue this operation?	[Yes]:LDEV Security configuration of the selected host(s) will be cleared. (When the configuration is cleared, the host(s) can access all equipped devices.) [No]:No operation will be performed.
3028	To prohibit the host(s) from accessing one or more devices by this operation, please vary offline the connected devices and then select OK.	[OK]:This operation will be continued. [Cancel]:This operation will be canceled.
3029	Failed to change the IP address.	The IP address could not be changed. Please contact the Hitachi Data Systems Technical Support Center.
3030	The IP address setting has completed.	The IP address was set. Please select [OK].

Error Number	Error Message	Recommended Action
3031	Invalid configuration data is generated. Please reboot PC, and open Maintenance window to read the correct data. Please close Maintenance window, and retry the operation. Do you want to stop this process?	The generated configuration data is invalid. Please reboot PC, and open Maintenance window to read the correct data. Please close Maintenance window, and retry the operation.
3032	The maximum permissible capacity of program product became insufficient because of the installation of PDEV.	Please install the program product whose maximum permissible capacity became insufficient, and retry the operation.
3035	Failed to block the DKA. Please insert the jumper into the target DKA and then select OK. (%s)	The DKA could not be blocked. Please insert the jumper into the target DKA and then select OK.
3036	Are you sure you want to delete R-SIM Log file?	If you want to delete R-SIM Log file, select [Yes]. If you do not want to delete the file, select [No].
3037	Do you want to inhibit a Reset Log?	If you want to inhibit a Reset Log, select [Yes].
3038	Do you want to cancel inhibiting a Reset Log?	If you want to cancel inhibiting a Reset Log, select [Yes].
3039	The following reserve volume(s) is(are) the target volume of SCSI path configuration. Delete the reserve attribute or concerned paths. %s	Delete the reserve attribute or corresponding paths.
3040	Some SCSI paths are defined to the HIHSM reserve volume. Please delete the concerned paths or the reserve attribute of HIHSM volume.	Please delete the SCSI paths to the HIHSM reserve volume or the reserve attribute of the HIHSM volume. (1) When the corresponding SCSI path is deleted. The settings specified by other operations such as "add SCSI path" are still effective. (2) When the reserve attribute of an HIHSM volume is deleted: The SCSI I/F Configuration (RMC:LUN Manager) screen must be closed before deleting the HIHSM reserve attribute, and so all settings defined in the screen will be canceled.
3041	Failed to read the MAV information.	The MAV information could not be read. Select [OK] to stop this operation, and terminate the MAV application, then retry. If it does not work properly, reboot the PC.
3042	Failed to set the MAV information.	The MAV information could not be set. Select [OK] to stop this operation. Confirm the MAV information, and input the MAV information again.
3043	The MAV information is invalid.	Select [OK] to stop this operation. Confirm the MAV information, and input the MAV information again.
3044	The MAV information has been changed. Are you sure you want to terminate the MAV application?	If you want to terminate the MAV application select [Yes]. If you want to cancel terminating the MAV application, select [No].
3045	Exclusive task (Install, Diagnosis, Replace, etc.) is running on SVP. The MAV information cannot be set.	The SVP is processing on exclusive job such as installation, diagnosis, or replacement. The MAV information cannot be set. Select [OK]. If you want to set the MAV information, terminate the MAV application, and retry after the SVP finishes the task.
3046	Are you sure you want to set the MAV information?	If you want to set the MAV information, select [Yes]. If you want to stop, select [No].

Error Number	Error Message	Recommended Action
3047	Inline CUDG error has occurred. Please confirm the Diagnosis Log. Are you sure you want to replace the indicated part in the Diagnosis Log, again?	If you want to replace the indicated part, please select [Yes]. If not, please select [No].
3048	Path access test error has occurred. Are you sure you want to replace the Cache PCB, again?	An error occurred in the path access test. If you want to replace the Cache PCB, please select [Yes]. If not, please select [No].
3049	Failed to initialize Cache register. Are you sure you want to replace the Cache PCB, again?	The Cache register could not be initialized. If you want to replace the Cache PCB, please select [Yes]. If not, please select [No].
3050	Please enter numbers.	Please select [OK], and then retry the operation.
3051	The same item is already registered.	Please select [OK], and then retry the operation.
3052	The specified item is not registered.	Please select [OK], and then confirm the controller list.
3053	The IP address is not registered.	Please select [OK], and then confirm the controller list.
3054	LOGIN has failed.	Please select [OK], and then retry the operation.
3055	Please enter the IP address.	Please select [OK], and then retry the operation.
3056	The entered value exceeds the limit.	Please select [OK], and then retry the operation.
3057	The entered IP address is the same as the PC.	Please select [OK], and then confirm the IP address.
3058	Are you sure you want to register the new Remote Console?	If you want to resister the Remote Console, select [OK]. If you do not want to resister, select [Cancel].
3059	Are you sure you want to delete the history log?	If you want to delete the history log, select [OK]. If you do not want to delete, select [Cancel].
3060	Are you sure you want to disconnect the connection between the client PC and the controller?	If you want to forcibly disconnect the client PC from controller, select [OK]. If you do not want to disconnect, select [Cancel].
3061	Are you sure you want to delete the specified Remote Console?	If you want to delete the Remote Console, select [OK]. If you do not want to delete, select [Cancel].
3062	Please select a Remote Console.	Please select [OK], and then retry the operation.
3063	The same IP address is already registered. Please confirm the IP address.	Please select [OK], and then retry the operation.
3064	The selected Remote Console Server does not have the controller list.	Please select [OK]. Please read the controller list from the Remote Console Server.

Error Number	Error Message	Recommended Action
3065	This operation may disconnect the connection between the server and the client PC. Are you sure you want to continue the operation?	If you want to continue this operation select[OK]. If you want to stop this operation, select [Cancel].
3066	Are you sure you want to delete the specified Remote Console Server?	If you want to delete the Remote Console Server, select [OK]. If you do not want to delete, select [Cancel].
3067	Reading controller list has completed.	The controller list was read successfully. Please select [OK].
3068	Please select a Controller.	Please select [OK], and then retry the operation.
3069	After the SVP was turned off automatically, replace the %s.	Replace the %s when the SVP was turned off automatically. Select [OK], and then replace the %s when the SVP was turned off automatically.
3070	C-Port register setting error has occurred.	An error occurred in the C-Port register setting. Confirm the Status/log and recover from an error.
3071	This version does not support intermix of HRC Asynchronous pairs and Synchronous pairs in the DKC(s). \n(Error Code = %04x)	ADD PAIR operation failed. This version does not support intermix of HRC Asynchronous pairs and Synchronous pairs in the same DKC. Refresh the screen and confirm the Copy Mode in the MCU and RCU.
3073	The evaluation license for this solution(%s) will expire in 45 days. Purchase required to continue using this solution beyond the evaluation license.	Select [OK]. Order this software or stop using it.
3074	The evaluation license for this software(%s) will expire in 30 days. Contact your sales representative to convert to a permanent license and continued use of this solution.	Select [OK]. Order this software or stop using it.
3075	The evaluation license and use of this solution(%s) will expire in %d days. You will receive no further warnings. Contact sales representative today to purchase permanent license.	Select [OK]. Order this software or stop using it.
3076	The serial No. is different. Check the DKC serial No.	Check the DKC Serial Number.
3077	The product name is different. Select the correct program product name.	Check the product name of the selected program product.
3078	This Try & Buy Software has already been used.	Purchase the official license to use this software.
3079	This DKC is equipped with large capacity drives. Please buy the upper-grade program product.	This DKC is equipped with large capacity drives. Order the appropriate license.

Error Number	Error Message	Recommended Action
3080	Another license key code is required. Please confirm the pre-installed program product.	Order the appropriate license that meets the requirement.
3081	Too many volumes are selected.	More than the maximum number of volumes were selected. Select not more than 64 volumes.
3082	SVP is in the process of auto migration planning now. Please wait until the process finishes.	Select [OK] and wait until the process of planning finishes.
3083	Are you sure you want to set the default parameter?	If you want to set the default parameter, select [OK]. If not, select [Cancel].
3084	Remote Copy is not supported under the Controller emulation type of the RCU, or CT Group is not usable. (Error Code = %04x)	ADD PAIR operation failed. 1. Confirm the Controller emulation type, and refer to Manual. 2. Confirm the CT Group number in the MCU.
3085	Retry the same operation after you complete this function activated by the other application.	'This function' is displayed as a title of this message. First, complete this function activated by the other application. After that, retry the same operation. 'This function' is displayed as a title of this message.
3086	The selected device(s) will be initialized. Are you sure you want to initialize the selected device(s)?	If you want to initialize the logical device(s), select [Yes]. If you do not want to initialize the logical device(s), select [No] and select logical device(s) you want to initialize again.
3087	PCB mode will be changed as soon as you select [Yes] for this message and the PCB will begin operating according to the mode you set just now. Please pull out the fibre cable from the port first. Are you sure you want to continue this operation?	Select [Yes] to send the PCB mode you set to DKC and to begin operation of the PCB according to the mode or select [No] to do nothing.
3088	PCB mode has been changed. The PCB will begin operating according to the mode you set just now. Please connect the fibre cable to the port.	The change of PCB mode has been completed. The PCB will begin operating according to the mode you set just now. Please connect the fibre cable to the port.
3089	CONFIG is inconsistent with option product. Please install Resource Manager of the Program Product.	Install Resource Manager of the Program Product.
3090	Failed to read configuration information.	The configuration information could not be read. Please check the subsystem status and select the [Initialize] button in the Execution Parameter Auto Migration screen.
3091	Please turn the LED TEST/CHK RST switch to LED TEST, and check if LEDs are on. Then select OK.	Confirm that all LEDs are on, and select [OK].
3092	The PDEV(s) to be de-installed could not be pulled out. Please recover %s, and retry the operation.	Please recover the DKA, and retry the operation.

Error Number	Error Message	Recommended Action
3093	Do you want to stop all processors?	Select [Yes] to stop all processors. Select [No] if you want to stop each processor one by one. Select [Cancel] to cancel the operation.
3094	You cannot set the SNMP properties.	Please select [OK].
3095	Please install the SNMP Agent.	Please select [OK], and then install the SNMP Agent.
3096	The SNMP properties were set normally.	Please select [OK].
3097	Please select an IP address.	Please select [OK], and then retry the operation.
3098	Are you sure you want to delete the IP address?	If you want to delete the IP address, select [OK]. If you do not want to delete, select [Cancel].
3099	Please enter the community.	Please select [OK], and then retry the operation.
3100	Please enter alphanumeric characters.	Please select [OK], and then retry the operation.
3101	Please select a community.	Please select [OK], and then retry the operation.
3102	Are you sure you want to delete the community?	If you want to delete the community, select [OK]. If you do not want to delete, select [Cancel].
3103	You are not permitted to execute some functions.	Please select [OK].
3104	Are you sure you want to de-install the function?	If you want to de-install the function, select [OK]. If not, select [Cancel].
3105	Guidance Abend.	The Guidance function ended abnormally. If necessary, please call the Hitachi Data Systems Technical Support center.
3106	There is no SIMLOG.	The Guidance cannot be started because of no SIMLOG data.
3107	Guidance will end.	The Guidance function will end. No action required.
3108	Failed to complete SIM.	The SIM could not be completed. Complete the SIM with the Information screen.
3109	Are you sure you want to delete all History Log?	This is a confirmation before deletion of Guidance History.
3110	Memory allocation error occurs. (Get configuration table)	Exit from the Guidance function and call the Hitachi Data Systems Technical Support center.
3111	Memory allocation error occurs. (Get SIM table)	Exit from the Guidance function and call the Hitachi Data Systems Technical Support center.
3112	Memory allocation error occurs. (Get SSB table)	Exit from the Guidance function and call the Hitachi Data Systems Technical Support center.
3113	Initialization failed.	Exit from the Guidance function and call the Hitachi Data Systems Technical Support center.
3114	Cannot create dialog box.	A dialog box cannot be created. Exit from the Guidance function and call the Hitachi Data Systems Technical Support center.

Error Number	Error Message	Recommended Action
3115	Memory allocation error occurs. (Free configuration table)	Exit from the Guidance function and call the Hitachi Data Systems Technical Support center.
3116	Memory allocation error occurs. (Free SIM table)	Exit from the Guidance function and call the Hitachi Data Systems Technical Support center.
3117	Memory allocation error occurs. (Free SSB table)	Exit from the Guidance function and call the Hitachi Data Systems Technical Support center.
3118	Cannot create Message box.	A message box cannot be created. Exit from the Guidance function and call the Hitachi Data Systems Technical Support center.
3119	Cannot read Guidance table.	Exit from the Guidance function and call the Hitachi Data Systems Technical Support center.
3120	Detected unknown Function ID.	Unknown Function ID was detected. Exit from the Guidance function and call the Hitachi Data Systems Technical Support center.
3121	Cannot run back Function.	The Guidance back function cannot be executed. Exit from the Guidance function and call the Hitachi Data Systems Technical Support center.
3122	Exit from the Guidance function?	Are you sure you want to exit from the Guidance function. Respond to the inquiry.
3123	Cache memory Module Group size can be changed only from ""256MB * 16Module to 512MB * 8Module"". Change Cache memory size to ""4GB * 2"" by Cache memory Installation/De-installation.	Change Cache memory size to "4GB * 2" by Cache memory Installation/De-installation.
3124	You cannot change Cache memory size. Please select [Cancel].	Please select [Cancel] in the Cache Configuration screen, confirm the size of changed cache memory and the available size of DCR, and retry again.
3125	This key code is invalid.	Confirm if the key code is correct or not.
3126	The size of shared memory exceeds the maximum. Please change the configuration to ensure that the size of shared memory does not exceed the maximum.	Please change the shared memory configuration, or de-install cache memory, to ensure that the size of shared memory does not exceed the maximum.
3127	Are you sure you want to set the schedule?	If you want to set the schedule, select [OK]. Otherwise, select [Cancel].
3128	Are you sure you want to transfer the monitoring data?	If you want to transfer the monitoring data, select [OK]. Otherwise, select [Cancel].
3129	Are you sure you want to save the monitoring data?	If you want to save the monitoring data, select [OK]. Otherwise, select [Cancel].
3130	Are you sure you want to load the monitoring data?	If you want to load the monitoring data, select [OK]. Otherwise, select [Cancel].
3131	Monitoring data was saved normally.	Please select [OK].
3132	Monitoring data was loaded normally.	Please select [OK].
3133	Another compression process is already activated.	Please select [OK], and then retry the operation.

Error Number	Error Message	Recommended Action
3134	The file already exists. Are you sure you want to delete the file?	If you want to delete the file, select [OK]. Otherwise, select [Cancel].
3135	There is insufficient free area.	1 Please select [OK]. 2 Ensure that sufficient free area is available. 3 Retry the operation.
3136	No monitoring data.	Please select [OK].
3137	Please insert the FD (No.%d).	Please select [OK].
3138	The file already exists. Are you sure you want to overwrite the file?	If you want to overwrite the file, select [OK]. Otherwise, select [Cancel].
3139	Incorrect FD was inserted. This FD has other machine's monitoring data. Please insert the correct FD.	Please select [OK].
3140	Invalid monitoring data.	Please select [OK], and then retry the operation.
3141	Failed to take a dump.	Reboot the PC. If the error persists, replace the PC.
3142	Failed to read PCB Revision.	Reboot the PC. If the error persists, replace the PC.
3143	Process ended successfully.	Please select [OK].
3144	No PCB was selected. Please select target PCBs.	Select [OK] button, and then select target PCBs.
3145	Do you want to stop monitoring when you close this screen?	If you want to stop monitoring, select [Yes]. If not, select [No].
3146	The setting was applied successfully.	Information message. Select [OK].
3147	SVP is rebooted. Please execute "Tuning Parameter" after SVP starts.	The SVP is rebooted. Please execute "Tuning Parameter" after the SVP starts.
3148	The option product (SNMP Agent) is not installed.	Please install SNMP Agent.
3149	There is no extent area. Please set the prestaging area.	There is no extent area. Please set the prestaging area.
3150	The DCR prestaging terminated abnormally.	The DCR prestaging terminated abnormally. Please confirm the abnormal part with Maintenance, and recover from the error. Please execute the DCR prestaging again if no abnormal part is found.
3151	Please stop RAID Manager.	Please stop RAID Manager and then select [OK].
3152	If you delete LUN(s) for Command Device, you should stop RAID Manager.	If you delete LUN(s) for Command Device, you should stop RAID Manager and then select [OK].
3153	Failed to gather data.	Data could not be gathered. Please retry or check the support status.

Error Number	Error Message	Recommended Action
3154	Data has been changed. You can not change the mode to another mode.	Restart the application.
3155	The MAV function is not installed in the specified controller.	The MAV function is provided as a program product, and must be installed before setting the Alias Volume. Install the MAV function and then retry the operation.
3156	Please retry the Delete pair (Pairsplit-S) operation a few minutes later.	The Delete pair (Pairsplit-S) operation failed. A few minutes later, please refresh the (HRC/HODM/HORC) screen, confirm if the specified volumes are in the permissible status, and then retry the operation.
3157	Please retry the Suspend pair (Pairsplit-r) operation a few minutes later.	The Suspend pair (Pairsplit-r) operation failed. A few minutes later, please refresh the (HRC/HODM/HORC) screen, confirm if the specified volumes are in the permissible status, and then retry the operation.
3158	Please retry the Add pair (Paircreate)/Resume pair (Pairresync) operation a few minutes later.	The Add pair (Paircreate) /Resume pair (Pairresync) operation failed. A few minutes later, please refresh the (HRC/HODM/HORC) screen, confirm if the specified volumes are in the permissible status, and then retry the operation.
3159	Prioritized Port Control could not be used.	Install the PP of the Prioritized Port Control.
3160	Are you sure you want to release the Prioritized Port Control?	The Release button was selected; You can continue release operation or cancel it. Select [Yes] to release. Select [No] to cancel the operation.
3161	A time-out error occurred. The PCB mode of some PCBs could not be changed. Please check the condition between DKC and SVP/RMC.	Isolate the abnormal section by following the procedure below. 1. Reboot the PC. 2. Check the LAN card/LAN cable. 3. Check the IP address of the PC. 4. Replace the PC.
3162	A file I/O error occurred. The WWN may not be registered. Please check WWNs on the LUN Security window and, if necessary, retry the registration.	Please check WWNs on the LUN Security window and, if necessary, retry the registration.
3163	The WWN list could not be acquired from the DKC. The WWN list acquired from the HDD of the SVP/RMC will be displayed.	Please refer to the WWN list acquired from the HDD of the SVP/RMC.
3164	The duplicate %s exist among the selected WWNs. Please check the WWNs and then retry the operation after eliminating the duplicate %s.	Please check duplicate WWNs or nicknames, and then retry the operation after eliminating the duplicate WWNs or nicknames.
3165	The WWN list could not be created. Please select the [New WWN...] button on the LUN Security window, and enter the WWNs one by one.	Please select the [New WWN...] button on the LUN Security window, and enter the WWNs one by one.
3166	The fibre PCB mode of some PCBs could not be changed. The host I/Os are being executed for the corresponding PCBs. Please check the PCB mode of the corresponding PCBs, stop the host I/Os, and then retry the operation.	Please check the PCB mode of the corresponding PCBs, stop the host I/Os, and then retry the operation.

Error Number	Error Message	Recommended Action
3167	Drive Information acquisition failed for the following drive(s).	Select the [OK] button.
3168	The following drive(s) failed to reboot.	Select the [OK] button.
3169	Microprogram exchange failed for the following drive(s).	Select the [OK] button.
3170	ASSIST is running to get Micro program data on background. Wait for a while, and then retry the operation.	Wait for a while until the latest ASSIST HISTORY LOG status is changed to NORMAL END.