
Release Notes

3 August 2018

CC&G

Clearing System – BCS version 6.0.0

Release Note

August 2018
Version 1.1



London
Stock Exchange Group

Release Notes

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1.0 Document History

This document has been through the following iterations:

Version	Date	Section	Description
1.0	27 June 2018		First issue of this document published via CC&G's web site and distributed to CC&G Clients
1.1	03 August 2018		Backward compatibility pointed out in paragraph 2.0

2.0 Purpose

This document provides CC&G Clients with a high-level functional description of the changes introduced in Version 6.0.0 of the Clearing System - BCS, as well as guidelines for the impacts on the clearing system's protocols connected to these business enhancements. A full description of the changes to Clearing System BCS's protocols is described in the protocol specifications indicated at paragraph 4 (BCS-API Data layout). In case of any discrepancy between this document and the BCS-API protocol specifications, this latter shall prevail.

The release of Version 6.0.0 of the Clearing System – BCS in CDS environment is currently scheduled on 17 September 2018. Further information about dates for the Clients Dress Rehearsal and Go Live will be provided in due course. Please note that the new version of the API is not mandatory and backward compatibility with the old version will be maintained. The migration to the new GUI application is recommended.

3.0 Readership

This document is particularly relevant to technology teams within CC&G's member firms, as it describes the changes to the technical interfaces in use to connect to the CC&G clearing system.

4.0 Document Series

This document is part of a series of documents which provide technical specifications for the CC&G Clearing System. This series of documents includes:

- BCS – Access Configuration Guide
- BCS – GUI User Manual
- BCS – API Programmer's Manual
- BCS – API Data Layouts
- BCS – API Configuration File
- BCS – Orders and Traders Reports Layouts

The latest version of these documents can be found in the following link.

<http://www.borsaitaliana.it/borsaitaliana/gestione-mercati/bcs-bitclearingstation/bcs.htm>

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5.0 Enquires

Please contact either Client Technology Services Italy if you have any functional questions about the services outlined in this document the following Business Units can be contacted at:

Service-Desk

- Toll Free: 0080026772000
- From Mobile: +390245411399
- Email: service-desk@borsaitaliana.it

Market-Access

- Telephone: +39 0272426 668
- Email: market-access@borsaitaliana.it

CC&G Product Development & Membership

- Telephone: +39 0272426 501
- Email: client.services.ccg@lseg.com

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6.0 New functionalities supported in Version 6.0.0 of the Clearing System – BCS

Version 6.0.0 of the Clearing System – BCS will support the following main functional enhancements:

- International Give-up (New attribute);
- BCS – Participants and Non Clearing Member lists (Attribute values);
- Real Time Margin Tool (Bond section portfolio margin implementation);
- Real Time Margin Tool (Attributes values);
- Client code change (Activated until T+5);
- Documentation fix;

A description of the key features of these enhancements, reason for change and relevant protocol changes are described in the following paragraphs.

6.1 International Give-up (new Attribute)

This new functionality will introduce the possibility to transfer between the executing member and the clearing member the client code field value, populated in the execution phase.

Give-out

A new field “Share Client Code” will be introduced in the form “International Give-up” (Give-out). The admitted value of the field will be “Yes” and “No”. The value “Yes” enable the transfer to the Clearer of the Client Code value populated by the Trader.

Take-up

A new field “Share Client Code” will be introduced in the form “Confirm International Give-up” (Take-up), The admitted value of the field will be “Assigned by Trader” and “Customized”. The value “Assigned by Trader” enable to accept the Client Code value populated by the Trader.

The new functionality will introduce the new fields “ShareClientCode” in the following Interfaces included in the BCS API Data Layout, that will accept the values “Y” and “N”:

- SubmitTransferContractRequest
- SubmitTransferContractConfirm
- SubmitGiveOutParameter
- SubmitGiveOutParameterChange
- SubmitTakeUpParameter
- SubmitTakeUpParameterChange

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6.2 BCS – Participants and Non Clearing Member lists (Attribute values)

This new functionality will introduce in the BCS GUI new values in the existing list “Participants” and “Non Clearing Member”. This latter will be also renamed in “Member Accounts”

The existing values are:

- I = Individual Clearing Member;
- G = General Clearing Member;
- N = Trading Client – Main Omnibus Account (MOA);
- C = Special Participant (Clearing House);
- O = Direct Clients - Additional Omnibus Account (AOA) – EMIR;
- S = Trading Client - Individual Segregated Account (ISA) – EMIR.

The following new values will be introduced:

- B = General Clearing Member (Additional Trading Desk);
- E = Individual Clearing Member (Additional Trading Desk);
- T = Trading Client (Additional trading Desk) - Main Omnibus Account (MOA);
- P = General Clearing Member – Pure Clearer;
- R = Individual Clearing Member - Pure Clearer;
- F = Direct Client - Individual Segregated Account (ISA) – EMIR;
- V = Indirect Clients - Gross Omnibus Segregated Account (GOSA) – MiFIR;
- A = Indirect Clients - Net Omnibus Segregated Account (NOSA) – MiFIR;
- Q = Qualified Participant (Commodity Exchange);

The new functionality will introduce new values in the “MemberType” field in the following Interfaces included in the BCS API Data Layout, that will accept the above listed values:

- NotifyClearingMemberCodes
- NotifyNonClearingMemberCodes

6.3 Real Time Margin Tool (Bond section portfolio margin implementation)

This tool currently allow GCM to monitor the activity of their Trading Clients. In detail the system is able to calculate the overall portfolio Initial Margin per Asset Class. This new functionality will introduce the possibility to select a new portfolio margin on Bond asset class. In detail in the form “Margin Limit” of the BCS GUI it is now possible to select the additional asset class “Bond”

The new functionality will introduce new value in the “MarketID” field of the following interfaces included in the BCS API Data Layout.

- SubmitStandardPortfolioParameter
- SubmitStandardPortfolioParameterChange

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6.4 Real Time Margin Tool (Attribute values)

This new functionality will introduce the possibility to select in the BCS GUI on both the form "Add position limit" and "Add trade limit", the overall portfolio of the client, without input it product by product. In detail will be possible to select the value "Any" in the file "Product Group"

The new functionality will introduce the new value "Any" in the "ProductGroup" field of the following interfaces included in the BCS API Data Layout.

- SubmitTradeLimitParameter
- SubmitTradeLimitParameterChange
- NotifyTradeLimitParameter
- NotifySubTradeLimitParameter
- SubmitPositionLimitParameter
- SubmitPositionLimitParameterChange
- NotifyPositionLimitParameter
- NotifySubPositionLimitParameter

6.5 Client code change (Activated until T+5)

The functionality Client Code Change allow Clients to transfer trade between different accounts. The transfer will be performed also in the clearing system, where the relevant accounts have been set-up.

The client code change functionality time window, will now be extended until T+5 (before until T+2).

6.6 Documentation fix

The document CC&G API data layout has been revised with some fine tuning amendments.

In detail the right length of several fields is now correctly indicated in the BCS API Data Layout document.

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7.0 Interface changes: CC&G BCS API data layout

API Layout	Change description
NotifyClearingMemberCodes NotifyNonClearingMemberCodes	MemberType field updated: New MemberType codes added; renaming of old MemberType codes.
SubmitStandardPortfolioParameter SubmitStandardPortfolioParameterChange	New wildcard added for MemberList field: <MarketID> can assume the value “*BND”.
SubmitTradeLimitParameter SubmitTradeLimitParameterChange NotifyTradeLimitParameter NotifySubTradeLimitParameter SubmitPositionLimitParameter SubmitPositionLimitParameterChange NotifyPositionLimitParameter NotifySubPositionLimitParameter	Flag “Any” added for Product Group field.
SubmitTransferContractRequest SubmitTransferContractConfirm SubmitGiveOutParameter SubmitGiveOutParameterChange SubmitTakeUpParameter SubmitTakeUpParameterChange	New optional field added: “ShareClientCode”.
NotifyClearingMemberCodes NotifyNonClearingMemberCodes	Documentation fix: CEDCode length
NotifyContracts NotifyZipContracts NotifyContractTransfers NotifySubContractTransfers NotifyOpenCloseContractChanges NotifySubOpenCloseContractChanges NotifyInqSplitContracts NotifySubSplitContracts	Documentation fix: ContractNumber length
NotifyContracts NotifyZipContracts NotifyInqSplitContracts NotifySubSplitContracts	Documentation fix: OrigContractNumber length
NotifyContracts NotifyZipContracts NotifyContractsByTime NotifyZipContractsByTime NotifySubContracts NotifyTradeHistory NotifyInqSplitContracts NotifySubSplitContracts	Documentation fix: MarketContractNumber length