

MESSAGE SECTION

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1. Messages that Occur During Maintenance Work

The following shows the correspondence to the document describing the code system, the text and troubleshooting of the messages that occur during the maintenance work.

When the troubleshooting is not displayed in the message window, see the following table.

Code System	Example	Description	Reference
SSS XXXX Y SSS : Three-digit alphabetical character XXXX : Four-digit number Y : “i”, “W” or “E”	INF4554i	A message that occurs while operating the “MPC” window.	3. MPC Message ID
XXXXX-YYYYYY XXXXX : Up to five-digit number (*1) YYYYYY : Up to six-digit number (*1)			
When the first three-digit of XXXX is as follows 210, 215, 216, 218, 220	21041-005000	A message that occurs while operating the Storage Device List or running the batch command on SVP	<Installation directory of Maintenance PC>\wk\supervisor\sdlist\help\sdl_message_ja.html
When the first three-digit of XXXXX is as follows 214 (*2)	21440-207015	A message that occurs while operating the Storage Device List or running the batch command on SVP	<Installation directory of Maintenance PC>\wk\supervisor\sdlist\help\sdl_message_ja.html Storage Navigator Message Guide
Other than the above	30062-203201 7005-6023 (*1)	A message that occurs while operating Storage Navigator or Maintenance Utility	Storage Navigator Message Guide
Twelve-digit starting with “TR”	TRCOMM000004	A troubleshooting code on Storage Device List	<Installation directory of Maintenance PC>\wk\supervisor\sdlist\help\sdl_message_ja.html

*1: If this is less than the maximum digit number, zero at the beginning might be omitted and displayed in the message window. Add zero (0) to the beginning of the number to see the message code of the number less than the maximum digit number in “Storage Navigator Message Guide”. For example, see “07005 006023” for “7005-6023”.

*2: A part of the message “214XX-YYYYYY” is described in “Storage Navigator Message Guide”.

2. Action by Warning Messages

[Explanation] : <Important CAUTION>

This operation is a procedure of a new installation or configuration restoration. A procedure of addition or removal is a different operation.

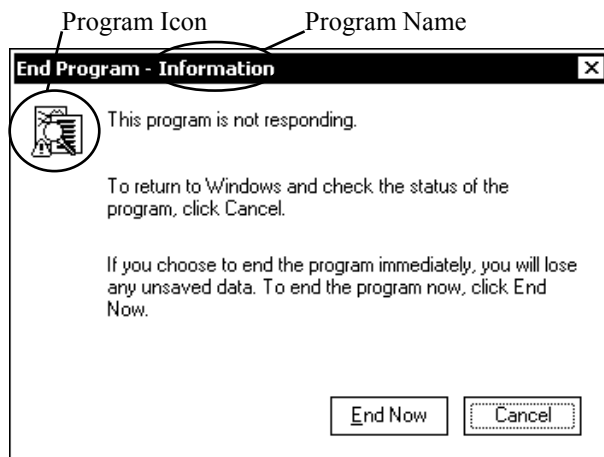
Select the [Cancel] button to terminate the processing and execute from “Install-Change Configuration” or “Storage Navigator”.

[Action] : Confirm the maintenance work in the maintenance manual.



[Explanation] : This program is not responding. The program may not be responding temporarily.

[Action] : Click the [Cancel] button after waiting for a while, and continue the work.



3. MPC Message ID

3.1 About Message ID

The Maintenance PC assigns ID to some messages to display.

This session describes all messages with the ID assigned by the Maintenance PC.

The ID is sorted in the ascending order. If messages with the assigned ID are displayed, search and refer to the description of the corresponding messages.

3.2 Message ID Format

Message ID has a following format in the Maintenance PC.

Format : [SSS XXXX Y]

Item	Description
SSS	Application ID in which displayed the message was created
XXXX	Message ID (Decimal number from 0000 to 9999)
Y	Kind of Message. There are 3 kinds as followed. <ul style="list-style-type: none">• I : Information• W : Warning/Error or important confirmation• E : Fatal Error

3.3 Note

In this MESSAGE SECTION, “%s”, “%d” and “%x” are displayed in the messages text. These are variables which are determined in execution.

- %s means a string variable.
- %d means a decimal numeric variable.
- %x means a hexadecimal numeric variable.

3.4 MPC Message ID Table

ID	Kind	Description
0029	E	Internal error has occurred. (Error Code = %04X)
	[Contents]	An internal error has occurred.
	[Action]	Gather Auto Dump and contact the Technical Support Division.
0066	W	Pinned Track exists. Do you want to stop this process?
	[Contents]	PIN data exists. Do you stop the processing?
	[Action]	[Yes]: Stop the processing. [No]: Contact the Technical Support Division and enter the password.
0088	E	Internal fatal error has occurred.
	[Contents]	An error has occurred in the internal processing.
	[Action]	Terminate the application program or reboot the Maintenance PC.
0110	E	Memory Allocate Error!!!
	[Contents]	An file failure has occurred in the Maintenance PC.
	[Action]	Reboot the Maintenance PC. If it is unrecoverable, replace the Maintenance PC.

ID	Kind	Description
0117	E	Connection error occurred. MPC Software-DKC
	[Contents]	An error has occurred in the Communication between the MPC Software and DKC.
	[Action]	Check the status. If the status is normal, continue the processing. If the status is abnormal, follow the procedure to isolate the problem. 1. Reboot the Maintenance PC 2. Check the LAN card/LAN cable 3. Check the IP address of the Maintenance PC 4. Replace the Maintenance PC 5. Power off the DKC (Make sure to confirm with a system administrator of the system concerned), and then power on the DKC.
0121	E	Memory allocation error occurred.
	[Contents]	MPC Software self-inconsistency.
	[Action]	Reboot the Maintenance PC. If the error cannot be recovered, replace the Maintenance PC.
0123	E	File I/O error occurred.
	[Contents]	File failure in the Maintenance PC
	[Action]	Reboot the Maintenance PC. If it is unrecoverable, replace the Maintenance PC.
0125	W	Cluster-1 is failed!
	[Contents]	An error was detected in the cluster 1. The cluster recovery might become necessary.
	[Action]	Refer to the SIM/SSB log.
0126	W	Cluster-2 is failed!
	[Contents]	An error was detected in the cluster 2. The cluster recovery might become necessary.
	[Action]	Refer to the SIM/SSB log.

ID	Kind	Description
0132	E	Error : Connection initialization failed. [Contents] MPC Software self-inconsistency. [Action] Reboot the Maintenance PC. If it is unrecoverable, replace the Maintenance PC.
0219	E	Cannot delete HD file !! [Contents] File failure in the Maintenance PC [Action] Reboot the Maintenance PC. If it is unrecoverable, replace the Maintenance PC.
0235	I	File copy was canceled ! [Contents] Cancellation of the copy process. [Action] None
0246	E	A compressing file was in competition with other application. Please retry again. [Contents] An error has occurred in the compression process. [Action] Confirm the memory capacity in the maintenance PC, and then check whether the recommended memory capacity is installed. If more than the recommended memory capacity is installed, reboot the maintenance PC to check that applications other than MPC Software are not starting, and then reboot again. If the same phenomenon persists, replace the maintenance PC. If the same problems still occurs even after exchanged the maintenance PC, contact the Technical Support Division. In that case, collect the following files by manual. <ul style="list-style-type: none"> • C:\Mapp\wk\supervisor\dkc200\securise\securise.log • C:\Mapp\wk\xxxxyyyyyy\DKC200\mp\pc\TR32002E.TRC (xxxx: DKC model name,yyyyyy: serial number)

MSG03-70

ID	Kind	Description
0339	E	This application is already running.
	[Contents]	The application is already running.
	[Action]	None
0342	I	This will end the %s.
	[Contents]	End of the application.
	[Action]	None
0356	W	A related log is not found. Possible causes include: the log has been overwritten because the number of logs exceeded the maximum, the log is not created because it is a log whose creation is restricted, or the DKC has not sent the log yet.
	[Contents]	A related log is not found. The log has been overwritten because the number of logs exceeded the maximum, the log is not created because it is a log whose creation is restricted, or the DKC has not sent the log yet.
	[Action]	The related log is not available if it was overwritten or it is a log whose creation is restricted. If the DKC has not sent the log yet, wait for a few minutes, and then retry the operation.

ID	Kind	Description
0422	E	MPC Software-DKC data communication was in failure. You should confirm that data sending task is in action. [Contents] Communication with the DKC resulted in time-out. [Action] Isolate problems according to the following procedure. 1. Reboot the Maintenance PC. 2. Check the LAN card/LAN cable. 3. Check the IP address of the Maintenance PC. 4. Replace the Maintenance PC. 5. Power off the DKC (Make sure to confirm with a system administrator of the system concerned), and then power on the DKC.
0428	W	This function is available in Modify mode. Please vary the current mode to Modify. [Contents] This function can be used only in the modify mode. [Action] Set the mode to "Modify".
0429	E	The configuration information is being updated or invalid. Refer to [Action] in the maintenance manual, and follow the instruction. [Contents] Failed to refer some data due to one of the following reasons: 1. The configuration information is being updated. 2. The configuration information is invalid. [Action] Take the following actions: 1. Wait for a while, and then retry the operation. In the case of being updated the configuration information, the problem is solved on completion of the update. If failed to recover after the retry, the configuration information of the Maintenance PC may be mismatched with that of the DKC. Go to Step 2. 2. Synchronize the configuration information with that of the DKC. Select [Execute] → [Refresh] from the menu on the Maintenance PC window. If failed to recover after synchronization of the configuration information, go to Step 3. 3. Reboot the Maintenance PC. If failed to recover after rebooting the Maintenance PC, the Storage System itself may have failures. Go to Step 4. 4. Replace the Maintenance PC.

ID	Kind	Description
0462	I	Are you sure you want to install the defined configuration?
	[Contents]	May the initial configuration setting be executed?
	[Action]	Answer to the inquiry.
0469	E	Communication error has occurred.
	[Contents]	A communication error has occurred.
	[Action]	Isolate problems according to the following procedure. <ol style="list-style-type: none">1. Reboot the PC.2. Check the LAN card/Land cable.3. Check the IP address of the PC.4. Replace the PC.5. Power off the DKC (Make sure to confirm with a system administrator of the system concerned), and then power on the DKC.6. When using Web Console Server, check the connection between CLIENT and SERVER first. Then, execute the above 1 to 5.

ID	Kind	Description
0527	E	Memory lock error. [Contents] Memory failure in the Maintenance PC [Action] Reboot the Maintenance PC. If it is unrecoverable, replace the Maintenance PC.
0562	I	Do you want to replace the PCB(s) by using the normal replacement procedure? Yes = Normal replacement No = Forcible replacement. (possible critical errors) [Contents] An error prevention check detected it. [Action] Select either of them according to the message.
0566	I	Renewal process has completed. Please check storage system status. [Contents] Normal completion message of addition/removal [Action] Refer to the status of the added/removed part and check if the addition/removal is completed normally.
0579	I	Do you want to restore the DKB(s) now? [Contents] Do you recover the DKB? [Action] Answer to the inquiry.
0615	W	Internal storage system status is under maintenance(%s). No maintenance can be performed now. Do you want to stop this process? [Contents] The Storage System (%s) is under maintenance. No other maintenance operations can be performed. Terminate the processing once, and wait until the maintenance is completed. Do you stop the processing? [Action] Terminate the processing once and wait until the maintenance in progress is completed. If the same problem occurs after the maintenance in progress is completed, contact the Technical Support Division.

ID	Kind	Description
0722	W	Pending CFW data exist. Cache maintenance is prohibited. [Contents] Cache maintenance is inhibited because the CFW data remains. [Action] Wait for a while, and then retry.
0732	W	A failed part still exists and should be serviced first. Do you want to stop this process? [Contents] Do you continue the maintenance though there is a failed or blocked part? [Action] Confirm the status/log and solve the problem or continue the maintenance if necessary.
0733	W	Confirm the blocked part with the Maintenance function, and restore it first. [Contents] Recover the blocked part, and then perform the maintenance. [Action] Confirm the Status/log and recover the problem.
0734	W	Internal storage system status is under maintenance(%s). No maintenance can be performed now. [Contents] Maintenance work is inhibited. [Action] After the other maintenance is complete, perform this operation again. If no other maintenance is being performed, contact the Technical Support Division.
0753	E	There is no response from DKC within the time limit. [Contents] Response from the DKC resulted in time-out. [Action] Gather one-touch dump/FD copy and call the Technical Support Division.

ID	Kind	Description
0807	E	MPC Software requirement is rejected by DKC. You should confirm status of the target. [Contents] Instructions of the MPC Software were rejected by the DKC. [Action] Refer to the Status/log and recover the problem.
0808	W	Some physical devices could not be equipped. To solve the problem, check the physical/logical device status and refer to TROUBLE SHOOTING SECTION of Maintenance Manual. [Contents] Some physical devices are blocked. Check the status in the “Maintenance” window and the error log in the “Information” window, and then refer to TROUBLE SHOOTING SECTION of Maintenance Manual. [Action] To solve the problem, check the status and the log and refer to TROUBLE SHOOTING SECTION of Maintenance Manual.
0813	E	Updating process of the configuration information ends abnormally. Refer to the Maintenance and recover blocked parts. Then, refer to the configuration information from Maintenance Utility. If the configuration change is not completed, retry the updating process with the same configuration. [Contents] Update process of the configuration information terminates abnormally. Refer to the Maintenance and recover the blocked parts. Then, refer to the configuration information from Maintenance Utility. If the configuration change is not completed, retry the update process with the same configuration. [Action] Refer to the Maintenance and recover the blocked parts. Then, refer to the configuration information from Maintenance Utility. If the configuration change is not completed, retry the update process with the same configuration.

ID	Kind	Description
0817	E	Installation(removal) is not yet completed. It must be taken up first before new installation(removal). Please redefine configuration as what you wanted to install(removal), then renew storage system again. [Contents] Addition (removal) is not completed. [Action] Operate according to the message.
0818	W	Installation(removal) is not yet completed. installation(removal) will be taken up from now. But, first of all, configuration must be redefined as what you wanted to install(removal). Have you already redefined it? [Contents] Addition(removal) is not completed. [Action] Operate according to the message.
0839	I	Please confirm you have already varied off the concerned Channel paths for all HOST connected to this PCB. If OK, please press [OK]. [Contents] Check if the connection with the channel path for all HOST connected to this PCB is placed offline. [Action] After checking it, answer to the inquiry.
0843	I	Check the location of the target PCB(s)(%s) , then pull out the PCB(s) without considering the status of LED. [Contents] Check the location of the removal target PCB (%s) and remove the target PCB regardless of the LED status. [Action] Check the location of the removal target PCB (%s) and remove the target PCB regardless of the LED status.

ID	Kind	Description
0870	I	The removing does not change the configuration information. Confirm the setting.
	[Contents]	The configuration is not changed.
	[Action]	Enter correct data.
0873	W	Storage system is now under initializing. Please retry after minutes.
	[Contents]	Initialization is being executed in the Storage System.
	[Action]	Wait for a few minutes and retry.
0904	W	A failed part still exists and should be serviced first.
	[Contents]	A failed or blocked part exists.
	[Action]	Refer to the status/log and recover from the problem.
0909	W	Pinned Track exists.
	[Contents]	A PIN data exists.
	[Action]	Execute the restoration of the PIN data.

MSG03-150

ID	Kind	Description
0946	MPC	
	[Contents]	MPC (title)
	[Action]	None
0971	W	The environment monitor function cannot be restarted. Perform a dummy replacement of the CTL. If not recovered yet, replace the CTL.
	[Contents]	The environment monitor function cannot restart.
	[Action]	Perform a dummy replacement of the CTL. Perform the dummy replacement of the CTL in the order from cluster 1 to cluster 2. If not recovered yet, replace the CTL.
0993	E	The connection failed.
	[Contents]	An error has occurred in the communication.
	[Action]	Contact the Technical Support Division.
1005	W	Entered password is invalid.
	[Contents]	Input is invalid.
	[Action]	Enter correct data.
1043	I	Process is normal end.
	[Contents]	The processing is completed.
	[Action]	None

ID	Kind	Description
1063	E	File I/O error has occurred. [Contents] File failure in the Maintenance PC. [Action] Reboot the Maintenance PC. If the problem persists, replace the Maintenance PC.
1064	E	Memory error has occurred. [Contents] Memory failure in the Maintenance PC [Action] Reboot the Maintenance PC. If it is unrecoverable, replace the Maintenance PC.
1073	E	The version of firmware is inconsistent with the MPC Software. [Contents] The firmware versions of the DKCMAIN and the MPC Software are inconsistent with each other. [Action] Execute the firmware version up to make the combination correctly.
1105	I	The maintenance PC will restart. [Contents] Execute the Maintenance PC reboot. [Action] Click [OK].
1320	W	Invalid character in Error code. Please reset input value. [Contents] Input is invalid. [Action] Enter correct data.
1321	W	Invalid character in F/M. Please reset input value. [Contents] Input is invalid. [Action] Enter correct data.

ID	Kind	Description
1322	W	Invalid character in DAY(DD). Please reset input value. [Contents] Input is invalid. [Action] Enter correct data.
1323	W	Invalid value in DAY(DD). Please reset input value. [Contents] Input is invalid. [Action] Enter correct data.
1324	W	Invalid character in HOUR(hh). Please reset input value. [Contents] Input is invalid. [Action] Enter correct data.
1325	W	Invalid value in HOUR(hh). Please reset input value. [Contents] Input is invalid. [Action] Enter correct data.
1326	W	Invalid character in MINUTE(mm). Please reset input value. [Contents] Input is invalid. [Action] Enter correct data.
1327	W	Invalid value in MINUTE(mm). Please reset input value. [Contents] Input is invalid. [Action] Enter correct data.
1328	W	Invalid character in MONTH(MM). Please reset input value. [Contents] Input is invalid. [Action] Enter correct data.
1329	W	Invalid value in MONTH(MM). Please reset input value. [Contents] Input is invalid. [Action] Enter correct data.
1330	W	Invalid character in SECOND(ss). Please reset input value. [Contents] Input is invalid. [Action] Enter correct data.

ID	Kind	Description
1331	W	Invalid value in SECOND(ss). Please reset input value. [Contents] Input is invalid. [Action] Enter correct data.
1332	W	Invalid character in YEAR(YY). Please reset input value. [Contents] Input is invalid. [Action] Enter correct data.
1333	W	Invalid value in YEAR(YY). Please reset input value. [Contents] Input is invalid. [Action] Enter correct data.
1334	W	Invalid character in LDEV. Please reset input value. [Contents] Input is invalid. [Action] Enter correct data.
1335	W	Invalid value in LDEV. Please reset input value. [Contents] Input is invalid. [Action] Enter correct data.
1336	W	Invalid character in From date. Please reset input value. [Contents] Input is invalid. [Action] Enter correct data.
1337	W	Invalid character in DATE(DD). Please reset input value. [Contents] Input is invalid. [Action] Enter correct data.
1338	W	Invalid value in DATE(DD). Please reset input value. [Contents] Input is invalid. [Action] Enter correct data.
1339	W	Invalid character in Bit Pattern1. Please reset input value. [Contents] Input is invalid. [Action] Enter correct data.

ID	Kind	Description
1340	W	Invalid character in Byte No1. Please reset input value.
	[Contents]	Input is invalid.
	[Action]	Enter correct data.
1341	W	Invalid value in Byte No1. Please reset input value.
	[Contents]	Input is invalid.
	[Action]	Enter correct data.
1342	W	Invalid character in E/F. Please reset input value.
	[Contents]	Input is invalid.
	[Action]	Enter correct data.
1343	W	Invalid character in Byte No2. Please reset input value.
	[Contents]	Input is invalid.
	[Action]	Enter correct data.
1344	W	Invalid character in Bit Pattern2. Please reset input value.
	[Contents]	Input is invalid.
	[Action]	Enter correct data.
1345	W	Invalid value in Byte No2. Please reset input value.
	[Contents]	Input is invalid.
	[Action]	Enter correct data.
1346	W	Invalid value in PDEV. Please reset input value.
	[Contents]	Input is invalid.
	[Action]	Enter correct data.
1347	W	No Value in Date/Time!!! Please set a valid Date/Time.
	[Contents]	Input is invalid.
	[Action]	Enter correct data.
1348	W	Invalid Date range. Please adjust From/To Date.
	[Contents]	Input is invalid.
	[Action]	Enter correct data.

ID	Kind	Description
1350	W	No Value in Error Code!!! Please set a valid Error Code.
	[Contents]	Input is invalid.
	[Action]	Enter correct data.
1352	W	No Value in Format/Message!!! Please set a valid Format/Message.
	[Contents]	Input is invalid.
	[Action]	Enter correct data.
1353	W	No Value in Byte No1/Bit Pattern1!!! Please set a valid Byte No/Bit Pattern.
	[Contents]	Input is invalid.
	[Action]	Enter correct data.
1354	W	No Value in Byte No2/Bit Pattern2!!! Please set a valid Byte No/Bit Pattern.
	[Contents]	Input is invalid.
	[Action]	Enter correct data.
1355	W	No Value in PDEV!!! Please set a valid PDEV.
	[Contents]	Input is invalid.
	[Action]	Enter correct data.
1356	W	Invalid character in PDEV. Please reset input value.
	[Contents]	Input is invalid.
	[Action]	Enter correct data.
1357	E	Parameter Error !!!(1) Usage ssbsrh param_adr_str
	[Contents]	Failure in the Maintenance PC
	[Action]	Reboot the Maintenance PC. If it is unrecoverable, replace the Maintenance PC.

ID	Kind	Description
1358	E	Cannot open ssb logfile!!!
	[Contents]	Failure in the Maintenance PC
	[Action]	Reboot the Maintenance PC. If it is unrecoverable, replace the Maintenance PC.
1359	E	Cannot read header ssb logfile!!!
	[Contents]	Failure in the Maintenance PC
	[Action]	Reboot the Maintenance PC. If it is unrecoverable, replace the Maintenance PC.
1360	E	Cannot create output file!!!
	[Contents]	Failure in the Maintenance PC
	[Action]	Reboot the Maintenance PC. If it is unrecoverable, replace the Maintenance PC.
1361	E	Cannot malloc read buffer!!! return FALSE
	[Contents]	Failure in the Maintenance PC
	[Action]	Reboot the Maintenance PC. If it is unrecoverable, replace the Maintenance PC.
1362	E	Cannot open ssb logfile!!! return FALSE
	[Contents]	Failure in the Maintenance PC
	[Action]	Reboot the Maintenance PC. If it is unrecoverable, replace the Maintenance PC.
1363	E	Logfile read short return short:0
	[Contents]	Failure in the Maintenance PC
	[Action]	Reboot the Maintenance PC. If it is unrecoverable, replace the Maintenance PC.

ID	Kind	Description
1364	E	Logfile read short return short:1
	[Contents]	Failure in the Maintenance PC
	[Action]	Reboot the Maintenance PC. If it is unrecoverable, replace the Maintenance PC.
1365	E	Logfile read short return short:2
	[Contents]	Failure in the Maintenance PC
	[Action]	Reboot the Maintenance PC. If it is unrecoverable, replace the Maintenance PC.
1366	E	Logfile read short return short:3
	[Contents]	Failure in the Maintenance PC
	[Action]	Reboot the Maintenance PC. If it is unrecoverable, replace the Maintenance PC.
1367	E	Cannot Set timer!!!
	[Contents]	Failure in the Maintenance PC
	[Action]	Reboot the Maintenance PC. If it is unrecoverable, replace the Maintenance PC.
1368	E	Cannot open ssb.dsp!!!
	[Contents]	Failure in the Maintenance PC
	[Action]	Reboot the Maintenance PC. If it is unrecoverable, replace the Maintenance PC.
1391	W	Invalid Password.
	[Contents]	Input is invalid.
	[Action]	Enter correct data.

ID	Kind	Description
1397	I	Are you sure you want to terminate the ACE/FACE?
	[Contents]	Do you terminate the ACE/FACE?
	[Action]	Answer to the inquiry.
1398	W	LCP is not selected.
	[Contents]	The LCP is not selected.
	[Action]	Select an LCP.
1399	W	Processor is not selected.
	[Contents]	The processor is not selected.
	[Action]	Select a processor.
1401	I	CUDG will be stopped. Processor:%s
	[Contents]	CUDG stopped.
	[Action]	Select [Yes] to terminate the processor.
1408	I	Too many groups or items are specified.
	[Contents]	Two or more groups or items were specified.
	[Action]	Specify only one group or item.
1411	I	CUDG will be restarted. Processor:%s
	[Contents]	CUDG restarted.
	[Action]	Select [Yes] to restart the processor.
1412	I	Have you already varied off all the paths?
	[Contents]	Is the CPU disconnected?
	[Action]	If disconnected from CPU, select [Yes].
1413	I	You can do CUDG under off-line.
	[Contents]	CUDG can be executed in the off-line mode.
	[Action]	None
1414	W	Illegal Action Time.
	[Contents]	Illegal action count
	[Action]	Enter the correct value (1-9999).
1415	I	CUDG will be interrupted. Processor:%s
	[Contents]	The processing stopped.
	[Action]	None

ID	Kind	Description
1419	E	Inline CUDG can not execute.
	[Contents]	Reboot the PC, and re-execute.
	[Action]	Reboot the PC, and re-execute.
1420	W	Illegal Routine No.
	[Contents]	Illegal routine No.
	[Action]	Enter the correct routine number.
1423	I	Take off jumper wire.
	[Contents]	Remove the jumper.
	[Action]	Remove the jumper.
1424	E	No response from DKC.
	[Contents]	A communication error with the DKC has occurred.
	[Action]	Isolate problems according to the following procedure. <ol style="list-style-type: none"> 1. Reboot the Maintenance PC. 2. Check the LAN card/LAN cable. 3. Check the IP address of the Maintenance PC. 4. Replace the Maintenance PC. 5. Power off the DKC (Make sure to confirm with a system administrator of the system concerned), and then power on the DKC.
1426	I	Join jumper wire.
	[Contents]	Set a jumper.
	[Action]	Set a jumper.
1428	I	There is no processor for interrupt.
	[Contents]	There is no processor to stop CUDG.
	[Action]	-
1429	I	There is no processor for stop.
	[Contents]	There is no processor to stop CUDG.
	[Action]	-
1430	I	Turn off the power supply of DKC.
	[Contents]	Power off the DKC.
	[Action]	Power off the DKC.

MSG03-250

ID	Kind	Description
1433	I	There is no processor for restart.
	[Contents]	-
	[Action]	-
1437	I	Select single processor.
	[Contents]	Select only one processor.
	[Action]	Select only one processor.

ID	Kind	Description
2031	W	Devices to be maintained include volumes of True Copy/Universal Replicator or command devices defined by the BC Manager. Delete pairs of True Copy/Universal Replicator or command devices defined by the BC Manager.
	[Contents]	Devices to be maintained include volumes of True Copy/Universal Replicator or command devices defined by the BC Manager. Delete pairs of True Copy/Universal Replicator or command devices defined by the BC Manager.
	[Action]	Click [OK] to stop the operation. It is needed to release pairs of True Copy/Universal Replicator or command devices defined by the BC Manager.
2034	W	Devices to be maintained include volumes of True Copy/Universal Replicator. From the MCU, delete pairs of True Copy/Universal Replicator.
	[Contents]	Devices to be maintained include volumes of True Copy/Universal Replicator. From the SVP of the MCU, delete pairs of True Copy/Universal Replicator.
	[Action]	Click [OK] to stop the operation. Discuss with the customer to release pairs of True Copy/Universal Replicator, and then retry the maintenance process.

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ID	Kind	Description
2079	W	Copying of True Copy/Universal Replicator is in progress. Wait for copying completion or delete or suspend the pair from the MCU. Do you want to stop the process?
[Contents]		Copying of True Copy/Universal Replicator is in progress. Wait for copying completion or delete or suspend the pair from the MCU. Do you terminate the maintenance processing?
[Action]		[Yes]: Terminate the maintenance processing. Wait for copying completion, or discuss with the customer to delete pairs from the MCU or suspend them. And then retry the maintenance operation. [No]: Continue the maintenance processing.

ID	Kind	Description
2118	W	<p>This storage system is used by Remote Replication. The RCU needs to be deleted because the management of the Remote Replication pair might not be maintained. Do you want to stop this process?</p> <p>[Contents] This Storage System is used by Remote Replication. The RCU needs to be deleted because the management of the Remote Replication pair may be impossible. Do you terminate this processing?</p> <p>[Action] [Yes]: Terminate the maintenance processing. Consult with the customer to delete RCU, and then retry the processing. [No]: Continue the processing.</p>
2119	W	<p>This storage system is being used by True Copy/Universal Replicator. As the status management of True Copy/Universal Replicator may fail, the RCU must be deleted from the MCU. Do you want to stop the process?</p> <p>[Contents] This storage system is being used by True Copy/Universal Replicator. As the status management of True Copy/Universal Replicator may fail, the RCU must be deleted from the MCU. Do you terminate the processing?</p> <p>[Action] [Yes]: Terminate the maintenance processing. Consult with the customer to delete RCU from the MCU side, and then retry the processing. [No]: Continue the processing.</p>
2132	E	<p>The target has connected SCSI channel port. Please delete the connected SCSI Path at first.</p> <p>[Contents] The target has connected SCSI channel port. Delete the connected SCSI Path at first.</p> <p>[Action] Erase the SCSI path setting, and then remove the target parts.</p>
2138	E	<p>Not enough memory. Please exit other applications and retry again.</p> <p>[Contents] Insufficient system memory.</p> <p>[Action] Terminate other applications, and then restart.</p>

ID	Kind	Description
2219	E	The configuration information is different. Check the media or file of the configuration information and install the correct version of the configuration information. [Contents] There is no drive/LDEV emulation type you can select. [Action] Check the CONFIG version. If incorrect, install a CONFIG file of the correct version.
2228	E	Operation was rejected by the controller. [Contents] DKC rejected the LDEV reference/setting command. [Action] Retry the operation.
2231	E	Logical error has occurred. Reboot the Maintenance PC and retry the operation. [Contents] Logical error has occurred. [Action] Reboot the Maintenance PC and retry the operation. If the same phenomenon still occurs, contact the Technical Support Division.
2234	E	Enter correct number (%u-%u). [Contents] Enter values between (x) and (y) [Action] Enter values between (x) and (y)

ID	Kind	Description
2268	W	Exclusive task (Install, Diagnosis, Replace, etc.) is already running on Maintenance PC. Please try this operation after finishing the task.
	[Contents]	The work programs such as installation, diagnosis, parts replacement and PAV are running in the Maintenance PC. Retry the operation after completing these programs.
	[Action]	The work programs such as installation, diagnosis, parts replacement and PAV are running in the Maintenance PC. Retry the operation after completing these programs.
2272	E	No value in %s area. Please input a value.
	[Contents]	There is no value in xx area.
	[Action]	Enter a value.
2274	E	Invalid character in %s area. Please input a valid value.
	[Contents]	The character string in %s area is invalid.
	[Action]	Enter a correct value.

ID	Kind	Description
2281	I	ORM Value is initialized.
	[Contents]	ORM Value is initialized.
	[Action]	Click [OK].
2282	W	Are you sure you want to initialize ORM Value?
	[Contents]	Do you initialize ORM Value?
	[Action]	To execute Initialize ORM Value, select [Yes]. To cancel, select No.
2283	I	Are you sure you want to cancel this function?
	[Contents]	When you select [Cancel] in the Define Configuration window, this message is displayed to confirm the operation.
	[Action]	If you press [YES], the Define Configuration window is terminated. If you press [NO], it continues.
2286	W	A pre-check error occurred (Error Code = %lx).
		Do you want to stop processing?
	[Contents]	An internal logical error has occurred by a maintenance inhibition check. Do you terminate the maintenance processing?
	[Action]	[Yes]: Suspend the maintenance processing. [No]: Continue the maintenance processing.
2287	W	Storage system is now under P/S off process.
	[Contents]	This operation was inhibited, because the Storage System is under P/S off process.
	[Action]	Retry after P/S on.
2288	W	Configuration set up job is now running at storage system processor. Please retry again.
	[Contents]	This operation was inhibited, because the Storage System is under P/S off process and busy.
	[Action]	Retry after waiting for a while.
2289	W	Data may be lost or channel paths to the host CPU may be lost due to this operation.
	[Contents]	This operation was inhibited because data in the logical device or a channel path to the host is lost.
	[Action]	Maintain other blocked parts before this operation.
2290	E	Data in the logical devices will be lost due to this operation.
	[Contents]	This operation was inhibited because data in the logical device is lost.
	[Action]	Maintain other blocked parts before this operation.

ID	Kind	Description
2291	E	You should not restore logical devices, because data will be lost due to this operation. [Contents] This operation was inhibited because data is lost. [Action] Maintain other blocked parts before this operation.
2292	E	This operation will cause fatal damage to storage system data. Another redundant cache memory has been already blocked. Please maintain the blocked cache memory first. [Contents] This operation was inhibited because both Cache are blocked. [Action] Maintain the other Cache before this operation.
2317	I	Are you sure you want to restore the physical device? [Contents] This message is displayed to confirm the physical device recovery. [Action] [Yes]: Continue the processing. [No]: Suspend the processing.
2319	I	Remove the media. [Contents] Collecting information is completed. Remove the media. [Action] Remove the media and click [OK].

ID	Kind	Description
2336	I	Are you sure you want to correct data in the physical device?
	[Contents]	This message is displayed to confirm the data restoration start-up in the physical device.
	[Action]	Select [Yes] to restore the data in the logical device. Select [No] to remain the data.
2376	I	Replace or remove the controller board (memory/CFM) of the cluster 1. Select [OK] when completed.
	[Contents]	Request to remove the memory/CFM of cluster 1.
	[Action]	Remove the memory/CFM of cluster 1.
2377	I	Replace or remove the controller board (memory/CFM) of the cluster 2. Select [OK] when completed.
	[Contents]	Request to remove the memory/CFM of cluster 2.
	[Action]	Remove the memory/CFM of cluster 2.

ID	Kind	Description
2381	E	Initiate process has failed. [Contents] Initiate process has failed. [Action] Click [OK] to terminate the processing.
2384	E	Can't continue this process because no PCB to replace. [Contents] This processing cannot continue because there is no PCB to replace. [Action] Click [OK].
2387	I	Correcting data in the physical device could not be done. If the copying process is operating at the other HDD in the same parity group, retry again after completing that operation. [Contents] Correction copy is impossible. If the copy process operates in the other HDD in the same parity group, retry after completing the operation. [Action] If the copy process operates in the other HDD in the same parity group, retry after completing the operation.
2389	I	Copying data in spare device to the physical device could not be done. If the copying process is operating at the other HDD in the same parity group, retry again after completing that operation. [Contents] Copy back is impossible. If the copy process operates in the other HDD in the same parity group, retry after completing the operation. [Action] If the copy process operates in the other HDD in the same parity group, retry after completing the operation.

ID	Kind	Description
2393	I	Confirm that you have already shut down the corresponding connected host(s) or switched to the alternate channel path(s) for all HOST connected to this PCB. Do you want to continue processing? [Contents] The Remote Copy volume pair may be suspended. No maintenance operations are possible during Remote initial copy. Are you sure you continue this process? [Action] If you continue the process, select [YES]. If not, select [NO].
2398	I	Are you sure you want to copy data in spare device to the physical device? [Contents] Do you execute copy back? [Action] To execute copy back, select [Yes]. If not, select [No].
2399	I	Copying data in spare device to the physical device has been started. [Contents] Copy back starts. [Action] Click [OK].

ID	Kind	Description
2400	I	Correcting data in the physical device has been started.
	[Contents]	Correction copy has started.
	[Action]	Click [OK].
2413	I	Blockade finished.
	[Contents]	Blockade process is completed.
	[Action]	Click [OK].
2414	E	Blockade process has failed.
	[Contents]	Blockade process failed.
	[Action]	Click [OK].
2415	I	Restore finished.
	[Contents]	Recovery processing is completed.
	[Action]	Click [OK].
2416	E	Restore process has failed.
	[Contents]	Recovery processing failed.
	[Action]	Click [OK].

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ID	Kind	Description
2437	E	Correcting data has failed.
	[Contents]	Correction copy process failed.
	[Action]	Click [OK] to terminate the processing.
2438	E	Data in a spare device could not copy to the physical device.
	[Contents]	The copy back process failed.
	[Action]	Click [OK] to terminate the processing.

ID	Kind	Description
2451	E	An error occurred in the Windows system. [Contents] Windows error has occurred. [Action] Click [OK] to terminate the processing.
2452	E	Change Configuration was failed. [Contents] Changing configuration information failed [Action] Click [OK] to terminate the processing.
2453	I	Change Configuration was completed. [Contents] Changing configuration information is completed. [Action] Click [OK] to terminate the processing.
2454	E	Failed to read the configuration. [Contents] Reading configuration information failed. [Action] Click [OK] to terminate the processing.

ID	Kind	Description
2460	I	System Tuning has finished. Make sure that POWER LED at Controller Chassis is in amber, and then select [OK].
	[Contents]	System Tuning has finished.
	[Action]	Check that POWER LED on Controller Chassis is in amber, and then click [OK].
2464	I	Confirm that you have already varied off the concerned channel paths for all HOST connected to this PCB. Also confirm that you have already shut down the corresponding connected host(s) or switched to the alternate channel path(s) for all HOST connected to this PCB. Do you want to continue processing?
	[Contents]	For all the hosts connected to the target PCB, check that the related channel paths are offline and switched to alternate paths or the hosts have stopped. Do you continue the work?
	[Action]	To proceed this processing, select [Yes]. If not, select [No].

ID	Kind	Description
2465	W	Cache size is different between cluster-1 and cluster-2. Please redefine configuration by cache installation (removal).
	[Contents]	Cache size is different between cluster-1 and cluster-2. Redefine the configuration by adding or removing the Cache memories.
	[Action]	Click [OK] and add or remove Cache.
2467	E	Operation was rejected by DKC.
	[Contents]	DKC rejected this operation.
	[Action]	Click [OK] to terminate the processing.

ID	Kind	Description
2483	W	The maintenance object contains a ShadowImage/Thin Image pair. You should delete the pair. (If the pair is in the Quick Split process, suspend the pair and then delete the pair.)
	[Contents]	The maintenance object contains a ShadowImage/Thin Image pair. You should delete the pair. (If the pair is in the Quick Split process, suspend the pair and then delete the pair.)
	[Action]	The maintenance target includes a ShadowImage/Thin Image pair. Delete the pair. If the pair is in the quick split process, suspend the pair, and then delete it.
2484	W	The maintenance object contains a reserved volume for ShadowImage. You should reset the reserved attribute.
	[Contents]	The maintenance target include the reserved ShadowImage pair. Cancel the reserved VOL.
	[Action]	The maintenance target include the reserved ShadowImage pair. Cancel the reserved VOL.
2485	W	The maintenance object contains a ShadowImage pair. You should delete the pair.(If the pair is in the Quick Split process, suspend the pair and then delete the pair.)
	[Contents]	The maintenance object contains a ShadowImage pair. You should delete the pair. (If the pair is in the Quick Split process, suspend the pair and then delete the pair.)
	[Action]	Delete the pair. If the pair is in the Quick Split process, suspend the pair first, and then delete the pair.
2486	W	Data copying for ShadowImage is in progress. Wait until the copying ends, or delete or suspend the corresponding pair. Do you want to stop process?
	[Contents]	ShadowImage copy is in progress. Wait until copying is completed or stop it Do you stop the processing?
	[Action]	ShadowImage copy is in progress. Wait until copying is completed or stop it
2487	W	Data copying for ShadowImage is in progress. Wait until the copying ends, or delete or suspend the corresponding pair.
	[Contents]	ShadowImage copy is in progress. Wait until copying is completed or stop it
	[Action]	ShadowImage copy is in progress. Wait until copying is completed or consult with the customer whether to cancel or suspend the ShadowImage pair, and then retry the maintenance processing.

ID	Kind	Description
2488	W	The maintenance object contains a ShadowImage pair. You should suspend the ShadowImage volume pair.
	[Contents]	The maintenance target includes a ShadowImage pair. Suspend the ShadowImage pair.
	[Action]	Suspend the ShadowImage pair.
2489	W	The maintenance object contains a ShadowImage. You should split the ShadowImage volume pair.
	[Contents]	The maintenance target includes a ShadowImage pair. Split the ShadowImage pair.
	[Action]	Split the ShadowImage pair.
2490	W	The maintenance object contains a ShadowImage pair. You should resynchronize the ShadowImage volume pair.
	[Contents]	The maintenance target includes a ShadowImage pair. Resynchronize (Resync) the ShadowImage pair.
	[Action]	Resynchronize (Resync) the ShadowImage pair.
2491	W	The last DRR that supports ShadowImage/Volume Migration exists. This operation will not support ShadowImage/Volume Migration.
	[Contents]	The last DRR that supports ShadowImage/Volume Migration exists. This operation will not support ShadowImage/Volume Migration.
	[Action]	The last DRR that supports ShadowImage/Volume Migration exists. This operation will not support ShadowImage/Volume Migration.
2492	W	Maintenance object included the volume which is running backup. You should stop the backup server.
	[Contents]	The maintenance target includes the volume which is running backup. Stop the backup server.
	[Action]	The maintenance target includes the volume which is running backup. Stop the backup server.
2493	W	The maintenance object contains a ShadowImage pair which was required by the host. You should change the volume status to Simplex.
	[Contents]	The maintenance target includes a ShadowImage pair required by the host. Change the VOL to Simplex.
	[Action]	The maintenance target includes a ShadowImage pair required by the host. Change the VOL to Simplex.

ID	Kind	Description
2509	I	This function was canceled.
	[Contents]	This function was canceled.
	[Action]	None
2515	E	Configuration are different between DKC and MPC Software. Please call Technical Support Division.
	[Contents]	CONFIG mismatches between DKC and MPC software. Contact the Technical Support Division.
	[Action]	Contact the Technical Support Division.
2521	W	You cannot change the MPC Software mode to Modify because the Web Console is being connected to the MPC, or because an internal processing is being executed.
	[Contents]	The MPC Software mode cannot change to Modify because Web Console is in use or the internal processing is in progress.
	[Action]	Disconnect Web Console from MPC. Wait for five minutes.

ID	Kind	Description
2530	W	Pre-Check error has occurred (Error Code = %lx). Please try again.
	[Contents]	Logical contradiction has occurred in the maintenance inhibition check due to the invalid configuration information data.
	[Action]	Refer to the "Maintenance" window and retry.
2531	W	The logical devices are not blockade.
	[Contents]	The specified logical device is not blocked.
	[Action]	Specify only the blocked logical device and execute.
2532	W	The logical devices are not normal.
	[Contents]	The specified logical device is not normal.
	[Action]	Specify only the normal logical device and execute.
2533	W	The logical devices are not equip.
	[Contents]	The specified logical device is not installed.
	[Action]	Refer to the "Maintenance" window and retry.

ID	Kind	Description
2565	W	Installation data of program product in the Configuration table will be initialized by this operation. After finishing this procedure, please set the program product installation again. [Contents] This operation initializes program product configuration information. Reset it after this operation. [Action] After the operation "NEW Installation", set the program product information.
2572	W	CUDG is Running. [Contents] CUDG is running now. [Action] Since CUDG is in progress, it cannot start. To retry, stop CUDG once, and then restart.
2574	I	Are %s interrupted? [Contents] Do you suspend LCDG? [Action] To suspend LCDG, select [Yes].
2575	I	Are %s restarted? [Contents] Do you restart LCDG? [Action] To restart LCDG, select [Yes].
2576	I	Are %s stopped? [Contents] Do you stop LCDG? [Action] To stop LCDG, select [Yes].

ID	Kind	Description
2583	W	<p><Important CAUTION> This operation is a procedure of a new installation or configuration restoration. A procedure of installation or removal is a different operation. Select [Cancel] to stop the process and execute from Install-Change Configuration or Maintenance Utility.</p> <p>[Contents] <Important CAUTION> This operation is a procedure of new installation. A procedure of addition or removal is a different operation. Select the [Cancel] button to terminate the processing and execute from "Install-Change Configuration" or "Maintenance Utility".</p> <p>[Action] Confirm the maintenance work in the maintenance manual.</p>
2584	W	<p><Important CAUTION> When you continue this operation, finally you need DKC PS OFF. Are you sure you want to continue this operation?</p> <p>[Contents] <Important CAUTION> If you continue this operation, finally you need DKC PS OFF. Do you continue this processing?</p> <p>[Action] Confirm the maintenance work in the maintenance manual.</p>
2585	W	<p><Important CAUTION> When you continue this operation, customer's DATA is LOST. Are you sure you want to continue this operation?</p> <p>[Contents] <Important CAUTION> If you continue this operation, customer data is lost. Do you continue this processing?</p> <p>[Action] Confirm the maintenance work in the maintenance manual.</p>
2586	W	<p><Important CAUTION> When you continue this operation, configuration data will be changed. Are you sure you want to continue this operation?</p> <p>[Contents] <Important CAUTION> If you continue this operation, the Storage System configuration information is initialized. Do you continue this processing?</p> <p>[Action] Confirm maintenance procedure at Maintenance Manual.</p>

ID	Kind	Description
2587	W	<p><Important CAUTION> When you select [OK] button, you can't cancel this operation. Are you sure you want to continue this operation? If you terminate this operation by some forcible method, the storage system be in UNRECOVERABLE SERIOUSLY DAMAGE.</p> <p>[Contents] <Important CAUTION> If you continue this operation, you cannot suspend the processing. Do you continue this processing? If you terminate this operation forcibly, the Storage System will be unrecoverable.</p> <p>[Action] Confirm the maintenance work in the maintenance manual.</p>
2588	W	<p><Important CAUTION> You must not RE-BOOT Maintenance PC.</p> <p>[Contents] <Important CAUTION> Do not reboot the Maintenance PC.</p> <p>[Action] Do not reboot the Maintenance PC.</p>
2589	W	<p><Important CAUTION> When you continue this operation, finally you need DKC PS OFF, so customer can not use the volume in this storage system continuously.</p> <p>[Contents] <Important CAUTION> If you continue this operation, finally you need DKC PS OFF, so the customer cannot use the volume in the Storage System.</p> <p>[Action] Confirm the maintenance work in the maintenance manual.</p>
2590	W	<p><Important CAUTION> THIS IS INITIAL SETUP MODE. WHILE RUNNING THIS MODE, DO NOT EXECUTE INSTALLATION OR REMOVAL THAT MAY CAUSE DISRUPTIONS.</p> <p>[Contents] <Important CAUTION> This is an initial installation mode in the Storage System. Do not execute online addition/removal in this mode.</p> <p>[Action] Confirm the maintenance work in the maintenance manual.</p>
2591	W	<p>Verifying the logical devices. No maintenance can be performed now.</p> <p>[Contents] Parity consistency check of the logical device is in progress. No maintenance processing can be executed at this time.</p> <p>[Action] Wait until Verify is completed.</p>

ID	Kind	Description
2606	W	Communication busy. Please retry later. (Error Code = %04x)
	[Contents]	Communication is impossible. Retry after a while.
	[Action]	Retry after a while.
2631	E	MPC Software logical error has occurred. %s Please retry operation after Maintenance PC reboot. (See recovery procedure for Maintenance PC Failure.)
	[Contents]	MPC Software logical error has occurred. Retry the operation after the Maintenance PC reboots. (Refer to the TROUBLESHOOTING SECTION “ 3.29 MPC Failure Recovery ”)
	[Action]	MPC Software logical error has occurred. Retry the operation after the Maintenance PC reboots. (Refer to the TROUBLESHOOTING SECTION “ 3.29 MPC Failure Recovery ”)
2648	I	Pinned track does not exist.
	[Contents]	Pinned track does not exist.
	[Action]	Click [OK].
2665	I	No HDD is over the rate.
	[Contents]	There is no HDD whose error rate is over the specified rate.
	[Action]	Click [OK] and enter the lower rate.
2666	I	No ORM Log is existing on this ID.
	[Contents]	There is no log information for the selected error type.
	[Action]	Click [OK] and retry the operation after closing the window once.

ID	Kind	Description
2667	W	Are you sure you want to reset Threshold Counter of all ID?
	[Contents]	Do you reset the counter of all the error types?
	[Action]	Click [OK] to reset the counter.
2668	W	Are you sure you want to alter the threshold value of the HDD you selected?
	[Contents]	Do you change the threshold value of the selected HDD?
	[Action]	Click [OK] to change the threshold value.
2669	W	Rate must be from 0 to 100(%)
	[Contents]	Error rate is invalid. The value from 0 to 100(%) is enabled.
	[Action]	Click [OK] to correct the error rate.
2670	W	Select HDD(s).
	[Contents]	Select HDDs from the HDD List.
	[Action]	Click [OK] to select HDDs.
2671	W	Enter correct threshold value.
	[Contents]	Threshold value is invalid. Correct the value
	[Action]	Click [OK] to correct the threshold value.
2672	E	Allocating local memory object failed.
	[Contents]	Securing the memory failed on MPC software.
	[Action]	Reboot the Maintenance PC and retry the operation.
2673	E	An error occurred when opening the ORM information file or the threshold information file.
		If the storage system is being maintained, retry the operation after the maintenance finishes. Otherwise, reboot the PC.
	[Contents]	An error has occurred in the operation of ORM information and threshold value information.
		If this Storage System is on the maintenance, wait until it is completed.
		If not, reboot the PC.
	[Action]	If the maintenance of this Storage System is in progress, wait until it is completed.
		If not, reboot the PC.

ID	Kind	Description
2674	W	Any processor are not selected.
	[Contents]	No processor is selected.
	[Action]	Select a processor and click [OK].
2675	W	Firmware or configuration is not selected.
	[Contents]	Firmware or configuration information is not selected.
	[Action]	Select firmware or configuration and click [OK].
2683	W	The SM size is too big. Check the cache/SM size.
	[Contents]	The SM size is too big. Check the Cache/SM size.
	[Action]	Check the size of the Cache and SM. Then, increase the Cache capacity or reduce the SM function. (Reduce SM and Increase Cache)

ID	Kind	Description
2701	I	Please insert a DOS formatted. FD (No.%d)
	[Contents]	Insert a DOS formatted FD whose number is "No.xx"
	[Action]	Insert a DOS formatted FD whose number is "No.xx"
2724	E	Invalid configuration data is generated. Please reboot PC, and open Maintenance window. After close Maintenance window, please define configuration again.
	[Contents]	Invalid configuration data is generated for unknown cause.
	[Action]	Reboot PC and open the "Maintenance" window to read the correct configuration information from DKC. After closing the "Maintenance" window, define the configuration again.
2727	W	Communication error has occurred when reading the Configuration data from DKC. Reboot the Maintenance PC. Do you want to stop this process?
	[Contents]	An communication error has occurred when reading the configuration information. Reboot the Maintenance PC. Do you suspend this processing?
	[Action]	[Yes]: Reboot the Maintenance PC. If the same error occurs, gather the dump using the FD Copy function. [No]: Continue the maintenance work.
2728	W	A communication error occurred while checking the storage system status. Reboot the Maintenance PC. Do you want to stop this process?
	[Contents]	A communication error has occurred in the Storage System status check. Reboot the Maintenance PC. Do you suspend this processing?
	[Action]	[Yes]: Reboot the Maintenance PC. If the same error occurs, gather the dump using the FD Copy function. [No]: Continue the maintenance work.
2730	W	Communication error has occurred when checking the PIN data. Reboot the Maintenance PC. Do you want to stop this process?
	[Contents]	A communication error has occurred in the PIN status check. Reboot the Maintenance PC. Do you suspend this processing?
	[Action]	[Yes]: Reboot the Maintenance PC. If the same error occurs, gather the dump using the FD Copy function. [No]: Continue the maintenance work.

ID	Kind	Description
2788	E	Error response from DKC.
	[Contents]	An error was reported from the DKC.
	[Action]	<p>Refer to THEORY03-03-20 first and if the failed operation corresponds to any of the operations indicated as “Impossible” in the table, wait until the processing completes. If the failed operation does not correspond to any of the operations indicated as “Impossible”, go on to the next step.</p> <ol style="list-style-type: none">(1) If this message is displayed during an operation of Cache capacity removal, the de-staging for data in write pending might not end within the specified time period. In this situation, if you perform the Cache capacity removal again, the same message may appear again. For this reason, please check the write pending rate for each CLPR or MPU from the ‘Monitor’, and then perform the Cache capacity removal again after the write pending rate has decreased to less than 40%.(2) If this message is displayed during the mode setting of System Option, please check the log in the “Information” window. And If SSB = 0x152F is reported, please see TROUBLESHOOTING SECTION “2.2.9 Correspondence at the time of the mode setting failure of System Option” and recover from the problem.(3) When not corresponding to above (1) and (2), or when the problem doesn't solve according to the procedure above (1) and (2), check the status in the “Maintenance Utility” window or in the “Maintenance” window, or the log in the “Information” window, and then recover from the problem. Contact the Technical Support Division if you cannot recover from the problem.

ID	Kind	Description
2793	W	The Remote Replication pair may be suspended. No maintenance operations are possible during Remote Replication. Are you sure you want to continue this process?
	[Contents]	The Remote Replication pair may be suspended. No maintenance operations are possible during Remote Replication. Are you sure you want to continue this process?
	[Action]	[Yes]: Continue the maintenance processing. [No]: Suspend the maintenance processing.
2800	W	Some Memory access paths is blockade. Do you want to refer path Status?
	[Contents]	Some Memory access paths are blocked. Do you refer to the path status?
	[Action]	Click [Yes] to refer to the path status.
2802	W	The specified log file will be deleted. Even when service personnel or a user has not read some of the logs, this operation deletes the file. Are you sure you want to delete it?
	[Contents]	The specified log file will be deleted. Are you sure you delete it?
	[Action]	If you delete log file, click [Yes].

ID	Kind	Description
2834	W	Maintenance object included the Volume Migration pair. You should delete pair.
	[Contents]	The maintenance target include a Volume Migration pair. Cancel the pair.
	[Action]	The maintenance target include a Volume Migration pair. Cancel the pair.
2835	W	Maintenance object included the reserved volume for Volume Migration. You should remove the reserved volume.
	[Contents]	The maintenance target includes the reserved volume for Volume Migration. Cancel the specified reserved volume.
	[Action]	The maintenance target includes the reserved volume for Volume Migration. Cancel the specified reserved volume.
2836	W	Maintenance object included the Volume Migration pair. You should delete pair.
	[Contents]	The maintenance target includes a Volume Migration pair. Cancel the pair.
	[Action]	The maintenance target includes a Volume Migration pair. Cancel the pair.

ID	Kind	Description
2872	W	Internal error occurred.
	[Contents]	An internal error has occurred.
	[Action]	(1) Retry the operation. (2) Reboot PC.
2886	I	PK or Parts information was changed. Are you sure you want to rewrite PK or Parts information?
	[Contents]	PK or installed parts information was changed. Do you rewrite the PK or installed parts information?
	[Action]	Select [Yes] to rewrite.
2915	I	This FD has "read-only" file(s). FD Copy will be terminated.
	[Contents]	This FD has read-only files. FD Copy is suspended.
	[Action]	Click [OK] and check the files in FD. Change the attribute of the files concerned or insert another FD.
2917	E	File access error has occurred.
	[Contents]	File access failed.
	[Action]	Reboot PC. If the error is unrecoverable, replace the PC.

ID	Kind	Description
3002	W	The Logical device formatting cannot be executed. Because an error occurred at PATH INLINE. Please check connection of the SAS Cable. Do you want to stop this process?
	[Contents]	The Logical device formatting cannot be executed because an error has occurred at PATH INLINE. Check the connection of the SAS cable. Do you terminate the maintenance processing?
	[Action]	If selecting [Yes], check the connection of the SAS cable. If selecting [No], continue this operation.
3005	E	New installation process failed.
	[Contents]	New installation process failed.
	[Action]	Press [OK] button.
3026	E	Retry the same operation after you complete the Volume Security activated by other application.
	[Contents]	Terminate Volume Security running at the other application and retry the same operation.
	[Action]	Terminate Volume Security running at the other application and retry the same operation.
3027	I	Volume 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?
	[Contents]	The Volume Security information of the selected host is cleared. (The host can access all the installed devices.) Do you continue this operation?
	[Action]	[Yes]: Clear the Volume Security information of the selected host (the host can access all the installed devices). [No]: No operation will be performed.

ID	Kind	Description
3031	W	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? [Contents] The configuration information is invalid. [Action] Reboot PC and open the "Maintenance" window to read the correct data. Close the "Maintenance" window and retry the operation.
3032	E	Because the maximum licensed capacity of the program product became insufficient, the processing will stop. [Contents] Because the maximum licensed capacity of the program product became insufficient, the processing will stop. [Action] Install the program product whose maximum permissible capacity became insufficient, and retry the operation.
3035	W	Failed to block the PCB. Please insert the jumper into the target PCB and then select OK. (%s) [Contents] The PCB blockade failed. Insert the jumper into the target PCB, and then click [OK]. [Action] Insert the jumper into the target PCB, and then click [OK].
3093	I	Do you want to stop all processors? [Contents] Do you stop all processors? [Action] Select [Yes] to stop all the processors. Select [No] to stop the processor one by one. Select [Cancel] to cancel the operation.

ID	Kind	Description
3124	W	Check the setting of the cache/SM capacity.
	[Contents]	Check the setting of the Cache/SM capacity.
	[Action]	Increase the Cache capacity or reduce the SM size.
3141	E	A communication error occurred between the MPC and the DKC, and a DKC Memory dump could not be collected. Click [OK] to continue the processing. Verify the communication error after the processing is complete.
	[Contents]	A communication error occurred between the MPC and the DKC, and a DKC Memory dump could not be collected. Click [OK] to continue the processing. Verify the communication error after the processing is complete.
	[Action]	Verify the status to identify the cause of the communication error. A DKC Memory dump was not collected because of the error. Solve the cause of the error, and then retry the operation. If the same phenomenon still occurs, collect the System Dump from Maintenance.
3142	E	Failed to read PCB Revision.
	[Contents]	The PCB revision could not be read.
	[Action]	Reboot the PC. If the error persists, replace the PC.

ID	Kind	Description
3188	I	The processing is complete. Remove the media of the configuration information if necessary.
	[Contents]	The processing is complete. Remove the media of the configuration information if necessary.
	[Action]	Remove the media of the configuration information if necessary, and then click [OK].
3193	E	The Config media access error has occurred. The Config media is write-protected. Please release the write-protection of the Config media, and select the [Retry] button.
	[Contents]	An access error to the Config media has occurred. The Config media is write-protected. Release the write-protection of the Config media and click [Retry].
	[Action]	Release the write-protection of the Config media and click [Retry]. Click [Cancel] to terminate the processing.
3210	W	No data (LDKC:CU:LDEV) is entered. Enter correct data.
	[Contents]	Input is invalid.
	[Action]	Enter correct data.

ID	Kind	Description
3211	W	The CU number contains invalid characters. Enter a correct CU number. [Contents] Input is invalid. [Action] Enter correct data.
3212	W	The CU number is invalid. Enter a correct CU number. [Contents] Input is invalid. [Action] Enter correct data.
3213	I	FD COPY was completed. [Contents] FD COPY is completed. [Action] Click [OK}.

ID	Kind	Description
3247	I	Are you sure you want to continue this operation?
	[Contents]	Do you continue this operation?
	[Action]	To continue this operation, select [Yes]. If not, select [No].
3288	E	An internal error occurred due to insufficient resources.
	[Contents]	An internal error (insufficient resources) has occurred.
	[Action]	Terminate other unnecessary programs or reboot PC and retry.
3295	E	Some error has occurred in the DKC during the configuration change. Please exit this application, check the status of the DKC and retry this operation.
	[Contents]	An error has occurred in the DKC during the configuration change processing. Terminate this application, check the DKC status and retry this operation.
	[Action]	Terminate this application, check the DKC status and retry this operation.

ID	Kind	Description
3308	I	<p>DKC will be blocked after this test finishes. If you continue the test, an error will occur.</p> <p>After CUDG finishes, please shut down the Maintenance PC and then turn off the breaker of AC BOX of DKC.</p> <p>[Contents] The Storage System is blocked after executing this test. If you continue the test, an error occurs. After terminating CUDG, shut down the Maintenance PC and turn off the AC BOX breaker of the Storage System.</p> <p>[Action] After terminating CUDG, shut down the Maintenance PC and turn off the breaker of AC BOX of the Storage System. If you only turn off the power supply (PSOFF), the LED on CACHE P/K will remain lit.</p>
3309	E	<p>A configuration read error has occurred.</p> <p>[Contents] An configuration information acquisition error has occurred.</p> <p>[Action] Retry the operation.</p>
3332	E	<p>The type of the inserted Config media does not correspond to that of MPC Software. Please insert a correct Config media.</p> <p>[Contents] The type of the inserted Config media does not correspond to that of MPC Software. Insert the correct Config media.</p> <p>[Action] Insert the correct Config media and retry the same operation.</p>
3333	E	<p>An unknown error has occurred. Please retry this operation. If this message is displayed repeatedly, please execute FD Copy or AutoDump.</p> <p>[Contents] An unregistered error has occurred. Retry the operation. If this message is displayed repeatedly, execute FD Copy or Auto Dump.</p> <p>[Action] Retry the operation. If this message is displayed repeatedly, execute FD Copy or Auto Dump, and then contact the Technical Support Division.</p>
3351	I	<p>Data in the Config media will be overwritten due to this operation. Are you sure you want to continue?</p> <p>[Contents] If you continue this operation, the configuration information is overwritten and the data in the Config media is lost. Do you continue this operation?</p> <p>[Action] Select [Yes] to continue the processing. If not, select [No].</p>

ID	Kind	Description
3352	E	FTP transfer has failed. [Contents] FTP transfer failed. [Action] Click [OK].
3353	I	FTP transfer has ended successfully. [Contents] FTP transfer was successful. [Action] Click [OK].
3355	W	Data in the specified logical device may be lost due to this operation. You need the password to continue. [Contents] Data in the specified logical device may be lost due to this operation. You need the password to continue. [Action] Enter the password and click [OK].
3356	W	This operation will cause fatal damage to the storage system. All logical devices will be initialized. You need the password to continue. [Contents] This operation will cause fatal damage to the Storage System. All logical devices will be initialized. You need the password to continue. [Action] Enter the password and click [OK].
3357	W	This operation will cause fatal damage to the storage system. All data and configuration information will be initialized. You need the password to continue. [Contents] This operation will cause fatal damage to the Storage System. All data and configuration information will be initialized. You need the password to continue. [Action] Enter the password and click [OK].
3358	W	This operation will initialize and delete all pairs. You need the password to continue. [Contents] This operation will initialize and delete all pairs. You need the password to continue. [Action] Enter the password and click [OK].
3359	W	Please vary the drives off-line only whose emulation type will be changed. And enter a password to continue. [Contents] Vary the drives off-line only whose emulation type will be changed. And enter the password to continue. [Action] Enter the password and click [OK].

ID	Kind	Description
3360	W	Ask the technical support division about the appropriateness of this operation, and enter the password.
	[Contents]	Ask the Technical Support Division for the approval of this operation, and enter the password.
	[Action]	Enter the password and click [OK].
3361	W	This operation will turn the storage system off. You need the password to continue.
	[Contents]	This operation will turn the Storage System off. You need the password to continue.
	[Action]	Enter the password and click [OK].
3364	E	There is no compressed file (%s).
	[Contents]	There is no information collection file (%s).
	[Action]	Execute FDCOPY or AUTODUMP, and retry the operation.
3366	W	Performing this function without stopping I/O may block all of the LDEVs and lead to the system down. Verify the product serial number again. If the product serial number is correct, you can continue the processing. Do you want to continue?
	[Contents]	Performing this function without stopping I/O may block all of the LDEVs and lead to the system down. Check the product serial number again. If the product serial number is correct, you can continue the processing. Do you continue the processing?
	[Action]	Check the product serial number. If it is correct, select [Yes] to continue the processing. Otherwise, select [No] to cancel the processing.
3367	W	You cannot perform execution when I/O operations are performed from hosts. Are you sure I/O operations are stopped?
	[Contents]	You cannot execute this operation when the I/O operation is performed by the host. Is the I/O operation stopped?
	[Action]	If the I/O operation is performed, select [No]. If not, select [Yes].

ID	Kind	Description
3383	E	Configuration information could not be merged. Please reboot the Maintenance PC and then retry.
	[Contents]	Configuration information failed to be merged. Reboot the Maintenance PC, and then retry.
	[Action]	Reboot the Maintenance PC, and then retry.
3396	E	The processing for replacement has failed. Although the DKB is normal, the fibre path might be blocked.
	[Contents]	The processing for replacement failed. Although the DKB is normal, the fibre path may be blocked.
	[Action]	Solve the problem, and then retry replacement.
3430	I	After you select [Yes], you cannot cancel this operation. Are you sure you want to continue this operation? (Note) Do not remove the components when downgrading the system at this time.
	[Contents]	If you continue the operation, you cannot cancel the processing. Do you continue the processing? (Note) Do not remove the components when downgrading the system at this time.
	[Action]	To continue the processing, select [Yes]. If not, select [No].
3437	E	The PCB could not be restored because the PCB type was incorrect. Target PCB : %s
	[Contents]	The PCB could not be recovered because the PCB type was incorrect.
	[Action]	Check the PCB and click[OK].

ID	Kind	Description
3450	I	Do you want to save the Pin information to a file? You can save the Pin information by performing the Auto Dump operation.
	[Contents]	Do you output the Pin information to a file? You can collect the Pin information file by executing Auto Dump.
	[Action]	You can collect the Pin information file by executing Auto Dump.
3451	I	The Pin information was outputted to a file.
	[Contents]	The Pin information file output is completed.
	[Action]	Click [OK].
3459	W	The type of the inserted Config media does not correspond to the type of the MPC Software. Do you want to continue?
	[Contents]	The type of the inserted Config media does not correspond to the type of the MPC Software. Do you continue this processing?
	[Action]	To continue the processing, select [Yes]. If not, select [No].
3464	W	Shutdown has failed. Do you want to stop CUDG?
	[Contents]	Shutdown failed. Do you stop CUDG?
	[Action]	[Yes]: Stop CUDG. [No]: Load CUDG.

ID	Kind	Description
3470	I	<p>Confirm that you have already shut down the corresponding service or switched the service to the alternative node. Do you want to continue processing?</p> <p>[Contents] Check that the related service is switched to an alternate node or the service is stopped. Do you continue the work?</p> <p>[Action] To proceed the processing, select [Yes]. If not, select [No].</p>
3471	I	<p>Confirm that you have already varied off the concerned channel paths. Also confirm that you have already shut down the corresponding service or switched the service to the alternative node. Do you want to continue processing?</p> <p>[Contents] Check that the related channel paths are offline. Also check that the related service is switched to an alternate node or the service is stopped. Do you continue the work?</p> <p>[Action] To proceed the processing, select [Yes]. If not, select [No].</p>
3472	I	<p>Confirm that you have already shut down the corresponding connected host(s) or switched to the alternate channel path(s). Also confirm that you have already shut down the corresponding service or switched the service to the alternative node. Do you want to continue processing?</p> <p>[Contents] Check that the related channel path is switched to an alternate path or the host is stopped. Also check that the related service is switched to an alternate node or the service is stopped. Do you continue the work?</p> <p>[Action] To proceed the processing, select [Yes]. If not, select [No].</p>

ID	Kind	Description
3473	I	<p>Confirm that you have already varied off the concerned channel paths. Also confirm that you have already shut down the corresponding connected host(s) or switched to the alternate channel path(s). And confirm that you have already shut down the corresponding service or switched the service to the alternative node. Do you want to continue processing?</p> <p>[Contents] Check that the related channel path is offline. Also check that the related channel path is switched to an alternate path or the host is stopped. Then, check that the related service is switched to an alternate node or the service is stopped. Do you continue the work?</p> <p>[Action] To proceed the processing, select [Yes]. If not, select [No].</p>
3480	W	<p>The serial number of the inserted Config media does not correspond to the serial number of the DKC. Do you want to continue?</p> <p>[Contents] The serial number of the inserted Config media does not correspond to the serial number of the DKC. Do you continue this processing?</p> <p>[Action] To continue the processing, select [Yes]. If not, select [No].</p>
3582	I	<p>Restore finished. Please wait until the OS boots up.</p> <p>[Contents] The recovery processing is completed. Wait until the OS boots up.</p> <p>[Action] Press the [OK] button.</p>
3591	W	<p>NAS OS information could not be obtained. Although diagnosis can be performed, a problem may occur while the NAS OS is running. Do you want to continue processing?</p> <p>[Contents] The NAS OS information acquisition failed. Although diagnosis can be executed, a problem may occur while NAS OS is running. Do you continue the processing?</p> <p>[Action] To continue the processing, select [Yes]. If not, select [No].</p>

ID	Kind	Description
3607	W	There is a volume to which the Data Retention Utility setting is made. Do you want to stop this process? [Contents] There is a volume to which the Data Retention Utility setting is made. Do you suspend the processing? [Action] To terminate the processing, select [Yes]. To continue, select [No].
3608	W	The selected volume is the target volume of Data Retention Utility. Please delete the Data Retention Utility setting of the volume at first. [Contents] The selected volume is the target volume of Data Retention Utility. Delete the Data Retention Utility setting first, and then execute it. [Action] Delete the Data Retention Utility setting of the target volume.

ID	Kind	Description
3627	E	SM modules combination error. Refer to the maintenance manual(Installation section) and check mounting of SM modules.
	[Contents]	SM module combination error. Refer to the maintenance manual (INSTALLATION SECTION) and check the SM module installation.
	[Action]	Refer to the maintenance manual (INSTALLATION SECTION) and check the SM module installation.
3631	W	The maintenance object includes an external LU setting. Please delete the external LU setting, and then retry this operation.
	[Contents]	The maintenance target includes the external LU setting. Delete the external LU setting, and then retry the maintenance work.
	[Action]	Delete the external LU setting, and then retry this operation.
3632	W	The maintenance object includes the last path to the external LU. An alternate path to the external LU is required. You should add an alternate path or recover a blocked path. Do you want to stop this process?
	[Contents]	The maintenance target includes the last path of the external LU. An alternate path to the external LU is required. Add an alternate path or recover the blocked path. Do you suspend the processing?
	[Action]	To terminate the processing, select [Yes]. After that, add an alternate path or recover the blocked path, and then retry this operation. To continue the processing, select [No]. However, the external volume is blocked.
3654	E	The command was rejected, because the licensed capacity was exceeded.
	[Contents]	The setting process was rejected because the licensed capacity was exceeded.
	[Action]	Add the P.P.License.

ID	Kind	Description
3667	E	An error is detected in a path to an external LU. [Contents] The pass connected to the external LU is abnormal. [Action] Recover the path connected to the external LU. Then, issue the LDEV recovery instructions.
3676	E	Configuration information is incorrect. Please specify the correct configuration information media, and the correct drive. [Contents] The configuration information data is invalid. Specify the correct configuration information media and drive. [Action] Prepare the correct configuration information media and retry.
3677	E	The configuration information media is not inserted or the specified drive does not exist. Please insert the correct media or specify the correct drive. [Contents] The configuration information media is not inserted or the specified drive does not exist. [Action] Inter the correct media or specify the correct drive.
3678	E	The specified media is incorrect. Please format the media and then retry. [Contents] The specified media is invalid. Format the media and retry. [Action] Prepare a formatted media (FD) and retry the backup process.
3679	E	Configuration information could not be backed up. Please prepare the correct Config media or a formatted media, and then retry the operation. [Contents] Configuration backup failed. [Action] Prepare the correct Config media or formatted media, and then retry the operation.

ID	Kind	Description
3680	E	The backup data of configuration information does not exist in the hard disk of the Maintenance PC.
	[Contents]	The backup data of configuration information does not exist in the hard disk of the Maintenance PC.
	[Action]	Perform restoration processing from the configuration information media.
3681	E	Compression/decompression of configuration information failed.
	[Contents]	Compression/decompression of configuration information failed.
	[Action]	Retry the operation.
3683	I	Please select the Maintenance PC and insert a media.
	[Contents]	Select the Maintenance PC and insert a media.
	[Action]	Select the Maintenance PC and insert a media. If you select a client PC, you must also specify the drive where the media is inserted. You insert the media, you select [OK]. If you select [Cancel], the processing will stop.
3685	I	Restoration processing of configuration information will start. Please select the data for restoration.
	[Contents]	Restoration processing of configuration information will start. Please select the data for restoration.
	[Action]	Please select the data for restoration, and select [OK]. If you select [Cancel], the processing will stop.
3686	I	Backup processing of configuration information will start. Insert a media.
	[Contents]	The backup processing of the configuration information starts. Insert the media into the Maintenance PC.
	[Action]	Insert the media into the Maintenance PC. Select the drive in which the media is inserted and click [OK]. Selecting [Cancel] suspends the processing.

ID	Kind	Description
3695	E	Failed to restore the configuration information. Please insert the correct configuration information media. [Contents] Configuration information restoration failed. Insert the correct configuration information media. [Action] Prepare the correct configuration information media, and then retry.
3697	I	A setting of a machine installation date has ended successfully. [Contents] The machine installation date setting was successful. [Action] Click [OK].
3698	E	A setting of a machine installation date has failed. Please retry the setting from "Set Machine Install Date" of INSTALL after this processing ends. [Contents] The machine installation date setting failed. After terminating this processing, retry the setting from "Set Machine Install Date" of INSTALL. [Action] Retry the setting from "Set Machine Install Date" of INSTALL.
3699	I	The specified directory does not exist. Do you want to create it? [Contents] The specified directory does not exist. Do you create a new one? [Action] To continue the processing, select [Yes]. If not, select [No].

ID	Kind	Description
3700	I	Free space in the output destination drive is %sMB. Do you want to continue?
	[Contents]	Free space in the output destination drive is %sMB. Do you collect the information?
	[Action]	To continue the processing, select [Yes]. If not, select [No].
3701	I	Do you want to output the already gathered dumps, logs, history of Maintenance PC operations, and usage data to the target media without refreshing them?
	[Contents]	Do you output the already gathered dump information, log information, history of Maintenance PC operations and operation information without refreshing them?
	[Action]	To continue the processing, select [Yes]. If not, select [No].
3703	W	Nothing is entered into one or more items in FTP Transfer Detail. Please enter data and retry again.
	[Contents]	Items without any data exist in FTP Transfer Detail. Enter data and retry.
	[Action]	Items without any data exist in FTP Transfer Detail. Enter data and retry.
3704	E	The selected media type is invalid.
	[Contents]	The selected media type is invalid.
	[Action]	Select a media type other than HDD.
3705	W	The file to gather is not specified. Please select the Edit button and enter the files to gather from the Manual Edit dialog.
	[Contents]	Files to collect are not specified. Press the [Edit] button and enter files of the collection target in the "Manual Edit Dialog" window.
	[Action]	Press the [Edit] button and enter the collection target file from the "Manual Edit" dialog window.

ID	Kind	Description
3706	E	A file of the same name as the specified output directory exist. Please specify another output directory.
	[Contents]	A file of the same name as the specified output directory exists. Retry the output destination setting.
	[Action]	Retry the output destination setting.
3707	I	Dump was canceled.
	[Contents]	Dump is canceled.
	[Action]	Click [OK].
3708	I	Gathering information data was completed.
	[Contents]	Gathering information is completed.
	[Action]	Click [OK].
3709	E	Gathering information data has failed.
	[Contents]	Gathering information failed.
	[Action]	Check that the dump file is output. If the dump file is not output, the compression processing might be terminated due to the insufficient memory for the maintenance PC. Confirm the memory capacity in the maintenance PC, and then check whether the recommended memory capacity is installed. If more than the recommended memory capacity is installed, reboot the maintenance PC to check that applications other than MPC Software are not starting, and then reboot again. If the same phenomenon persists, replace the maintenance PC. If the same problems still occurs even after exchanged the maintenance PC, contact the Technical Support Division. In this case, collect the following files and those shown in (MPC05-240) manually. • C:\Mapp\wk\supervisor\dkc200\secruise\secruise.log • C:\Mapp\wk\xxxxyyyyyy\DKC200\mp\pc\TR32002E.TR (xxxx: DKC model name,yyyyyy: serial number)
3710	I	Gathering information data was canceled.
	[Contents]	Gathering information is canceled.
	[Action]	Click [OK].

ID	Kind	Description
3712	E	Restoring the PCB(s)(%)s has failed. Check the status and the error log and remove the problem. [Contents] The target PCB recovery terminated abnormally. Check the status in the "Maintenance" window and the error log in the "Information" window, and solve the problem. [Action] Check the status in the "Maintenance" window and the error log in the "Information" window, and solve the problem.
3713	E	The PCB(s)(%)s could not be restored because the PCB type is incorrect. [Contents] The PCBs cannot recover because the target PCB types differ. [Action] Check the PCB types and replace the PCBs.
3715	W	An error occurred with the target PCB(%s). Do you want to stop processing? [Contents] An error has occurred in the target PCB. Do you suspend the processing? [Action] To continue the processing, select [No]. If not, select [Yes].
3716	I	Do you want to block the PCB(s)(%)s? [Contents] Do you block the target PCBs? [Action] To continue the processing, select [Yes]. If not, select [No].

ID	Kind	Description
3737	I	The size of a memory module differs from the size defined in configuration information. According to configuration information, the memory module is %s. Actually, however, the memory module is %s. Please correct the setting.
	[Contents]	The size of the memory module differs from the size defined in the configuration information. Install a memory module whose size matches the size defined in the configuration information.
	[Action]	Install a memory module whose size matches the size defined in the configuration information because the size of the memory module differs from the size defined in the configuration information.
3743	W	Too many items are selected. Some of the items will be disregarded.
	[Contents]	Too many items are selected. Some of the items will be disregarded.
	[Action]	Check the selected items.
3745	I	After data is copied to the spare device, copy back will be performed. But when the copy back mode is set to “No Copy Back”, and when copying to the same capacity spare device, the copy back is not performed.
	[Contents]	After copying the data to the Spare Disk, copy back is executed. However, when the copy back mode is set to “No Copy Back” and copied to the Spare Disk of the same capacity, copy back is not executed.
	[Action]	Check the message and click [OK].
3749	E	Dump cannot be executed, because configuration information is incorrect.
	[Contents]	Dump cannot be executed because the configuration information is invalid.
	[Action]	Click [OK].

ID	Kind	Description
3768	W	Output to the client PC is failed. Do you want to specify the output destination in the client PC again?
	[Contents]	Output to the client PC failed. Do you retry setting the output destination in the client PC?
	[Action]	To retry setting, select [Yes]. If not, select [No].
3787	I	Since the error was detected from all MPs, processing stopped.
	[Contents]	Since the error was detected from all MPs, the processing stopped.
	[Action]	Check the SSB/Diagnosis logs.
3790	W	Cannot execute the maintenance because firmware update to write to the flash memory is in progress. Check the IMPL status window to confirm the writing to the flash memory is completed, and then retry. Do you want to stop this process?
	[Contents]	Maintenance is impossible because FM write is in execution after updating Firmware. Check that FM write is completed in the "IMPL Status" window, and then retry. Do you suspend the processing?
	[Action]	Check that FM write is completed in the "IMPL Status" window, and then retry.
3791	E	This part may be broken. Please replace this part with a new part and retry this operation.
	[Contents]	This part may be broker. Replace this part with a new part and retry this operation.
	[Action]	Replace this part with a new part and retry this operation.

ID	Kind	Description
3793	E	Due to heavy I/O load, this operation has been suppressed. Wait for a while, and then retry the operation.
	[Contents]	Due to heavy I/O load, this operation was inhibited. Wait for a while, and then retry the operation.
	[Action]	Wait for a while, and then retry the operation.
3795	I	Is the LED of the target PCB(%)s lit?
	[Contents]	Is the LED on the removal target PCB lit?
	[Action]	Select [Yes] if the LED is on.
3800	W	You cannot perform maintenance operations because the DKC is being powered off. Please wait until the DKC is powered off, and then power on the DKC. If powering off does not finish, please check the error log from the Information window and remove the error.
	[Contents]	You cannot perform the maintenance operation because the DKC is being powered off. Wait until the DKC is powered off, and then power on the DKC. If powering off is not completed, check the error log in the "Information" window and solve the problem.
	[Action]	Wait until the DKC is powered off, and then power on the DKC. If powering off is not completed, check the error log in the "Information" window and solve the problem.

ID	Kind	Description
3824	W	Devices to be maintained include journal volumes. Delete or suspend all pairs belonging to journal volumes to be maintained.
	[Contents]	Devices to be maintained include journal volumes. Delete or suspend all pairs belonging to journal volumes to be maintained.
	[Action]	Delete or suspend all pairs belonging to journal volumes to be maintained.
3825	W	Devices to be maintained include journal volumes. Delete all pairs and journal volumes that belong to journal volumes to be maintained.
	[Contents]	Devices to be maintained include journal volumes. Delete all pairs and journal volumes belonging to journal volumes to be maintained.
	[Action]	Delete all pairs and journal volumes belonging to journal volumes to be maintained.
3835	E	The media is incorrect. Please insert the correct Config media (No.%d).
	[Contents]	The media is invalid. Insert the correct Config media specified by No.%d.
	[Action]	Insert the correct Config media. Clicking [Cancel] suspends the processing.
3836	W	The configuration information file is divided. Please insert the Config media (No.%d).
	[Contents]	The configuration information file is divided. Insert the Config media (No.%d).
	[Action]	Insert the Config media of the specified number. Clicking [Cancel] suspends the processing.

ID	Kind	Description
3890	W	DCR information could not be obtained. Although diagnosis can be performed, a problem may occur during DCR prestaging. Do you want to continue processing?
	[Contents]	DCR information acquisition failed. Although diagnosis can be executed, a problem may occur during DCR prestaging. Do you continue the processing?
	[Action]	To continue the processing, select [Yes]. If not, select [No].
3891	W	Since DCR prestaging is in progress, diagnosis cannot be performed. Please wait for a while and then retry.
	[Contents]	Since DCR prestaging is in progress, diagnosis cannot be executed. Wait for a while, and then retry.
	[Action]	Click [OK].
3894	E	The operation is rejected because the SM Mapping Information differs from the configuration information. Please call the Technical Support Division.
	[Contents]	The operation is rejected because the SM mapping information does not match the configuration information. Contact the Technical Support Division.
	[Action]	Gather Auto Dump, and then contact the Technical Support Division.

ID	Kind	Description
3919	W	The Thin Image pairs are included in the items to be maintained. Delete the Thin Image pairs to be maintained.
	[Contents]	The maintenance target includes Thins Image pairs. Delete the Thin Image pairs to be maintained.
	[Action]	Delete the Thin Image pairs to be maintained.
3921	W	Are you sure you want to change the SM configuration information of the CUDG to be executed?
	[Contents]	Are you sure to change the SM configuration information of the CUDG to be executed?
	[Action]	[Yes]: Change the SM configuration information of the CUDG to be executed. [No]: Do not change the SM configuration information of the CUDG to be executed.
3923	W	Not supported by Auto Mode.
	[Contents]	Not supported by Auto Mode.
	[Action]	Execute it with a setting other than the current setting.

ID	Kind	Description
3924	W	The part for the voltage control is not specified. [Contents] The part for the voltage control is not selected. [Action] Select the part for the voltage control.
3925	W	Cannot execute Auto Mode. [Contents] Auto Mode cannot be executed. [Action] Close the CUDG4, CUDG5, LCDG4/FCDG4/PCDG4 and ACE/FACE windows.
3926	I	Are you sure you want to stop the Auto Mode? [Contents] Do you stop Auto Mode? [Action] [OK]: Stop Auto Mode. [Cancel]: Do not stop Auto Mode.
3927	I	There is an error in the event data. [Contents] There is an error in the event data. [Action] Correct the error in the event data.
3931	W	The setting of SM configuration information on %s exceeds %d Gbyte. Please set the SM configuration information to %d Gbyte or less, and change SM configuration information again. [Contents] The setting of the SM configuration information on %s exceeds %d Gbyte. Set the SM configuration information to %d Gbyte or less, and change the SM configuration information again. [Action] Set the SM configuration information less than or equal to the specified capacity.
3956	W	The remote command device is included in the items to be maintained. Remove the remote command device from the items to be maintained, and retry the operation. [Contents] The maintenance target includes the remote command device. Remove the remote command device from the maintenance target and retry. [Action] Remove the remote command device from the maintenance target and retry.

ID	Kind	Description
3976	I	A previously obtained dump file exists. Do you want to delete the file?
	[Contents]	Do you delete the dump file acquired by Logdump?
	[Action]	To delete the dump file, select [Yes]. If not, select [No].
3977	E	The free space of the HDD is less than 5GB. Please secure the free space of the HDD and start the operation.
	[Contents]	Insufficient HDD free space
	[Action]	Secure the free space of the HDD and start the operation.
3978	E	Failed to start Autodump.
	[Contents]	Autodump failed to start.
	[Action]	Contact the Technical Support Division.
3980	E	Please set a number from 1 to 100.
	[Contents]	Input is invalid.
	[Action]	Enter correct count.
3981	E	This code has already been set.
	[Contents]	The entered code is invalid.
	[Action]	Enter the correct code.
3982	E	The entered code is invalid.
	[Contents]	The entered code is invalid.
	[Action]	Enter the correct code.
3983	W	Logdump will be terminated. The setting will not be saved. Do you want to terminate Logdump?
	[Contents]	Logdump terminates.
	[Action]	To terminate Logdump, select [OK]. If not, select [Cancel].
3988	W	Are you sure you want to continue this operation?
	[Contents]	Are you sure to continue this operation?
	[Action]	To continue this operation, select [Yes]. If not, select [No].

ID	Kind	Description
4013	I	A password will be required to set Local Mode(154). Do you want to continue?
	[Contents]	A password is required to set Local Mode (154). Do you continue this processing?
	[Action]	To continue this processing, select [Yes]. If not, select [No].
4026	W	The devices to be maintained include the command devices used in the extended consistency group of Universal Replicator. Delete the journal group which uses the command devices to be maintained from the extended consistency group.
	[Contents]	The devices to be maintained include the command devices used in the extended consistency group of Universal Replicator. Delete the journal group which uses the command devices to be maintained from the extended consistency group.
	[Action]	Delete the journal group which uses the command devices to be maintained from the extended consistency group.
4028	W	The LDKC number contains invalid characters. Enter a correct LDKC number.
	[Contents]	The LDKC number contains invalid characters. Enter a correct LDKC number.
	[Action]	Enter correct data.
4029	W	The LDKC number is invalid. Enter a correct LDKC number.
	[Contents]	The LDKC number is invalid. Enter a correct LDKC number.
	[Action]	Enter correct data.

ID	Kind	Description
4031	I	Are you sure you want to change the configuration on Maintenance PC to a newly set configuration?
	[Contents]	Do you change the configuration information on the Maintenance PC to the newly set configuration?
	[Action]	Select [Yes] to change the configuration information on the Maintenance PC to the newly set configuration.
4033	E	The media is invalid. Insert the backup Config media.
	[Contents]	The media is invalid. Insert the backup Config media.
	[Action]	Insert the backup Config media.
4034	W	The backup data of configuration information cannot be stored in one floppy disk. Configuration information will be divided if you continue this operation. Do you want to continue this process?
	[Contents]	The backup data of configuration information cannot be stored in one floppy disk. Configuration information will be divided if you continue this operation. Do you continue this processing?
	[Action]	To continue the processing, select [Yes]. If not, select [No].
4035	E	Capacity is insufficient to store the backup data of the configuration information. Replace the backup media of configuration information.
	[Contents]	Capacity is insufficient to store the backup data of the configuration information. Replace the backup media of the configuration information.
	[Action]	Replace the backup media of the configuration information, and then retry the operation.
4036	I	Insert the next Config FD in the floppy disk drive.
	[Contents]	Insert the next Config FD into FDD.
	[Action]	Insert the next Config FD into FDD and click [OK].

ID	Kind	Description
4037	I	Remove the backup configuration information media. [Contents] Remove the backup configuration information media. [Action] Remove the backup configuration information media and click [OK].
4039	I	Select the Maintenance PC, and insert the firmware storage media. [Contents] Insert the firmware storage media into the Maintenance PC. [Action] Insert the media into the Maintenance PC. Select the drive in which the media is inserted and click [OK]. Clicking [Cancel] suspends the processing.
4040	I	Select the Maintenance PC and insert the key configuration information media or the backup configuration information media. [Contents] Select the Maintenance PC and insert the key configuration information media or the backup configuration information media. [Action] Select the Maintenance PC and insert a media. Specify the drive where the media is inserted as well, and click [OK]. Click [Cancel] to cancel the process.
4041	E	Failed to start the renewal processing. [Contents] The update process of the configuration information failed to start. [Action] Retry the operation. If the same message is output, contact the Technical Support Division.

ID	Kind	Description
4053	I	The following key codes were entered. Select [OK] when it is correct. %s
	[Contents]	The following key codes was entered. Click [OK] when it is correct. Model
	[Action]	Select [OK] to proceed the processing. Select [Cancel] to terminate the processing.
4054	E	The entered key code is invalid. Enter a correct key code.
	[Contents]	The entered key code is invalid. Enter a correct key code.
	[Action]	Select [OK] to display the "Re-entry" window. Select [Cancel] to suspend the processing.
4055	I	Enter the key code of the configuration information.
	[Contents]	Enter the key code of the configuration information.
	[Action]	Select [OK] to proceed the processing. Select [Cancel] to suspend the processing.

ID	Kind	Description
4058	I	Do you want to restore %s? [Contents] Do you execute the recovery? [Action] To continue this operation, select [Yes]. If not, select [No].
4059	E	You cannot perform maintenance on the MP because it is normal. [Contents] You cannot execute the maintenance because the target MP is normal. [Action] Check the status of the MP.
4060	W	The maintenance object includes the volume used as System Disk. Do you want to stop this process? [Contents] The maintenance target includes the volume used as a System Disk. Do you suspend the processing? [Action] To suspend this processing, select [Yes]. If not, select [No].
4061	I	The installation of configuration information is executed. Select the media to be installed, and select [OK]. [Contents] The configuration information is installed. Select the media to be installed, and click [OK]. [Action] Select [CD-R] to install the configuration information from CD-R. Select [Backup Config Media] to install the information from the backup configuration information media.

ID	Kind	Description
4066	W	<p>The Dynamic Provisioning volume associated with a pool is included in the items to be maintained.</p> <p>Release the association of the Dynamic Provisioning volume and the pool to be maintained.</p> <p>[Contents] The maintenance target includes the DP volume associated with a pool. Release the association of the pool and the DP volume to be maintained.</p> <p>[Action] Release the association of the pool and the DP VOL to be maintained.</p>
4067	W	<p>The volumes registered in a Dynamic Provisioning Pool Group are included in the items to be maintained.</p> <p>Delete the Dynamic Provisioning Pool Group that includes the items to be maintained.</p> <p>[Contents] The maintenance target includes volumes registered in the DP pool group. Delete the DP pool group including the maintenance target.</p> <p>[Action] Delete the DP pool group including the maintenance target.</p>
4068	W	<p>The pool volumes associated with the Dynamic Provisioning volume is included in the items to be maintained.</p> <p>Release the association of the pool volume and the Dynamic Provisioning volume included in the items to be maintained.</p> <p>[Contents] The maintenance target includes pool volumes associated with the DP volume. Release the association of the DP volume and the pool volumes to be maintained.</p> <p>[Action] Release the association of the DP volume and the pool volumes to be maintained.</p>
4084	E	<p>FTP transfer processing has failed because another FTP transfer is already being executed on background.</p> <p>Please wait for a few minutes, and retry only the FTP transfer from AutoDump.</p> <p>[Contents] FTP transfer processing failed because another FTP transfer is already being executed in the background. Wait for a few minutes and retry only the FTP transfer processing by AutoDump.</p> <p>[Action] Wait for a few minutes, select “No Gather” for Type of AutoDump and retry only the FTP transfer.</p>

ID	Kind	Description
4085	W	<p>Previous PDEV or LDEV installation (removal) has not finished yet. Please install(remove) the same PDEV or LDEV at first.</p> <p>[Contents] The previous PDEV or LDEV addition or removal is not completed yet. Execute the previous addition or removal first.</p> <p>[Action] Click [OK] and execute addition or removal of the previous PDEV or LDEV first.</p>
4086	E	<p>Dynamic Provisioning volumes which are not blocked are included in the Dynamic Provisioning volumes associated with the pool that the pool volume to be maintained belongs. Change the status of all the Dynamic Provisioning volumes associated with the pool that the pool volume to be maintained belongs to blocked.</p> <p>[Contents] DP volumes which are not blocked are included in the DP volumes associated with the pool that the pool volume to be maintained belongs. Change the status of all the DP volumes associated with the pool that the pool volume to be maintained belongs to blocked.</p> <p>[Action] Change the status of all the DP volumes associated with the pool that the pool volume to be maintained belongs to blocked.</p>
4087	E	<p>The format of the input spreadsheet is invalid. %s File:\ %s Line#: %s Field#: %s</p> <p>[Contents] The format of the input spreadsheet is invalid.</p> <p>[Action] Click [OK]. Correct the corresponding section, and retry the tool.</p>
4088	E	<p>The format of the input field is invalid. %s File:\ %s Line#: %s Field#: %s</p> <p>[Contents] The format of the input field is invalid.</p> <p>[Action] Click [OK]. Correct the corresponding section, and retry the tool.</p>
4089	E	<p>The format of the input record is invalid. %s File:\ %s Line#: %s Field#: %s</p> <p>[Contents] The format of the input record is invalid.</p> <p>[Action] Click [OK]. Correct the corresponding section, and retry the tool.</p>

ID	Kind	Description
4090	E	File I/O failed. %s File:\ %s Line#: %s Field#: %s [Contents] File I/O failed. [Action] Click [OK] and confirm the presence of the file.
4091	E	Memory allocation failed. %s File:\ %s Line#: %s Field#: %s [Contents] Memory allocation failed. [Action] Click [OK]. Terminate other unrelated applications, and then retry.
4092	E	The value is outside the range. %s File:\ %s Line#: %s Field#: %s [Contents] The value is outside the range. [Action] Click [OK]. Correct the corresponding section, and then retry the tool.
4093	E	The relationship between fields is invalid. %s File:\ %s Line#: %s Field#: %s [Contents] The relationship between fields is invalid. [Action] Click [OK]. Correct the corresponding section, and then retry the tool.
4094	E	The value is duplicated. %s File:\ %s Line#: %s Field#: %s [Contents] The value is duplicated. [Action] Click [OK]. Correct the corresponding section, and then retry the tool.
4095	E	Configuration information is inconsistent, %s File:\ %s Line#: %s Field#: %s [Contents] The configuration information is inconsistent. [Action] Click [OK]. Correct the corresponding section, and then retry the tool.

ID	Kind	Description
4096	E	Unknown error. Please Call the technical support division. %s File:\ %s Line#: %s Field#: %s [Contents] An unknown error. Contact the developer. [Action] An unknown error. Contact the developer.
4097	I	%s processing completed successfully. [Contents] The processing is completed normally. [Action] Click [OK].
4098	W	If you stop the task monitoring, the Maintenance PC needs to be rebooted to restart the monitoring. Do you want to stop the task monitoring? [Contents] A confirmation message to confirm whether to stop the task monitoring. [Action] Follow the message and select [Yes] or [No].

ID	Kind	Description
4132	W	<p>This maintenance operation may be timed out because there is much write pending data in cache.</p> <p>Please reduce the workload of the cache, and then retry the operation.</p> <p>Do you want to stop this process?</p>
	[Contents]	<p>The maintenance operation may be timed out because much write pending data exists on the Cache.</p> <p>Reduce the load of the Cache, and then retry the operation.</p> <p>Do you suspend the processing?</p>
	[Action]	<p>Reduce the load of the Cache, and then retry the operation.</p> <p>To suspend this processing, select [Yes].</p> <p>To continue, select [No].</p>
4133	E	<p>The Dynamic Provisioning volume cannot be maintained, because the items to be maintained include the Dynamic Provisioning volumes, and there is the blocked pool.</p> <p>Restore the blocked pool first.</p>
	[Contents]	<p>The DP volume cannot be maintained because the maintenance target includes the DP volumes and there is the blocked pool.</p> <p>Recover the blocked pool first.</p>
	[Action]	<p>Recover the blocked pool VOL in the “Maintenance” window. Then, recover the blocked pool by the Dynamic Provisioning function.</p>
4145	E	<p>The maintenance target includes the System Disk being used by Quick Format.</p>
	[Contents]	<p>The maintenance target includes the System Disk being used by Quick Format.</p>
	[Action]	<p>Check whether Quick Format is completed, and then retry the operation.</p>

ID	Kind	Description
4150	I	Do you want to turn off Mode 31 Information Gathering? [Contents] Do you cancel the local mode 31 of the information gathering? [Action] Click [Yes] to cancel the local mode 31 of the information gathering.
4151	E	Failed to refer to Mode 31 Information Gathering. [Contents] The local mode 31 of the information gathering failed to be referred to. [Action] Click [OK]. When the local mode 31 of the information gathering is enabled, cancel it.
4152	E	Mode 31 Information Gathering cannot be turned off. [Contents] The local mode 31 of the information gathering cannot be canceled. [Action] Click [OK]. When the local mode 31 of the information gathering is enabled, cancel it.

ID	Kind	Description
4165	W	Invalid character in %s area. Please input a valid value. [Contents] The character entered in the %s area is invalid. [Action] Enter a correct value.
4167	E	A logical error occurred. Please collect one-touch dump, and call the Technical Support Division. [Contents] A logical error has occurred. [Action] Gather a one-touch dump and contact the Technical Support Division.
4168	I	A password is required to set this Local Mode. Do you want to continue? [Contents] A password is required to set this Local Mode. [Action] To continue this processing, select [Yes]. If not, select [No].
4169	W	If you want to change this Local Mode, permission from the Technical Support Division is required. If you already have the permission, select [Yes]. [Contents] To change this Local Mode, the permission from the Technical Support Division is required. [Action] Select [Yes] if the permission is obtained from the Technical Support Division. If not, select [No].
4179	E	The device to be maintained includes M-VOLs. Specify the LDEVs other than M-VOL and retry the operation. [Contents] The maintenance target includes M-VOL. Specify the LDEVs other than M-VOL and retry the operation. [Action] Specify the LDEVs other than M-VOL and retry the operation.

ID	Kind	Description
4185	W	The configuration changing processes are conflicting at DKC. Check if the configuration changing process by RAID Manager, Volume Migration or Quick Restore is not in the operation, then retry the operation.
	[Contents]	The configuration changing processing is conflicting at DKC. Check if the configuration changing processing by RAID Manager (Command Control Interface (CCI)), Volume Migration or Quick Restore is not in the operation, and then retry the operation.
	[Action]	Check if the configuration changing processing by Command Control Interface (CCI), Volume Migration or Quick Restore is not in the operation, and then retry the operation.
4187	W	[Cancel] was selected. Are you sure you want to quit this process?
	[Contents]	[Cancel] was pressed. Are you sure to terminate the processing?
	[Action]	[YES]: When it is MP installation, re-install after the operation of remove and insert the subject PCBs of maintaining. When it is initial installation, retry the initial installation processing from the beginning. [NO]: It continues the maintenance processing.
4188	W	You cannot operate with different drive types of the threshold management by selecting them at the same time.
	[Contents]	You cannot operate with different drive types of the threshold management by selecting them at the same time.
	[Action]	Select the drive that matches drive types when you select them at the same time.
4194	E	Remote command devices being used in the mirror of the journal group is included in the items to be maintained. Release the remote command devices to be maintained from the allocation for the mirror of the journal group.
	[Contents]	Remote command devices being used in the mirror of the journal group is included in the items to be maintained. Release the remote command devices to be maintained from the allocation for the mirror of the journal group.
	[Action]	Release the remote command devices to be maintained from the allocation for the mirror of the journal group.

ID	Kind	Description
4198	W	<p>You cannot perform the maintenance operations, because PDEV Erase is being proceeded.</p> <p>Wait until the process of PDEV Erase is completed, or quit that process, and then retry the operation.</p> <p>Do you want to stop this operation?</p> <p>[Contents] You cannot perform the maintenance operation because PDEV Erase is being proceeded.</p> <p>Wait until the PDEV Erase operation is completed or suspend it, and then retry.</p> <p>[Action] Wait until the PDEV Erase operation is completed or suspend it, and then retry. Refer to the THEORY OF OPERATION SECTION “2.7 PDEV Erase” for the judgment of completion or the interruption method of the PDEV Erase operation.</p>
4214	E	<p>Failed to transfer the configuration information to DKC.</p> <p>[Contents] Configuration information transfer to DKC failed.</p> <p>[Action] Click [OK].</p>
4231	E	<p>LogdumpServ is not running. Wait for a while, and then retry the operation.</p> <p>[Contents] LogdumpServ is not running. Wait for a while, and then retry the operation.</p> <p>[Action] Wait for a while, and then retry the operation.</p>
4241	W	<p>An internal configuration is being changed. Wait for a while, and then retry the operation.</p> <p>[Contents] The internal configuration is being changed. Wait for a while, and then retry the operation.</p> <p>[Action] Click [OK].</p> <p>Wait for a while, and then retry the operation.</p>
4250	W	<p>The user name or password is incorrect or you do not have a permission to log in.</p> <p>[Contents] The user name or password is incorrect or you do not have a permission to log in.</p> <p>[Action] Enter a correct user name and password of a user that has a permission to log in.</p>

ID	Kind	Description
4262	I	<p>A battery whose charge capacity is less than 50% is in the system. If there is a battery problem on the battery, replace it. If there is no battery problem on the battery, wait the operation until the charge capacity of the battery becomes 50% or more (maximum 135 min.). Do you want to stop this process?</p> <p>[Contents] A battery whose charge capacity is less than 50% is in the system. If there is a battery problem on the battery, replace it. If there is no battery problem on the battery, wait the operation until the charge capacity of the battery becomes 50% or more (maximum: 135 min.). Do you suspend this processing?</p> <p>[Action] A battery whose charge capacity is less than 50% is in the system. If there is a battery problem on the battery, replace it. If there is no battery problem on the battery, wait the operation until the charge capacity of the battery becomes 50% or more (maximum: 135 min.). To suspend this processing, select [Yes].</p>
4269	I	<p>The CFM size does not match the one defined in the configuration information. The CFM size shown in the configuration information is %s, but the actual CFM size is %s. Set the size correctly.</p> <p>[Contents] The CFM size does not match the one defined in the configuration information. The CFM size shown in the configuration information is %s, but the actual CFM size is %s. Set the size correctly.</p> <p>[Action] Because the CFM size does not match between the actual size and the size defined in the configuration information, install another CFM that matches its size with the one defined in the configuration information.</p>
4270	W	<p>To prevent serious failures caused by the static electrical charge, be sure to wear a wrist strap on your wrist and connect the earth clip attached on the other side of the wrist strap to the chassis frame (metal part) before starting operation.</p> <p>[Contents] To prevent serious failures caused by the static electrical charge, be sure to wear a wrist strap on your wrist and connect the earth clip attached on the other side of the wrist strap to the Storage System frame (metal part) before starting the operation.</p> <p>[Action] Click [OK].</p>

ID	Kind	Description
4271	I	Did you put on a wrist strap on your wrist?
	[Contents]	Did you put on a wrist strap on your wrist?
	[Action]	Select [Yes] to perform the maintenance. Select [No] to terminate the processing.
4275	W	This operation cannot be executed, because the wrist strap has not been worn. Do you want to stop this process?
		[Yes]: This processing will be stopped. [No]: The confirming message will appear.
	[Contents]	This operation cannot be executed because the wrist strap has not been worn. Do you suspend the processing?
		[Yes]: Suspend the processing. [No]: Return to the confirmation message.
	[Action]	If you stop this process, select [Yes]. If not, select [No].
4276	E	The MPC Software mode was forcibly changed to the View mode because Maintenance PC or DKC is busy.
		Check whether the resource is unlocked or not.
	[Contents]	The MPC Software mode was forcibly changed to the View mode because Maintenance PC or DKC is busy.
		Check whether the resource is unlocked or not.
	[Action]	Check whether the resource is unlocked or not.
4277	E	Failed to change the MPC Software mode because another user was in operation.
		Check the processing being operated by the user.
	[Contents]	Failed to change the MPC Software mode because another user was in operation.
		Check the processing being operated by the user.
	[Action]	Check the processing being operated by the user.

ID	Kind	Description
4278	I	<p>Turn off the storage system. Confirm the power LED on the Controller Chassis is amber and turn on the storage system. If the CE mode is enabled at that time, disable the CE mode before turning on the storage system. Confirm the power LED on the Controller Chassis is green and select [OK].</p> <p>[Contents] Turn off the Storage System. Confirm the power LED on Controller Chassis is amber and turn on the Storage System. If the CE mode is enabled at that time, disable the CE mode before turning on the Storage System. Confirm the power LED on the Controller Chassis is green and click [OK].</p> <p>[Action] Turn off the Storage System. Confirm the power LED on the Controller Chassis is amber and turn on the Storage System. If the CE mode is enabled at that time, disable the CE mode before turning on the Storage System. Confirm the power LED on the Controller Chassis is green and click [OK].</p>
4279	I	<p>This operation requires the storage system running in the CE mode. Check status of the storage system. Select [Yes] when the storage system is already running in the CE mode. Select [No] when the storage system is not running in the CE mode or if you execute without a switch setting of the CE mode.</p> <p>[Contents] This operation requires the Storage System running in the CE mode. Check the status of the Storage System. [Yes]: The Storage System is already running in the CE mode. [No]: The Storage System is not running in the CE mode or executed without a switch setting of the CE mode.</p> <p>[Action] Select [Yes] when the Storage System is already running in the CE mode. Select [No] when the Storage System is not running in the CE mode or executed without a switch setting of the CE mode.</p>

ID	Kind	Description
4281	E	<p>Failed to read the configuration information because the configuration was being changed on DKC side. Please wait for the configuration change (such as CLI and Swap) to be completed or for a while, then retry the operation.</p> <p>[Contents] Reading the configuration information failed because the configuration is being changed (such as CLI/Swap) on the DKC side Wait until the configuration change (such as CLI and Swap) is completed or retry the operation after a while.</p> <p>[Action] Wait until the configuration change (such as CLI and Swap) is completed or retry the operation after a while.</p>
4282	E	<p>Failed to change the MPC Software mode due to unlock process failure. Check that the communication error has not occurred between MPC and DKC, and then retry the operation. If this status is still unrecoverable, reboot the Maintenance PC.</p> <p>[Contents] The MPC software mode change failed due to an unlock process failure. Check that the communication error has not occurred between MPC and DKC, and then retry the operation. If this status is still unrecoverable, reboot the Maintenance PC.</p> <p>[Action] Check that the communication error has not occurred between MPC and DKC, and then retry the operation. If this status is still unrecoverable, reboot the Maintenance PC.</p>
4283	W	<p>The available maintenance operations are limited due to lock process failure. If you want to make all the maintenance operations operable, check that the communication error has not occurred between MPC and DKC, and then retry the operation. If this status is still unrecoverable, reboot the Maintenance PC.</p> <p>[Contents] The available maintenance operation is limited due to a lock process failure. If you make all the maintenance operations operable, check that the communication error has not occurred between MPC and DKC, and then retry the operation. If this status is still unrecoverable, reboot the Maintenance PC.</p> <p>[Action] If you make all the maintenance operations operable, check that the communication error has not occurred between MPC and DKC, and then retry the operation. If this status is still unrecoverable, reboot the Maintenance PC.</p>

ID	Kind	Description
4284	I	<p>Turn off the storage system. Confirm the power LED on the Controller Chassis is amber to turn on the storage system. Select [OK] after the work completion.</p> <p>[Contents] Turn off the Storage System. Confirm the power LED on the Controller Chassis is amber to turn on the Storage System. Click [OK] after the work completion.</p> <p>[Action] Turn off the Storage System. Confirm the power LED on the Controller Chassis is amber to turn on the Storage System. Click [OK] after the work completion.</p>
4289	W	<p>This operation may affect I/O processing because there is much write pending data in the cache. Reduce the workload of the cache, and then retry the operation. Do you want to stop this process?</p> <p>[Contents] This operation may affect I/O process because much write pending data exists in the Cache. Reduce the load of the Cache, and then retry the operation. Do you suspend the processing?</p> <p>[Action] Lower Cache Write Pending Rate [%] to less than 40% for all combinations of MPU and CLPR, and then retry the operation. To terminate this processing, select [Yes]. To continue, select [No].</p>
4293	E	<p>The Dynamic Provisioning volume cannot be maintained, because the items to be maintained include the Dynamic Provisioning volumes, and there is the blocked Pool-VOL. Restore the blocked Pool-VOL first.</p> <p>[Contents] The Dynamic Provisioning volume cannot be maintained, because the items to be maintained include the Dynamic Provisioning volumes, and there is the blocked Pool-VOL. Recover the blocked Pool-VOL first.</p> <p>[Action] Recover the blocked Pool-VOL first.</p>

ID	Kind	Description
4312	W	Failed to set the Battery Life Warning SIM. After completing the operation, set the Battery Life Warning SIM again from the install window.
	[Contents]	The Battery Life Warning SIM setting failed. After completing the operation, set the Battery Life Warning SIM again from the “install” window.
	[Action]	After completing the operation, set the Battery Life Warning SIM again from the “install” window.
4321	E	Restoring LDEV cannot be done because the volume where LDEV format is not executed is included in the LDEV to be maintained.
	[Contents]	LDEV is not recoverable because the maintenance target LDEV includes the volume where LDEV format is not executed.
	[Action]	Perform LDEV format or quick format for the volume where LDEV format is not executed or for the volume where the journal volume definition is released.
4323	E	An external volume mapped for the online data migration process is included in the target to be maintained. Execute the operation by specifying a volume other than the external volume mapped for the online data migration process.
	[Contents]	The maintenance target include an external volume mapped for the online data migration process. Execute the operation by specifying a volume other than the external volume mapped for the online data migration process.
	[Action]	Specify a volume other than the external volume mapped for the online data migration process in consult with customer, and then retry the operation.

ID	Kind	Description
4330	E	<p>The specified backup data of the configuration information includes a part where the status is in maintenance. Specify the backup data not included any part where the status is in maintenance, and then retry the operation.</p> <p>[Contents] The specified backup data of the configuration information includes a part where the status is in maintenance. Specify the backup data not included any part where the status is in maintenance, and then retry the operation.</p> <p>[Action] Specify the backup data not included any part where the status is in maintenance, and then retry the operation.</p>
4338	I	<p>Select the Maintenance PC, and then select the drive to output DUMP information. After selecting the drive, select [OK].</p> <p>[Contents] Select the Maintenance PC, and then select the drive to output DUMP information. After selecting the drive, click [OK].</p> <p>[Action] Select the Maintenance PC, and then select the drive to output DUMP information. After selecting the drive, click [OK].</p>
4339	E	<p>The operation failed because the dump file is being collected. Wait until the dump file collection is complete, and then retry the operation.</p> <p>[Contents] The operation failed because the dump file is being collected. Wait until the dump file collection is completed, and then retry the operation.</p> <p>[Action] The operation failed because the dump file is being collected. Wait until the dump file collection is completed, and then retry the operation.</p>

ID	Kind	Description
4342	I	This operation enables the local key generation to the encrypting key. Do you want to continue?
	[Contents]	This operation enables the local key generation to the encrypting key. Do you continue the processing?
	[Action]	This operation enables the local key generation to the encrypting key. To continue the processing, select [Yes]. If not, select [No].
4343	W	You cannot perform this function from the VIEW mode. Perform it again after changing the MPC software mode to Modify.
	[Contents]	You cannot execute this function in the View mode. Perform it again after changing the MPC software mode to Modify.
	[Action]	You cannot execute this function in the View mode. Perform it again after changing the MPC software mode to Modify.
4344	E	Failed to enable the local key generation to the encryption key.
	[Contents]	Enabling the local key generation to the encryption key failed.
	[Action]	Enabling the local key generation to the encryption key failed. Contact the Technical Support Division.
4347	W	The port number contains invalid characters. Enter a correct port number.
	[Contents]	The port number contains invalid characters.
	[Action]	Enter a correct port number.
4348	W	No data (Port) is entered. Enter correct data.
	[Contents]	No data (Port) is entered.
	[Action]	Enter correct data.

ID	Kind	Description
4350	I	<p>The information of DP-VOL implementation or the progressing status of quick format is included in backup data of the specified configuration information.</p> <p>Do you want to take over the DP-VOL data or the progressing status of quick format?</p> <p>[Contents] The backup data of the specified configuration information includes the DP-VOL installation or quick format status.</p> <p>Do you take over the DP-VOL data or quick format status?</p> <p>[Action] The backup data of the specified configuration information includes the DP-VOL installation or quick format status.</p> <p>To take over the DP-VOL data or the quick format status, select [Yes].</p> <p>If not, select [No].</p>
4351	W	<p>The information of DP-VOL implementation or the progressing status of quick format is included.</p> <p>When you continue the operation, DP-VOL data or the progressing status of quick format is initialized.</p> <p>Do you want to continue this operation?</p> <p>[Contents] The DP-VOL installation or quick format status is included.</p> <p>If you continue the operation, the data or quick format status is initialized.</p> <p>To continue the processing, select [Yes].</p> <p>If not, select [No].</p> <p>[Action] The DP-VOL installation or quick format status is included.</p> <p>If you continue the operation, the data or quick format status is initialized.</p> <p>To continue the processing, select [Yes].</p> <p>If not, select [No].</p>
4352	W	<p>Backup data of the specified configuration information includes blocked parts in the controller boards. (%s)</p> <p>The controller boards must be removed when starting up the storage system.</p> <p>Remove all displayed controller boards. Select [OK] after the removal work completion.</p> <p>[Contents] Backup data of the specified configuration information includes blocked parts in the controller boards.</p> <p>The Controller Boards must be removed when starting up the Storage System. Remove all the displayed Controller Boards.</p> <p>Click [OK] after completing the removal work.</p> <p>[Action] Backup data of the specified configuration information includes blocked parts in the controller boards.</p> <p>The Controller Boards must be removed when starting up the Storage System. Remove all the displayed Controller Boards.</p> <p>Click [OK] after completing the removal work.</p>

ID	Kind	Description
4353	E	The storage system cannot be recovered with the specified configuration information due to blocked controller boards (CTL1, CTL2). The process is stopped.
	[Contents]	The storage system cannot be recovered with the specified configuration information due to blocked controller boards (CTL1, CTL2). The processing is suspended.
	[Action]	The Storage System cannot be recovered with the specified configuration information due to blocked controller boards (CTL1, CTL2). The processing is suspended. Contact the Technical Support Division.
4359	W	The backup data of the specified configuration information includes blocked HDDs. Those HDDs must be removed when starting up the storage system. Remove all the HDDs displayed on the window, and then select [OK].
	[Contents]	The backup data of the specified configuration information includes blocked HDDs. Those HDDs must be removed when starting up the Storage System. Remove all the HDDs displayed on the window, and then click [OK].
	[Action]	The backup data of the specified configuration information includes blocked HDDs. Those HDDs must be removed when starting up the Storage System. Remove all the HDDs displayed on the window, and then click [OK].
4361	W	An error occurred while changing the threshold value. Reboot the Maintenance PC, and retry the operation.
	[Contents]	An error has occurred while changing the threshold value.
	[Action]	An error has occurred while changing the threshold value. Reboot the Maintenance PC, and retry this operation. If this problem persists, contact the Technical Support Division.

ID	Kind	Description
4362	E	Mutual exclusive error has occurred when referring to the configuration information. Wait for a while, and then retry the operation.
	[Contents]	Mutual exclusive error has occurred when referring to the configuration information.
	[Action]	Wait for a while, and then retry the operation (about 10 minutes).
4363	W	When the CU to have SSID change is used by True Copy, the status management of True Copy may fail. Confirm the CU used by True Copy at first. Do you want to stop the process?
	[Contents]	When the CU to have SSID change is used by True Copy, the status management of True Copy may fail. Confirm the CU used by True Copy at first. Do you stop the process?
	[Action]	Check the CU used by True Copy. When the CU is not used by True Copy or the CU is used by the open volume only, continue the process. When the CU is used by other than the open volume, discuss with the customer to delete pairs of True Copy of the mainframe volume and multi platform volume, and the RCU on the CU basis. And then retry the process.
4364	W	The configuration information cannot be checked because “NEW Installation” is in progress. Stop “NEW Installation”, and then select [Refresh].
	[Contents]	The configuration information cannot be checked because “NEW Installation” is in progress.
	[Action]	Stop “NEW Installation” and then select [Refresh].
4365	W	The configuration information cannot be updated because “New Installation” is in progress. Stop “New Installation”, and then try it again.
	[Contents]	The configuration information cannot be updated because “New Installation” is in progress.
	[Action]	The configuration information cannot be updated because “New Installation” is in progress. Stop “New Installation”, and then retry the operation.
4366	W	NEW Installation cannot be executed because the configuration information is being loaded. After loading the configuration information, retry the process.
	[Contents]	NEW Installation cannot be executed because the configuration information is being read.
	[Action]	NEW Installation cannot be executed because the configuration information is being loaded. After loading the configuration information, retry the processing.

ID	Kind	Description
4420	I	<p>This operation will block the CHB(s) of Cluster-%d. Confirm that you have already shut down the corresponding connected host(s) or switched to the alternate channel path(s) for all HOST connected to this CHB(s). Do you want to continue processing?</p> <p>[Contents] This operation will block the CHB(s) of Cluster-%d. Confirm that you have already shut down the corresponding connected host(s) or switched to the alternate channel path(s) for all HOST connected to this CHB(s). Do you continue the work?</p> <p>[Action] To continue the processing, select [Yes]. If not, select [No].</p>
4421	I	<p>This operation will block the CHBs of Cluster-1 and Cluster-2 alternately. Confirm that you have already shut down the corresponding connected host(s) or switched to the alternate channel path(s) for all HOST connected to this CHBs. Do you want to continue processing?</p> <p>[Contents] This operation will block the CHBs of Cluster-1 and Cluster-2 alternately. Confirm that you have already shut down the corresponding connected host(s) or switched to the alternate channel path(s) for all HOST connected to this CHBs. Do you continue the work?</p> <p>[Action] To continue the processing, select [Yes]. If not, select [No].</p>
4422	W	<p>The currently running maintenance operation removes the shared memory used by the Universal Replicator. Delete all the journal groups.</p> <p>[Contents] The currently running maintenance operation removes the shared memory used by the Universal Replicator. Delete all the journal groups.</p> <p>[Action] Delete all the journal groups.</p>

ID	Kind	Description
4423	I	In alternate path configuration, switch the channel path connected to the cluster-%d to the alternate path and then click [OK].
	[Contents]	In alternate path configuration, switch the channel path connected to the cluster-%d to the alternate path, and then click [OK].
	[Action]	In alternate path configuration, switch the channel path connected to the cluster-%d to the alternate path, and then click [OK].
4425	W	Data copying processing such as the Correction Copy is being performed to the HDD for diagnosis. Diagnose the HDD again after the copying processing is complete.
	[Contents]	Data copying processing such as the Correction Copy is being performed to the HDD for diagnosis. Diagnose the HDD again after the copying processing is completed.
	[Action]	Check if the data copying processing is being executed to HDD for diagnosis from the maintenance window. If the copying processing is in operation, diagnose the HDD again after the processing is completed.

ID	Kind	Description
4430	W	Restarting DB power resumption processing failed. Perform dummy replacement of the ENC or the DKB. If this message still appears after performing the dummy replacement three times, contact the Technical Support Division.
	[Contents]	Restarting DB power resumption processing failed. Perform dummy replacement of the ENC or the DKB. If this message is still displayed after performing the dummy replacement three times, contact the Technical Support Division.
	[Action]	Perform dummy replacement of the ENC or the DKB. If this message is still displayed after performing the dummy replacement three times, contact the Technical Support Division.
4431	I	The operation that refers to the state of DKB is complete.
	[Contents]	The operation that refers to the status of DKB is completed.
	[Action]	Refer to the SSB log.
4432	E	SAS-CON that failed to refer to the state exists.
	[Contents]	SAS-CON that failed to refer to the state exists.
	[Action]	Refer to the SSB log.
4433	I	The operation that refers to the state is not performed due to no installed DKB.
	[Contents]	The operation that refers to the status is not performed due to no installed DKB.
	[Action]	Click [OK] and stop the processing.
4435	W	Failed to perform an internal backup of the encryption key. Verify the status in the Maintenance window and the logs in the Information window, and then solve the problem. Perform an external backup of the encryption key when the problem is solved.
	[Contents]	An internal backup of the encryption key failed. The Flash Memory may be damaged. Check the status in the "Maintenance" window and logs in the "Information" window, and then solve the problem. Perform an external backup of the encryption key when the problem is solved.
	[Action]	An internal backup of the encryption key failed. The Flash Memory may be damaged. Check the status in the "Maintenance" window and logs in the "Information" window, and then solve the problem. Perform an external backup of the encryption key when the problem is solved.

ID	Kind	Description
4440	W	The setting for disabling the local key generation to the encryption key is not configured.
	[Contents]	The setting for disabling the local key generation to the encryption key is not configured.
	[Action]	None
4466	I	The displayed CTLs are the ones in the CE mode. Confirm that all CTLs are displayed. [CTLs in the CE mode] %s
	[Contents]	<p>When all CTLs are displayed, select [Yes] to continue the processing. When all CTLs are not displayed, select [No] to terminate the processing, and retry the NEW Installation after waiting for 20 minute. (changing to the CE mode takes maximum 20 minutes after powered on.) When all CTLs are not displayed after the retry, see the TROUBLESHOOTING SECTION of Maintenance Manual to take necessary actions.</p> <p>Confirm that all CTLs are displayed. When all CTLs are displayed, select [Yes] to continue the processing. When all CTLs are not displayed, select [No] to terminate the processing, and retry the NEW Installation after waiting for 20 minute. (changing to the CE mode takes maximum 20 minutes after powered on.) When all CTLs are not displayed after the retry, see the TROUBLESHOOTING SECTION of Maintenance Manual to take necessary actions.</p>
	[Action]	<p>When all CTLs are displayed, select [Yes] to continue the processing. When all CTLs are not displayed, select [No] to terminate the processing, and retry the NEW Installation after waiting for 20 minute. When all CTLs are not displayed after the retry, see the TROUBLESHOOTING SECTION “3.54 Recovery Procedure When the Initial Installation Fails” to take necessary actions.</p>

ID	Kind	Description
4467	W	<p>There is a CTL that is not in the CE mode. (%s)</p> <p>-Confirm status of the storage system. (Recheck the CE mode. Changing to the CE mode may take about 5 to 60 minutes at the maximum after turning on the storage system.) Do you want to continue? Select [Yes] to recheck the CE mode. Select [No] to stop the process.</p> <p>[Contents] There is a CTL that is not in the CE mode. • Confirm that the Storage System is turned on (recheck the CE mode. Changing to the CE mode may take about 5 to 60 minutes at the maximum after turning on the Storage System). Do you continue the processing? Select [Yes] to recheck the CE mode. Select [No] to terminate this processing.</p> <p>[Action] • Confirm that the Storage System is turned on (recheck the CE mode. Changing to the CE mode may take about 5 to 60 minutes at the maximum after turning on the Storage System). Select [Yes] to continue the process. Select [No] to terminate this processing.</p>
4468	E	<p>Failed to perform the verification of CE mode. Reboot the Maintenance PC, and then retry the operation. If this problem persists, contact the Technical Support Division.</p> <p>[Contents] CE mode check failed. Reboot the Maintenance PC, and then retry the operation. If this problem persists, contact the Technical Support Division.</p> <p>[Action] CE mode check failed. Reboot the Maintenance PC, and then retry the operation. If this problem persists, contact the Technical Support Division.</p>

ID	Kind	Description
4470	E	<p>There is no CTL in the CE mode. Check status of the storage system. - Confirm the CE mode is enabled. - Confirm the storage system is powered on (changing to the CE mode may take about up to 5 minutes after powered on). After checking it, please retry the process.</p> <p>[Contents] There is no CTL in the CE mode. Check status of the storage system. • Confirm the CE mode is enabled. • Confirm the storage system is powered on (changing to the CE mode may take about up to 5 minutes after powered on). After checking it, please retry the process.</p> <p>[Action] • Confirm the CE mode is enabled. • Confirm the storage system is powered on (changing to the CE mode may take about up to 5 minutes after powered on). After checking it, please retry the process.</p>
4481	E	<p>This storage system is used by global-active device. Release all of the quorum disks, and then retry the operation.</p> <p>[Contents] This Storage System is used by the global-active device. Delete all the Quorum disks, and then retry the operation.</p> <p>[Action] Delete all the Quorum disks, and then retry the operation.</p>
4482	E	<p>The devices to be maintained contain a global-active device pair. Delete the global-active device pair.</p> <p>[Contents] The devices to be maintained contain a global-active device pair. Delete the global-active device pair.</p> <p>[Action] Delete the global-active device pair.</p>
4483	W	<p>The devices to be maintained contain a global-active device pair. Delete the global-active device pair from the MCU.</p> <p>[Contents] The devices to be maintained contain a global-active device pair. Delete the global-active device pair from the MCU.</p> <p>[Action] Delete the global-active device pair from the MCU, and then retry the maintenance operation.</p>

ID	Kind	Description
4484	W	<p>Global-active device is in the initial copy or update copy process. Wait until the initial copy or update copy process is complete, or suspend or delete the global-active device pair. Do you want to stop this process?</p> <p>[Contents] Global-active device is in the initial copy or update copy process. Wait until the initial copy or update copy process is completed, or suspend or delete the global-active device pair. Do you stop this processing?</p> <p>[Action] [Yes]: Terminate the processing. Wait until the initial copy or update copy process is completed or suspend or delete the global-active device pair, and then retry the maintenance processing. [No]: Continue the processing.</p>
4488	W	<p>Global-active device is in the initial copy or update copy process. Wait until the initial copying or update copying process is complete, or suspend or delete the global-active device pair from the MCU. Do you want to stop this process?</p> <p>[Contents] Global-active device is in the initial copy or update copy process. Wait until the initial copy or update copy process is completed, or suspend or delete the global-active device pair from the MCU. Do you stop this processing?</p> <p>[Action] [Yes]: Stop the processing. Wait until the initial copy or update copy process is completed, or suspend or delete the global-active device pair from the MCU, and then retry the maintenance operation. [No]: Continue the processing.</p>
4550	I	<p>Verify that the firmware is stored in the selected Pc-Drive.</p> <p>[Contents] Verify that the firmware is stored in the selected Pc-Drive.</p> <p>[Action] Verify that the firmware is stored in the selected Pc-Drive, and then click [OK].</p>
4551	I	<p>Loading the firmware is completed.</p> <p>[Contents] Loading the firmware is completed.</p> <p>[Action] Click [OK].</p>

ID	Kind	Description
4552	I	<p>Are you sure to execute a new installation using the designated configuration information? Select [Yes] to execute a new installation. Select [No] to restore the configuration.</p> <p><IMPORTANT CAUTION> A new installation initializes external LU information.</p> <p>[Contents] Do you execute a new installation using the specified configuration information? Select [Yes] to execute a new installation. Select [No] to restore the configuration. <IMPORTANT CAUTION> A new installation initializes external LU information.</p> <p>[Action] Select [Yes] to execute a new installation. Select [No] to restore the configuration.</p>
4553	W	<p>If you perform this processing, the accumulated monitor data will be deleted. Do you want to stop this processing?</p> <p>[Contents] If you perform this processing, the accumulated monitor data will be deleted. Do you want stop this processing?</p> <p>[Action] Select [Yes] to stop the processing. If you want to save the accumulated data, acquire the dump type "Monitor" from AutoDump. Select [No] to continue the processing.</p>
4554	I	<p>This operation may take up to %d minutes. Do you want to execute this operation?</p> <p>[Contents] Do you execute this operation?</p> <p>[Action] To execute this operation, select [Yes]. If not, select [No].</p>
4555	E	<p>The system type set by the maintenance PC and that of the storage system do not match.</p> <p>[Contents] The system type set by the maintenance PC and that of the storage system do not match.</p> <p>[Action] Verify whether the system type set on the Add System window in the Storage Device List window is the same as the system type of the storage system.</p>

ID	Kind	Description
4556	W	<p>The backup data of the specified configuration information includes blocked parts on the controller board. (%s) CFMs on the controller board must be removed before starting up the storage system. Do you want to continue this operation?</p> <p>(Caution) Do not remove the CFMs for now.</p> <p>[Contents] The backup data of the specified configuration information includes blocked parts on the controller board. (%s) CFMs on the controller board must be removed before starting up the storage system. Do you continue this processing? (Caution) Do not remove the CFMs for now.</p> <p>[Action] To continue, select [Yes]. If not, select [No].</p>
4557	I	<p>Remove CFMs from the controller board displayed on the window. (%s) Click [OK] after the removal is complete.</p> <p>[Contents] Remove CFMs from the controller board displayed on the window. (%s) Click [OK] after the removal is complete.</p> <p>[Action] Remove CFMs from the controller board displayed on the window. (%s) Click [OK] after the removal is complete.</p>
4558	W	<p>The backup data of the specified configuration information includes blocked HDDs. The blocked HDDs must be removed before starting up the storage system. Do you want to continue this operation?</p> <p>(Caution) Do not remove the HDDs for now.</p> <p>[Contents] The backup data of the specified configuration information includes blocked HDDs. The blocked HDDs must be removed before starting up the storage system. Do you continue this processing? (Caution) Do not remove the HDDs for now.</p> <p>[Action] To continue, select [Yes]. If not, select [No].</p>

ID	Kind	Description
4559	I	Remove all of the HDDs displayed on the window. Click [OK] after the removal is complete.
	[Contents]	Remove all of the HDDs displayed on the window. Click [OK] after the removal is complete.
	[Action]	Remove all of the HDDs displayed on the window. Click [OK] after the removal is complete.
4560	I	Turn off the storage system. Verify that the power LED on the controller chassis is amber, and then click [OK].
	[Contents]	Turn off the storage system. Verify that the power LED on the controller chassis is amber, and then click [OK].
	[Action]	Turn off the storage system. Verify that the power LED on the controller chassis is amber, and then click [OK].
4561	I	Turn on the storage system. (If the CE mode is enabled, first disable the CE mode, and then turn it on.) Verify that the power LED on the controller chassis is green, and then click [OK].
	[Contents]	Turn on the storage system. (If the CE mode is enabled, first disable the CE mode, and then turn it on.) Verify that the power LED on the controller chassis is green, and then click [OK].
	[Action]	Turn on the storage system. (If the CE mode is enabled, first disable the CE mode, and then turn it on.) Verify that the power LED on the controller chassis is green, and then click [OK].

ID	Kind	Description
4562	I	To remove the cache memory of the %, connect the LAN cable to the maintenance LAN port of the %. Click [OK] after the LAN cable connection is complete.
	[Contents]	To remove the cache memory of the %, connect the LAN cable to the maintenance LAN port of the %. Click [OK] after the LAN cable connection is complete.
	[Action]	Connect the LAN cable to the maintenance LAN port of the %. Click [OK] after the LAN cable connection is complete.
4563	E	No response from the DKC. A DKC memory dump receiving is stopped while other processings than the DKC memory dump receiving are continued. Click [OK] to continue the operation.
	[Contents]	No response from the DKC. A DKC memory dump receiving is stopped while other processings than the DKC memory dump receiving are continued. Click [OK] to continue the operation.
	[Action]	A DKC Memory dump is not included in the dump file. Confirm the DKC status, and then check whether the status is possible to collect a DKC Memory dump. If the DKC status is normal, collect the System Dump from Maintenance Utility after completing AutoDump.
4564	W	The %s firmware is being updated.
	[Contents]	This message indicates that the %s firmware is being updated. (%s indicates which firmware.) This message might be displayed when the firmware update fails.
	[Action]	Click [Renew] after the firmware update is complete. If this message is displayed while the firmware is not being updated, the firmware update might have failed. Verify the SIM and SSB.
4565	W	Data acquisition from the %s fails.
	[Contents]	Data acquisition from the %s fails.
	[Action]	Check the status. If the status is normal, continue the processing. If the status is abnormal, reboot the Maintenance PC and retry the same operation. When the retry results in the same phenomenon, contact the Technical Support Division.

ID	Kind	Description
4566	W	The log deletion of the %s fails.
	[Contents]	The log deletion of the %s fails.
	[Action]	Check the status. If the status is normal, continue the processing. If the status is abnormal, reboot the Maintenance PC and retry the same operation. When the retry results in the same phenomenon, contact the Technical Support Division.
4567	W	When the total of the cache capacity and the cache DIR capacity becomes below 8192[MB], the cache capacity cannot be removed. Remove the SM function first.
	[Contents]	Remove the SM function, and then perform the maintenance.
	[Action]	In the case of the S model or H model, remove Extension1 of the SM function. In the case of the M model, remove Extension3 of the SM function.
4568	E	A conflict with AutoDump of other process occurs in the DKC, and collecting the DKC memory dump is stopped. Click [OK] to continue the processing.
	[Contents]	A conflict with AutoDump of other process occurs in the DKC, and collecting the DKC memory dump is stopped. Click [OK] to continue the processing.
	[Action]	Wait for a while, and then retry.
4569	E	Nothing is responded from the GUM. The DKC memory dump is not collected. Click [OK] to continue the processing.
	[Contents]	Nothing is responded from the GUM. The DKC memory dump is not collected. Click [OK] to continue the processing.
	[Action]	Check the status of the GUM and the connection between the MPC and GUM to confirm AutoDump is available.
4570	E	A communication time out error occurs. Collecting the DKC memory dump is stopped, and any other processes are continued. Click [OK] to continue the processing.
	[Contents]	A communication time out error occurs. Collecting the DKC memory dump is stopped, and any other processes are continued. Click [OK] to continue the processing.
	[Action]	A DKC Memory dump is not included in the dump file. Retry the operation. If the same phenomenon still occurs, collect the System Dump from Maintenance Utility.

ID	Kind	Description
4571	E	<p>An error occurs in an internal process. Collecting the DKC memory dump is stopped, and any other processes are continued. Click [OK] to continue the processing.</p> <p>[Contents] An error occurs in an internal process. Collecting the DKC memory dump is stopped, and any other processes are continued. Click [OK] to continue the processing.</p> <p>[Action] A DKC Memory dump is not included in the dump file. Retry the operation. If the same phenomenon still occurs, contact the Technical Support Division. Besides, collect the System Dump from Maintenance Utility.</p>
4572	I	<p>Replace or remove the controller board (Memory/CFM) of the cluster 1. Then, remove optionally-installed batteries from BKMfS. Select [OK] when completed.</p> <p>[Contents] Request to remove the Memory/CFM/Batteries of the cluster 1.</p> <p>[Action] Remove the Memory/CFM of the cluster 1. Then, remove optionally-installed batteries from BKMfS.</p>
4573	I	<p>Replace or remove the controller board (Memory/CFM) of the cluster 2. Then, remove optionally-installed batteries from BKMfS. Select [OK] when completed.</p> <p>[Contents] Request to remove the Memory/CFM/Batteries of the cluster 2.</p> <p>[Action] Remove the Memory/CFM of the cluster 2. Then, remove optionally-installed batteries from BKMfS.</p>
4574	E	<p>A communication error occurs between the MPC and DKC (CTL1). The DKC memory dump of CTL1 is not collected. Click [OK] to continue the processing.</p> <p>[Contents] A communication error occurs between the MPC and DKC (CTL1). The DKC memory dump of CTL1 is not collected. Click [OK] to continue the processing.</p> <p>[Action] Confirm the status of the CTL1 side and check the cause of the communication error. If CTL1 is blocked, the DKC Memory dump of the CTL1 side cannot collect. If the status of CTL1 is normal, collect the System Dump from Maintenance Utility after completing the AutoDump.</p>

ID	Kind	Description
4575	E	A communication error occurs between the MPC and DKC (CTL2). The DKC memory dump of CTL2 is not collected. Click [OK] to continue the processing.
	[Contents]	A communication error occurs between the MPC and DKC (CTL2). The DKC memory dump of CTL2 is not collected. Click [OK] to continue the processing.
	[Action]	Confirm the status of the CTL2 side and check the cause of the communication error. If CTL2 is blocked, the DKC Memory dump of the CTL2 side cannot collect. If the status of CTL2 is normal, collect the System Dump from Maintenance Utility after completing the AutoDump.
4576	W	A failure occurs in a %s.
	[Contents]	A failure occurs in a part. "%s" indicates the type of the part (DIMM, CFM, BKM, etc).
	[Action]	Confirm the error log in the information screen and solve the problem.
4577	E	Connection with GUM cannot be established. Confirm if the LAN cable is connected to the maintenance LAN port of the %s. After the confirmation, retry the process.
	[Contents]	Connection with GUM cannot be established. Confirm if the LAN cable is connected to the maintenance LAN port of the %s. After the confirmation, retry the process.
	[Action]	Check if the LAN cable is correctly connected to the maintenance LAN port of the displayed CTL. Confirm the status of the GUM and the connection between the MPC and GUM, and check if cache memory can be removed.
4578	E	An error occurred during the dump collection of GUM. GUM dump on the CTL1 side could not be collected. The operation except for GUM dump is continued. Click [OK] to continue the processing.
	[Contents]	An error occurred during the dump collection of GUM. GUM dump on the CTL1 side could not be collected. The operation except for GUM dump is continued. Click [OK] to continue the processing.
	[Action]	The GUM dump of the CTL1 side is not included in the dump file. Check the connection of MPC-GUM and the GUM status of the CTL1 side. If the GUM status of the CTL1 side is normal, collect the System Dump from Maintenance Utility after completing the AutoDump.

ID	Kind	Description
4579	E	<p>An error occurred during the dump collection of GUM. GUM dump on the CTL2 side could not be collected. The operation except for GUM dump is continued. Click [OK] to continue the processing.</p> <p>[Contents] An error occurred during the dump collection of GUM. GUM dump on the CTL2 side could not be collected. The operation except for GUM dump is continued. Click [OK] to continue the processing.</p> <p>[Action] The GUM dump of the CTL2 side is not included in the dump file. Check the connection of MPC-GUM and the GUM status of the CTL2 side. If the GUM status of the CTL2 side is normal, collect the System Dump from Maintenance Utility after completing the AutoDump.</p>
4580	E	<p>An error occurred during the dump collection of GUM. GUM dump could not be collected. The operation except for GUM dump is continued. Click [OK] to continue the processing.</p> <p>[Contents] An error occurred during the dump collection of GUM. GUM dump could not be collected. The operation except for GUM dump is continued. Click [OK] to continue the processing.</p> <p>[Action] The GUM dump is not included in the dump file. Check the connection of MPC-GUM and the GUM status. If the GUM status is normal, collect the System Dump from Maintenance Utility after completing the AutoDump.</p>
4581	E	<p>The version of the firmware media is inconsistent with the version of MPC Software or the media may be incorrect.</p> <p>[Contents] The version of the firmware media is inconsistent with the version of MPC Software or the media may be incorrect.</p> <p>[Action] Update the MPC Software by a correct combination of the firmware media and the MPC Software. If the same message is displayed after updating the MPC Software by using the correct combination, the media may be incorrect. Please exchange the media and then retry the update of the MPC Software. If the same phenomenon still occurs, contact the Technical Support Division.</p>
4582	E	<p>An error occurred during the NAS dump collection. NAS dump on the %s side could not be collected. The processing except for NAS dump collection is continued. Click [OK] to continue the processing.</p> <p>[Contents] An error occurred during the NAS dump collection. NAS dump on the %s side could not be collected. The processing except for NAS dump collection is continued. Click [OK] to continue the processing.</p> <p>[Action] The NAS dump on the %s side is not included in the dump file. Please confirm the connection between Maintenance PC and GUM, and the status of the %s.</p>

ID	Kind	Description
4583	E	An error has occurred in the internal processing. The processing except for NAS dump collection is continued. Click [OK] to continue the processing.
	[Contents]	An error has occurred in the internal processing. The processing except for NAS dump collection is continued. Click [OK] to continue the processing.
	[Action]	The NAS dump is not included in the dump file. Retry the operation. If the same phenomenon still occurs, contact the Technical Support Division.
4584	W	The specified dump type cannot be collected in the current DKC configuration. Autodump terminates.
	[Contents]	The specified dump type cannot be collected in the current DKC configuration. Autodump terminates.
	[Action]	Click [OK] to terminate the processing.
4585	W	Either PC-Drive that does not have a firmware media is specified or a correct firmware media may not being used. Please confirm.
	[Contents]	Either PC-Drive that does not have a firmware media is specified or a correct firmware media may not being used. Please confirm.
	[Action]	After confirming the selected PC-Drive and the firmware media, click [OK].
4586	E	Failed to copy the firmware media. Contact the Technical Support Division.
	[Contents]	Failed to copy the firmware media. Contact the Technical Support Division.
	[Action]	Failed to copy the firmware media. Contact the Technical Support Division.
4587	E	Failed to change the System Option Mode.
	[Contents]	Failed to change the System Option Mode.
	[Action]	Confirm that the changes of System Option Mode are reflected. In case that the changes are not reflected yet, retry the System Option. If the same problem persists, contact the Technical Support Division.
4588	E	Because the memory of DKC is being locked, data acquisition from the DKC failed. Wait for a while and retry the operation.
	[Contents]	Because the memory of DKC is being locked, data acquisition from the DKC failed. Wait for a while and retry the operation.
	[Action]	Wait for a while and retry the operation.

ID	Kind	Description
4589	E	The FTP communication error occurred.
	[Contents]	The FTP communication error occurred.
	[Action]	(1) When this message is output by operating the NEW Installation (Auto Define Configuration, All Firmwares), see “5.3 Troubleshooting of New Installation of the Firmware” in the INSTALLATION SECTION to solve the problem. (2) When this message is output by operating the New Installation (Offline Configuration Definition, All Firmwares) or Restore Configuration, see “5.3 Troubleshooting of Config Exchange Procedure” in the FIRMWARE SECTION to solve the problem.
4590	E	Checking the CE mode was terminated abnormally due to the communication error. [CTLs of the communication error] %s
	[Contents]	Checking the CE mode was terminated abnormally due to the communication error.
	[Action]	Select [OK] to end the processing, and then see the TROUBLESHOOTING SECTION “3.54 Recovery Procedure When the Initial Installation Fails” to take necessary actions.
4591	E	The LAN cable connection between the Maintenance PC and the Storage System is invalid. Confirm whether the LAN cable is connected to the Maintenance LAN port of CTL1.
	[Contents]	The LAN cable connection between the Maintenance PC and the Storage System is invalid. Confirm whether the LAN cable is connected to the Maintenance LAN port of CTL1.
	[Action]	Connect the LAN cable to the maintenance LAN port of the CTL1.
4592	E	Failed to transfer the Firmware to the Storage System.
	[Contents]	Failed to transfer the Firmware to the Storage System.
	[Action]	(1) When this message is output by operating the NEW Installation (Auto Define Configuration, All Firmwares), see “5.3 Troubleshooting of New Installation of the Firmware” in the INSTALLATION SECTION to solve the problem. (2) When this message is output by operating the New Installation (Offline Configuration Definition, All Firmwares) or Restore Configuration, see “5.3 Troubleshooting of Config Exchange Procedure” in the FIRMWARE SECTION to solve the problem.
4593	E	MPC Software internal fatal error has occurred.
	[Contents]	MPC Software internal fatal error has occurred.
	[Action]	Reboot the Maintenance PC and retry the operation. If the same phenomenon still occurs, contact the Technical Support Division.

ID	Kind	Description
4635	I	Delete the additional information on the encryption key to downgrade the DKCMAIN version. Do you want to continue the processing?
	[Contents]	Delete the additional information on the encryption key to downgrade the DKCMAIN version. Do you want to continue the processing?
	[Action]	Delete the additional information on the encryption key to downgrade the DKCMAIN version. If you want to continue the processing, select [Yes]. If you want to stop the processing, select [No].
4636	E	The deletion of the additional information of the encryption key has failed.
	[Contents]	The deletion of the additional information of the encryption key has failed.
	[Action]	The deletion of the additional information of the encryption key has failed. Contact the Technical Support Division.
4637	W	The DKCMAIN version does not support the additional information of the encryption key. The additional information of the encryption key is not deleted.
	[Contents]	The DKCMAIN version does not support the additional information of the encryption key. The additional information of the encryption key is not deleted.
	[Action]	None

ID	Kind	Description
4700	I	The restoration processing of the configuration information will start. Input the full path of the file name of the data for restoration.
	[Contents]	The restoration processing of the configuration information will start. Input the full path of the file name of the data for restoration.
	[Action]	Input the full path of the file name of the data for restoration, and select [OK]. If you select [Cancel], the processing will stop.
4701	I	The Config Backup function is available on Maintenance Utility. To back up the configuration data, start Maintenance Utility. In the Maintenance Utility window, click the System Management menu, and then select Download Configuration Backup.
	[Contents]	The Config Backup function is available on Maintenance Utility.
	[Action]	To back up the configuration data, start Maintenance Utility. In the Maintenance Utility window, click the System Management menu, and then select Download Configuration Backup.
4702	W	The file extension of the data for restoration is not "gpfm". Input the valid file name.
	[Contents]	The file extension of the data for restoration is not "gpfm". Input the valid file name.
	[Action]	Input the valid file name.
4703	W	Cannot access the data for restoration. Confirm the file name and re-input the name.
	[Contents]	Cannot access the data for restoration. Confirm the file name and re-input the name.
	[Action]	The file name might be wrong or not a full path. If you specified the file on the network drive, make sure that you can access it.
4704	I	Are you sure to execute a new installation of the configuration information? Select [Yes] to execute a new installation. Select [No] to restore the configuration.
	[Contents]	<IMPORTANT CAUTION> A new installation initializes external LU information. Do you execute a new installation of the configuration information? Select [Yes] to execute a new installation. Select [No] to restore the configuration. <IMPORTANT CAUTION> A new installation initializes external LU information.
	[Action]	Select [Yes] to execute a new installation. Select [No] to restore the configuration.

ID	Kind	Description
4705	W	<p>The specified configuration information might be backed up on the other storage systems. If the invalid configuration information is used, a fatal damage might be caused on the storage system, thereby losing all data.</p> <p>Make sure to verify that the configuration information is valid. In the case of valid configuration information, select the check box and [OK]. In the case of invalid configuration information, select [Cancel].</p> <p>[Contents] The specified configuration information might be backed up on the other storage systems. If the invalid configuration information is used, a fatal damage might be caused on the storage system, thereby losing all data.</p> <p>Make sure to verify that the configuration information is valid. In the case of valid configuration information, select the check box and [OK]. In the case of invalid configuration information, select [Cancel].</p> <p>[Action] Verify that the configuration information is valid. Select the check box and [OK] only if you can verify that the configuration information is valid. Select [Cancel] if you cannot verify it.</p>

4. Action According to the Error Code

When the error codes given to the message ID are displayed, follow [Action] of the message ID or contact the Technical Support Division.