

Revision History

[illegible]

1-1. System Error

No	Message Code	Status	Message Text	Remarks
1	ES000	System Exception	An unexpected error occurred.	
2	ES001	Out of Memory	An out of memory has occurred.	
3	ES060	Abnormal process termination (incl. operation error and system error)	The processing has terminated abnormally.	
4	ES065	Error in property file update process	An error occurred at Property File.	

1-2-1. Operation Error

No	Message Code	Status	Message Text	Remarks
1	E0008	CLI process error	Please refer to the log file for details.	
2	E0009	Memory not deleted	{0} memory is not clear.	{0}: File type
3	E0010	Error found by data-in-memory check	An error occurred because the {0} data does not exist in memory.	{0}: File type
4	E0011	Summation process error at Scenario PnL Aggregation Group level	An error occurred during the summation process for each Scenario PnL Aggregation Group.	
5	E0012	Summation process error at Stress Scenario PnL Aggregation Group level	An error occurred during the summation process for each Stress Scenario PnL Aggregation Group.	
6	E0013	Inter-product discount process error	An error occurred during the inter-product discount processing.	
7	E0101	Error found by mandatory item check (Base Date)	"Base Date" can not be empty, please enter it.	
8	E0102	Error found by mandatory item check (Position File)	"Position File" can not be empty, please enter it.	
9	E0103	Error found by mandatory item check (Input Files Folder)	"Input Files Folder" can not be empty, please enter it.	
10	E0104	Error found by mandatory item check (Output File Folder)	"Output File Folder" can not be empty, please enter it.	
11	E0105	Error found by mandatory item check (Output Type)	"Output Type" can not be empty, please enter it.	
12	E0107	Error found by mandatory item check (Position Data)	"Position Data" can not be empty, please enter it.	
13	E0108	Error found by check on mandatory item with set conditions	If you don't check "Default" box, "Output File Name" can not be empty. Please enter it.	
14	E0201	Error found by date format check	Please enter the correct "Base Date".	
15	E0202	Error found by fixed value check	The value of Output Type is all or var.	
16	E0203	Error found by allowed characters check	Do not enter any letter except half-width alphanumeric and symbol in {0}.	{0}: File name, folder name
17	E0301	Error found by file name length check	Please check that the Output file name exceeds 150 characters.	
18	E0302	Error found by file path length check	Please check that the "Output File Folder" and "Output File Name" path exceeds 250 characters.	
19	E0303	Error found by check on the existence of position file	Please check because the "Position File" does not exist.	
20	E0304	Error found by check on the existence of VaR-PF	Please check because the "VaR-PF" does not exist.	
21	E0305	Error found by check on the existence of BPF For API, URL parameter ≠ apf	Please check because the "BPF" does not exist.	
22	E0306	Error found by check on the existence of APF For GUI/CLI, OutputType = ALL For API, URL parameter = all or apf	Please check because the "APF" does not exist.	
23	E0307	Error found by check on the existence of folders (Input Files Folder)	Please check because the "Input Files Folder" does not exist.	
24	E0308	Error found by check on the existence of folders (Output File Folder)	Please check because the "Output File Folder" does not exist.	
25	E0309	Error found by check on the existence of output files	The specified output file name already exists.	
26	E0401	Error found by check on the number of APF, BPF and VaR-PF file items	Please check because the number of items in type {1} of {0} is invalid.	{0}: File type {1}: Record name
27	E0402	Error found by check on the sizes of Position, APF, BPF or VaR-PF files	Please check because the {0} is empty.	{0}: File type
28	E0403	Error found by check on the number of Position file items	Please check because the number of items in line {1} of the {0} is invalid.	{0}: Position {1}: Line number
29	E0404	Error found by check on the number of lines in a Position file	Please check because the Position File format is incorrect or the data is not set.	
30	E0501	Error occurred in file read process	An error occurred during the {0} file read process.	{0}: File type
31	E0502	Error occurred in CSV conversion process	An error occurred during the CSV file write process.	
32	E0503	Folder reading authorisation error	An error occurred because you don't have permission to read the folder.	
33	E0504	Error occurred in property file write process	An error occurred during Property file write process.	
34	E0601	Exclusion check error	{0} cannot be processed, because the state of reading the parameter file is in {1}.	{0}: Process pattern (Calculation, Reading parameter files, Reading of forced parameter files, Releasing memory) {1}: Read status (unread (uninitialised), prepare read (preparation for initialisation), forced read (forced initialisation), reading (initialisation in process))
35	E0602	Timeout occurred during exclusion check	A timeout has occurred, please wait a while and try again.	
36	E6001	Error found by check on date alignment	Please check that "BaseDate" does not match the date of Input Files Folder.	

1-2-2. Mandatory Item Check Error

No	Message Code	File Name	Record	Item	Message Text	Remarks
1	E1001	Position	Info	BusinessDate	Position (Line {0}) : The item name BusinessDate of Info is a required item.	
2	E1002		Position	Currency	Position (Line {0}) : The item name Currency of Position is a required item.	
3	E1003			ClearingFirmID	Position (Line {0}) : The item name ClearingFirmID of Position is a required item.	
4	E1004	APF		AccountID	Position (Line {0}) : The item name AccountID of Position is a required item.	
5	E1006		Type 0	Record Name	APF : The item name Record Name of Type 0 is a required item.	
6	E1007			Date	APF : The item name Date of Type 0 is a required item.	
7	E1009		Type 1	Record Name	APF : The item name Record Name of Type 1 is a required item.	
8	E1010			Level	APF : The item name Level of Type 1 is a required item.	
9	E1011			Aggregation Group	APF : The item name Aggregation Group of Type 1 is a required item.	
10	E1012			BPL	APF : The item name BPL of Type 1 is a required item.	
11	E1014		Type 2	Record Name	APF : The item name Record Name of Type 2 is a required item.	
12	E1015			Level	APF : The item name Level of Type 2 is a required item.	
13	E1016			Aggregation Group	APF : The item name Aggregation Group of Type 2 is a required item.	
14	E1017			Threshold Code	APF : The item name Threshold Code of Type 2 is a required item.	
15	E1018			Threshold	APF : The item name Threshold of Type 2 is a required item.	
16	E1019			System Value	APF : The item name System Value of Type 2 is a required item.	
17	E1021		Type 3	Record Name	APF : The item name Record Name of Type 3 is a required item.	
18	E1022			Level	APF : The item name Level of Type 3 is a required item.	
19	E1023			Aggregation Group	APF : The item name Aggregation Group of Type 3 is a required item.	
20	E1024			Type	APF : The item name Type of Type 3 is a required item.	
21	E1025			Number of Param	APF : The item name Number of Param of Type 3 is a required item.	
22	E1027		Type 4	Record Name	APF : The item name Record Name of Type 4 is a required item.	
23	E1028			Product Group Code	APF : The item name Product Group Code of Type 4 is a required item.	
24	E1029			Product Code	APF : The item name Product Code of Type 4 is a required item.	
25	E1030			Contract Type	APF : The item name Contract Type of Type 4 is a required item.	
26	E1031			Contract Period Code	APF : The item name Contract Period Code of Type 4 is a required item.	
27	E1032			Instrument Code	APF : The item name Instrument Code of Type 4 is a required item.	
28	E1033			Level1 Aggregation Group	APF : The item name Level1 Aggregation Group of Type 4 is a required item.	
29	E1034			Level1 Adjustment Multiplier	APF : The item name Level1 Adjustment Multiplier of Type 4 is a required item.	
30	E1036	BPF	Type 0	Record Name	BPF : The item name Record Name of Type 0 is a required item.	
31	E1037			Date	BPF : The item name Date of Type 0 is a required item.	
32	E1038			File Type	BPF : The item name File Type of Type 0 is a required item.	
33	E1040		Type 1	Record Name	BPF : The item name Record Name of Type 1 is a required item.	
34	E1041			Instrument Code	BPF : The item name Instrument Code of Type 1 is a required item.	
35	E1042			Product Group Code	BPF : The item name Product Group Code of Type 1 is a required item.	
36	E1043			Product Code	BPF : The item name Product Code of Type 1 is a required item.	
37	E1044			Contract Type	BPF : The item name Contract Type of Type 1 is a required item.	
38	E1045			Contract Period Code	BPF : The item name Contract Period Code of Type 1 is a required item.	
39	E1046			Contract Size	BPF : The item name Contract Size of Type 1 is a required item.	
40	E1047			Aggregation Group	BPF : The item name Aggregation Group of Type 1 is a required item.	
41	E1048			Calculation Method Flag	BPF : The item name Calculation Method Flag of Type 1 is a required item.	
42	E1050		Type 2	Record Name	BPF : The item name Record Name of Type 2 is a required item.	
43	E1051			Instrument Code	BPF : The item name Instrument Code of Type 2 is a required item.	
44	E1052			Price	BPF : The item name Price of Type 2 is a required item.	
45	E1054		Type 3	Record Name	BPF : The item name Record Name of Type 3 is a required item.	
46	E1055			Instrument Code	BPF : The item name Instrument Code of Type 3 is a required item.	
47	E1056			Scenario ID	BPF : The item name Scenario ID of Type 3 is a required item.	
48	E1057			Scenario Type	BPF : The item name Scenario Type of Type 3 is a required item.	
49	E1058			Unit PnL	BPF : The item name Unit PnL of Type 3 is a required item.	
50	E1060		Type 4	Record Name	BPF : The item name Record Name of Type 4 is a required item.	
51	E1061			Level	BPF : The item name Level of Type 4 is a required item.	
52	E1062			Aggregation Group	BPF : The item name Aggregation Group of Type 4 is a required item.	
53	E1063			BPL	BPF : The item name BPL of Type 4 is a required item.	
54	E1065		Type 5	Record Name	BPF : The item name Record Name of Type 5 is a required item.	
55	E1066			Instrument Code	BPF : The item name Instrument Code of Type 5 is a required item.	
56	E1067			Level1 Aggregation Group	BPF : The item name Level1 Aggregation Group of Type 5 is a required item.	
57	E1068			Level1 Adjustment Multiplier	BPF : The item name Level1 Adjustment Multiplier of Type 5 is a required item.	
58	E1070		Type 6	Record Name	BPF : The item name Record Name of Type 6 is a required item.	
59	E1071			Product Group Code	BPF : The item name Product Group Code of Type 6 is a required item.	
60	E1072			Spread Fluctuation Risk	BPF : The item name Spread Fluctuation Risk of Type 6 is a required item.	
61	E1074		Type 7	Record Name	BPF : The item name Record Name of Type 7 is a required item.	
62	E1075			Instrument Code	BPF : The item name Instrument Code of Type 7 is a required item.	
63	E1076			Scenario ID	BPF : The item name Scenario ID of Type 7 is a required item.	
64	E1077			Unit PnL	BPF : The item name Unit PnL of Type 7 is a required item.	
65	E1078			Scenario Delta	BPF : The item name Scenario Delta of Type 7 is a required item.	
66	E1080	VaRPF	Type 0	Record Name	VaRPF : The item name Record Name of Type 0 is a required item.	
67	E1081			Confidence Level	VaRPF : The item name Confidence Level of Type 0 is a required item.	
68	E1082			Stress Scenario Number	VaRPF : The item name Stress Scenario Number of Type 0 is a required item.	
69	E1084		Type 1	Record Name	VaRPF : The item name Record Name of Type 1 is a required item.	
70	E1085			Level	VaRPF : The item name Level of Type 1 is a required item.	
71	E1086			Aggregation Group	VaRPF : The item name Aggregation Group of Type 1 is a required item.	
72	E1087			Type	VaRPF : The item name Type of Type 1 is a required item.	
73	E1088			Number of Param	VaRPF : The item name Number of Param of Type 1 is a required item.	
74	E1090		Type 2	Record Name	VaRPF : The item name Record Name of Type 2 is a required item.	
75	E1091			Level	VaRPF : The item name Level of Type 2 is a required item.	
76	E1092			Aggregation Group	VaRPF : The item name Aggregation Group of Type 2 is a required item.	
77	E1093			Type	VaRPF : The item name Type of Type 2 is a required item.	
78	E1094			Number of Param	VaRPF : The item name Number of Param of Type 2 is a required item.	
79	E1095	APF	ALL	Record ID	APF : The item name Record ID is a required item.	
80	E1096	BPF	ALL	Record ID	BPF : The item name Record ID is a required item.	
81	E1097	VaRPF	ALL	Record ID	VaRPF : The item name Record ID is a required item.	

1-2-3. Error Found by Check on Mandatory Item with Set Conditions

No	Message Code	File Name	Record	Item	Message Text	Remarks
1	E8001	Position	Position	NetPosition	Position (Line {0}) : One of NetPosition, NakedLongQuantity, NakedShortQuantity in Position must be required.	{0}: GUI/CLI (csv) : Line number in the file displayed, API (JSON) : Number of positions displayed
2				NakedLongQuantity		
3				NakedShortQuantity		
4	E8002			ProductCode	Position (Line {0}) : when ProductType is not FUT, JSCCInstrumentCode must be required if any of ProductCode, ProductType, ContractPeriodCode, PutCallIndicator, Strike and UnderlyingPeriodCode in Position is empty.	{0}: GUI/CLI (csv) : Line number in the file displayed, API (JSON) : Number of positions displayed
5				ProductType		
6				ContractPeriodCode		
7				PutCallIndicator		
8				Strike		
9				UnderlyingPeriodCode		
10				JSCCInstrumentCode		
11	E8003			ProductCode	Position (Line {0}) : when ProductType is FUT, JSCCInstrumentCode must be required if any of ProductCode, ProductType and ContractPeriodCode in Position is empty.	{0}: GUI/CLI (csv) : Line number in the file displayed, API (JSON) : Number of positions displayed
12				ProductType		
13				ContractPeriodCode		
14				UnderlyingPeriodCode		
15				JSCCInstrumentCode		

1-2-4. Number of Digits Check Error

No	Message Code	File Name	Record	Item	Sign of Amount	No. of Digits	Message	Remarks
1	E2001	Position	Info	RequestID	Max	100	Position (Line {0}) : The item name RequestID of Info is Max 100-digit item.	
2	E2002			Version	Max	10	Position (Line {0}) : The item name Version of Info is Max 10-digit item.	
3	E2005			CycleCode	Max	5	Position (Line {0}) : The item name CycleCode of Info is Max 5-digit item.	
4	E2006			RunNumber	Max	3	Position (Line {0}) : The item name RunNumber of Info is Max 3-digit item.	
5	E2008		Position	Id	Max	100	Position (Line {0}) : The item name Id of Position is Max 100-digit item.	
6	E2009			CustomerAccountType	Max	15	Position (Line {0}) : The item name CustomerAccountType of Position is Max 15-digit item.	
7	E2010			OmnibusIndicator	Max	3	Position (Line {0}) : The item name OmnibusIndicator of Position is Max 3-digit item.	
8	E2011			ParentPortfolioID	Max	100	Position (Line {0}) : The item name ParentPortfolioID of Position is Max 100-digit item.	
9	E2012			Memo	Max	100	Position (Line {0}) : The item name Memo of Position is Max 100-digit item.	
10	E2013			ClearingFirmID	Max	100	Position (Line {0}) : The item name ClearingFirmID of Position is Max 100-digit item.	
11	E2014			AccountID	Max	100	Position (Line {0}) : The item name AccountID of Position is Max 100-digit item.	
12	E2015			AccountName	Max	100	Position (Line {0}) : The item name AccountName of Position is Max 100-digit item.	
13	E2016			OriginType	Max	10	Position (Line {0}) : The item name OriginType of Position is Max 10-digit item.	
14	E2017			FundSegregationType	Max	10	Position (Line {0}) : The item name FundSegregationType of Position is Max 10-digit item.	
15	E2018			CustomerAccountType2	Max	15	Position (Line {0}) : The item name CustomerAccountType2 of Position is Max 15-digit item.	
16	E2019			NetPosition	Max	10	Position (Line {0}) : The item name NetPosition of Position is Max 10-digit item.	
17	E2020			NakedLongQuantity	Max	10	Position (Line {0}) : The item name NakedLongQuantity of Position is Max 10-digit item.	
18	E2021			NakedShortQuantity	Max	10	Position (Line {0}) : The item name NakedShortQuantity of Position is Max 10-digit item.	
19	E2022			ClearingOrganizationId	Max	5	Position (Line {0}) : The item name ClearingOrganizationId of Position is Max 5-digit item.	
20	E2023			ExchangeID	Max	5	Position (Line {0}) : The item name ExchangeID of Position is Max 5-digit item.	
21	E2024			ProductCode	Max	10	Position (Line {0}) : The item name ProductCode of Position is Max 10-digit item.	
22	E2025			Strike	Max	15	Position (Line {0}) : The item name Strike of Position is Max 15-digit item.	
23	E2026			JSCCInstrumentCode	Max	9	Position (Line {0}) : The item name JSCCInstrumentCode of Position is 9-digit item.	

1-2-5. Format Check Error

No	Message Code	File Name	Record	Item	Message Text	Remarks
1	E3001	Position	Info	BusinessDate	Position (Line {0}) : The format of the value of BusinessDate of Info is "YYYY-MM-DD".	
2	E3101		Position	ContractPeriodCode	Position (Line {0}) : The format of the value of ContractPeriodCode of Position is "YYYYMMDD", "YYYYMM" or "YYYYMMW".	
3	E3102			UnderlyingPeriodCode	Position (Line {0}) : The format of the value of UnderlyingPeriodCode of Position is "YYYYMMDD", "YYYYMM" or "YYYYMMW".	
4	E3103		Info	SentTime	Position (Line {0}) : The format of the value of SentTime of Position is "YYYY-MM-DDTHH:MM:SS.SSSZ".	
5	E3201			Time	Position (Line {0}) : The value of Time of Info is "HH:MM:SS".	
6	E3301		Position	id	Position (Line {0}) : The item name id of Position is only half-width alphanumeric characters.	
7	E3302			ClearingFirmID	Position (Line {0}) : The item name Position of ClearingFirmID is only half-width alphanumeric characters.	
8	E3303			AccountID	Position (Line {0}) : The item name Position of AccountID is only half-width alphanumeric characters.	
9	E3401			NetPosition	Position (Line {0}) : Only integers can be entered in NetPosition values.	
10	E3402			NakedLongQuantity	Position (Line {0}) : Only integers can be entered in NakedLongQuantity values.	
11	E3403			NakedShortQuantity	Position (Line {0}) : Only integers can be entered in NakedShortQuantity values.	
12	E3404			Strike	Position (Line {0}) : The value of Strike of Position is only a number.	

1-2-6. Validation Check Error

No	Message Code	File Name	Record	Item	Fixed Value 1	Fixed Value 2	Fixed Value 3	Message Text	Remark
1	E4001	Position	Position	Currency	JPY			Position (Line (0)) : The value of Currency of Position is JPY.	
2	E4101			ProductType	FUT	OOF	OOP	Position (Line (0)) : The value of ProductType of Position is FUT, OOF, OOP.	
3	E4102			PutCallIndicator	P	C		Position (Line (0)) : The value of PutCallIndicator of Position is P, C.	
4	E4103			NakedLongQuantity	0			Position (Line (0)) : The value of NakedLongQuantity of Position must be greater than or equal to 0.	Error to be returned in case of <0.
5	E4104			NakedShortQuantity	0			Position (Line (0)) : The value of NakedShortQuantity of Position must be greater than or equal to 0.	Error to be returned in case of <0.
6	E4105			Strike				Position (Line (0)) : The decimal part of the Strike of Position is 4-digit item.	

1-2-7. Inter-File Check Error

No	Message Code	Ref. Check	Check Item	Message Text	Remarks
1	E5001	Existence of instrument	Comparison of instrument existence between Position DTO and BPF DTO	Position Instrument Info {0} does not exist in BPF Type 1 record.	{0}: Instrument code (JSCCInstrumentCode), Instrument information (ProductCode, ProductType, ContractPeriodCode, PutCallIndicator, Strike, UnderlyingPeriodCode)
2	E5002	Base date alignment	Alignment of dates between Position DTO and File	The record date of the position must be the same as or later than the {0} parameter reference date.	{0}: File type

2-1. Information Message

No	Message Code	Status	Message Text	Remarks
1	I0001	Start of Add-on Charge calculation process	Add-on Charge calculation process has started.	
2	I0002	Completion of Add-on Charge calculation process	The Add-on Charge calculation process is complete.	
3	I0003	Start of Net Option Value calculation process	The Net Option Value calculation process has started.	
4	I0004	Completion of Net Option Value calculation process	The Net Option Value calculation process is complete.	
5	I0005	Start of HS-VaR calculation process	The HS-VaR calculation processing has started.	
6	I0006	Completion of HS-VaR calculation process	The HS-VaR calculation process is complete.	
7	I0007	Start of AS-VAR calculation process	The AS-VAR calculation processing has started.	
8	I0008	Completion of AS-VAR calculation process	The AS-VAR calculation process is complete.	
9	I0009	Start of API-reading process	API-Reading process has started.	
10	I0010	Completion of API-reading process	The API-Reading process is complete.	
11	I0011	Start of API-calculation process	API-Calculation process has started.	
12	I0012	Completion of API-calculation process	API-Calculation processing is complete.	
13	I0013	Start of Margin calculation process (for GUI/CLI)	Margin calculation (for GUI / CLI) processing has started.	
14	I0014	Completion of Margin calculation process (for GUI/CLI)	Margin calculation (for GUI / CLI) processing is completed.	
15	I0029	Start of API position information obtainment process	The API position information obtained processing has started.	
16	I0030	Completion of API position information obtainment process	The API position information obtained process is complete.	
17	I0031	Start of PF extraction (All) process for API-calculation	The API calculation extraction(ALL) using PF processing has started.	
18	I0032	Completion of PF extraction (All) process for API-calculation	The API calculation extraction(ALL) using PF process is complete.	
19	I0033	Start of API-reading (BPF) process	API-Reading(BPF) process has started.	
20	I0034	Completion of API-reading (BPF) process	The API-Reading(BPF) process is complete.	
21	I0035	Start of API-reading (APF) process	API-Reading(APF) process has started.	
22	I0036	Completion of API-reading (APF) process	The API-Reading(APF) process is complete.	
23	I0039	Normal termination of API reading process	The read API process ended normally.	
24	I0040	Start of PF extraction (VaRMargin) process for API-calculation	The API calculation extraction(VaRMargin) using PF processing has started.	
25	I0041	Completion of PF extraction (VaRMargin) process for API-calculation	The API calculation extraction(VaRMargin) using PF process is complete.	
26	I0042	Start of GUI/CLI position information obtainment process	The GUI / CLI position information obtained processing has started.	
27	I0043	Completion of GUI/CLI position information obtainment process	The GUI / CLI position information obtained process is complete.	
28	I0044	Start of GUI/CLI reading/extraction (All) process	The GUI / CLI read extraction(ALL) has started.	
29	I0045	Completion of GUI/CLI reading/extraction (All) process	The GUI / CLI read extraction(ALL) is complete.	
30	I0046	Start of CSV conversion process	CSV convert has started.	
31	I0047	Completion of CSV conversion process	CSV convert is complete.	
32	I0048	Start of memory release process	The memory release process has started.	
33	I0049	Completion of memory release process	The memory release process is complete.	
34	I0050	Start of API reading process	Reading API process has started.	
35	I0051	Completion of API reading process	Reading API process is complete.	
36	I0052	Start of MAIN calculation process	The MAIN calculation process has started.	
37	I0053	Completion of MAIN calculation process	The MAIN calculation process is complete.	
38	I0054	Start of API calculation process	The API calculation process has started.	
39	I0055	Completion of API calculation process	The API calculation process is complete.	
40	I0056	Start of API memory release process	The API memory release process has started.	
41	I0057	Completion of API memory release process	The API memory release process is complete.	
42	I0058	Start of GUI/CLI reading/extraction (VaRMargin) process	The GUI / CLI read extraction(VaRMargin) has started.	
43	I0059	Completion of GUI/CLI reading/extraction (VaRMargin) process	The GUI / CLI read extraction(VaRMargin) is complete.	
44	I0060	Start of PF extraction (AddOnCharge) process for API-calculation	The API calculation extraction(AddOnCharge) using PF processing has started.	
45	I0061	Completion of PF extraction (AddOnCharge) process for API-calculation	The API calculation extraction(AddOnCharge) using PF process is complete.	
46	I0062	Start of PF extraction (Holidayaddn) process for API-calculation	The API calculation extraction(VaRRisk) using PF processing has started.	
47	I0063	Completion of PF extraction (Holidayaddn) process for API-calculation	The API calculation extraction(VaRRisk) using PF process is complete.	
48	I0064	Start of GUI reading process	Reading GUI process has started.	
49	I0065	Completion of GUI reading process	Reading GUI process is complete.	
50	I0066	Start of CLI reading process	Reading CLI process has started.	
51	I0067	Completion of CLI reading process	Reading CLI process is complete.	
52	I0068	Start of output result compilation process	The output result compilation process has started.	
53	I0069	Completion of output result compilation process	The output result compilation process is complete.	
54	I0070	Start of exclusion check process	The exclusion check process has started.	
55	I0071	Completion of exclusion check process	The exclusion check process is complete.	
56	I0072	Normal Termination of API calculation process	The calculation API processing ended normally.	
57	I0076	Normal termination of API memory release process	The memory release API processing ended normally.	
58	I0077	Start of API-reading (ALL) process	API-Reading(ALL) process has started.	
59	I0078	Completion of API-reading (ALL) process	The API-Reading(ALL) process is complete.	
60	I0079	Normal termination of process	The process was completed normally.	
61	I0080	Latest VARPF/BPF/APF file reading	Read {0}: {1}.	{0}: VARPF/BPF/APF {1}: The name of the file (incl. the absolute path)

2-2. Normal Execution-Termination Message

No	Message Code	Status	Message Text	Remarks
1	G0001	GUI calculation process executed by pressing "Execute" button and completed.	The process ended normally. Please check the processing result in "Output File Folder".	