

# BCS

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**CC&G**

**API**

**Data Layouts**

Ver 6.8

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**London**  

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Stock Exchange Group



# Contents

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## Summary

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<b>1.0</b>	<b>Introduction</b>	<b>10</b>
<b>2.0</b>	<b>Changes from previous version</b>	<b>11</b>
<b>3.0</b>	<b>Basic conventions</b>	<b>12</b>
3.1	Field Types	12
3.2	Field Length and order of data	12
3.3	Mandatory fields	13
3.4	Special characters	13
3.5	GCM data management	13

---

<b>4.0</b>	<b>Zipped API layouts</b>	<b>14</b>
<b>5.0</b>	<b>Throttling</b>	<b>15</b>
<b>6.0</b>	<b>Subscriptions management</b>	<b>18</b>
6.1	Data re-alignment	18
6.2	Intraday updates	18

---

<b>7.0</b>	<b>DR Invocation</b>	<b>20</b>
7.1	BCS Disaster Recovery	20
7.2	SOLA Full Site Disaster Recovery	20

---

<b>8.0</b>	<b>Markets</b>	<b>21</b>
8.1	InquireMarkets	21
8.2	NotifyMarkets	21

---

<b>9.0</b>	<b>Classes</b>	<b>22</b>
9.1	InquireClasses (or InquireZipClasses)	22
9.2	NotifyClasses (or NotifyZipClasses)	22

---

# Data Layouts

January 2021

9.3	SubscribeClasses	24
9.4	NotifySubClasses	24

---

## 10.0 Clearing Members 27

10.1	InquireClearingMemberCodes	27
10.2	NotifyClearingMemberCodes	27
10.3	InquireNonClearingMemberCodes	28
10.4	NotifyNonClearingMemberCodes	29

---

## 11.0 Series 31

11.1	InquireSeries (or InquireZipSeries)	31
11.2	NotifySeries (or NotifyZipSeries)	31
11.3	SubscribeSeries	33
11.4	NotifySubSeries	33

---

## 12.0 Positions 36

12.1	InquirePositions (or InquireZipPositions)	36
12.2	NotifyPositions (or NotifyZipPositions)	38
12.3	SubscribePositions	41
12.4	NotifySubPositions	41
12.5	InquireRectifications	44
12.6	NotifyRectifications	45
12.7	SubscribeRectifications	46
12.8	NotifySubRectifications	47
12.9	InquirePositionTransfers	48
12.10	NotifyPositionTransfers	49
12.11	SubscribePositionTransfers	52
12.12	NotifySubPositionTransfers	52
12.13	SubmitGrossPositionsRectification	55
12.14	SubmitTransferPositionRequest	56
12.15	SubmitTransferPositionConfirm	57
12.16	SubmitTransferPositionDelete	58

---

## 13.0 Contracts 60

13.1	InquireContracts (or InquireZipContracts)	60
13.2	NotifyContracts (or NotifyZipContracts)	61
13.3	InquireContractsByTime (or InquireZipContractsByTime)	66
13.4	NotifyContractsByTime (or NotifyZipContractsByTime)	67
13.5	SubscribeContracts	72

---

# Data Layouts

January 2021

13.6	NotifySubContracts	72
13.7	InquireContractTransfers	77
13.8	NotifyContractTransfers	78
13.9	SubscribeContractTransfers	81
13.10	NotifySubContractTransfers	82
13.11	SubmitTransferContractRequest	85
13.12	SubmitTransferContractConfirm	86
13.13	SubmitTransferContractDelete	88
13.14	SubmitOpenCloseContract	88
13.15	InquireOpenCloseContractChanges	89
13.16	NotifyOpenCloseContractChanges	90
13.17	SubscribeOpenCloseContractChanges	92
13.18	NotifySubOpenCloseContractChanges	93
13.19	SubmitClientCodeContractChange	95
13.20	InquireClientCodeContractChanges	96
13.21	NotifyClientCodeContractChanges	96
13.22	SubscribeClientCodeContractChanges	99
13.23	NotifySubClientCodeContractChanges	100
13.24	InquireTradeHistory	102
13.25	NotifyTradeHistory	103
13.26	SubmitSplitContract	106
13.27	InquireSplitContracts	108
13.28	NotifyInqSplitContracts	109
13.29	SubscribeSplitContracts	113
13.30	NotifySubSplitContracts	113
13.31	SubmitSplitContractDelete	117

---

## 14.0 Guarantees 117

14.1	InquireCollateralGuarantees	117
14.2	NotifyCollateralGuarantees	118
14.3	SubscribeCollateralGuarantees	118
14.4	NotifySubCollateralGuarantees	119
14.5	InquireDepositedGuarantees	119
14.6	NotifyDepositedGuarantees	120
14.7	SubscribeDepositedGuarantees	122
14.8	NotifySubDepositedGuarantees	123
14.9	SubmitBulkDeposit	125
14.10	SubmitSubAccountBulkDeposit	126

---

## 15.0 Option Exercise 128

15.1	SubmitEarlyExerciseRequest2	128
15.2	InquireEarlyExercises	129
15.3	NotifyEarlyExercises	130
15.4	SubscribeEarlyExercises	132
15.5	NotifySubEarlyExercises	132
15.6	SubmitEarlyExerciseDelete	134
15.7	SubmitExByExRequest2	135

---

# Data Layouts

January 2021

15.8 InquireExByEx	136
15.9 NotifyExByEx	137
15.10 SubscribeExByEx	139
15.11 NotifySubExByEx	139
15.12 InquireExerciseAtExpiry	141
15.13 NotifyExerciseAtExpiry	143
15.14 SubscribeExerciseAtExpiry	144
15.15 NotifySubExerciseAtExpiry	145
15.16 InquireAssignments	147
15.17 NotifyAssignments	148
15.18 SubscribeAssignments	149
15.19 NotifySubAssignments	149
15.20 SubscribeAssignmentsSent	150
15.21 NotifySubAssignmentsSent	150

---

## 16.0 Clearing Messages 152

16.1 SubscribeClearingMessages	152
16.2 NotifyClearingMessages	152
16.3 InquireClearingMessagesSent	152
16.4 NotifyClearingMessagesSent	153
16.5 SubscribeIntradayMarginCalls	153
16.6 NotifyIntradayMarginCalls	154
16.7 InquireIntradayMarginCallsSent	154
16.8 NotifyIntradayMarginCallsSent	155
16.9 SubscribeIntradayMarginCallsSent	156
16.10 NotifySubIntradayMarginCallsSent	156

---

## 17.0 Reports 158

17.1 SubscribeReport	158
17.2 NotifyReport	158
17.3 InquireZipReportData	159
17.4 NotifyZipReportData	160
17.5 SubmitAbortInquireZipReportData	160
17.6 InquireReportSent	161
17.7 NotifyReportSent	162

---

## 18.0 Sub Accounts 164

18.1 SubmitSubAccountTransfer	164
18.2 InquireSubAccountTransfers	165
18.3 NotifySubAccountTransfers	165
18.4 SubscribeSubAccountTransfers	167
18.5 NotifySubSubAccountTransfers	168
18.6 SubmitSubAccountParameter	169

---

# Data Layouts

January 2021

18.7	SubmitSubAccountParameterChange	170
18.8	InquireSubAccountParameters	171
18.9	NotifySubAccountParameters	172
18.10	SubscribeSubAccountParameters	173
18.11	NotifySubSubAccountParameters	174
18.12	SubmitSubAccountClientCodeLink	175
18.13	InquireSubAccountClientCodeLinks	175
18.14	NotifySubAccountClientCodeLinks	176
18.15	SubscribeSubAccountClientCodeLinks	177
18.16	NotifySubSubAccountClientCodeLinks	177
18.17	SubmitSubAccountClientCodeLinkChange	178
18.18	InquireSubAccountClientCodeLinkChange	179
18.19	NotifySubAccountClientCodeLinkChange	179
18.20	SubscribeSubAccountClientCodeLinkChange	180
18.21	NotifySubSubAccountClientCodeLinkChange	181
18.22	SubmitSubAccountClientCodeLinkDelete	181
18.23	SubmitDeleteSubAccountClientCodeLinkChange	182

---

## 19.0 Automatic Give Up 184

19.1	SubmitGiveOutParameter	184
19.2	SubmitGiveOutParameterChange	185
19.3	InquireGiveOutParameters	186
19.4	NotifyGiveOutParameters	187
19.5	SubscribeGiveOutParameters	188
19.6	NotifySubGiveOutParameters	189
19.7	SubmitTakeUpParameter	190
19.8	SubmitTakeUpParameterChange	191
19.9	InquireTakeUpParameters	192
19.10	NotifyTakeUpParameters	193
19.11	SubscribeTakeUpParameters	195
19.12	NotifySubTakeUpParameters	195

---

## 20.0 Risk Management 197

20.1	SubmitStandardPortfolioParameter	197
20.2	SubmitStandardPortfolioParameterChange	198
20.3	SubmitStandardPortfolioParameterDelete	199
20.4	InquireStandardPortfolioParameters	200
20.5	NotifyStandardPortfolioParameters	200
20.6	SubscribeStandardPortfolioParameters	202
20.7	NotifySubStandardPortfolioParameters	202
20.8	SubmitCustomPortfolioParameter	203
20.9	SubmitCustomPortfolioParameterChange	204
20.10	SubmitCustomPortfolioParameterDelete	205
20.11	InquireCustomPortfolioParameters	206
20.12	NotifyCustomPortfolioParameters	206
20.13	SubscribeCustomPortfolioParameters	207
20.14	NotifySubCustomPortfolioParameters	207

---

# Data Layouts

January 2021

20.15	SubmitTradeLimitParameter	208
20.16	SubmitTradeLimitParameterChange	210
20.17	SubmitTradeLimitParameterDelete	211
20.18	InquireTradeLimitParameters	212
20.19	NotifyTradeLimitParameters	213
20.20	SubscribeTradeLimitParameters	214
20.21	NotifySubTradeLimitParameters	215
20.22	SubscribeTradeLimitAlarms	216
20.23	NotifySubTradeLimitAlarms	217
20.24	SubmitPositionLimitParameter	218
20.25	SubmitPositionLimitParameterChange	219
20.26	SubmitPositionLimitParameterDelete	221
20.27	InquirePositionLimitParameters	222
20.28	NotifyPositionLimitParameters	222
20.29	SubscribePositionLimitParameters	224
20.30	NotifySubPositionLimitParameters	224
20.31	SubscribePositionLimitAlarms	226
20.32	NotifySubPositionLimitAlarms	226
20.33	SubmitMarginLimitParameter	227
20.34	SubmitMarginLimitParameterChange	229
20.35	SubmitMarginLimitParameterDelete	230
20.36	InquireMarginLimitParameters	230
20.37	NotifyMarginLimitParameters	231
20.38	SubscribeMarginLimitParameters	232
20.39	NotifySubMarginLimitParameters	233
20.40	SubscribeMarginLimitAlarms	234
20.41	NotifySubMarginLimitAlarms	234
20.42	InquireWhatIf	235
20.43	NotifyWhatIf	237

---

## 21.0 Stop Button 238

21.1	SubscribeFirmStatus	238
21.2	NotifySubFirmStatus	238
21.3	InquireFirmStatus	238
21.4	NotifyFirmStatus	239
21.5	SubmitChangeFirmStatus	240

---

## 22.0 Email Notifications 241

22.1	InquireEmailNotifications	241
22.2	SubmitEmailNotifications	241
22.3	NotifyEmailNotifications	242
22.4	InquireStandardNotifications	242
22.5	SubmitStandardNotifications	243
22.6	NotifyStandardNotifications	243
22.7	InquireRiskNotifications	244
22.8	SubmitRiskNotifications	244
22.9	NotifyRiskNotifications	246



---

# Data Layouts

January 2021

---

Appendix A – Report Management and Info Type values248

---

# Data Layouts

January 2021

---

## 1.0 Introduction

This document describes the BCS API data layouts. It is to be used in conjunction with the BCS API Programmers Manual in order to have an overview of how to interface the BCS Clearing system using the BCS API libraries.

The following sections gather all the data layouts basing on the main clearing functionalities offered by the BCS Clearing system. Each chapter includes and describes all data layouts, each one related to a specific function class.

The names of the classes, whose data layouts are listed below, adopt the following naming convention:

`Inquire<ClassName>` is an inquire class that identifies the message structure to be used when invoking an Inquire function.

`Subscribe<ClassName>` is a subscription class that identifies the message structure to be used when invoking a Subscribe function.

`Submit<ClassName>` is a submit class that identifies the message structure to be used when invoking a Submit function.

`Notify<ClassName>` is a notify class that identifies the message structure to be used when invoking a call-back function to notify new data.

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# Data Layouts

January 2021

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## 2.0 Changes from previous version

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API Layout	Change description	Mandatory
NotifyContracts NotifyZipContracts NotifyContractsByTime NotifyZipContractsByTime NotifySubContracts	New values for "MarketSource" field.  Note: these values will be available with next derivatives trading system release	No (Optional)

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# Data Layouts

January 2021

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## 3.0 Basic conventions

### 3.1 Field Types

The "Type" column includes the following formats:

---

Type
String
Float
Date
Time
Datetime
List

The List format is defined as follows:

- each value of the list is separated by the "|" character char (124)
- in case the value includes sub-values (i.e. positions list in SubmitCustomPortfolioParameters), each sub-values is separated by the "," character char (44)
- "|" and "," characters will be used only to separate values and subvalues, so they should not appear at the beginning and at the end of the list

Example of a list for the "PositionsList" field of the SubmitCustomPortfolioParameters layout:

```
95000,IT1837483929,*OMN,C|95000,IT1837483934,*OMN,P|03422,IT1834483929,*OMN,C;
```

### 3.2 Field Length and order of data

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# Data Layouts

January 2021

The “Length” column stands for the maximum length of the field. The length for Price fields reports the following format: xx.y (i.e. 17.2). This means that the field could be composed by maximum 17 digits for the integer part and maximum 2 digits for the decimal part.

The order of data (the couple key=value) is not relevant in the data flow so the user should not expect the data in the same order of the layout description.

### 3.3 Mandatory fields

Each Inquire/Submit/Subscribe layout has mandatory and optional fields that are shown in the layout description as follows:

Field
Mandatory field
Optional field

### 3.4 Special characters

Some fields cannot contain special characters. The “Description” column of the data layouts includes the following short indicators to correctly manage special characters:

(°) - the field cannot include symbol ';' or '='

(\*) - in sending or receiving, the symbols FS (0x1C) and RS (0x1E) replace respectively the punctuation ';' and '='.

(^) - the field cannot contain lower-case characters

### 3.5 GCM data management

In some Inquire classes, a General Clearing Member can use the wildcard “\*ALL” in the ABICode field in order to download all the data belonging to itself and all its Non Clearing Members. Only a GCM can use the “\*ALL” value. A NCM or a direct member must use his own ABI code. It’s possible to understand whether the user is a GCM using the InquireNonClearingMemberCodes. If more than one entry is returned in the NotifyNonClearingMemberCodes, the clearing member is a GCM.

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# Data Layouts

January 2021

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## 4.0 Zipped API layouts

Some classes are available also in a zipped version in order to speed up transmission of large quantity of data. The layout of a zipped class does not change in respect to its normal version.

The following table lists all the available zipped classes:

---

Inquire API	Notify API
1.InquireZipClasses	NotifyZipClasses
2.InquireZipSeries	NotifyZipSeries
3.InquireZipPositions	NotifyZipPositions
4.InquireZipContracts	NotifyZipContracts
5.InquireZipContractsByTime	NotifyZipContractsByTime
6.InquireZipReportData	NotifyZipReportData

For a description of the unzip callbacks of the BCS API, please refer to the BCS API Programmers Manual.

### Please note

The NotifyZipReportData function must not be used together with the GK\_UnzipBinaryData callback. Reports will be downloaded in zip format and should be unzipped using an external unzip library.

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# Data Layouts

January 2021

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## 5.0 Throttling

In order not to overload the system with too many transactions, every API user has a frequency limitation on each layout. Every transaction sent to the BCS server which exceeds this limit will fail with the error "ExceedingMaxNumQueries!!".

This limitation is implemented at user level, so different API users of the same company have different frequency counters.

The timeslot for which the limitation is calculated is 600 seconds (10 minutes).

---

BCS layouts	Tx every timeslot
InquireAssignments	1
InquireClasses	1
InquireClearingMemberCodes	9
InquireClearingMessagesSent	1
InquireClientCodeContractChanges	1
InquireCollateralGuarantees	1
InquireContracts	12
InquireContractsByTime	3
InquireContractTransfers	2
InquireDepositedGuarantees	1
InquireEarlyExercises	1
InquireEmailNotifications	3

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# Data Layouts

January 2021

BCS layouts	Tx every timeslot
InquireExByEx	1
InquireExerciseAtExpiry	1
InquireGiveOutParameters	3
InquireIntradayMarginCallsSent	1
InquireMarkets	1
InquireNonClearingMemberCodes	9
InquireOpenCloseContractChanges	1
InquirePositions	6
InquirePositionTransfers	2
InquireRectifications	3
InquireRiskNotifications	3
InquireSplitContracts	3
InquireStandardNotifications	3
InquireSubAccountClientCodeLinkChange	1
InquireSubAccountClientCodeLinks	3
InquireSubAccountParameters	3
InquireSubAccountTransfers	1
InquireTakeUpParameters	3
InquireTradeHistory	1
InquireZipClasses	1



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# Data Layouts

January 2021

BCS layouts	Tx every timeslot
InquireZipContracts	12
InquireZipContractsByTime	3
InquireZipPositions	6
InquireZipSeries	1

Timeslot = 600 sec.

This means that every member can send up to 6 InquireZipPositions every 600 seconds, no matter of the parameters specified in the query. The reject of the query does not affect the count.

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# Data Layouts

January 2021

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## 6.0 Subscriptions management

Subscription classes allow subscription for a specific clearing event in order to automatically receive an update as soon as a new event is generated (i.e. new trade reception), without having to inquire the system periodically to get new data. The BCS Clearing System will notify to the user any data generated after the subscription is sent. A GCM will automatically receive data of its NCMs.

For instance, after having sent a “SubscribeContracts” to the system, the user will start receiving a “NotifySubContracts” message for each trade update (i.e. new trade generation, trade cancellation, ...) for itself and its NCMs (if any).

In order to unsubscribe a specific event, the “GK\_UnSubscribe” callback should be used (see BCS API Programmers Manual), specifying the right “SubscriptionId” parameter..

### 6.1 Data re-alignment

As soon as the user connects to the system, it should send a “Subscribe” to get all the updates on a specific clearing event from that moment onward. Then, an “Inquire” on the same clearing event should be sent in order to get all the information previously generated by the BCS Clearing system on that event (i.e. the user should first send a “SubscribeContracts” to get new trade updates and then an “InquireContracts” to get the current snapshot of the trades). In this phase, duplicates could be received by the user. These duplicates should be discarded through keys. Keys are defined for layouts that present both a “Notify” and a “NotifySub”, since for these layouts both an “Inquire” and a “Subscription” should be executed.

In order to correctly manage the re-alignment of data during this phase, in case two records with the same key are received, the newest overwrites the oldest; **data received through Subscribes are considered always newer than data received through Inquires**, so in case a record with the same key is received from a Subscribe and from an Inquire, the one received from the Inquire should be discarded.

Since temporal order in sending messages is guaranteed by “Subscriptions”, data downloaded through “Inquires” could not follow a predefined order.

Keys are reported at the top of the related paragraphs in the following chapters.

### 6.2 Intraday updates

When an intraday update for a record already received is sent from the BCS Clearing system to the user, the key should be used to correctly manage the update. When a new record is received from the system, the user should verify whether a record with the same key has already been received:

- in case a record with the same key is present in the list, the new record should overwrite the existing one;

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# Data Layouts

January 2021

- in case no record with the same key is present in the list, the new record should be appended to the list;

Keys allow also to delete a record if no more useful. This happens only for the “NotifySubContracts” event; in this case a “NotifySubContracts” with ContractState = R (Reversing) is received. Two are the possible scenarios:

- *Split Contracts* - in this case the message with ContractState = R means that the related record (previously received) should be removed by the trades list;
- *Contract Transfer* - in this case the message with ContractState = R is sent as a consequence of a trade transfer confirmed by the receiver. The related record with the same key (previously received) should be removed from the trades list.

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# Data Layouts

January 2021

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## 7.0 DR Invocation

In case of Disaster Recovery invocation, two different scenarios could take place: the full site DR invocation (including SOLA trading platform and all the related downstreams) or the DR of the BCS System only.

### 7.1 BCS Disaster Recovery

In case of Disaster Recovery invocation of the BCS Clearing system only, clients have to ensure to be connected to the Secondary Data Centre (SDC) site, managing the data re-alignment as a normal reconnection to the system (as described in section 6.1)

### 7.2 SOLA Full Site Disaster Recovery

In case of SOLA Trading Platform Full Site DR Invocation, the following procedure will be applied - for both BCS GUI and API applications:

- Clients of the BCS clearing services have to ensure to be connected to the Secondary Data Centre (SDC) site.
- Once successfully connected in SDC, clients should manage the data re-alignment as per a normal BCS DR invocation, with the exception of the trades. For this purpose, an InquireContracts should be sent to the BCS Clearing system. The following trades will be notified through a NotifyContracts:
  - Trades on derivative instruments, having the original Contract Number of the trade executed in PDC (Primary Data Centre). These trades should be discarded by clients
  - Trades on derivative instruments executed in PDC, with a ContractNumber starting from an offset value (500,000). Any split trade will maintain the original contract number. Both the MarketContractNumber and the OrderNumber values, related to trades executed in PDC, will remain unchanged
  - Trades on derivative instruments executed in SDC (if any), having the ContractNumber field restarting from the first value disseminated in PDC. An offset to the MarketContractNumber and OrderNumber values of the trades executed in SDC will be applied. The offset will be different from the one applied to the ContractNumber value for trades executed in PDC
  - Trades on cash instruments executed before and after the restart of the system (no offset applied).

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# Data Layouts

January 2021

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## 8.0 Markets

### 8.1 InquireMarkets

This layout allows to download the list of available markets. Data is returned in the NotifyMarkets.

---

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

### 8.2 NotifyMarkets

This layout returns the list of available markets.

---

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
MarketAcronym	string	3	Market acronym
MarketCodeAlfa	string	1	Alphanumeric market code
Description	string	40	Description

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# Data Layouts

January 2021

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## 9.0 Classes

### 9.1 InquireClasses (or InquireZipClasses)

This layout allows to download the list of available classes. Data is returned in the NotifyClasses (NotifyZipClasses).

---

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

### 9.2 NotifyClasses (or NotifyZipClasses)

This layout returns the list of available classes. In NotifyZipClasses records are separated by `\n`; the last records ends with `\n`.

---

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
Symbol	string	6	Class symbol
ProductType	string	1	Product type (F=Future, O = Option, V=Convertible W=Warrant C=Equity, ETC, ETF)
ProductGroup	string	3	Product group
Description	string	35	Description
MarketId	string	2	Market identification code

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
ISINCode	string	12	The underlying ISIN code which uniquely identifies a specific securities issue (International Securities Identification Number)
UnderlyingId	string	6	Underlying symbol
MinMargin	float	7.8	Minimum margin
MarginInterval	float	3.2	Margin interval
SettlementType	string	3	Settlement type ( ST=settled, CSH= cash settlement, FUT = future style)
ContractSize	float	7.8	Number of Underlying entities per contract
OptionType	string	1	Option type (B=bond, E = equity, I = Index)
OptionStyle	string	1	Option Style (A = American, E = European)
SettlementDays	integer	2	Days between expiry and settlement date
SubType	string	1	SubType (N=Normal, W=Weekly, M=Monthly, Q=Quarterly,

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			Y=Yearly,D=Delivery)

## 9.3 SubscribeClasses

This layout allows to subscribe for new classes events. Data is returned in the NotifySubClasses.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 9.4 NotifySubClasses

Unique key for a Class message is: <symbol, product type>. This layout returns new classes events.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
Symbol	String	6	Class symbol
ProductType	String	1	Product type (F=Future, O = Option, V=Convertible W=Warrant C=Equity, ETC, ETF)
ProductGroup	String	3	Product group
Description	String	35	Description



# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	String	2	Market identification code
ISINCode	String	12	The underlying ISIN code which uniquely identifies a specific securities issue (International Securities Identification Number)
UnderlyingId	String	6	Underlying symbol
MinMargin	Float	7.8	Minimum margin
MarginInterval	Float	3.2	Margin interval
SettlementType	String	3	Settlement type ( ST=settled, CSH= cash settlement, FUT = future style)
ContractSize	Float	7.8	Number of Underlying entities per contract
OptionType	String	1	Option type (B=bond, E = equity, I = Index)
OptionStyle	String	1	Option Style (A = American, E = European)
SettlementDays	Integer	2	Days between expiry and settlement date

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# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
SubType	String	1	SubType (N=Normal, W=Weekly, M=Monthly, Q=Quarterly, Y=Yearly, D=Delivery)

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# Data Layouts

January 2021

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## 10.0 Clearing Members

### 10.1 InquireClearingMemberCodes

This layout allows the download of the list of the clearing members. Data is returned in the NotifyClearingMemberCodes.

---

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

### 10.2 NotifyClearingMemberCodes

This layout returns the list of the clearing members.

---

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AbiCode	string	5	Member ABI code
Mnemonic	string	4	Mnemonic code
MarketId	string	2	Market identification code
ParticipantCode	string	4	Member Clearing code
Description	string	40	Description

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MemberType	string	1	Type:  (N=MOA – Trading Client, B=GCM – Additional Trading Desk, C= Special Participant (Clearing House), G=GCM, I=ICM, E= ICM – Additional Trading Desk, T=MOA – Trading Client – Additional Trading Desk, P=GCM – Pure Clearer, R=ICM – Pure Clearer, F=ISA - EMIR, S=ISA – EMIR (Trading Client), A=NOSA - MiFIR (Indirect Client), V=GOSA – MiFIR (Indirect Client), O=AOA – EMIR, Q=Qualified Participant (Commodity Exchange))
CedCode	string	10	Member CED code

## 10.3InquireNonClearingMemberCodes

This layout allows to download the list of own non clearing members. Data is returned in the NotifyNonClearingMemberCodes.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	string	2	Market identification code

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 10.4 NotifyNonClearingMemberCodes

This layout returns the list of own non clearing members.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AbiCode	string	5	Member ABI code
Mnemonic	string	4	Mnemonic code
MarketId	string	2	Marked identification code
ParticipantCode	string	4	Clearing code
Description	string	40	Description
MemberType	string	1	Type:  (N=MOA – Trading Client, B=GCM – Additional Trading Desk, C= Special Participant (Clearing House), G=GCM, I=ICM, E= ICM – Additional Trading Desk, T=MOA – Trading Client – Additional Trading

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# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			Desk, P=GCM – Pure Clearer, R=ICM – Pure Clearer, F=ISA - EMIR, S=ISA – EMIR (Trading Client), A=NOSA - MiFIR (Indirect Client), V=GOSA – MiFIR (Indirect Client), O=AOA – EMIR, Q=Qualified Participant (Commodity Exchange))
CedCode	string	10	Member CED code

# Data Layouts

January 2021

## 11.0 Series

### 11.1 InquireSeries (or InquireZipSeries)

This layout allows to download the list of the tradable series. Data is returned in the NotifySeries (NotifyZipSeries).

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

### 11.2 NotifySeries (or NotifyZipSeries)

Unique Key for a tradable series is: <MarketId, ISINCode>.

This layout returns the list of the tradable series. In NotifyZipSeries records are separated by \n; the last records ends with \n. The field ExpirationMonth is called "ExpiryPeriod".

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
Symbol	string	6	Class symbol
ProductType	string	1	Product type (F= future, O = option)
ExpiryPeriod	string	6	Expiration month (YYYYMM)
StrikePrice	float	7.6	Strike price
PutCall	string	1	Put/Call option (P= put, C= call, blank)

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# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	string	2	Market Id
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
ExpirationDate	date	8	Expiry date (YYYYMMDD)
LastTradingDay	string	8	Last trading day (YYYYMMDD)
ClosingPrice	float	7.8	Closing price
LastDayPrice	float	7.8	Previous day Closing price
ClosingPriceDate	date	8	Closing price date (YYYYMMDD)
UnderlyingPrice	float	7.8	Underlying closing price
OpenInterest	integer	7	Open interest
Volatility	float	3.2	Volatility
SeriesId	string	30	Series name
ProductGroup	string	3	Product group



# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
SubType	string	1	SubType  D=Delivery, N=Normal, W=Weekly, M=Monthly, Q=Quarterly, Y=Yearly

## 11.3SubscribeSeries

Unique Key for a tradable series is: <MarketId, ISINCode>.

This layout allows to subscribe for new tradable series events. Data is returned in the NotifySubSeries.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 11.4NotifySubSeries

Unique Key for a tradable series is: <MarketId, ISINCode>.

This layout returns new tradable series events. The field ExpirationMonth is called "ExpiryPeriod".

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
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# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
Symbol	string	6	Class symbol
ProductType	string	1	Product type (F= future, O = option)
ExpiryPeriod	string	6	Expiration month (YYYYMM)
StrikePrice	float	7.6	Strike price
PutCall	string	1	Put/Call option (P= put, C= call, blank)
MarketId	string	2	Market Id
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
ExpirationDate	date	8	Expiry date (YYYYMMDD)
LastTradingDay	string	8	Last trading day (YYYYMMDD)
ClosingPrice	float	7.8	Closing price
LastDayPrice	float	7.8	Previous day Closing price
ClosingPriceDate	date	8	Closing price date (YYYYMMDD)

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# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
UnderlyingPrice	float	7.8	Underlying closing price
OpenInterest	integer	7	Open interest
Volatility	float	3.2	Volatility
SeriesId	string	30	Series name
ProductGroup	string	3	Product group
SubType	string	1	SubType  D=Delivery, N=Normal, W=Weekly, M=Monthly, Q=Quarterly, Y=Yearly

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# Data Layouts

January 2021

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## 12.0 Positions

### 12.1 InquirePositions (or InquireZipPositions)

This layout allows the download of the list of own positions. Data is returned in the NotifyPositions (NotifyZipPositions).

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<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code ( *ALL = non clearing members included)
AccountType	string	1	Account type (P = proper, C = client)
PositionGroup	string	1	Position type (O = ordinary)
Symbol	string	6	Class symbol (optional)
ExpirationDate	date	8	Expiry date (optional)
StrikePrice	float	7.6	Strike price (optional, last 6 numbers are the decimal part)
PutCall	string	1	Put/Call option ( P= put, C= call) (optional)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number) (optional)

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# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
ProductType	string	1	Product type ( O = option, F = future, C = equity and fund quotes, W = warrant, V = convertible, B = bond, R = repo) (optional)
OpeningDate	date	8	The day when the position was opened (YYYYMMDD) (optional)
SettlementDate	date	8	Settlement date (YYYYMMDD) (optional)
SubAccount	string	4	Sub Account (Optional) (°)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

# Data Layouts

January 2021

## 12.2 NotifyPositions (or NotifyZipPositions)

Unique key for a Position is: <MarketId, AccountType , AbiCode, ISINCode, SubAccount, ExpirationDate >

This layout returns the list of own positions. In NotifyZipPositions records are separated by **\n**; the last records ends with **\n**.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
AbiCode	string	5	ABI member code (own company or NCM)
AccountType	string	1	Account type (P = proper, C = client)
Symbol	string	6	Class symbol
ExpirationMonth	string	6	Expiry month (YYYYMM)
StrikePrice	float	7.6	Strike price
PutCall	string	1	Put/Call option (P= put, C= call, blank)
OpeningDate	date	8	Position opening date (YYYYMMDD)
LastOperation	date	8	Last operation date (YYYYMMDD)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
CurrentLong	integer	9	Current long position

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
CurrentShort	integer	9	Current short position
OpeningLong	integer	7	Long position at market opening
OpeningShort	integer	7	Short position at market opening
MarketId	string	2	Market identification code
ExpirationDate	date	8	Expiry date (YYYYMMDD)
Description	string	30	Description (for future uses)
PositionValue	float	15.2	Position amount (for future uses)
AccrualValue	float	15.2	Accrual amount (for future uses)
LegSide	string	1	Position type ( blank = ordinary, P = short leg, T = long leg) (for future uses)
LiquidatorAbiCode	string	5	ABI liquidator code (for future uses)
LiquidatorAccount	integer	5	Liquidator account (for future uses)
TransferPrice	float	7.4	Transfer Price
InAdvanceExercise	float	7.3	Early exercise for day

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
InAdvanceAssignment	float	7.3	Early Assignment for day
Exercise	float	7.3	Early exercise
Assignment	float	7.3	Assignment
InTheMoneyAmount	float	7.6	In the money amount
EndValidityDate	date	8	End validity date (YYYYMMDD) (for future uses)
Type	string	1	Position type ( O= ordinary, U= Unsettled IDEM, F = fail)
ProductType	string	1	Product type ( O = option, F = future, C = equity and fund quotes, W = warrant, V = convertible, B = bond, R = repo)
FailExecution	string	1	F= fail, E = execution (for future uses)
LetterMoney	string	1	T = securities, C = cash (for future uses)
BonisMalis	string	1	B = bonis, M = malis (for future uses)
SubAccount	string	4	Sub Account (*)
SeriesId	string	30	Series name



# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
SettlementDate	date	8	Settlement date (YYYYMMDD)

## 12.3SubscribePositions

This layout allows to subscribe for new positions events. Data is returned in the NotifySubPositions.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 12.4NotifySubPositions

Unique key for a Position is: <MarketId, AccountType , AbiCode, ISINCode, SubAccount, ExpirationDate >

This layout returns new positions events.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AbiCode	string	5	ABI member code (own company or NCM)
AccountType	string	1	Account type (P =

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
			proper, C = client)
Symbol	string	6	Class symbol
ExpirationMonth	string	6	Expiry month (YYYYMM)
StrikePrice	float	7.6	Strike price
PutCall	string	1	Put/Call option (P= put, C= call, blank)
OpeningDate	date	8	Position opening date (YYYYMMDD)
LastOperation	date	8	Last operation date (YYYYMMDD)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
CurrentLong	integer	9	Current long position
CurrentShort	integer	9	Current short position
OpeningLong	integer	7	Long position at market opening
OpeningShort	integer	7	Short position at market opening
MarketId	string	2	Market identification code
ExpirationDate	date	8	Expiry date (YYYYMMDD)
Description	string	30	Description (for future uses)
PositionValue	float	15.2	Position amount (for

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
			future uses)
AccrualValue	float	15.2	Accrual amount (for future uses)
LegSide	string	1	Position type ( blank = ordinary, P = short leg, T = long leg) (for future uses)
LiquidatorAbiCode	string	5	ABI liquidator code (for future uses)
LiquidatorAccount	integer	5	Liquidator account (for future uses)
TransferPrice	float	7.4	Transfer Price
InAdvanceExercise	float	7.3	Early exercise for day
InAdvanceAssignment	float	7.3	Early Assignment for day
Exercise	float	7.3	Early exercise
Assignment	float	7.3	Assignment
InTheMoneyAmount	float	7.6	In the money amount
EndValidityDate	date	8	End validity date (YYYYMMDD) (for future uses)
Type	string	1	Position type ( O= ordinary, U= Unsettled IDEM, F = fail)
ProductType	string	1	Product type ( O = option, F = future, C = equity and fund quotes, W = warrant, V = convertible, B = bond, R = repo)

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
FailExecution	string	1	F= fail, E = execution (for future uses)
LetterMoney	string	1	T = securities, C = cash (for future uses)
BonisMalis	string	1	B = bonis, M = malis (for future uses)
SubAccount	string	4	Sub Account (*)
SeriesId	string	30	Series name
SettlementDate	date	8	Settlement date (YYYYMMDD) (optional)

## 12.5 Inquire Rectifications

This layout allows to download the list of own position rectifications. Data is returned in the NotifyRectifications.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
RectificationDate	date	8	Rectification date (YYYYMMDD)
AbiCode	string	5	ABI member code (*ALL = non clearing members included)
MarketId	string	2	Market identification code
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			Garanzia)

## 12.6 NotifyRectifications

Unique key for a Rectified Position is: <ExternalKey>

This layout returns the list of position rectifications.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AbiCode	string	5	Member ABI code
AccountType	string	1	Account type (P = proper, C = client )
Symbol	string	6	Class symbol
ExpirationMonth	date	6	Expiry date (YYYYMM)
StrikePrice	float	7.6	Strike Price
PutCall	string	1	Put/Call option ( P= put, C= call, blank)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
OperationType	string	1	Operation type (+ = increase, - = decrease)

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# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
Volume	float	9.6	Volume
OpResult	string	1	Operation result (Y= executed, N = not executed)
ReturnCode	string	1	Return code
ExternalKey	string	27	Transaction Id (for future uses)
ClearingKey	string	53	Key for other operations (for future uses)
RectificationDate	date	8	Rectification date (YYYYMMDD)
SubAccount	string	4	Sub Account (*)
SeriesId	string	30	Series name
ExecutionTime	datetime	9	Execution time (HHMMSSmmm)
MarketId	string	2	Market identification code

## 12.7 SubscribeRectifications

This layout allows to subscribe for new position rectifications events. Data is returned in the NotifySubRectifications.

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<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
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# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 12.8 NotifySubRectifications

Unique key for a Rectified Position is: <ExternalKey>

This layout returns new position rectifications events.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AbiCode	string	5	Member ABI code
AccountType	string	1	Account type (P = proper, C = client )
Symbol	string	6	Class symbol
ExpirationMonth	date	6	Expiry date (YYYYMM)
StrikePrice	float	7.6	Strike Price
PutCall	string	1	Put/Call option ( P= put, C= call, blank)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
OperationType	string	1	Operation type (+ = increase, - = decrease)
Volume	float	9.6	Volume
OpResult	string	1	Operation result (Y= executed, N = not executed)
ReturnCode	string	4	Return code
ExternalKey	string	27	Transaction Id (for future uses)
ClearingKey	string	53	Key for other operations (for future uses)
RectificationDate	date	8	Rectification date (YYYYMMDD)
SubAccount	string	4	Sub Account (*)
SeriesId	string	30	Series name
ExecutionTime	datetime	9	Execution time (HHMMSSmmm)
MarketId	string	2	Market identification code

## 12.9 InquirePositionTransfers

This layout allows to download the list of position transfers. Data is returned in the NotifyPositionTransfers.



# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
TransferDate	date	8	Transfer date (YYYYMMDD)
TransferType	string	1	Transfer type ( D = delivered, R = received)
AbiCode	string	5	ABI member code (*ALL = non clearing members included)
TransferState	string	1	Transfer Status (Optional) (H = holding, P = processed, R = rejected, C = cancelled)
CounterpartAbiCode	string	5	Counterparty ABI Code (Optional)
GKMarket	string	100	Identifies the Clearing System where request has to be sent.  GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 12.10 NotifyPositionTransfers

Unique key for a Position Transfer is <MarketId, TransferDate, RequestKey, TransferType>

This layout returns the list of position transfers.

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
DeliverAbiCode	string	5	Deliver member ABI code
DeliverAccountType	string	1	Deliver member account type (P = proper, C = client)
ReceiverAbiCode	string	5	Receiver member ABI code
ReceiverAccountType	string	1	Receiver member account type (P = proper, C = client)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
Symbol	string	6	Class symbol
ProductType	string	1	Product type (F = future, O = option)
ExpirationMonth	string	6	Expiry month (YYYYMM)
StrikePrice	float	7.6	Strike price
PutCall	string	1	Put/Call option (P= put, C= call, blank)
MarketId	string	2	Market identification code
Volume	float	9.6	Volume
PositionType	string	1	Position type (L= Long, S= Short)
TransferState	string	1	Status of the transfer operation H = holding (sent but not confirmed or rejected yet)

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			P = processed (accepted by the counterparty)  R = rejected (refused by the counterparty)  C = cancelled (for future uses) (request deleted by the participant that sent the request)
ReturnCode	string	4	Return Code
EntryTime	datetime	17	Entry time (YYYYMMDDHHMMSS)
ExecutionTime	datetime	17	Execution time (YYYYMMDDHHMMSS)
RequestKey	string	53	Request key (*)
DeliverName	string	30	Description of deliver member
ReceiverName	string	30	Description of receiver member
AdditionalInfo	string	50	Free text information. The returned value is the same set on the corresponding field of SubmitTransferPositionRequest function. (*)
TransferDate	date	8	Date of the position transfer (YYYYMMDD)
Price	float	7.4	Price of the position transfer
OpenClose	integer	1	Open / Close flag: 1 or O = open

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			2 or C = close
SubAccount	string	4	Sub Account (*)
PositionValue	float	17.2	Counter Value
SeriesId	string	30	Series name
TransferType	string	1	Transfer type ( D = delivered, R = received)

## 12.11 SubscribePositionTransfers

This layout allows to subscribe for new position transfer events. Data is returned in the NotifySubPositionTransfers.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 12.12 NotifySubPositionTransfers

Unique key for a Position Transfer is <MarketId, TransferDate, RequestKey, TransferType>

This layout returns new position transfer events.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
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# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
DeliverAbiCode	string	5	Deliver member ABI code
DeliverAccountType	string	1	Deliver member account type (P = proper, C = client)
ReceiverAbiCode	string	5	Receiver member ABI code
ReceiverAccountType	string	1	Receiver member account type (P = proper, C = client)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
Symbol	string	6	Class symbol
ProductType	string	1	Product type (F = future, O = option)
ExpirationMonth	string	6	Expiry month (YYYYMM)
StrikePrice	float	7.6	Strike price
PutCall	string	1	Put/Call option (P= put, C= call, blank)
MarketId	string	2	Market identification code
Volume	float	9.6	Volume
PositionType	string	1	Position type (L= Long, S= Short)
TransferState	string	1	Status of the transfer operation H = holding (sent but not confirmed or rejected yet)

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			P = processed (accepted by the counterparty)  R = rejected (refused by the counterparty)  C = cancelled (for future uses) (request deleted by the participant that sent the request)
ReturnCode	integer	4	Return Code
EntryTime	datetime	17	Entry time (YYYYMMDDHHMMSS)
ExecutionTime	datetime	17	Execution time (YYYYMMDDHHMMSS)
RequestKey	string	53	Request key (*)
DeliverName	string	30	Description of deliver member
ReceiverName	string	30	Description of receiver member
AdditionalInfo	string	50	Free text information. The returned value is the same set on the corresponding field of SubmitTransferPositionRequest function. (*)
TransferDate	date	8	Date of the position transfer (YYYYMMDD)
Price	float	7.4	Price of the position transfer
OpenClose	integer	1	Open / Close flag: 1 or O = open

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			2 or C = close
SubAccount	string	4	Sub Account (*)
PositionValue	float	17.2	Counter Value
SeriesId	string	30	Series name
TransferType	string	1	Transfer type ( D = delivered, R = received)

## 12.13 SubmitGrossPositionsRectification

This layout allows to send a position rectification request.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AbiCode	string	5	ABI member code (own company or NCM)
AccountType	string	1	Account type (P = proper, C = client)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
Operation	string	1	Operation ( + = increase, - = decrease)
Volume	float	7.6	Volume

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
SubAccount	string	4	Sub Account (optional) (for future uses) (°)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 12.14 SubmitTransferPositionRequest

This layout allows to send a position transfer request.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
PositionType	string	1	Position type (L = long, S = short)
Volume	float	7.6	Volume
ReceiverAbiCode	string	5	Receiver member ABI code
GrossPositionRectification	string	1	Gross position rectification (Y = yes, N = no)
AdditionalInfo	string	50	Free text information (°)
AccountType	string	1	Account type (P = proper, C = client)
ISINCode	string	12	The code which uniquely identifies a



# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			specific securities issue (International Securities Identification Number)
AbiCode	string	5	ABI member code (own company or NCM)
SubAccount	string	4	Sub Account (°)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 12.15 SubmitTransferPositionConfirm

This layout allows to accept or reject an incoming position transfer.

The RequestKey code could be obtained by the NotifyPositionTransfers. Only pending transfers, i.e. in state H (holding), can be confirmed.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AccountType	string	1	Account type (P = proper, C = client)
AcceptRefuse	string	1	Accept or reject the transferred position (A = accept , R = refuse)

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
RequestKey	string	53	Request key of received position
OpenClose	integer	1	Open / Close flag: 1 or O = open 2 or C = close
SubAccount	string	4	Sub Account (°)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 12.16 SubmitTransferPositionDelete

This layout allows to cancel a position transfer request which has not been confirmed yet by the counterparty.

The RequestKey code could be obtained by the NotifyPositionTransfers. Only pending transfers, i.e. in state H (holding), can be removed. The function can be executed only in the same day when the position transfer has been requested.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AbiCode	string	5	ABI member code (own company or NCM)
MarketId	string	2	Market identification code

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# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
RequestKey	string	53	Request key of received position
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

# Data Layouts

January 2021

## 13.0 Contracts

### 13.1 InquireContracts (or InquireZipContracts)

This layout allows to download the list of own trades. Data is returned in the NotifyContracts (NotifyZipContracts).

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code ( *ALL = non clearing members included)
AccountType	string	1	Account type ( P = proper, C = client)
Symbol	string	6	Class symbol (Optional)
ContractDate	date	8	Contract date (YYYYMMDD)
Side	string	1	Contract side (B = buy, S = sell)
Price	float	7.6	Contract price (Optional)
Price2	float	7.6	Contract price (Optional)
ClientCode	string	9	Client code set on IDEM trading platform (Optional) (°)
ContractNumber	string	10	Contract Number assigned by CC&G

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			(Optional)
ExpirationDate	date	6	Expiry date (Optional) (YYYYMM)
StrikePrice	float	7.6	Strike price (Optional)
PutCall	string	1	Put/Call option (P= put, C= call) (Optional)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 13.2 NotifyContracts (or NotifyZipContracts)

Unique key for a trade is <MarketId, ContractDate, ContractNumber, Side>.

This layout returns the list of own trades. In NotifyZipContracts records are separated by \n; the last records ends with \n.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AbiCode	string	5	ABI member code (own company or NCM)
AccountType	string	1	Account type (P = proper, C = client)
Symbol	string	6	Class symbol

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
ExpirationMonth	string	6	Expiry month (YYYYMM)
StrikePrice	float	7.6	Strike price
PutCall	string	1	Put/Call option ( P= put, C= call, blank)
ContractDate	date	8	Contract date (YYYYMMDD)
ContractTime	time	6	Contract time (HHMMSS)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
Quantity	integer	10	Contract quantity
Price	float	7.6	Contract price
OpenClose	integer	1	Open / Close flag: 1 or O = open 2 or C = close
MarketId	string	2	Market identification code
ClientCode	string	9	Client code set on IDEM trading platform. (*)
ContractNumber	string	10	Contract number assigned by the Clearing House
GiveUpAbiCode	string	5	In case of a local give up trade, it is the member ABI code of the company that executed the

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			contract, otherwise it is set to 00000.
Side	string	1	Contract Side (B = buy, S = sell)
ClientInfo	string	12	Free text client information set on IDEM trading platform. (*)
TradeDescription	string	30	Trade description (for future uses) (*)
Value	float	16.2	Contract countervalue (for future uses) (Value has the same meaning of ContractValue)
Accrual	float	16.2	Accrual value (for future uses)
SettlementDate	date	8	Settlement date (YYYYMMDD) (for future uses)
RepoIndex (TradeSource)	string	1	For derivatives markets:  M=Market G=International/Automatic Give-Up S=Split D=Data Entry  For cash markets:  P=Spot Leg T=Forward Leg Blank=Cash trade

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
RepoRate	float	3.3	Repo rate (for future uses)
TransferredQuantity	integer	8	Transferred quantity
TransferredRequest	integer	8	Transferred quantity requested
SubAccount	string	4	Sub Account (*)
OrigContractNumber	integer	10	Original contract number before splitting.  In case of multiple separation, the original trade contract number is shown
SeriesId	string	30	For derivatives markets:  Series name  For cash markets:  TTA=MTA Italian Equity TTI=MTA International Equity TAH=MTA After Hours Equity ETF=ETF Plus MTS=MTS Wholesale Bonds EBM=EuroMTS Wholesale Bonds PCT=MTS Repo BTM=ICAP Brokertec Repo MOT=MOT Retail Bonds TLX=EuroTLX Retail Bonds



# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			EMD=eMID Repo
OrderNumber	string	8	Identifier of the order
TraderId	string	8	Trader identifier
ContractState	string	1	T = Trade C = Trade Cancel
MarketContractNumber	integer	10	Contract number assigned by the market
MarketSource	string	1	1 = RegularTrade 2 = AsOfTrade 3 = Strategy 4 = LateTrade 5 = Implied 6 = ExchangeGranted1 7 = ExchangeGranted2 D = Cross B = Cross Block T = Committed K = Committed Block P = Exchange for Physical s = Basic Trade x = X-CPI c = CPI t = Strategy X-CPI i = Implied CPI r = Strategy CPI  This field is populated only for derivatives markets.
TVTIC	string	16	Trading Venue Transaction Identification Code  This field is populated

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
Execution Source Code	string	1	only for derivatives markets. Execution Source Code:  W = Broker Desk (high touch) Y = Electronic C = Broker Provided Screen G = Sponsored Access / DMA H = Algo Trading Provider D = Other  This field is populated only for derivatives markets.

### 13.3 InquireContractsByTime (or InquireZipContractsByTime)

This layout allows to download the list of own trades and be used only in the current business day. Data is returned in the NotifyContractsByTime (NotifyZipContractsByTime).

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code (*ALL = non clearing members included)
StartingTime	time	6	Contract Time interval start (HHMMSS)
EndingTime	time	6	Contract Time interval end (HHMMSS)

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 13.4 NotifyContractsByTime (or NotifyZipContractsByTime)

Unique key for a trade is <MarketId, ContractDate, ContractNumber, Side>.

This layout returns the list of own trades. In NotifyZipContractsByTime records are separated by **\n**; the last records ends with **\n**.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AbiCode	string	5	ABI member code (own company or NCM)
AccountType	string	1	Account type (P = proper, C = client)
Symbol	string	6	Class symbol
ExpirationMonth	string	6	Expiry month (YYYYMM)
StrikePrice	float	7.6	Strike price
PutCall	string	1	Put/Call option ( P= put, C= call, blank)
ContractDate	date	8	Contract date (YYYYMMDD)
ContractTime	time	6	Contract time (HHMMSS)

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
Quantity	integer	10	Contract quantity
Price	float	7.6	Contract price
OpenClose	integer	1	Open / Close flag: 1 or O = open 2 or C = close
MarketId	string	2	Market identification code
ContractNumber	string	10	Contract number assigned by the Clearing House
OrigContractNumber	integer	10	Original contract number before splitting.  In case of multiple separation, the original trade contract number is shown
GiveUpAbiCode	string	5	In case of a local give up trade, it is the member ABI code of the company that executed the contract, otherwise it is set to 00000.
Side	string	1	Contract Side (B = buy, S = sell)
ClientInfo	string	12	Free text client information set on IDEM

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			trading platform. (*)
TradeDescription	string	30	Trade description (for future uses) (*)
Value	float	16.2	Contract countervalue (for future uses) (Value has the same meaning of ContractValue)
Accrual	float	16.2	Accrual value (for future uses)
SettlementDate	date	8	Settlement date (YYYYMMDD) (for future uses)
RepoIndex (TradeSource)	string	1	For derivatives markets:  M=Market G=International/Automatic Give-Up S=Split D=Data Entry  For cash markets:  P=Spot Leg T=Forward Leg Blank=Cash trade
RepoRate	float	3.3	Repo rate (for future uses)
TransferredQuantity	integer	8	Transferred quantity
TransferredRequest	integer	8	Transferred quantity requested

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
ClientCode	string	9	Client code set on IDEM trading platform. (*)
SubAccount	string	4	Sub Account (*)
SeriesId	string	30	For derivatives markets:  Series name  For cash markets:  TTA=MTA Italian Equity TTI=MTA International Equity TAH=MTA After Hours Equity ETF=ETF Plus MTS=MTS Wholesale Bonds EBM=EuroMTS Wholesale Bonds PCT=MTS Repo BTM=ICAP Brokertec Repo MOT=MOT Retail Bonds TLX=EuroTLX Retail Bonds EMD=eMID Repo
OrderNumber	string	8	Identifier of the order
TraderId	string	8	Trader identifier
ContractState	string	1	T = Trade C = Trade Cancel
MarketContractNumber	integer	10	Contract number assigned by the market

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketSource	string	1	1 = RegularTrade 2 = AsOfTrade 3 = Strategy 4 = LateTrade 5 = Implied 6 = ExchangeGranted1 7 = ExchangeGranted2 D = Cross B = Cross Block T = Committed K = Committed Block P = Exchange for Physical s = Basic Trade x = X-CPI c = CPI t = Strategy X-CPI i = Implied CPI r = Strategy CPI  This field is populated only for derivatives markets.
TVTIC	string	16	Trading Venue Transaction Identification Code  This field is populated only for derivatives markets.
Execution Source Code	string	1	Execution Source Code:  W = Broker Desk (high touch) Y = Electronic C = Broker Provided Screen G = Sponsored Access / DMA H = Algo Trading Provider D = Other  This field is populated only for derivatives markets.

# Data Layouts

January 2021

## 13.5 SubscribeContracts

This layout allows to subscribe for new trades events. If no filter is applied all markets are subscribed. This guarantee the backward compatibility. If a filter is applied the subscription will return only the data belonging to the market highlighted into the filter. Data is returned in the NotifySubContracts.

Example: MarketID = 01 the subscription returns only trades belonging to the market 01. If I want receive trades on another market I have to submit another request. In general one request for each markets.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)
MarketId	string	2	Market identification code

## 13.6 NotifySubContracts

Unique key for a trade is <MarketId, ContractDate, ContractNumber, Side>. A trade with ContractState = R (Reversing) is used to delete the trade with the same unique key in the list.

This layout returns new trade events.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AbiCode	string	5	ABI member code (own company or NCM)
AccountType	string	1	Account type (P = proper,



# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
			C = client)
Symbol	string	6	Class symbol
ExpirationMonth	string	6	Expiry month (YYYYMM)
StrikePrice	float	7.6	Strike price
PutCall	string	1	Put/Call option ( P= put, C= call, blank)
ContractDate	date	8	Contract date (YYYYMMDD)
ContractTime	time	6	Contract time (HHMMSS)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
Quantity	integer	10	Contract quantity
Price	float	7.6	Contract price
OpenClose	integer	1	Open / Close flag: 1 or O = open 2 or C = close
MarketId	string	2	Market identification code
ContractNumber	string	10	Contract number assigned by the Clearing House
OrigContractNumber	integer	10	Original contract number

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			before splitting.  In case of multiple separation, the original trade contract number is shown
GiveUpAbiCode	string	5	In case of a local give up trade, it is the member ABI code of the company that executed the contract, otherwise it is set to 00000.
Side	string	1	Contract Side (B = buy, S = sell)
ClientInfo	string	12	Free text client information set on IDEM trading platform. (*)
TradeDescription	string	30	Trade description (for future uses) (*)
Value	float	16.2	Contract countervalue (for future uses) (Value has the same meaning of ContractValue)
Accrual	float	16.2	Accrual value (for future uses)
SettlementDate	date	8	Settlement date (YYYYMMDD) (for future uses)
RepoIndex (TradeSource)	string	1	For derivatives markets:  M=Market G=International/Automatic Give-Up

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			S=Split D=Data Entry  For cash markets:  P=Spot Leg T=Forward Leg Blank=Cash trade
RepoRate	float	3.3	Repo rate (for future uses)
TransferredQuantity	integer	8	Transferred quantity
TransferredRequest	integer	8	Transferred quantity requested
ClientCode	string	9	Client code set on IDEM trading platform. (*)
SubAccount	string	4	Sub Account (*)
SeriesId	string	30	For derivatives markets:  Series name  For cash markets:  TTA=MTA Italian Equity TTI=MTA International Equity TAH=MTA After Hours Equity ETF=ETF Plus MTS=MTS Wholesale Bonds EBM=EuroMTS Wholesale Bonds PCT=MTS Repo

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			BTM=ICAP Brokertec Repo MOT=MOT Retail Bonds TLX=EuroTLX Retail Bonds EMD=eMID Repo
OrderNumber	string	8	Identifier of the order
TraderId	string	8	Trader identifier
ContractState	string	1	T = Trade C = Trade Cancel R = Reversing
MarketContractNumber	integer	10	Contract number assigned by the market
MarketSource	string	1	1 = RegularTrade 2 = AsOfTrade 3 = Strategy 4 = LateTrade 5 = Implied 6 = ExchangeGranted1 7 = ExchangeGranted2 D = Cross B = Cross Block T = Committed K = Committed Block P = Exchange for Physical s = Basic Trade x = X-CPI c = CPI t = Strategy X-CPI i = Implied CPI r = Strategy CPI  This field is populated only for derivatives markets.
TVTIC	string	16	Trading Venue

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			Transaction Identification Code  This field is populated only for derivatives markets.
Execution Source Code	string	1	Execution Source Code:  W = Broker Desk (high touch) Y = Electronic C = Broker Provided Screen G = Sponsored Access / DMA H = Algo Trading Provider D = Other  This field is populated only for derivatives markets.

## 13.7 InquireContractTransfers

This layout allows to download the list of trade transfers. Data is returned in the NotifyContractTransfers.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
ContractDate	date	8	Transfer date (YYYYMMDD)
AbiCode	string	5	ABI member code (*ALL = non clearing members included)
TransferType	string	1	Type (D = delivered, R = received)

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
TransferState	string	1	Transfer Status (Optional) (H = holding, P = processed, R = rejected, C = cancelled)
CounterpartAbiCode	string	5	Counterparty ABI Code (Optional)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 13.8 NotifyContractTransfers

Unique key for a Contract Transfer is <MarketId, TransferDate, RequestKey, TransferType>

This layout returns the list of trade transfers.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
DeliverAbiCode	string	5	Deliver member ABI code
DeliverAccountType	string	1	Deliver member account type (P = proper, C = client)
ReceiverAbiCode	string	5	Receiver member ABI code
ReceiverAccountType	string	1	Receiver member account type (P = proper, T = client, blank if not confirmed)

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
Symbol	string	6	Class symbol
ContractNumber	integer	10	Contract number assigned by the Clearing House
ContractDate	date	8	Contract date (YYYYMMDD)
ProductType	string	1	Product type ( F = future, O = option)
ExpirationMonth	string	6	Expiry month (YYYYMM)
StrikePrice	float	7.6	Strike price
PutCall	string	1	Put/Call option ( P= put, C= call, blank)
MarketId	string	2	Market identification code
Quantity	float	9.6	Transferred Quantity
Side	string	1	Contract side (B= Buy, S= Sell)
TransferState	string	1	Status of the transfer operation H = holding (sent but not confirmed or rejected yet)  P = processed (accepted by the counterparty)  R = rejected (refused by the counterparty)  C = cancelled (request deleted)

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			by the participant that sent the request)
ReturnCode	string	4	Return Code
EntryTime	datetime	17	Entry time (YYYYMMDDHHMMSSmmm)
ExecutionTime	datetime	17	Execution time (YYYYMMDDHHMMSSmmm)
RequestKey	string	53	Request key (*)
DeliverName	string	30	Description of deliver member
ReceiverName	string	30	Description of receiver member
AdditionalInfo	string	35	Free text information. The returned value is the same set on the corresponding field of SubmitTransferContractRequest function. (*)
DeliverCode	string	9	Client code of deliver member set on IDEM trading platform (*)
DeliverInfo	string	16	Free text client information (ClientInfo) of deliver member set on IDEM trading platform. (*)
TransferDate	date	8	Date of the contract transfer
Price	float	7.4	Price of the contract transfer
SubAccount	string	4	Sub Account (*)
ReceiverCode	string	9	Client code of receiver member



# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			set on IDEM trading platform (*)
ReceiverInfo	string	16	Free text client information (ClientInfo) of receiver member set on IDEM trading platform. (*)
OpenClose	integer	1	Open / Close flag: 1 or O = open 2 or C = close
TransferMode	string	1	Transfer mode (A = Automatic, M = Manual)
SeriesId	string	25	Series name
MarketContractNumber	integer	10	Contract number assigned by the market
TransferType	string	1	Type (D = delivered, R = received)
DeliverShareFlag	string	1	Share Client Code flag, setted by deliver
ReceiverShareFlag	string	1	Share Client Code flag, setted by receiver

## 13.9SubscribeContractTransfers

This layout allows to subscribe for new trade transfer events. Data is returned in the NotifySubContractTransfers.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent.

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 13.10 NotifySubContractTransfers

Unique key for a Contract Transfer is <MarketId, TransferDate, RequestKey, TransferType>

This layout returns new trade transfer events.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
DeliverAbiCode	string	5	Deliver member ABI code
DeliverAccountType	string	1	Deliver member account type (P = proper, C = client)
ReceiverAbiCode	string	5	Receiver member ABI code
ReceiverAccountType	string	1	Receiver member account type (P = proper, C = client, blank if not confirmed)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
Symbol	string	6	Class symbol
ContractNumber	integer	10	Contract number assigned by the Clearing House
ContractDate	date	8	Contract date (YYYYMMDD)

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
ProductType	string	1	Product type ( F = future, O = option)
ExpirationMonth	string	6	Expiry month (YYYYMM)
StrikePrice	float	7.6	Strike price
PutCall	string	1	Put/Call option ( P= put, C= call, blank)
MarketId	string	2	Market identification code
Quantity	integer	9	Transferred Quantity
Side	string	1	Contract side (B= Buy, S= Sell)
TransferState	string	1	Status of the transfer operation H = holding (sent but not confirmed or rejected yet)  P = processed (accepted by the counterparty)  R = rejected (refused by the counterparty)  C = cancelled (request deleted by the participant that sent the request)
ReturnCode	string	4	Return Code
EntryTime	datetime	17	Entry time (YYYYMMDDHHMMSSmmm)
ExecutionTime	datetime	17	Execution time (YYYYMMDDHHMMSSmmm)

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
RequestKey	string	53	Request key (*)
DeliverName	string	30	Description of deliver member
ReceiverName	string	30	Description of receiver member
AdditionalInfo	string	35	Free text information. The returned value is the same set on the corresponding field of SubmitTransferContractRequest function. (*)
DeliverCode	string	9	Client code of deliver member set on IDEM trading platform (*)
DeliverInfo	string	12	Free text client information (ClientInfo) of deliver member set on IDEM trading platform. (*)
TransferDate	date	8	Date of the contract transfer
Price	float	7.4	Price of the contract transfer
SubAccount	string	4	Sub Account (*)
ReceiverCode	string	9	Client code of receiver member set on IDEM trading platform (*)
ReceiverInfo	string	12	Free text client information (ClientInfo) of receiver member set on IDEM trading platform. (*)
OpenClose	integer	1	Open / Close flag: 1 or O = open 2 or C = close
TransferMode	string	1	Transfer mode (A = Automatic, M = Manual)

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
SeriesId	string	25	Series name
MarketContractNumber	integer	10	Contract number assigned by the market
TransferType	string	1	Type (D = delivered, R = received)
DeliverShareFlag	string	1	Share Client Code flag, setted by deliver
ReceiverShareFlag	string	1	Share Client Code flag, setted by receiver

## 13.11 SubmitTransferContractRequest

This layout allows to perform a trade transfer request (International give up for trades done the same business date).

The field "Quantity" has to be equal to the contract quantity. In the future development this field will be removed.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
ContractNumber	integer	10	Contract number assigned by CC&G
ContractDate	date	8	Contract date (YYYYMMDD)
AccountType	string	1	Account type (P = proper, C = client)
Side	string	1	Contract side (B = buy, S = sell)

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
Quantity	integer	7	Transferred quantity (It must be equal to the total trade quantity).
ReceiverAbiCode	string	5	Receiver member ABI code
RectifyPosition	string	1	Rectify position (Y = yes, N = no)
AdditionalInfo	string	50	Free text information. (°)
ShareClientCode	string	1	Share ClientCode (Y = share with receiver, N = don't share)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 13.12 SubmitTransferContractConfirm

This layout allows to accept or reject an incoming trade transfer request (International give up for trades done the same business date).

The RequestKey code could be obtained by the NotifyContractTransfers. Only pending transfers, i.e. in state H (holding), can be confirmed.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
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# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
AccountType	string	1	Account type (P = proper, C = client)
AcceptRefuse	string	1	Accept or reject the transferred contract (A = accept, R = refuse)
RequestKey	string	53	Request key of received contract (°)
OpenClose	integer	1	Open / Close flag: 1 or O = open 2 or C = close 3 or T = Assigned by Trader
ClientCode	string	9	Client code of deliver member set on IDEM trading platform (*)
ShareClientCode	string	1	Share ClientCode (Y = assigned by Trader, N = customized)
ClientInfo	string	12	Free text client information (ClientInfo) of deliver member set on IDEM trading platform. (*)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

# Data Layouts

January 2021

## 13.13 SubmitTransferContractDelete

This layout allows to cancel a trade transfer request (International give up for trades done the same business date) which has not been confirmed yet by the counterparty.

The RequestKey code could be obtained by the NotifyContractTransfers. Only pending transfers, i.e. in state H (holding), can be removed. The function can be executed only in the same day when the trade transfer has been requested.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AbiCode	string	5	ABI member code (own company or NCM)
MarketId	string	2	Market identification code
RequestKey	string	53	Request key of received position (°)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 13.14 SubmitOpenCloseContract

This layout allows to change the Open/Close flag for a trade on a client account.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
ContractNumber	integer	10	Contract number assigned by CC&G
MarketId	string	2	Market identification



# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			code
Side	string	1	Contract side (B = buy, S = sell)
OpenClose	string	1	Open / Close flag: 1 or O = open 2 or C = close
ContractDate	date	8	Contract date (YYYYMMDD)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 13.15 InquireOpenCloseContractChanges

This layout allows to download the list of the Open/Close changes. Data is returned in the NotifyOpenCloseContractChanges.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AbiCode	string	5	ABI member code (*ALL = non clearing members included)
RequestDate	date	8	Date (YYYYMMDD) when the contract has been modified (up to 5 days before today)
ContractDate	date	8	Contract date

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
(optional)			(YYYYMMDD)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 13.16 NotifyOpenCloseContractChanges

Unique key for a Open/Close Contract change is: <MarketId, ContractDate, ContractNumber, Side, RequestTime, RequestDate, OpenClose>

This layout returns the list of Open/Close changes.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code (*ALL = non clearing members included)
ContractDate	date	8	Contract date (YYYYMMDD)
ContractNumber	integer	10	Contract number assigned by the Clearing House
AccountType	string	1	Account type (P = proper, C = client)
SubAccount	string	4	Sub Account

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
			(Optional) (*)
Symbol	string	6	Class symbol
ExpirationDate	date	8	Expiry date (YYYYMMDD)
StrikePrice	float	7.6	Strike price
PutCall	string	1	Put/Call option (P= put, C= call, blank)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
Quantity	integer	10	Contract quantity
Side	string	1	Contract side (B = buy, S = sell)
OpenClose	string	1	Open / Close flag: 1 or O = open 2 or C = close
RequestTime	time	6	Request time (HHMMSS)
RequestState	string	1	Status ( P = processed, R = refused)
ReturnCode	string	4	Return Code
ClientInfo	string	12	Free text client information (optional)

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			(*)
ClientCode	string	9	Client code (optional) (*)
SeriesId	string	30	Series name
MarketContractNumber	integer	10	Contract number assigned by the market
RequestDate	date	8	Date (YYYYMMDD) when the contract has been modified (up to 5 days before today)

## 13.17 SubscribeOpenCloseContractChanges

This layout allows to subscribe for new Open/Close change events. Data is returned in the NotifySubOpenCloseContractChanges.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

# Data Layouts

January 2021

## 13.18 NotifySubOpenCloseContractChanges

Unique key for a Open/Close Contract change is: <MarketId, ContractDate, ContractNumber, Side, RequestTime, RequestDate, OpenClose>

This layout returns new Open/Close change events.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code (*ALL = non clearing members included)
ContractDate	date	8	Contract date (YYYYMMDD)
ContractNumber	integer	10	Contract number assigned by the Clearing House
AccountType	string	1	Account type (P = proper, C = client)
SubAccount	string	4	Sub Account (Optional) (*)
Symbol	string	6	Class symbol
ExpirationDate	date	8	Expiry date (YYYYMMDD)
StrikePrice	float	7.6	Strike price
PutCall	string	1	Put/Call option (P= put, C= call, blank)
ISINCode	string	12	The code which uniquely identifies a specific securities

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
			issue (International Securities Identification Number)
Quantity	integer	10	Contract quantity
Side	string	1	Contract side (B = buy, S = sell)
OpenClose	string	1	Open / Close flag: 1 or O = open 2 or C = close
RequestTime	time	6	Request time (HHMMSS)
RequestState	string	1	Status ( P = processed, R = refused)
ReturnCode	string	4	Return Code
ClientInfo	string	12	Free text client information (optional) (*)
ClientCode	string	9	Client code (optional) (*)
SeriesId	string	30	Series name
MarketContractNumber	integer	10	Contract number assigned by the market
RequestDate	date	8	Date (YYYYMMDD) when the contract has been modified (up to

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			5 days before today)

## 13.19 SubmitClientCodeContractChange

This layout allows to change the Client Code field of a trade.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
ContractDate	date	8	Contract date (YYYYMMDD)
ContractNumber	integer	10	Contract number assigned by CC&G
MarketId	string	2	Market identification code
Side	string	1	Contract side (B = buy, S = sell)
ClientCode	string	9	Client code (°)
GrossPositionRectification	string	1	Gross position rectification (Y = yes, N = no)
ClientInfo	string	16	Free text client information (optional) (°)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			Garanzia)

## 13.20 InquireClientCodeContractChanges

This layout allows to download the list of the Client Code changes. Data is returned in the NotifyClientCodeContractChanges.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AbiCode	string	5	ABI member code ( *ALL = non clearing members included)
RequestDate	date	8	Date (YYYYMMDD) when the contract has been modified (up to 5 days before today)
ContractDate (optional)	date	8	Contract date (YYYYMMDD)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 13.21 NotifyClientCodeContractChanges

Unique key for a Client Code change is: <MarketId, ContractDate, ContractNumber, Side, OrigClientCode, ClientCode, RequestTime, RequestDate>

This layout returns the list of Client Code changes.



# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code ( *ALL = non clearing members included)
ContractDate	date	8	Contract date (YYYYMMDD)
ContractNumber	integer	10	Contract number assigned by the Clearing House
Side	string	1	Contract side (B = buy, S = sell)
AccountType	string	1	Account type (P = proper, C = client)
OpenClose	string	1	Open / Close flag: 1 or O = open 2 or C = close
OrigClientCode	string	9	Client code before modifications (*)
OrigSubAccount	string	4	Sub Account (Optional) before modifications (for future

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# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
			uses) (*)
ClientCode	string	9	Client code (*)
SubAccount	string	4	Sub Account (Optional) (*)
GrossPositionRectification	string	1	Gross position rectification (Y = yes, N = no)
Symbol	string	6	Class symbol
ExpirationDate	date	6	Expiry date (YYYYMM)
StrikePrice	float	7.6	Strike price
PutCall	string	1	Put/Call option (P= put, C= call, blank)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
Quantity	integer	10	Contract quantity

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
RequestTime	time	6	Request time (HHMMSS)
RequestState	string	1	Status ( P = processed, R = refused)
ReturnCode	string	4	Return Code
ClientInfo	string	16	Free text client information (optional) (*)
SeriesId	string	30	Series name
MarketContractNumber	integer	10	Contract number assigned by the market
RequestDate	date	8	Date (YYYYMMDD) when the contract has been modified (up to 5 days before today)

## 13.22 SubscribeClientCodeContractChanges

This layout allows to subscribe for new Client Code change events. Data is returned in the NotifySubOpenCloseContractChanges.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 13.23 NotifySubClientCodeContractChanges

Unique key for a Client Code change is: <MarketId, ContractDate, ContractNumber, Side, OrigClientCode, ClientCode, RequestTime, RequestDate>

This layout returns new Client Code change events.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code ( *ALL = non clearing members included)
ContractDate	date	8	Contract date (YYYYMMDD)
ContractNumber	integer	10	Contract number assigned by the Clearing House
Side	string	1	Contract side (B = buy, S = sell)
AccountType	string	1	Account type (P = proper, C = client)
OpenClose	string	1	Open / Close flag: 1 or O = open

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
			2 or C = close
OrigClientCode	string	9	Client code before modifications (*)
OrigSubAccount	string	4	Sub Account (Optional) before modifications (for future uses) (*)
ClientCode	string	9	Client code (*)
SubAccount	string	4	Sub Account (Optional) (*)
GrossPositionRectification	string	1	Gross position rectification (Y = yes, N = no)
Symbol	string	6	Class symbol
ExpirationDate	date	6	Expiry date (YYYYMM)
StrikePrice	float	7.6	Strike price
PutCall	string	1	Put/Call option (P= put, C= call, blank)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
Quantity	integer	10	Contract quantity

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
RequestTime	time	6	Request time (HHMMSS)
RequestState	string	1	Status ( P = processed, R = refused)
ReturnCode	string	4	Return Code
ClientInfo	string	16	Free text client information (optional) (*)
SeriesId	string	30	Series name
MarketContractNumber	integer	10	Contract number assigned by the market
RequestDate	date	8	Date (YYYYMMDD) when the contract has been modified (up to 5 days before today)

## 13.24 InquireTradeHistory

This layout allows to download the list of clearing operations done on a specific trade. Data is returned in the NotifyTradeHistory.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
ContractNumber	integer	10	Contract number assigned by the

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			Clearing House
Side	string	1	Contract side (B = buy, S = sell)
ContractDate	date	8	Contract date (YYYYMMDD)
ABiCode	string	5	ABI member code (*ALL = non clearing members included)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 13.25 NotifyTradeHistory

This layout returns the list of clearing operations done on a specific trade.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code (*ALL = non clearing members included)
AccountType	string	1	Account type (P = proper, C = client)
Symbol	string	6	Class symbol

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
ExpirationDate	date	6	Expiry date (YYYYMM)
StrikePrice	float	7.6	Strike price
PutCall	string	1	Put/Call option (P= put, C= call, blank)
SeriesId	string	30	Series name
ContractDate	date	8	Contract date (YYYYMMDD)
ContractTime	time	6	Contract time (HHMMSS)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
Quantity	integer	10	Contract quantity
Price	float	7.6	Contract price
OpenClose	string	1	Open / Close flag: 1 or O = open 2 or C = close
ContractNumber	integer	10	Contract number assigned by the Clearing House
OrigContractNumber	integer	10	Original contract number before splitting



# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
			In case of multiple separation, the original trade contract number is shown
Side	string	1	Contract side (B = buy, S = sell)
ClientInfo	string	16	Free text client information (optional) (*)
ClientCode	string	9	Client code (*)
SubAccount	string	4	Sub Account (Optional) (*)
DeliverAbiCode	string	5	Deliver member ABI code
ReceiverAbiCode	string	5	Receiver member ABI code
DeliverAccountType	string	1	Deliver member account type (P = proper, C = client)
ReceiverAccountType	string	1	Receiver member account type (P = proper, C = client)
MarketContractNumber	integer	10	Contract number assigned by the market
Operation	string	20	Clearing operation done on the trade

# Data Layouts

January 2021

## 13.26 SubmitSplitContract

This layout allows to split a trade into at least 2 new trades (and a maximum of 8 new trades). Every trade generated from a split can be split again until a trade with quantity = 1 is generated.

The number of new trades to be generated is determined by the number of ContractSplitQuantity fields that correctly filled.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
ContractNumber	integer	10	Contract number assigned by CC&G
ContractDate	date	8	Contract date (YYYYMMDD)
Side	string	1	Contract side (B = buy, S = sell)
RectifyPosition	string	1	Rectify position (Y = yes, N = no)
ContractSplitQuantity1	integer	8	Split contract quantity (mandatory)
ClientCode1	string	9	Client code (optional) (°)
ClientInfo1	string	16	Free text client information (optional) (°)
ContractSplitQuantity2	integer	8	Split contract quantity (mandatory)
ClientCode2	string	9	Client code (optional)(°)
ClientInfo2	string	16	Free text client information (optional). (°)

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
ContractSplitQuantity3	integer	8	Split contract quantity (optional)
ClientCode3	string	9	Client code (optional) (°)
ClientInfo3	string	16	Free text client information (optional). (°)
ContractSplitQuantity4	integer	8	Split contract quantity (optional)
ClientCode4	string	9	Client code (optional) (°)
ClientInfo4	string	16	Free text client information (optional). (°)
ContractSplitQuantity5	integer	8	Split contract quantity (optional)
ClientCode5	string	9	Client code (optional) (°)
ClientInfo5	string	16	Free text client information (optional). (°)
ContractSplitQuantity6	integer	8	Split contract quantity (optional)
ClientCode6	string	9	Client code (optional) (°)
ClientInfo6	string	16	Free text client information (optional). (°)

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
ContractSplitQuantity7	integer	8	Split contract quantity (optional)
ClientCode7	string	9	Client code (optional) (°)
ClientInfo7	string	16	Free text client information (optional). (°)
ContractSplitQuantity8	integer	8	Split contract quantity (optional)
ClientCode8	string	9	Client code (optional) (°)
ClientInfo8	string	16	Free text client information (optional). (°)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 13.27 InquireSplitContracts

This layout allows to download the list of the trades generated from a split. Data is returned in the NotifyInqSplitContracts.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
ContractDate	date	8	Request date (YYYYMMDD)

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
AbiCode	string	5	ABI member code ( *ALL = non clearing members included)
MarketId	string	2	Market identification code
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 13.28 NotifyInqSplitContracts

Unique key for a Split Contract is: < RequestKey >

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
OrigContractNumber	integer	10	Original Contract number assigned by the Clearing House  In case of multiple separation, the previous separated trade contract number is shown
ContractDate	date	8	Contract date (YYYYMMDD)
AccountType	string	1	Account type (P = proper, C = client)

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
Side	string	1	Contract side (B = buy, S = sell)
SeriesId	string	30	Series name
MarketContractNumber	integer	10	Contract number assigned by the market
AbiCode	string	5	ABI member code (*ALL = non clearing members included)
MarketId	string	2	Market identification code
RequestDate	date	8	RequestDate
ContractNumber1	integer	10	New Contract number assigned by the Clearing House
ContractQuantity1	integer	8	Contract quantity
ClientCode1	string	9	Client Code (*)
ClientInfo1	string	16	Free text client information (*)
ContractNumber2	integer	10	New Contract number assigned by the Clearing House
ContractQuantity2	integer	8	Contract quantity
ClientCode2	string	9	Client Code (*)

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
ClientInfo2	string	16	Free text client information (*)
ContractNumber3	integer	10	New Contract number assigned by the Clearing House
ContractQuantity3	integer	8	Contract quantity
ClientCode3	string	9	Client Code (*)
ClientInfo3	string	16	Free text client information (*)
ContractNumber4	integer	10	New Contract number assigned by the Clearing House
ContractQuantity4	integer	8	Contract quantity
ClientCode4	string	9	Client Code (*)
ClientInfo4	string	16	Free text client information (*)
ContractNumber5	integer	10	New Contract number assigned by the Clearing House
ContractQuantity5	integer	8	Contract quantity
ClientCode5	string	9	Client Code (*)
ClientInfo5	string	16	Free text client information (*)
ContractNumber6	integer	10	New Contract number assigned by the

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			Clearing House
ContractQuantity6	integer	8	Contract quantity
ClientCode6	string	9	Client Code (*)
ClientInfo6	string	16	Free text client information (*)
ContractNumber7	integer	10	New Contract number assigned by the Clearing House
ContractQuantity7	integer	8	Contract quantity
ClientCode7	string	9	Client Code (*)
ClientInfo7	string	16	Free text client information (*)
ContractNumber8	integer	10	New Contract number assigned by the Clearing House
ContractQuantity8	integer	8	Contract quantity
ClientCode8	string	9	Client Code (*)
ClientInfo8	string	16	Free text client information (*)
RequestKey	Integer	28	Key of the Split
RequestState	string	1	Status of the split: P = Processed C = Cancelled



# Data Layouts

January 2021

## 13.29 SubscribeSplitContracts

This layout allows to subscribe for new trades generated from a split. Data is returned in the NotifySubSplitContracts.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 13.30 NotifySubSplitContracts

Unique key for a Split Contract is: < RequestKey >

This layout returns new trades generated from a split.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
OrigContractNumber	integer	10	Original Contract number assigned by the Clearing House.  In case of multiple separation, the previous separated trade contract number is shown
ContractDate	date	8	Contract date (YYYYMMDD)
AccountType	string	1	Account type (P = proper, C = client)
Side	string	1	Contract side (B =

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
			buy, S = sell)
SeriesId	string	30	Series name
MarketContractNumber	integer	10	Contract number assigned by the market
AbiCode	string	5	ABI member code (*ALL = non clearing members included)
MarketId	string	2	Market identification code
RequestDate	date	8	RequestDate
ContractNumber1	integer	10	New Contract number assigned by the Clearing House
ContractQuantity1	integer	8	Contract quantity
ClientCode1	string	9	Client Code (*)
ClientInfo1	string	16	Free text client information (*)
ContractNumber2	integer	10	New Contract number assigned by the Clearing House
ContractQuantity2	integer	8	Contract quantity
ClientCode2	string	9	Client Code (*)
ClientInfo2	string	16	Free text client

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
			information (*)
ContractNumber3	integer	10	New Contract number assigned by the Clearing House
ContractQuantity3	integer	8	Contract quantity
ClientCode3	string	9	Client Code (*)
ClientInfo3	string	16	Free text client information (*)
ContractNumber4	integer	10	New Contract number assigned by the Clearing House
ContractQuantity4	integer	8	Contract quantity
ClientCode4	string	9	Client Code (*)
ClientInfo4	string	16	Free text client information (*)
ContractNumber5	integer	10	New Contract number assigned by the Clearing House
ContractQuantity5	integer	8	Contract quantity
ClientCode5	string	9	Client Code (*)
ClientInfo5	string	16	Free text client information (*)
ContractNumber6	integer	10	New Contract number assigned by the

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			Clearing House
ContractQuantity6	integer	8	Contract quantity
ClientCode6	string	9	Client Code (*)
ClientInfo6	string	16	Free text client information (*)
ContractNumber7	integer	10	New Contract number assigned by the Clearing House
ContractQuantity7	integer	8	Contract quantity
ClientCode7	string	9	Client Code (*)
ClientInfo7	string	16	Free text client information (*)
ContractNumber8	integer	10	New Contract number assigned by the Clearing House
ContractQuantity8	integer	8	Contract quantity
ClientCode8	string	9	Client Code (*)
ClientInfo8	string	16	Free text client information (*)
RequestKey	integer	28	Key of the Split
RequestState	string	1	Status of the split: P = Processed C = Cancelled

---

# Data Layouts

January 2021

## 13.31 SubmitSplitContractDelete

This layout allows to cancel all the trades generated from a split. Data is returned in the NotifySplitContracts and NotifySubSplitContracts.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
RequestKey	integer	28	Key of the Split
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

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## 14.0 Guarantees

### 14.1 InquireCollateralGuarantees

This layout allows to download the list of Collateral Guarantees. Data is returned in the NotifyCollateralGuarantees.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

# Data Layouts

January 2021

## 14.2 Notify Collateral Guarantees

Unique key for a Collateral Guarantee is <ISINCode>

This layout returns the list of Collateral Guarantees.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
Description	string	30	Description
Currency	string	2	Currency
Price	float	7.8	Price
Headcut	float	3.2	

## 14.3 Subscribe Collateral Guarantees

This layout allows to subscribe for new Collateral Guarantee events.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

# Data Layouts

January 2021

## 14.4 NotifySubCollateralGuarantees

Unique key for a Collateral Guarantee is <ISINCode>

This layout returns new Collateral Guarantee events.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
Description	string	30	Description
Currency	string	2	Currency
Price	float	7.8	Price
Headcut	float	3.2	Headcut

## 14.5 InquireDepositedGuarantees

This layout allows to download the list of Deposited Guarantees. Data is returned in the NotifyDepositedGuarantees.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AbiCode	string	5	ABI member code (*ALL = non clearing members included)
AccountType	string	1	Account type (P = proper, C = client)
DepositType	string	2	Deposit type (GD = government deposit, BD = equity deposit,

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			CC = cash) (Optional)Account type (P = proper, C = client) (Optional)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 14.6 Notify Deposited Guarantees

Unique key for a Deposited Guarantee is <ABICode, AccountType, DepositType, ISINCode, DepositSerialNumber>

This layout returns the list of Deposited Guarantees.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AbiCode	string	5	Member ABI code
AccountType	string	1	Account type (P = proper, C = client)
DepositType	string	2	Deposit type (GD = government deposit, BD = equity deposit, CC = cash)
DepositDate	date	8	Deposit date (YYYYMMDD)
ExpirationDate	date	8	Expiry date (YYYYMMDD)



# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
DepositQuantity	float	9.2	Quantity ( 0 = cash)
Value	float	9.2	Value for margins ( 0 = equity deposit)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number) ( blank = cash)
Description	string	30	Description
CurrencyId	string	2	Currency
FaceValue	float	9.2	Face Value ( only if type = GD or = BD)
CoveredPosition	integer	11	Number of covered positions (only if type = BD)
MemberDescription	string	30	Member description
BDDepositType	string	1	Bulk Deposit type  O = American Option E= European Option F = Future
Ineligibility	string	1	Inelegibility flag ( for bulk deposit only) The deposit cannot be used to margin
ReturnDate	date	8	Return date (YYYYMMDD)

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			Represent when the instrument has to be returned
Symbol	string	6	Class symbol ( if bulk deposit only)The positions of this product class can be margined using the deposit
BDMultiplier	float	6,0	Multiplier (if bulk deposit only)Number of stocks needed to cover one position
ModifyCurrentDay	string	1	Current day modification flag (Y = yes, N = no) It indicates if the BDDepositType has been changed in the current day.
DepositSerialNumber	float	6,0	Deposit serial number
SubAccount	string	4	Sub Account (*)

## 14.7SubscribeDepositedGuarantees

This layout allows to subscribe for new Deposited Guarantee events.

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 14.8 NotifySubDepositedGuarantees

Unique key for a Deposited Guarantee is <AbiCode, AccountType, DepositType, ISINCode, DepositSerialNumber>

This layout returns new Deposited Guarantee events.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AbiCode	string	5	Member ABI code
AccountType	string	1	Account type (P = proper, C = client)
DepositType	string	2	Deposit type (GD = government deposit, BD = equity deposit, CC = cash)
DepositDate	date	8	Deposit date (YYYYMMDD)
ExpirationDate	date	8	Expiry date (YYYYMMDD)
DepositQuantity	float	9.2	Quantity ( 0 = cash)
Value	float	9.2	Value for margins ( 0 = equity deposit)

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number) ( blank = cash)
Description	string	30	Description
CurrencyId	string	2	Currency
FaceValue	float	9.2	Face Value ( only if type = GD or = BD)
CoveredPosition	integer	11	Number of covered positions (only if type = BD)
MemberDescription	string	30	Member description
BDDepositType	string	1	Bulk Deposit type  O = American Option E= European Option F = Future
Ineligibility	string	1	Inelegibility flag ( for bulk deposit only) The deposit cannot be used to margin
ReturnDate	date	8	Return date (YYYYMMDD) Represent when the instrument has to be returned

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
Symbol	string	6	Class symbol ( if bulk deposit only)The positions of this product class can be margined using the deposit
BDMultiplier	float	6,0	Multiplier (if bulk deposit only)Number of stocks needed to cover one position
ModifyCurrentDay	string	1	Current day modification flag (Y = yes, N = no) It indicates if the BDDepositType has been changed in the current day.
DepositSerialNumber	float	6,0	Deposit serial number
SubAccount	string	4	Sub Account (*)

## 14.9SubmitBulkDeposit

This layout allows to modify the allocation type of a Bulk Deposit Guarantee (DepositType = "BD").

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AbiCode	integer	5	Member ABI code
AccountType	string	1	Account type (P = proper, C = client)

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
DepositSerialNumber	float	6,0	Deposit serial number
BDDepositType	string	1	Bulk Deposit type  O = American Option E= European Option F = Future
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 14.10 SubmitSubAccountBulkDeposit

This layout allows to modify the Sub Account of a Bulk Deposit Guarantee (DepositType = "BD").

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
AbiCode	string	5	Member ABI code
AccountType	string	1	Account type (P = proper, C = client)
DepositSerialNumber	float	6,0	Deposit serial number
SubAccount	string	4	Sub Account (*)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e

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# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			Garanzia)

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# Data Layouts

January 2021

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## 15.0 Option Exercise

### 15.1 SubmitEarlyExerciseRequest2

This layout allows to send an early exercise request for an option.

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<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code (own company or NCM)
AccountType	string	1	Account type (P = proper, C = client)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
Quantity	integer	4	Quantity to exercise
SubAccount	string	4	Sub Account (°)
ClientInfo	string	16	Free text client information (°)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)



# Data Layouts

January 2021

## 15.2InquireEarlyExercises

This layout allows to download the list of early exercise requests sent. Data is returned in the NotifyEarlyExercises.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code ( *ALL = non clearing members included)
AccountType	string	1	Account type (P = proper, C = client) (Optional)
SubAccount	string	4	Sub Account (Optional for future uses) (°)
Symbol	string	6	Class symbol ( Optional)
ExpirationDate	date	6	Expiry date (YYYYMM) (Optional)
StrikePrice	float	7.6	Strike price (Optional)
PutCall	string	1	Put/Call option (P= put, C= call, blank) (Optional)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number) (Optional)

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
RequestDate	date	8	Date (YYYYMMDD) when the contract has been modified (up to 5 days before today) (IOptional)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 15.3NotifyEarlyExercises

Unique key for an Early Exercise is <ExerciseDate, RequestKey>

This layout returns the list of early exercise requests sent.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code
AccountType	string	1	Account type (P = proper, C = client)
Symbol	string	6	Class symbol
ExpirationDate	date	6	Expiry date (YYYYMM)
StrikePrice	float	7.6	Strike price

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
PutCall	string	1	Put/Call option (P= put, C= call, blank)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
RequestKey	integer	6	Request key
ExerciseTime	time	6	Exercise time (HHMMSS)
Quantity	integer	4	Exercise quantity
InOutTheMoneyAmount	float	13,6	In/ouy of the money amount
SubAccount	string	4	Sub Account (*)
RequestState	string	1	Status of request (P = processed, C = cancelled)
ExerciseDate	date	8	Exercise date (YYYYMMDD)
TotalExerciseQuantity	integer	10	Total Exercise quantity
InOutTheMoney	string	1	In/out of the money flag (I = in, O = out)
SeriesId	string	30	Series name
RequestDate	date	8	Date (YYYYMMDD) when the contract has

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			been modified (up to 5 days before today) (IOptional)

## 15.4SubscribeEarlyExercises

This layout allows to subscribe for new early exercise request events.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 15.5NotifySubEarlyExercises

Unique key for an Early Exercise is <ExerciseDate, RequestKey>

This layout returns new early exercise request events.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code
AccountType	string	1	Account type (P = proper, C = client)

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
Symbol	string	6	Class symbol
ExpirationDate	date	6	Expiry date (YYYYMM)
StrikePrice	float	7.6	Strike price
PutCall	string	1	Put/Call option (P= put, C= call, blank)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
RequestKey	string	6	Request key
ExerciseTime	time	6	Exercise time (HHMMSS)
Quantity	integer	10	Exercise quantity
InOutTheMoneyAmount	float	13,6	In/ouy of the money amount
SubAccount	string	4	Sub Account (*)
RequestState	string	1	Status of request (P = processed, C = cancelled)
ExerciseDate	date	8	Exercise date (YYYYMMDD)
TotalExerciseQuantity	integer	10	Total Exercise quantity

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
InOutTheMoney	string	1	In/out of the money flag (I = in, O = out)
SeriesId	string	30	Series name
RequestDate	date	8	Date (YYYYMMDD) when the contract has been modified (up to 5 days before today) (IOptional)

## 15.6 SubmitEarlyExerciseDelete

This layout allows to delete an early exercise request. The RequestKey could be obtained by the NotifyEarlyExercises.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code (own company or NCM)
RequestKey	string	6	Request key (°)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

# Data Layouts

January 2021

## 15.7 SubmitExByExRequest2

This layout allows to send an exercise by exception request for an option.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code (own company or NCM)
AccountType	string	1	Account type (P = proper, C = client)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
Quantity	integer	6	Quantity to exercise
SubAccount	string	4	Sub Account (°)
ClientInfo	string	16	Free text client information (°)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

# Data Layouts

January 2021

## 15.8 InquireExByEx

This layout allows to download the list of exercise by exception requests sent. Data is returned in the NotifyExByEx.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code ( *ALL = non clearing members included)
AccountType	string	1	Account type (P = proper, C = client) (Optional)
SubAccount	string	4	Sub Account (Optional for future uses) (Optional) (°)
Symbol	string	6	Class symbol ( Optional)
StrikePrice	float	7.6	Strike price (Optional)
PutCall	string	1	Put/Call option (P= put, C= call, blank) (Optional)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number) (Optional)
InOutTheMoney	string	1	In/out of the money flag (I = in, O = out) Optional



# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 15.9 NotifyExByEx

Unique key for an Exercise By Exception is <MarketId, AbiCode, AccountType, SubAccount, ISINCode, RequestState, RequestTime>

This layout returns the list of exercise by exception requests sent.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code
AccountType	string	1	Account type (P = proper, C = client)
SubAccount	string	4	Sub Account (Optional for future uses) (*)
Symbol	string	6	Class symbol
ExpirationDate	date	6	Expiry date (YYYYMM)
StrikePrice	float	7.6	Strike price

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
PutCall	string	1	Put/Call option (P= put, C= call, blank)
ProductType	string	1	Derivative instrument Type (O = option/ F = future)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
RequestTime	time	6	Request time (HHMMSS)
ProposedQuantity	integer	10	Proposed quantity to exercise
RequestedQuantity	integer	6	Requested quantity to exercise
ClientInfo	string	16	Free text client information (*)
RequestState	string	1	Status ( P = processed, R = refused)
InOutTheMoney	string	1	In/out of the money flag (I = in, O = out) Optional
InOutTheMoneyAmount	float	13,6	In/ouy of the money amount
UnderlyingPrice	float	13.6	Price of the derivative instrument

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			/ commodity
ReturnCode	string	4	Return Code
SeriesId	string	30	Series name

## 15.10 SubscribeExByEx

This layout allows to subscribe for new exercise by exception request events.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 15.11 NotifySubExByEx

Unique key for an Exercise By Exception is <MarketId, AbiCode, AccountType, SubAccount, ISINCode, RequestState, RequestTime>

This layout returns new exercise by exception request events.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
AccountType	string	1	Account type (P = proper, C = client)
SubAccount	string	4	Sub Account (Optional for future uses) (*)
Symbol	string	6	Class symbol
ExpirationDate	date	6	Expiry date (YYYYMM)
StrikePrice	float	7.6	Strike price
PutCall	string	1	Put/Call option (P= put, C= call, blank)
ProductType	string	1	Derivative instrument Type (O = option/ F = future)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
RequestTime	time	6	Request time (HHMMSS)
ProposedQuantity	integer	10	Proposed quantity to exercise
RequestedQuantity	integer	10	Requested quantity to exercise
ClientInfo	string	16	Free text client

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
			information (*)
RequestState	string	1	Status ( P = processed, R = refused)
InOutTheMoney	string	1	In/out of the money flag (I = in, O = out) Optional
InOutTheMoneyAmount	float	13,6	In/ouy of the money amount
UnderlyingPrice	float	13.6	Price of the derivative instrument / commodity
ReturnCode	string	4	Return Code
SeriesId	string	30	Series name

## 15.12 InquireExerciseAtExpiry

This layout allows to download the list of the exercises proposed by the Clearing System during the expiration together with the exercise by exception requests sent by the customer. Data is returned in the NotifyExerciseAtExpiry.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code ( *ALL = non clearing members included)

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
ExpiryExerciseType	string	1	Type of exercise (A = all, P = proposed, E = by exception)
AccountType	string	1	Account type (P = proper, C = client) (Optional)
SubAccount	string	4	Sub Account (Optional for future uses) (°)
Symbol	string	6	Class symbol (Optional)
StrikePrice	float	7.6	Strike price (Optional)
PutCall	string	1	Put/Call option (P= put, C= call, blank) (Optional)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number) (Optional)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

# Data Layouts

January 2021

## 15.13 NotifyExerciseAtExpiry

Unique key for an Exercise At Expiry is <MarketId, AbiCode, AccountType, SubAccount, ISINCode>

This layout returns the list of the exercises proposed by the Clearing System during the expiration together with the exercise by exception requests sent by the customer.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code
AccountType	string	1	Account type (P = proper, C = client)
SubAccount	string	4	Sub Account (*)
Symbol	string	6	Class symbol
ExpirationDate	date	6	Expiry date (YYYYMM)
StrikePrice	float	7.6	Strike price
PutCall	string	1	Put/Call option (P= put, C= call, blank)
ProductType	string	1	Derivative instrument Type (O = option, F = future)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
ProposedQuantity	integer	10	Proposed quantity to exercise
RequestedQuantity	integer	10	requested quantity to exercise
ExpiryExerciseType	string	1	Type of exercise (P = proposed, E = by exception)
InOutTheMoney	string	1	In/out of the money flag (I = in, O = out) Optional
InOutTheMoneyAmount	float	13,6	In/ouy of the money amount
UnderlyingPrice	float	13.6	Price of the derivative instrument / commodity
AbandonedQuantity	integer	10	Abandoned quantity
AvailableQuantity	integer	10	Available quantity
SeriesId	string	30	Series name

## 15.14 SubscribeExerciseAtExpiry

This layout allows to subscribe for new exercise at expiry events.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG



# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			(Cassa di Compensazione e Garanzia)

## 15.15 NotifySubExerciseAtExpiry

Unique key for an Exercise At Expiry is <MarketId, AbiCode, AccountType, SubAccount, ISINCode>

This layout returns new exercise at expiry events.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code
AccountType	string	1	Account type (P = proper, C = client)
SubAccount	string	4	Sub Account (*)
Symbol	string	6	Class symbol
ExpirationDate	date	6	Expiry date (YYYYMM)
StrikePrice	float	7.6	Strike price
PutCall	string	1	Put/Call option (P= put, C= call, blank)

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
ProductType	string	1	Derivative instrument Type (O = option, F = future)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
ProposedQuantity	integer	10	Proposed quantity to exercise
RequestedQuantity	integer	10	requested quantity to exercise
ExpiryExerciseType	string	1	Type of exercise (P = proposed, E = by exception)
InOutTheMoney	string	1	In/out of the money flag (I = in, O = out) Optional
InOutTheMoneyAmount	float	13,6	In/ouy of the money amount
UnderlyingPrice	float	13.6	Price of the derivative instrument / commodity
AbandonedQuantity	integer	10	Abandoned quantity
AvailableQuantity	integer	10	Available quantity
SeriesId	string	30	Series name

# Data Layouts

January 2021

## 15.16 InquireAssignments

This layout allows to download the list of assignments received. Data is returned in the NotifyAssignments.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code (*ALL = non clearing members included)
AssignmentDate	date	8	Assignment date (YYYYMMDD)
AccountType	string	1	Account type (P = proper, C = client) (Optional)
Symbol	string	6	Class symbol (Optional)
ExpirationDate	date	6	Expiry date (YYYYMM) (Optional)
StrikePrice	float	7.6	Strike price (Optional)
PutCall	string	1	Put/Call option (P= put, C= call, blank) (Optional)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number) (Optional)

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
SubAccount	string	4	Sub Account (Optional) (°)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 15.17 NotifyAssignments

Unique key for an Assignment is <MarketId, AbiCode, AccountType, SubAccount, ISINCode, AssignmentDate>

This layout returns the list of assignments received.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
AssignmentDate	date	8	Assignment date (YYYYMMDD)
AbiCode	string	5	ABI member code
AccountType	string	1	Account type (P = proper, C = client)
SubAccount	string	4	Sub Account (*)
Symbol	string	6	Class symbol
ExpirationDate	date	6	Expiry date (YYYYMM)
StrikePrice	float	7.6	Strike price

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
PutCall	string	1	Put/Call option (P= put, C= call, blank)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
AssignedQuantity	integer	10	Assigned quantity
MarketId	string	2	Market identification code
SeriesId	string	30	Series name

## 15.18 SubscribeAssignments

This layout allows for an alert when the CC&G assignments calculation procedure ends. Info ready signal is returned in the NotifySubAssignments.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 15.19 NotifySubAssignments

This layout returns the info ready signal about the end of the assignment calculation procedure. New assignments (if available for the working company) can be downloaded using the InquireAssignments layout.

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
Text	string	200	Message text (*)

## 15.20 SubscribeAssignmentsSent

This layout allows to subscribe for new assignment events.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 15.21 NotifySubAssignmentsSent

Unique key for an Assignment is <MarketId, AbiCode, AccountType, SubAccount, ISINCode, AssignmentDate>

This layout returns new assignment events.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AssignmentDate	date	8	Assignment date (YYYYMMDD)
AbiCode	string	5	ABI member code
AccountType	string	1	Account type (P = proper, C = client)

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# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
SubAccount	string	4	Sub Account (*)
Symbol	string	6	Class symbol
ExpirationDate	date	6	Expiry date (YYYYMM)
StrikePrice	float	7.6	Strike price
PutCall	string	1	Put/Call option (P= put, C= call, blank)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
AssignedQuantity	integer	10	Assigned quantity
MarketId	string	2	Market identification code
SeriesId	string	30	Series name

# Data Layouts

January 2021

## 16.0 Clearing Messages

### 16.1 SubscribeClearingMessages

This layout allows to subscribe for new Clearing Messages sent by the clearing system.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

### 16.2 NotifyClearingMessages

Unique key for a Clearing Message is <SequenceNumber>

This layout returns new Clearing Messages sent by the clearing system.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
Description	string	200	Message text (*)
SequenceNumber	Integer	2	Sequence Number of the clearing message sent by CC&G
Date	date	8	Business Date

### 16.3 InquireClearingMessagesSent

This layout allows to download the list of Clearing Messages received during the day. Data is returned in the NotifyClearingMessagesSent.



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# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 16.4 NotifyClearingMessagesSent

Unique key for a Clearing Message is <SequenceNumber>

This layout returns the list of Clearing Messages received during the day.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
Description	string	200	Message text (*)
SequenceNumber	Integer	2	Sequence Number of the clearing message sent by CC&G
Date	date	8	Business Date

## 16.5 SubscribeIntradayMarginCalls

This layout allows to be alerted when new intraday margin calls are requested by CC&G. Info ready signal is returned in the NotifyIntradayMarginCalls.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			(Cassa di Compensazione e Garanzia)

## 16.6 NotifyIntradayMarginCalls

This layout returns the list of intraday margin calls that have been requested by CC&G. Details (if the margin calls refers to the working company) can be downloaded using the `InquireIntradayMarginCallsSent`.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
Description	string	200	Message text (*)

## 16.7 InquireIntradayMarginCallsSent

This layout allows to download the list of Intraday Margin Calls requested by CC&G during the day. Data is returned in the `NotifyIntradayMarginCallsSent`.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
Date	date	8	Date (YYYYMMDD)
ABICode	string	5	Participant Code of the customer the margin call refers to
MarginCallType	string	1	I= Integration D=Details S=Settlement

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 16.8NotifyIntradayMarginCallsSent

Unique key for an IntradayMarginCall is <Date, MarginCallType, SequenceNumber, ABICode, AccountType>

This layout returns the list of Intraday Margin Calls requested by CC&G during the day.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
Date	date	8	Date (YYYYMMDD)
ABICode	string	5	Participant Code of the customer the margin call refers to
AccountType	string	1	Account Type
InitialMargin	float	17.2	Initial margin
VariationMargin	float	17.2	Variation margin
PremiumMargin	float	17.2	Premium margin
NetMargin	float	17.2	Net margin
Asset	float	17.2	Asset

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
RequestedAmount	float	17.2	Requested amount
PercentVariation	float	17.2	Percent Variation
MarginCallType	string	1	I= Integration D=Details S=Settlement
SequenceNumber	Integer	2	Sequence Number of the intraday margin call sent by CC&G. The Sequence Number is unique per Margin Call Type.

## 16.9SubscribeIntradayMarginCallsSent

This layout allows to subscribe for new Intraday Margin Calls requested by CC&G.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 16.10 NotifySubIntradayMarginCallsSent

Unique key for an IntradayMarginCall is <Date, MarginCallType, SequenceNumber, ABICode, AccountType>

# Data Layouts

January 2021

This layout returns new Intraday Margin Calls requested by CC&G.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
Date	date	8	Date (YYYYMMDD)
ABICode	string	5	Participant Code of the customer the margin call refers to
AccountType	string	1	Account Type
InitialMargin	float	17.2	Initial margin
VariationMargin	float	17.2	Variation margin
PremiumMargin	float	17.2	Premium margin
NetMargin	float	17.2	Net margin
Asset	float	17.2	Asset
RequestedAmount	float	17.2	Requested amount
PercentVariation	float	17.2	Percent Variation
MarginCallType	string	1	I= Integration D=Details S=Settlement
SequenceNumber	Integer	2	Sequence Number of the intraday margin call sent by CC&G. The Sequence Number is unique per Margin Call Type.

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# Data Layouts

January 2021

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## 17.0 Reports

### 17.1 SubscribeReport

This layout allows an alert when a report is available. Data is returned in the NotifyReport.

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<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

### 17.2 NotifyReport

Unique key for a Report is <InfoType, BusinessDate, FileType, ParticipantCode, GCPartecipantCode>

This layout returns the information of a specific report as soon as it becomes available for the download.

---

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
InfoType	string	4	Type of report (See Appendix A)
BusinessDate	date	8	Date (YYYYMMDD)
SentDate	date	8	Sent date
SentTime	time	6	Sent time (HHMMSS)
FileType	string	1	P = PDF T = TXT

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
			X = XML Z = ZIP
ParticipantCode	string	4	Participant Code of the customer the report refers to
FileSize	integer	12	Size in bytes of the report
GCParticipantCode	string	4	Participant Code of the GCM the report refers to (filled only if a GCM can download the report)

## 17.3InquireZipReportData

This layout allows to download a specific report from the system. Data is returned in the NotifyZipReportData.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
InfoType	string	4	Type of report (See Appendix A)
Date	date	8	Date (YYYYMMDD)
FileType	string	1	P = PDF T = TXT X = XML

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			Z = ZIP
PartecipantCode	string	4	Participant Code of the customer the report refers to
GCPartecipantCode	string	4	Participant Code of the GCM the report refers to (filled only if a GCM can download the report)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 17.4 NotifyZipReportData

This layout returns the report requested in the InquireZipReportData. Records are separated by `\r\n`; the last records ends with `\r\n`.

An external unzip library instead of the GK\_UnzipBinaryData is required in order to unzip the report.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
TextBuffer	string	8096	Text buffer (*)

## 17.5 SubmitAbortInquireZipReportData

This layout allows to abort an InquireZipReportData previously sent in the case the download is not yet finished. The RequestKey code could be obtained by the transactional response of the InquireZipReportData.



# Data Layouts

January 2021

In the "Specification" field of the transactional response of the InquireZipReportData, in addition to the ack, also the identification number ("RequestKey") of the request will be returned to the user. This number will be generated by the server, as soon as an InquireZipReportData will be received.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
InfoType	string	4	Type of report See Appendix A
Date	date	8	Date (YYYYMMDD)
ParticipantCode	string	4	Participant Code of the customer the report refers to
RequestKey	string	4	Identifier of the InquireZipReportData request to abort
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 17.6 InquireReportSent

This layout allows to download the list of available reports for the specified business date. Data is returned in the NotifyReportSent.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
BusinessDate	date	8	Date (YYYYMMDD)

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 17.7 NotifyReportSent

Unique key for a Report is <InfoType, BusinessDate, FileType, ParticipantCode, GCParticipantCode>

This layout returns the list of available reports for the specified business date.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
InfoType	string	4	Type of report  See Appendix A
BusinessDate	date	8	Date (YYYYMMDD)
SentDate	date	8	Sent date (YYYYMMDD)
SentTime	time	6	Sent time (HHMMSS)
FileType	string	1	P = PDF  T = TXT  X = XML  Z = ZIP

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# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
ParticipantCode	string	4	Participant Code of the customer the report refers to
FileSize	integer	12	Size in bytes of the report
GCParticipantCode	string	4	Participant Code of the GCM the report refers to (filled only if a GCM can download the report)

# Data Layouts

January 2021

## 18.0 Sub Accounts

### 18.1 SubmitSubAccountTransfer

This layout allows to transfer a position between sub accounts belonging to same account.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AbiCode	string	5	ABI member code
AccountType	string	1	Account type (P = proper, C = client)
OrigSubAccount	string	4	Sub Account before modifications (°)
SubAccount	string	4	Sub Account (°)
GrossPositionRectification	string	1	Gross position rectification (Y = yes, N = no)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
Quantity	integer	10	Quantity
AdditionalInfo	string	100	Free text information (°)
PositionType	string	1	Position type (L= Long, S= Short)
GKMarket	string	100	Identifies the Clearing System where request has to

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 18.2InquireSubAccountTransfers

This layout allows to download the position transfers between sub accounts belonging to same account. Data is returned in the NotifySubAccountTransfers.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AbiCode	string	5	ABI member code ( *ALL = non clearing members included)
RequestDate	date	8	Transfer date (YYYYMMDD)
RequestState	string	1	Status (P = processed) (optional)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 18.3NotifySubAccountTransfers

Unique key for a Sub Account Transfer is <MarketId, AccountType , AbiCode, ISINCode, SubAccount, RequestDate, RequestTime, OrigSubAccount, SubAccount >

This layout returns the list of position transfers between sub accounts belonging to same account.

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code
RequestDate	date	8	Request date (YYYYMMDD)
RequestTime	time	6	Request time (HHMMSS)
PositionType	string	1	Position type (L= Long, S= Short)
AccountType	string	1	Account type (P = proper, C = client)
OrigSubAccount	string	4	Sub Account before modifications (*)
SubAccount	string	4	Sub Account (*)
GrossPositionRectification	string	1	Gross position rectification (Y = yes, N = no)
Symbol	string	6	Class symbol
ExpirationDate	date	6	Expiry date (YYYYMM)
StrikePrice	float	7.6	Strike price
PutCall	string	1	Put/Call option (P= put, C= call)
ProductType	string	1	Derivative instrument Type (O = option/ F =

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			future)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
Quantity	integer	10	Quantity
TransferPrice	float	7.4	Transfer Price
RequestState	string	1	Status (P = processed)
RetCode	string	4	Return Code
PositionCounterValue	float	15.2	PositionCounterValue
SeriesId	string	30	Series name

## 18.4SubscribeSubAccountTransfers

This layout allows to subscribe for new position transfers between sub accounts belonging to same account. Data is returned in the NotifySubSubAccountTransfers.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

# Data Layouts

January 2021

## 18.5 NotifySubSubAccountTransfers

Unique key for a Sub Account Transfer is <MarketId, AccountType , AbiCode, ISINCode, SubAccount, RequestDate, RequestTime, OrigSubAccount, SubAccount >

This layout returns new position transfers between sub accounts belonging to same account.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code
RequestDate	date	8	Request date (YYYYMMDD)
RequestTime	time	6	Request time (HHMMSS)
PositionType	string	1	Position type (L= Long, S= Short)
AccountType	string	1	Account type (P = proper, C = client)
OrigSubAccount	string	4	Sub Account before modifications (*)
SubAccount	string	4	Sub Account (*)
GrossPositionRectification	string	1	Gross position rectification (Y = yes, N = no)
Symbol	string	6	Class symbol
ExpirationDate	date	6	Expiry date (YYYYMM)
StrikePrice	float	7.6	Strike price



# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
PutCall	string	1	Put/Call option (P= put, C= call)
ProductType	string	1	Derivative instrument Type (O = option/ F = future)
ISINCode	string	12	The code which uniquely identifies a specific securities issue (International Securities Identification Number)
Quantity	integer	10	Quantity
TransferPrice	float	7.4	Transfer Price
RequestState	string	1	Status (P = processed)
RetCode	integer	4	Return Code
PositionCounterValue	float	15.2	PositionCounterValue
SeriesId	string	30	Series name

## 18.6 SubmitSubAccountParameter

This layout allows to create a new Sub Account.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AbiCode	string	5	ABI member code
ActivationDate	date	8	Activation date (YYYYMMDD)
KeepNetPosition	string	1	KeepNetPosition (Y/N)
AccountType	string	1	Account type (P = proper, C = client)
SubAccount	string	4	Sub Account (°) (^)
NetMargin	string	1	NetMargin flag (Y/N)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 18.7 SubmitSubAccountParameterChange

This layout allows to change an existing Sub Account.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code
ActivationDate	date	8	Activation date (YYYYMMDD) (0=No

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			modification)
KeepNetPosition	string	1	KeepNetPosition (Y/N) ('=No modification)
AccountType	string	1	Account type (P = proper, C = client)
SubAccount	string	4	Sub Account (°)
NetMargin	string	1	NetMargin flag (Y/N)
InactivationDate	date	8	Disabling date (YYYYMMDD) (0= No modification)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 18.8InquireSubAccountParameters

This layout allows to download the list of available Sub Accounts. Data is returned in the NotifySubAccountParameters.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AbiCode	string	5	ABI member code (*ALL = non clearing members included)
MarketId	string	2	Market identification

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			code
AccountType	string	1	Account type (P = proper, C = client) (optional)
SubAccount	string	4	Sub Account (optional) (°)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 18.9NotifySubAccountParameters

Unique key for a Sub Account is <MarketId, AbiCode, AccountType, SubAccount>

This layout returns the list of available Sub Accounts.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code
ActivationDate	date	8	Activation date (YYYYMMDD)
MarginazioneNettaFlag	string	1	MarginazioneNettaFlag
AccountType	string	1	Account type (P =

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			proper, C = client)
SubAccount	string	4	Sub Account (*)
NettingPosizioniFlag	string	1	Netting Positions flag
DisablingDate	date	8	Disabling date (YYYYMMDD)
CreationDate	date	8	Creation date (YYYYMMDD)
ModifyDate	date	8	Last modification date (YYYYMMDD)
MarketMakerFlag	string	1	Market Maker flag
LiquidityProviderFlag	string	1	Liquidity Provider flag
SubAccountStatus	string	1	Status

## 18.10 SubscribeSubAccountParameters

This layout allows to subscribe for the creation of new Sub Accounts or for the change of an existing one. Data is returned in the NotifySubSubAccountParameters.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

# Data Layouts

January 2021

## 18.11 NotifySubSubAccountParameters

Unique key for a Sub Account is <MarketId, AbiCode, AccountType, SubAccount>

This layout returns events about a creation of a new Sub Account or a change to an existing one.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code
ActivationDate	date	8	Activation date (YYYYMMDD)
MarginazioneNettaFlag	string	1	MarginazioneNettaFlag
AccountType	string	1	Account type (P = proper, C = client)
SubAccount	string	4	Sub Account (*)
NettingPosizioniFlag	string	1	Netting Positions flag
DisablingDate	date	8	Disabling date (YYYYMMDD)
CreationDate	date	8	Creation date (YYYYMMDD)
ModifyDate	date	8	Last modification date (YYYYMMDD)
MarketMakerFlag	string	1	Market Maker flag
LiquidityProviderFlag	string	1	Liquidity Provider flag

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
SubAccountStatus	string	1	Status

## 18.12 SubmitSubAccountClientCodeLink

This layout allows to create a Sub Account / Client Code link. The Client Code created can be used in the SubmitClientCodeContractChange to transfer a trade to a Sub Account belonging to same account.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code
ClientCode	string	9	Client code (°)
AccountType	string	1	Account type (P = proper, C = client)
SubAccount	string	4	Sub Account (°)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 18.13 InquireSubAccountClientCodeLinks

This layout allows to download the list of Sub Account / Client Code links. Data is returned in the NotifySubAccountClientCodeLinks.

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code ( *ALL = non clearing members included)
AccountType	string	1	Account type (P = proper, C = client) (optional)
SubAccount	string	4	Sub Account (optional) (°)
ClientCode	string	9	Client code (optional) (beginning with ...) (°)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 18.14 NotifySubAccountClientCodeLinks

Unique key for a Sub Account / Client Code Link is <MarketId, AbiCode, AccountType, ClientCode>

This layout returns the list of Sub Account / Client Code links.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	string	2	Market identification code



# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AbiCode	string	5	ABI member code
CreationDate	date	8	Creation date (YYYYMMDD)
ModifyDate	date	8	Modification date (YYYYMMDD)
ClientCode	string	9	Client code (*)
AccountType	string	1	Account type (P = proper, C = client)
SubAccount	string	4	Sub Account (*)
SubAccountStatus	string	1	Sub Account Status

## 18.15 SubscribeSubAccountClientCodeLinks

This layout allows to subscribe for the creation of new Sub Account / Client Code links or for the change of an existing one. Data is returned in the NotifySubSubAccountClientCodeLinks.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 18.16 NotifySubSubAccountClientCodeLinks

Unique key for a Sub Account / Client Code Link is <MarketId, AbiCode, AccountType, ClientCode>

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# Data Layouts

January 2021

This layout returns events about a creation of a new Sub Account / Client Code link or a change to an existing one.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code
CreationDate	date	8	Creation date (YYYYMMDD)
ModifyDate	date	8	Modification date (YYYYMMDD)
ClientCode	string	9	Client code (*)
AccountType	string	1	Account type (P = proper, C = client)
SubAccount	string	4	Sub Account (*)
SubAccountStatus	string	1	Sub Account Status

## 18.17 SubmitSubAccountClientCodeLinkChange

This layout allows to change an existing Sub Account / Client Code link.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code
ClientCode	string	9	Client code (°)

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AccountType	string	1	Account type (P = proper, C = client)
SubAccount	string	4	Sub Account (°)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 18.18 InquireSubAccountClientCodeLinkChange

This layout allows to download the list of Sub Account / Client Code link changes sent during the current business date. Data is returned in the NotifySubAccountClientCodeLinkChange.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AbiCode	string	5	ABI member code (*ALL = non clearing members included)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 18.19 NotifySubAccountClientCodeLinkChange

No key is needed for a SubAccountClientCodeLinkChange since any new record will be appended to the existing ones. It's not required to replace an existing record.

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code
SubAccountChangeTime	time	6	Modification time (HHMMSS)
ClientCode	string	9	Client code (*)
AccountType	string	1	Account type (P = proper, C = client)
SubAccount	string	4	Sub Account (*)
SubAccountChangeRequest	string	1	Modification type  (I : insert; M : modification; C : deletion)

## 18.20 SubscribeSubAccountClientCodeLinkChange

This layout allows to subscribe for new Sub Account / Client Code link changes sent during the current business date. Data is returned in the NotifySubSubAccountClientCodeLinkChange.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

# Data Layouts

January 2021

## 18.21 NotifySubSubAccountClientCodeLinkChange

No key is needed for a SubAccountClientCodeLinkChange since any new record will be appended to the existing ones. It's not required to replace an existing record.

This layout returns events about a creation of a new Sub Account – Client Code link or a change to an existing one.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code
SubAccountChangeTime	time	6	Modification time (HHMMSS)
ClientCode	string	9	Client code (*)
AccountType	string	1	Account type (P = proper, C = client)
SubAccount	string	4	Sub Account (*)
SubAccountChangeRequest	string	1	Modification type (I : insert; M : modification; C : deletion)

## 18.22 SubmitSubAccountClientCodeLinkDelete

This layout allows to delete an existing Sub Account / Client Code link.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			code (mandatory)
AbiCode	string	5	ABI member code (mandatory)
ClientCode	string	9	Client code (mandatory) (°)
AccountType	string	1	Account type (P = proper, C = client) (mandatory)
SubAccount	string	4	Sub Account (mandatory) (°)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 18.23 SubmitDeleteSubAccountClientCodeLinkChange

This layout allows to delete any change on an existing Sub Account / Client Code link requested on the current business date.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code
ClientCode	string	9	Client code (°)

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# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AccountType	string	1	Account type (P = proper, C = client)
SubAccount	string	4	Sub Account (°)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

# Data Layouts

January 2021

## 19.0 Automatic Give Up

### 19.1 SubmitGiveOutParameter

This layout allows to create a new Give Out. The Give Out code created can be used in the SubmitClientCodeContractChange to send an Automatic Give-Up to another clearing member. The Description Code field has to be the same that is set-up in the Take Up code of the receiver member.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
DeliverAbiCode	string	5	Deliver member ABI code
AccountType	string	1	Account type (only C = client is accepted)
ReceiverAbiCode	string	5	Receiver member ABI code
ClientCode	string	9	Client code (°)
RectifyPosition	string	1	Rectify position (Y = yes, N = no)
DescriptionCode	string	50	Description text
ActivationDate	date	8	Activation date (YYYYMMDD)
ShareClientCode	string	1	Share ClientCode (Y = share with receiver, N = don't share)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG



# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			(Cassa di Compensazione e Garanzia)

## 19.2SubmitGiveOutParameterChange

This layout allows to change an already existing Give Out

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
DeliverAbiCode	string	5	Deliver member ABI code
AccountType	string	1	Account type (only C = client is accepted)
ReceiverAbiCode	string	5	Receiver member ABI code
ClientCode	string	9	Client code (°)
RectifyPosition	string	1	Rectify position (Y = yes, N = no) (optional)
ShareClientCode	string	1	Share ClientCode (Y = share with receiver, N = don't share) (optional)
DescriptionCode	string	50	Description text (optional)
ActivationDate	date	8	Activation date (YYYYMMDD)

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
			(optional)
InactivationDate	date	8	Inactivation date (YYYYMMDD)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 19.3InquireGiveOutParameters

This layout allows to download the list of Give Out codes. Data is returned in the NotifyGiveOutParameters.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	string	2	Market identification code
DeliverAbiCode	string	5	Deliver member ABI code
AccountType	string	1	Account type (only C = client is accepted)
ClientCode	string	9	Client code (°)(optional)
ReceiverAbiCode	string	5	Receiver member ABI code (optional)
DescriptionCode	string	50	Description text

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			(optional)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 19.4 NotifyGiveOutParameters

Unique key for a Give Out is <MarketId, DeliverAbiCode, AccountType, ClientCode>

This layout returns the list of Give Out codes.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
DeliverAbiCode	string	5	Deliver member ABI code
AccountType	string	1	Account type (P = proper, C = client)
ClientCode	string	9	Client code (°)
ReceiverAbiCode	string	5	Receiver member ABI code (optional)
RectifyPosition	string	1	Rectify position (Y = yes, N = no)
DescriptionCode	string	50	Description text

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
ActivationDate	date	8	Activation date (YYYYMMDD)
InactivationDate	date	8	Inactivation date (YYYYMMDD)
CreationDate	date	8	Creation date (YYYYMMDD)
ModifyDate	date	8	Modification date (YYYYMMDD)
GiveOutStatus	string	1	Status (A=Active, D=Inactive)
ShareClientCode	string	1	Share ClientCode (Y = share with receiver, N = don't share)

## 19.5SubscribeGiveOutParameters

This layout allows to subscribe for the creation of new Give Out codes or for the change of an existing one. Data is returned in the NotifySubGiveOutParameters.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

# Data Layouts

January 2021

## 19.6 NotifySubGiveOutParameters

Unique key for a Give Out is <MarketId, DeliverAbiCode, AccountType, ClientCode>

This layout returns events about a creation of a new Give Out code or a change to an existing one.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	string	2	Market identification code
DeliverAbiCode	string	5	Deliver member ABI code
AccountType	string	1	Account type (P = proper, C = client)
ClientCode	string	9	Client code (°)
ReceiverAbiCode	string	5	Receiver member ABI code (optional)
RectifyPosition	string	1	Rectify position (Y = yes, N = no)
DescriptionCode	string	50	Description text
ActivationDate	date	8	Activation date (YYYYMMDD)
InactivationDate	date	8	Inactivation date (YYYYMMDD)
CreationDate	date	8	Creation date (YYYYMMDD)
ModifyDate	date	8	Modification date (YYYYMMDD)

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
GiveOutStatus	string	1	Status (A=Active, D=Inactive)
ShareClientCode	string	1	Share ClientCode (Y = share with receiver, N = don't share)

## 19.7 SubmitTakeUpParameter

This layout allows to create a new Take Up. The Take Up code needs to be created in order accept an Automatic Give-Up from another clearing member. The Description Code field has to be the same that is set-up in the Give Out code of the deliver member.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	string	2	Market identification code
DeliverAbiCode	string	5	Deliver member ABI code
ReceiverAbiCode	string	5	Receiver member ABI code
AccountType	string	1	Account type (P = proper, C = client)
ClientCode	string	9	Client code (°)
AdditionalInfo	string	16	Free text information
OpenClose	integer	1	Open / Close flag (O = open, C = close, T = Assigned by Trader)
DescriptionCode	string	50	Description text

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
ActivationDate	date	8	Activation date (YYYYMMDD)
ShareClientCode	string	1	Share ClientCode (Y = assigned by trader, N = customized)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 19.8 SubmitTakeUpParameterChange

This layout allows to change an already existing Take Up.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
DeliverAbiCode	string	5	Deliver member ABI code
ReceiverAbiCode	string	5	Receiver member ABI code
AccountType	string	1	Account type (P = proper, C = client) (optional)

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
ClientCode	string	9	Client code (°)(optional)
AdditionalInfo	string	16	Free text information(optional)
OpenClose	integer	1	Open / Close flag (O = open, C = close, T = assigned by Trader) (optional)
ShareClientCode	string	1	Share ClientCode (Y = assigned by trader, N = customized)(optional)
DescriptionCode	string	50	Description text
ActivationDate	date	8	Activation date (YYYYMMDD) (optional)
InactivationDate	date	8	Inactivation date (YYYYMMDD) (optional)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 19.9InquireTakeUpParameters

This layout allows for the download of the list of Take Up codes. Data is returned in the NotifyTakeUpParameters.



# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	string	2	Market identification code
ReceiverAbiCode	string	5	Receiver member ABI code
DeliverAbiCode	string	5	Deliver member ABI code(optional)
AccountType	string	1	Account type (P = proper, C = client)
ClientCode	string	9	Client code (°)(optional)
DescriptionCode	string	50	Free description text (optional)
AdditionalInfo	string	16	Free text information(optional)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 19.10 NotifyTakeUpParameters

Unique key for a Take Up is <MarketId, DeliverAbiCode,ReceiverAbiCode, DescriptionCode >

This layout returns the list of Take Up codes.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
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# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	string	2	Market identification code
DeliverAbiCode	string	5	Deliver member ABI code
AccountType	string	1	Account type (P = proper, C = client)
ClientCode	string	9	Client code (°)
ReceiverAbiCode	string	5	Receiver member ABI code (optional)
AdditionalInfo	string	16	Free text information
DescriptionCode	string	50	Free description text
OpenClose	integer	1	Open / Close flag (O = open, C = close, T = assigned by Trader) (optional)
ActivationDate	date	8	Activation date (YYYYMMDD)
InactivationDate	date	8	Inactivation date (YYYYMMDD)
CreationDate	date	8	Creation date (YYYYMMDD)
ModifyDate	date	8	Modification date (YYYYMMDD)
TakeUpStatus	string	1	Status (A=Active, D=Inactive)

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
ShareClientCode	string	1	Share ClientCode (Y = share with receiver, N = don't share)

## 19.11 SubscribeTakeUpParameters

This layout allows to subscribe for the creation of new Take Up codes or for the change of an existing one. Data is returned in the NotifyTakeUpParameters.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 19.12 NotifySubTakeUpParameters

Unique key for a Take Up is <MarketId, DeliverAbiCode,ReceiverAbiCode, DescriptionCode >

This layout returns events about a creation of a new Take Up code or a change to an existing one.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
DeliverAbiCode	string	5	Deliver member ABI code

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
AccountType	string	1	Account type (P = proper, C = client)
ClientCode	string	9	Client code (°)
ReceiverAbiCode	string	5	Receiver member ABI code (optional)
AdditionalInfo	string	16	Free text information
DescriptionCode	string	50	Free description text
OpenClose	integer	1	Open / Close flag (O = open, C = close, T = assigned by Trader) (optional)
ActivationDate	date	8	Activation date (YYYYMMDD)
InactivationDate	date	8	Inactivation date (YYYYMMDD)
CreationDate	date	8	Creation date (YYYYMMDD)
ModifyDate	date	8	Modification date (YYYYMMDD)
TakeUpStatus	string	1	Status (A=Active, D=Inactive)
ShareClientCode	string	1	Share ClientCode (Y = share with receiver, N = don't share)

# Data Layouts

January 2021

## 20.0 Risk Management

### 20.1 SubmitStandardPortfolioParameter

This layout allows to create a new Standard Portfolio. A Portfolio is a group of positions that can be used for the Margin Limit and the What If functionalities.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
PortfolioName	string	20	Portfolio Name
AbiCode	string	5	ABI member code (own company or NCM)
AccountType	string	1	Account type (P = Proper, C = Client, A= All)
MembersList	list	-	<p>List of members whose positions should compose the standard portfolio</p> <p>A member is defined by:</p> <p>&lt;MarketId, ABICode&gt;</p> <p>In case the ABICode of the portfolio is GCM on the specified MarketId of the MembersList, the ABICode of the MembersList could be filled with one of its NCMs ABICode or with “*ALL”.</p> <p>MarketID can assume the value “*BND”. This wildcard allows to</p>

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			select all positions belonging to bond markets.
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 20.2 SubmitStandardPortfolioParameterChange

This layout allows to change an existing Standard Portfolio. MarketId, PortfolioName and AbiCode cannot be changed since they form the primary key of the Standard Portfolio.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
PortfolioName	string	20	Portfolio Name
AbiCode	string	5	ABI member code (own company or NCM)
AccountType	string	1	Account type (P = Proper, C = Client, A= All)
MembersList	list	-	List of members whose positions should compose the standard portfolio  A member is defined

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			by:  <MarketId, ABICode>  In case the ABICode of the portfolio is GCM on the specified MarketId of the MembersList, the ABICode of the MembersList could be filled with one of its NCMs ABICode or with "*ALL".  MarketID can assume the value "*BND". This wildcard allows to select all positions belonging to bond markets.
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 20.3 SubmitStandardPortfolioParameterDelete

This layout allows to delete an existing Standard Portfolio.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
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# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
PortfolioName	string	20	Portfolio Name
AbiCode	string	5	ABI member code (own company or NCM)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 20.4 InquireStandardPortfolioParameters

This layout allows to download the list of Standard Portfolios. Data is returned in the NotifyStandardPortfolioParameters.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
AbiCode	string	5	ABI member code (*ALL = non clearing members included)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 20.5 NotifyStandardPortfolioParameters

Unique Key for a Portfolio is: <PortfolioName, AbiCode>



# Data Layouts

January 2021

This layout returns the list of Standard Portfolios.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
PortfolioName	string	20	Portfolio Name
AbiCode	string	5	ABI member code (own company or NCM)
AccountType	string	1	Account type (P = Proper, C = Client, A= All)
MembersList	list	-	<p>List of members whose positions should compose the standard portfolio</p> <p>A member is defined by:</p> <p>&lt;MarketId, ABICode&gt;</p> <p>In case the ABICode of the portfolio is GCM on the specified MarketId of the MembersList, the ABICode of the MembersList could be filled with one of its NCMs ABICode or with “*ALL”.</p>
CreationDate	date	8	Creation date (YYYYMMDD)
ModifyDate	date	8	Modification date (YYYYMMDD)

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
PortfolioStatus	string	1	Status (A=Active, D=Inactive)

## 20.6SubscribeStandardPortfolioParameters

This layout allows to subscribe for the creation of new Standard Portfolios or for the change of an existing one. Data is returned in the NotifySubStandardPortfolioParameters.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 20.7NotifySubStandardPortfolioParameters

Unique Key for a Portfolio is: <PortfolioName, AbiCode>

This layout returns events about a creation of a new Standard Portfolio or a change to an existing one.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
PortfolioName	string	20	Portfolio Name
AbiCode	string	5	ABI member code (own company or NCM)
AccountType	string	1	Account type (P = Proper, C = Client, A= All)

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MembersList	list	-	List of members whose positions should compose the standard portfolio  A member is defined by:  <MarketId, ABICode>  In case the ABICode of the portfolio is GCM on the specified MarketId of the MembersList, the ABICode of the MembersList could be filled with one of its NCMs ABICode or with “*ALL”.
CreationDate	date	8	Creation date (YYYYMMDD)
ModifyDate	date	8	Modification date (YYYYMMDD)
PortfolioStatus	string	1	Status (A=Active, R=Reversing, D=Inactive)

## 20.8SubmitCustomPortfolioParameter

This layout allows to create a new Custom Portfolio. A Portfolio is a group of positions that can be used for the Margin Limit and the What If functionalities.

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
PortfolioName	string	20	Portfolio Name
AbiCode	string	5	ABI member code (own company or NCM)
PositionKeysList	list	-	List of position keys the portfolio should be composed by. A position key is defined by:  <MarketId, Account Type, ABI Code, ISIN Code, Sub Account, Expiration Date>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 20.9 SubmitCustomPortfolioParameterChange

This layout allows to change an existing Custom Portfolio. PortfolioName and AbiCode cannot be changed since they form the primary key of the Custom Portfolio.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
PortfolioName	string	20	Portfolio Name
AbiCode	string	5	ABI member code (own company or NCM)

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
PositionKeysList	list	-	List of position keys the portfolio should be composed by. A position key is defined by:  <MarketId, Account Type, ABI Code, ISIN Code, Sub Account, Expiration Date>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 20.10 SubmitCustomPortfolioParameterDelete

This layout allows to delete an existing Custom Portfolio.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
PortfolioName	string	20	Portfolio Name
AbiCode	string	5	ABI member code (own company or NCM)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

# Data Layouts

January 2021

## 20.11 InquireCustomPortfolioParameters

This layout allows to download the list of Custom Portfolios. Data is returned in the NotifyCustomPortfolioParameters.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AbiCode	string	5	ABI member code ( *ALL = non clearing members included)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 20.12 NotifyCustomPortfolioParameters

Unique Key for a Portfolio is: <PortfolioName, AbiCode>

This layout returns the list of Custom Portfolios.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
PortfolioName	string	20	Portfolio Name
AbiCode	string	5	ABI member code (own company or NCM)
PositionKeysList	list	-	List of position keys the portfolio should be composed by. A position key is defined by:  <MarketId, Account

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			Type, ABI Code, ISIN Code, Sub Account, Expiration Date>
CreationDate	date	8	Creation date (YYYYMMDD)
ModifyDate	date	8	Modification date (YYYYMMDD)
PortfolioStatus	string	1	Status (A=Active, D=Inactive)

## 20.13 SubscribeCustomPortfolioParameters

This layout allows to subscribe for the creation of new Custom Portfolios or for the change of an existing one. Data is returned in the NotifySubCustomPortfolioParameters.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 20.14 NotifySubCustomPortfolioParameters

Unique Key for a Portfolio is: <PortfolioName, AbiCode>

This layout returns events about a creation of a new Custom Portfolio or a change to an existing one.

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
PortfolioName	string	20	Portfolio Name
AbiCode	string	5	ABI member code (own company or NCM)
PositionKeysList	list	-	List of position keys the portfolio should be composed by. A position key is defined by:  <MarketId, Account Type, ABI Code, ISIN Code, Sub Account, Expiration Date>
CreationDate	date	8	Creation date (YYYYMMDD)
ModifyDate	date	8	Modification date (YYYYMMDD)
PortfolioStatus	string	1	Status (A=Active, R=Reversing, D=Inactive)

## 20.15 SubmitTradeLimitParameter

This layout allows to create a new Trade Limit.

For Cash markets only the ProductGroup field is needed. For Derivatives markets, also the ProductType, PutCall, ExpirationDate, StrikePrice fields could be specified to define a more refined subset of instruments. It's possible to increase the level of precision of the filter until reaching the level of the single instrument (tradable series).

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
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# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	list	-	List of market identification codes
TradeLimitName	string	20	Trade Limit Name
AbiCode	string	5	ABI member code (own company or NCM)
ProductGroup	string	3	Product Group or *=All
Limit1	integer	16.2	Threshold Value 1
AccountType	string	1	Account type (P = Proper, C = Client, A= All)
ProductType	string	1	Product type (F=Future, O = Option, A= All)
PutCall	string	1	Put/Call option (P= put, C= call, A= All)
ExpirationDate	list	-	List of Expiry Dates. Each expiry date has the (YYYYMMDD) format.
StrikePrice	list	-	List of Strike Prices
LimitIndicator	string	1	Premium/Strike Price (P = Premium, S = Strike Price). If not specified, the S value is used.
Limit2	int	3	Threshold Value 2 (percentage increase)

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			of Limit1)
Limit3	int	3	Threshold Value 3 percentage increase of Limit2)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 20.16 SubmitTradeLimitParameterChange

This layout allows to change an existing Trade Limit. MarketId, TradeLimitName and AbiCode cannot be changed since they form the primary key of the Trade Limit.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	list	-	List of market identification codes
TradeLimitName	string	20	Trade Limit Name
AbiCode	string	5	ABI member code (own company or NCM)
ProductGroup	string	3	Product Group or *=All
Limit1	float	16.2	Threshold Value 1
AccountType	string	1	Account type (P = Proper, C = Client, A= All)

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
ProductType	string	1	Product type (F=Future, O = Option, A= All)
PutCall	string	1	Put/Call option (P= put, C= call, A= all)
ExpirationDate	list	-	List of Expiry Dates. Each expiry date has the (YYYYMMDD) format.
StrikePrice	list	-	List of Strike Prices
LimitIndicator	string	1	Premium/Strike Price (P = Premium, S = Strike Price)
Limit2	int	3	Threshold Value 2 (percentage increase of Limit1)
Limit3	int	3	Threshold Value 3 percentage increase of Limit2)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 20.17 SubmitTradeLimitParameterDelete

This layout allows to delete an existing Trade Limit.

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	list	-	List of market identification codes
TradeLimitName	string	20	Trade Limit Name
AbiCode	string	5	ABI member code (own company or NCM)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 20.18 InquireTradeLimitParameters

This layout allows to download the list of Trade Limits. Data is returned in the NotifyTradeLimitParameters.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	list	-	List of market identification codes
AbiCode	string	5	ABI member code (*ALL = non clearing members included)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

# Data Layouts

January 2021

## 20.19 NotifyTradeLimitParameters

Unique Key for a Trade Limit is: <MarketId, TradeLimitName, AbiCode>.

This layout returns the list of Trade Limits.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	list	-	List of market identification codes
TradeLimitName	string	20	Trade Limit Name
AbiCode	string	5	ABI member code (own company or NCM)
ProductGroup	string	3	Product Group or *=All
Limit1	float	16.2	Threshold Value 1
AccountType	string	1	Account type (P = Proper, C = Client, A= All)
ProductType	string	1	Product type (F=Future, O = Option, A= All)
PutCall	string	1	Put/Call option (P= put, C= call, A= all)
ExpirationDate	list	-	List of Expiry Dates. Each expiry date has the (YYYYMMDD) format.
StrikePrice	list	-	List of Strike Prices

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
LimitIndicator	string	1	Premium/Strike Price (P = Premium, S = Strike Price)
Limit2	int	3	Threshold Value 2 (percentage increase of Limit1)
Limit3	int	3	Threshold Value 3 percentage increase of Limit2)
CreationDate	date	8	Creation date (YYYYMMDD)
ModifyDate	date	8	Modification date (YYYYMMDD)
TradeLimitStatus	string	1	Status (A=Active, D=Inactive)

## 20.20 SubscribeTradeLimitParameters

This layout allows to subscribe for the creation of new Trade Limits or for the change of an existing one. Data is returned in the NotifySubTradeLimitParameters.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

# Data Layouts

January 2021

## 20.21 NotifySubTradeLimitParameters

Unique Key for a Trade Limit is: <MarketId, TradeLimitName, AbiCode>.

This layout returns events about a creation of a new Trade limit or a change to an existing one.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	list	-	List of market identification codes
TradeLimitName	string	20	Trade Limit Name
AbiCode	string	5	ABI member code (own company or NCM)
ProductGroup	string	3	Product Group or *=All
Limit1	float	16.2	Threshold Value 1
AccountType	string	1	Account type (P = Proper, C = Client, A= All)
ProductType	string	1	Product type (F=Future, O = Option, A= All)
PutCall	string	1	Put/Call option (P= put, C= call, A= all)
ExpirationDate	list	-	List of Expiry Dates. Each expiry date has the (YYYYMMDD) format.
StrikePrice	list	-	List of Strike Prices
LimitIndicator	string	1	Premium/Strike Price (P = Premium, S =

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			Strike Price)
Limit2	integer	3	Threshold Value 2 (percentage increase of Limit1)
Limit3	integer	3	Threshold Value 3 percentage increase of Limit2)
CreationDate	date	8	Creation date (YYYYMMDD)
ModifyDate	date	8	Modification date (YYYYMMDD)
TradeLimitStatus	string	1	Status (A=Active, R=Reversing, D=Inactive)

## 20.22 SubscribeTradeLimitAlarms

This layout allows to subscribe for new Trade Limit Alarms. Data is returned in the NotifySubTradeLimitAlarms.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)



# Data Layouts

January 2021

## 20.23 NotifySubTradeLimitAlarms

No key is needed for Trade Limit Alarm since any new record will be appended to the existing ones. It's not required to replace an existing record.

This layout returns new Trade Limit Alarms.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	list	-	List of market identification codes
TradeLimitName	string	20	Trade Limit Name
AbiCode	string	5	ABI member code (own company or NCM)
ExceededLimit	integer	1	Exceeded Limit (0 = None, 1 = Limit1, 2 = Limit2, 3 = Limit3)
CurrentValue	float	16.2	Countervalue (for Cash Markets) or Notional Value (for Derivatives Markets) of the trade which exceeded the limit or last value calculated by the system
ContractNumber	string	10	Contract number assigned by CC&G of trade which exceeded the limit
Side	string	1	Contract side (B = buy, S = sell) of the trade which exceeded the limit

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AlarmTime	time	6	Alarm Time (HHMMSS)

## 20.24 SubmitPositionLimitParameter

This layout allows to create a new Position Limit.

For Cash markets only the ProductGroup field is needed. For Derivatives markets, also the ProductType, PutCall, ExpirationDate, StrikePrice fields could be specified to define a specific subset of instruments. It's possible to increase the level of precision of the filter until reaching the level of the single instrument (tradable series).

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	list	-	List of market identification codes
PositionLimitName	string	20	Position Limit Name
AbiCode	string	5	ABI member code (own company or NCM)
ProductGroup	string	3	Product Group or *=All
Limit1	float	16.2	Threshold Value 1
AccountType	string	1	Account type (P = Proper, C = Client, A= All)
ProductType	string	1	Product type (F=Future, O = Option, A= All)

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
PutCall	string	1	Put/Call option (P= put, C= call, A= All)
ExpirationDate	list	-	List of Expiry Dates. Each expiry date has the (YYYYMMDD) format.
StrikePrice	list	-	List of Strike Prices
LimitIndicator	string	1	Strike Price (S = Strike Price)
Limit2	integer	3	Threshold Value 2 (percentage increase of Limit1)
Limit3	integer	3	Threshold Value 3 percentage increase of Limit2)
CrossStrikeNetting	string	1	Cross Strike Netting (Y = Yes, N= No). If not specified the Y value is used.
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 20.25 SubmitPositionLimitParameterChange

This layout allows to change an existing Position Limit. MarketId, PositionLimitName and AbiCode cannot be changed since they form the primary key of the Position Limit.

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	list	-	List of market identification codes
PositionLimitName	string	20	Position Limit Name
AbiCode	string	5	ABI member code (own company or NCM)
ProductGroup	string	3	Product Group or *=All
Limit1	float	16.2	Threshold Value 1
AccountType	string	1	Account type (P = Proper, C = Client, A= All)
ProductType	string	1	Product type (F=Future, O = Option, A= All)
PutCall	string	1	Put/Call option (P= put, C= call, A= all)
ExpirationDate	list	-	List of Expiry Dates. Each expiry date has the (YYYYMMDD) format.
StrikePrice	list	-	List of Strike Prices
LimitIndicator	string	1	Strike Price (S = Strike Price)
Limit2	integer	3	Threshold Value 2 (percentage increase of Limit1)

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
Limit3	integer	3	Threshold Value 3 percentage increase of Limit2)
CrossStrikeNetting	string	1	Cross Strike Netting (Y = Yes, N= No)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 20.26 SubmitPositionLimitParameterDelete

This layout allows to delete an existing Position Limit.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	list	-	List of market identification codes
PositionLimitName	string	20	Position Limit Name
AbiCode	string	5	ABI member code (own company or NCM)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

# Data Layouts

January 2021

## 20.27 InquirePositionLimitParameters

This layout allows to download the list of Position Limits. Data is returned in the NotifyPositionLimitParameters.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	list	-	List of market identification codes
AbiCode	string	5	ABI member code ( *ALL = non clearing members included)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 20.28 NotifyPositionLimitParameters

Unique Key for a Position Limit is: <MarketId, PositionLimitName, AbiCode>.

This layout returns the list of Position Limits.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	list	-	List of market identification codes
PositionLimitName	string	20	Position Limit Name
AbiCode	string	5	ABI member code (own company or

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
			NCM)
ProductGroup	string	3	Product Group or *=All
Limit1	float	16.2	Threshold Value 1
AccountType	string	1	Account type (P = Proper, C = Client, A= All)
ProductType	string	1	Product type (F=Future, O = Option, A= All)
PutCall	string	1	Put/Call option (P= put, C= call, A= all)
ExpirationDate	list	-	List of Expiry Dates. Each expiry date has the (YYYYMMDD) format.
StrikePrice	list	-	List of Strike Prices
LimitIndicator	string	1	Strike Price (S = Strike Price)
Limit2	integer	3	Threshold Value 2 (percentage increase of Limit1)
Limit3	integer	3	Threshold Value 3 (percentage increase of Limit2)
CrossStrikeNetting	string	1	Cross Strike Netting (Y = Yes, N= No)

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# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
CreationDate	date	8	Creation date (YYYYMMDD)
ModifyDate	date	8	Modification date (YYYYMMDD)
PositionLimitStatus	string	1	Status (A=Active, D=Inactive)

## 20.29 SubscribePositionLimitParameters

This layout allows to subscribe for the creation of new Position Limits or for the change of an existing one. Data is returned in the NotifySubPositionLimitParameters.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 20.30 NotifySubPositionLimitParameters

Unique Key for a Position Limit is: <MarketId, PositionLimitName, AbiCode>.

This layout returns events about a creation of a new Position Limit or a change to an existing one.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
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# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	list	-	List of market identification codes
PositionLimitName	string	20	Position Limit Name
AbiCode	string	5	ABI member code (own company or NCM)
ProductGroup	string	3	Product Group or *=All
Limit1	float	16.2	Threshold Value 1
AccountType	string	1	Account type (P = Proper, C = Client, A= All)
ProductType	string	1	Product type (F=Future, O = Option, A= All)
PutCall	string	1	Put/Call option (P= put, C= call, A= all)
ExpirationDate	list	-	List of Expiry Dates. Each expiry date has the (YYYYMMDD) format.
StrikePrice	list	-	List of Strike Prices
LimitIndicator	string	1	Strike Price (S = Strike Price)
Limit2	integer	3	Threshold Value 2 (percentage increase of Limit1)

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
Limit3	integer	3	Threshold Value 3 percentage increase of Limit2)
CrossStrikeNetting	string	1	Cross Strike Netting (Y = Yes, N= No)
CreationDate	date	8	Creation date (YYYYMMDD)
ModifyDate	date	8	Modification date (YYYYMMDD)
PositionLimitStatus	string	1	Status (A=Active, R=Reversing, D=Inactive)

## 20.31 SubscribePositionLimitAlarms

This layout allows to subscribe for new Position Limit Alarms. Data is returned in the NotifySubPositionLimitAlarms.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 20.32 NotifySubPositionLimitAlarms

No key is needed for Position Limit Alarm since any new record will be appended to the existing ones. It's not required to replace an existing record.

# Data Layouts

January 2021

This layout returns new Position Limit Alarms.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	list	-	List of market identification codes
PositionLimitName	string	20	Position Limit Name
AbiCode	string	5	ABI member code (own company or NCM)
ExceededLimit	integer	1	Exceeded Limit (0 = None, 1 = Limit1, 2 = Limit2, 3 = Limit3)
CurrentValue	float	16.2	Countervalue (for Cash Markets) or Notional Value (for Derivatives Markets) of the position which exceeded the limit or last value calculated by the system
AccountType	string	1	Account type (P = Proper, C = Client) of the position which exceeded the limit
ISINCode	string	12	ISIN Code of the position which exceeded the limit
AlarmTime	time	6	Alarm Time (HHMMSS)

## 20.33 SubmitMarginLimitParameter

This layout allows to create a new Margin Limit.

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarginLimitName	string	20	Margin Limit Name
AbiCode	string	5	ABI member code (own company or NCM) of the Portfolio the margin limit should refer to
PortfolioName	string	20	Portfolio Name the margin limit should refer to
InitialMargin	float	16.2	Initial Margin
Limit1	integer	3	Threshold Value 1 (percentage increase of Initial Margin)
Limit2	integer	3	Threshold Value 2 (percentage increase of Initial Margin). It should be greater than Limit 1.
Limit3	integer	3	Threshold Value 3 (percentage increase of Initial Margin). It should be greater than Limit 2.
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

# Data Layouts

January 2021

## 20.34 SubmitMarginLimitParameterChange

This layout allows to change an existing Margin Limit. MarketId, MarginLimitName and AbiCode cannot be changed since they form the primary key of the Margin Limit.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarginLimitName	string	20	Margin Limit Name
AbiCode	string	5	ABI member code (own company or NCM) of the Portfolio the margin limit should refer to
PortfolioName	string	20	Portfolio Name the margin limit should refer to
InitialMargin	float	16.2	Initial Margin
Limit1	integer	3	Threshold Value 1 (percentage increase of Initial Margin)
Limit2	integer	3	Threshold Value 2 (percentage increase of Initial Margin). It should be greater than Limit 1.
Limit3	integer	3	Threshold Value 3 (percentage increase of Initial Margin). It should be greater than Limit 2.
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			Garanzia)

## 20.35 SubmitMarginLimitParameterDelete

This layout allows to delete an existing Margin Limit.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarginLimitName	string	20	Margin Limit Name
AbiCode	string	5	ABI member code (own company or NCM) of the Portfolio the margin limit should refer to
PortfolioName	string	20	Portfolio Name the margin limit should refer to
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 20.36 InquireMarginLimitParameters

This layout allows to download the list of Margin Limits. Data is returned in the NotifyMarginLimitParameters.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
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# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
AbiCode	string	5	ABI member code (own company or NCM) of the Portfolio the margin limit should refer to
PortfolioName	string	20	Portfolio Name the margin limit should refer to
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 20.37 NotifyMarginLimitParameters

Unique Key for a Margin Limit is: <MarginLimitName, AbiCode, PortfolioName>.

This layout returns the list of Margin Limits.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarginLimitName	string	20	Margin Limit Name
AbiCode	string	5	ABI member code (own company or NCM) of the Portfolio the margin limit should refer to
PortfolioName	string	20	Portfolio Name the margin limit should refer to

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
InitialMargin	float	16.2	Initial Margin
Limit1	integer	3	Threshold Value 1 (percentage increase of Initial Margin)
Limit2	integer	3	Threshold Value 2 (percentage increase of Initial Margin). It should be greater than Limit 1.
Limit3	integer	3	Threshold Value 3 (percentage increase of Initial Margin). It should be greater than Limit 2.
CreationDate	date	8	Creation date (YYYYMMDD)
ModifyDate	date	8	Modification date (YYYYMMDD)
MarginLimitStatus	string	1	Status (A=Active, D=Inactive)

## 20.38 SubscribeMarginLimitParameters

This layout allows to subscribe for the creation of new Margin Limits or for the change of an existing one. Data is returned in the NotifySubMarginLimitParameters.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di



# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			Compensazione e Garanzia)

## 20.39 NotifySubMarginLimitParameters

Unique Key for a Margin Limit is: <MarginLimitName, AbiCode, PortfolioName>.

This layout returns events about a creation of a new Margin Limit or a change to an existing one.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarginLimitName	string	20	Margin Limit Name
AbiCode	string	5	ABI member code (own company or NCM) of the Portfolio the margin limit should refer to
PortfolioName	string	20	Portfolio Name the margin limit should refer to
InitialMargin	float	16.2	Initial Margin
Limit1	integer	3	Threshold Value 1 (percentage increase of Initial Margin)
Limit2	integer	3	Threshold Value 2 (percentage increase of Initial Margin). It should be greater than Limit 1.
Limit3	integer	3	Threshold Value 3 (percentage increase

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			of Initial Margin). It should be greater than Limit 2.
CreationDate	date	8	Creation date (YYYYMMDD)
ModifyDate	date	8	Modification date (YYYYMMDD)
MarginLimitStatus	string	1	Status (A=Active, R=Reversing, D=Inactive)

## 20.40 SubscribeMarginLimitAlarms

This layout allows to subscribe for new Margin Limit Alarms. Data is returned in the NotifySubMarginLimitAlarms.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 20.41 NotifySubMarginLimitAlarms

No key is needed for a Margin Limit Alarm since any new record will be appended to the existing ones. It's not required to replace an existing record.

This layout returns new Margin Limit Alarms.

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarginLimitName	string	20	Margin Limit Name
AbiCode	string	5	ABI member code (own company or NCM) of the Portfolio the margin limit should refer to
PortfolioName	string	20	Portfolio Name the margin limit should refer to
InitialMargin	float	16.2	Initial Margin
ExceededLimit	integer	1	Exceeded Limit (0 = None, 1 = Limit1, 2 = Limit2, 3 = Limit3)
CurrentValue	float	16.2	Current Margin Value
AlarmTime	time	6	Alarm Time (HHMMSS)

## 20.42 InquireWhatIf

This layout allows to ask the system to perform a margin calculation on an existing portfolio plus a set of delta positions specified by the user. The margin value is returned in the NotifyWhatIf.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
AbiCode	string	5	ABI member code (own company or NCM) of the Portfolio for the margin calculation
PortfolioName	string	20	Portfolio Name for the

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			margin calculation
PositionsDeltaList	list	-	<p>List of positions to be added to the portfolio for the margin calculation.</p> <p>Share/Derivative record:</p> <p>&lt;MarketId, Account Type, ABI Code, ISIN Code, Sub Account, Position Type, Quantity, Price&gt;</p> <p>Bond record:</p> <p>&lt;MarketId, Account Type, ABI Code, ISIN Code, Sub Account, Position Type, Quantity, Price, SpotSettlementDate, TermSettlementDate, TradeType, RepoRate&gt;</p> <p>Positions of the delta list with same key of the Portfolio Positions overwrite these ones.</p>
GKMarket	string	100	<p>Identifies the Clearing System where request has to be sent.</p> <p>GKMarket = CCG (Cassa di Compensazione e Garanzia)</p>

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# Data Layouts

January 2021

## 20.43 NotifyWhatlf

This layout returns the margin value resulted by the What If calculation.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarginValue	float	16.2	Result of the margin calculation

# Data Layouts

January 2021

## 21.0 Stop Button

### 21.1 SubscribeFirmStatus

This layout allows to subscribe for the status changes of a trading firm (corresponding to a BCS Clearing Member) in the SOLA Trading System. Data is returned in the NotifySubFirmStatus.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

### 21.2 NotifySubFirmStatus

Unique key for a Firm Status is <MarketId, AbiCode >

This layout returns status changes of a trading firm (corresponding to a BCS Clearing Member) in the SOLA Trading System.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	string	2	Market identification code
AbiCode	string	5	Member ABI code
Status	string	1	Status (A = Active, D = Inactive)

### 21.3 InquireFirmStatus

This layout allows to download the current status of a trading firm (corresponding to a BCS Clearing Member) in the SOLA Trading System. Data is returned in the NotifyFirmStatus.

# Data Layouts

January 2021

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	string	2	Market identification code
AbiCode	string	5	ABI member code ( *ALL = non clearing members included)
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 21.4 NotifyFirmStatus

Unique key for a Firm Status is <MarketId, AbiCode >

This layout returns the current status of a trading firm (corresponding to a BCS Clearing Member) in the SOLA Trading System.

<b>Field</b>	<b>Type</b>	<b>Length</b>	<b>Description</b>
MarketId	string	2	Market identification code
AbiCode	string	5	Member ABI code
Status	string	1	Status (A = Active, D = Inactive, U=Unknown, M=Missing Mapping to SOLA)

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# Data Layouts

January 2021

## 21.5 SubmitChangeFirmStatus

This layout allows to suspend a trading firm (corresponding to a BCS Clearing Member) in the SOLA Trading System on the selected Market and to inactivate all its active orders on that market.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
MarketId	String	2	Market identification code
AbiCode	String	5	Member ABI code
Status	String	1	Status (A = Active, D = Inactive)
GKMarket	String	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)



# Data Layouts

January 2021

## 22.0 Email Notifications

### 22.1 InquireEmailNotifications

This layout allows to download the list of email addresses set . Data is returned in the NotifyEmailNotifications.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

### 22.2 SubmitEmailNotifications

This layout allows to set the email addresses that will be used by the system.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
Email1	string	50	Email address
Email2	string	50	Email address
Email3	string	50	Email address
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

# Data Layouts

January 2021

## 22.3 NotifyEmailNotifications

Unique key is <PartecipantCode>

This layout returns the email addresses set.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
PartecipantCode	string	4	Participant Code of the customer
Email1	string	50	Email address
Email2	string	50	Email address
Email3	string	50	Email address

## 22.4 InquireStandardNotifications

This layout allows to download the list of emails set against a subscription. Data is returned in the NotifyEmailNotifications.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
SubscriptionName	string	30	Name of the subscription.  Subscription allowed:  SubscribeClearingMessages SubscribeAssignmentsSent SubscribeIntradayMarginCallsSent
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

# Data Layouts

January 2021

## 22.5 SubmitStandardNotifications

This layout allows to set the email for a subscription.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
SubscriptionName	string	30	Name of the subscription.  Subscription allowed:  SubscribeClearingMessages SubscribeAssignmentsSent SubscribeIntradayMarginCallsSent
Enable	string	1	Enable flag: Y/N
EmailList	string	30	Email addresses:  [Email1,Email2,Email3]  Ie. Email1,,Email3  Empty as default value Empty to clean up the EmailList
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 22.6 NotifyStandardNotifications

Unique key is <ParticipantCode,SubscriptionName>

This layout returns the email addresses linked to a Subscription.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
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# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
PartecipantCode	String	4	Participant Code of the customer
SubscriptionName	string	30	Name of the subscription.
EmailList	string	30	Email addresses:  [Email1,Email2,Email3]  Ie. Email1,,Email3

## 22.7 InquireRiskNotifications

This layout allows to download the list of emails set against a MarginLimitName. Data is returned in the NotifyEmailNotifications.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
SubscriptionName	String	30	Name of the subscription.  Subscription allowed:  SubscribeMarginLimitAlarms
MarginLimitName	String	20	Margin Limit Name
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 22.8 SubmitRiskNotifications

This layout allows to set the email for a MarginLimitName.

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
SubscriptionName	String	30	Name of the subscription.  Subscription allowed:  SubscribeMarginLimitAlarms
Enable	String	1	Enable flag: Y/N
MarginLimitName	String	20	Margin Limit Name
Limit1ToEmailList	String	100	Email addresses:  [Email1,Email2,Email3]  Ie. Email1,,Email3  Empty as default value Empty to clean up the EmailList
Limit2ToEmailList	String	100	Email addresses:  [Email1,Email2,Email3]  Ie. Email1,,Email3  Empty as default value Empty to clean up the EmailList
Limit3ToEmailList	String	100	Email addresses:  [Email1,Email2,Email3] Ie. Email1,,Email3  Empty as default value

# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
			Empty to clean up the EmailList
GKMarket	string	100	Identifies the Clearing System where request has to be sent. GKMarket = CCG (Cassa di Compensazione e Garanzia)

## 22.9NotifyRiskNotifications

Unique key is < ParticipantCode,SubscriptionName,MarginLimitName>

This layout returns the email addresses linked to the MarginLimitName.

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
ParticipantCode	string	4	Participant Code of the customer
SubscriptionName	String	30	Name of the subscription.
Enable	string	1	Enable flag: Y/N
MarginLimitName	string	20	Margin Limit Name
Limit1ToEmailList	string	100	Email addresses: [Email1,Email2,Email3]
Limit2ToEmailList	string	100	Email addresses: [Email1,Email2,Email3]

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# Data Layouts

January 2021

<i>Field</i>	<i>Type</i>	<i>Length</i>	<i>Description</i>
Limit3ToEmailList	string	100	Email addresses: [Email1,Email2,Email3]

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# Data Layouts

January 2021

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## Appendix A – Report Management and Info Type values

The BCS system allows the download of the following report types:

- Clearing reports
- Risk file (Closing Prices, Theoretical values and Class files)
- Order and Trade history files

To download a specific report, the `InquireZipReportData` layout must be used, specifying the corresponding info type and file type. To obtain the list of the available reports, with all the available info types and file types is possible to use the `InquireReportSent` query.

Some changes can be applied to this list, since clearing reports are produced directly by CC&G.

For this reason, for any update about the list of allowed clearing reports, customers can refer to CC&G clients-services department.

The `NotifyZipReportData` layout must not be used with the `GK_UnzipBinaryData`; to unzip the downloaded report an external zip library should be used.

Please, notice that the Risk file has to be unzipped two times to obtain the contained risk files.





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